

CAPITAL IMPROVEMENTS PROGRAM BUDGET

July 1, 2009 through June 30, 2010



Tempe Mayor & City Council



Hugh Hallman
Mayor



Shana Ellis
Vice Mayor



P. Ben Arredondo
Council Member



Mark Mitchell
Council Member



Joel Navarro
Council Member



Onnie Shekerjian
Council Member



Corey Woods
Council Member



Capital Improvements Program Budget FY 2009-10



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About the cover:

Photos top row left to right:
Tempe Sports Complex Skate Park, Cox Splash Playground and Papago Park

Photos bottom row left to right:
Giuliano Park, Kiwanis Park and Indian Bend Park

Tempe's parks are some of the City's most valuable assets as they play an integral and vital part of creating a successful, attractive and cohesive community. The Parks and Recreation Department develops and maintains Tempe's 48 public parks.



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June 30, 2009

To the Honorable Mayor and Members of the City Council:

Pursuant to the Tempe City Charter, the City Manager prepares and submits a Capital Improvements Program (CIP) annually to the Council. The CIP is a five-year financial plan for the acquisition, construction, expansion, or rehabilitation of infrastructure and capital assets. Capital Projects typically have one or more of the following characteristics: (1) expenditures which take place over two or more years, requiring continuing appropriations beyond a single fiscal year; (2) funding with debt because of significant costs to be shared by current and future beneficiaries; (3) a systematic acquisition over an extended period of time, and; (4) scheduled replacement or maintenance of specific elements of physical assets.

Although capital projects are scheduled throughout the five-year plan, only those projects during the first year of the plan are adopted as part of the City's annual budget. The first year of the CIP constitutes the Capital Budget. The remaining years within the CIP serve as a guide for future planning and are subject to annual review and modification in subsequent years.

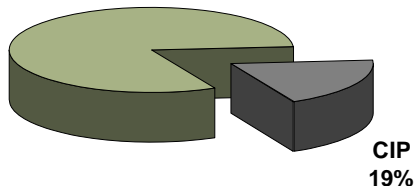
ANNUAL BUDGET PROGRAM SUMMARY

As shown in the following chart, the City of Tempe's Financial Program for fiscal year (FY) 2009-10 totals \$501 million. Of this amount, approximately \$96 million is for projects included in the Capital Budget.

**FY 2009-10
Total Financial Program**

| | |
|----------------------------|----------------|
| Operating Budget | \$404.4 |
| Capital Budget | \$96.3 |
| Total (\$ millions) | \$500.7 |

**Operating Budget
81%**



CIP PROCESS

In October 2008, the CIP process began with the CIP Coordinating Committee meeting to review and discuss guidelines, budget request forms, and availability of funds. This Committee consisted of City department heads, departmental capital project managers, and Financial Services staff. Based on guidance provided at this meeting, City departments submitted requests for projects to be included in the Capital Improvements Program.

After all the submissions were received, a follow-up 'discovery' meeting was held in mid-December 2008. At this meeting the total requests were put in context of total available funding. Through meetings with department managers and other key department representatives held over the ensuing months, the total requested program was reduced to meet the available resources. Based on these meetings, a balanced five-year capital program was recommended to the City Manager.

On March 26, 2009, the City Council held a public Special Budget Session to examine the capital program including funding sources, debt service requirements, operating budget impacts, and project priorities. Due to the economic downturn and an associated restrictive impact on the City's revenues and financing options, the capital program was not expanded further and moved forward as presented for Council adoption on May 14th, 2009.

CAPITAL BUDGET OVERVIEW

The Capital Budget consists of the following program areas: General Purpose, Transportation, Special Purpose, and Enterprise projects. As shown in the table on the following page, the Enterprise and General Purpose programs make up the bulk of the Capital Budget in FY 2009-10, representing 47% and 28% of the program, respectively. The Enterprise program includes Water and Wastewater projects and totals \$44.8 million. The General Purpose program includes Police, Fire, Storm Drains, Parks, and General Governmental projects and totals \$26.5 million.



| FY 2009-10 CIP by Program | | |
|---------------------------|---------------|------------|
| | \$ Millions | % of Total |
| Enterprise | 44.8 | 47% |
| General Purpose | 26.5 | 28% |
| Special Purpose | 13.0 | 13% |
| Transportation | 12.0 | 12% |
| Total | \$96.3 | |

The Special Purpose program includes Transit and Rio Salado projects, and represents \$13 million or 13%, of the funded projects in FY 2009-10. The Transportation program includes street and sidewalk construction and renovation, traffic signals, and lighting projects. Transportation program funding totals \$12 million in FY 2009-10, representing 12% of the Capital Budget.

CAPITAL BUDGET HIGHLIGHTS

Following are highlights from the Capital Budget for FY 2009-10:

Enterprise Program

City Water system projects (\$31.4 million) including:

- Continued bond funding for additional water quality improvements to meet required water quality regulations at the Johnny G. Martinez Water Treatment Plant (JGMWTP) (\$9 million)
- New bond funding for water quality improvements at the South Tempe Water Treatment Plant (STWTP) (\$7.3 million).

City Wastewater system projects (\$13.3 million) including:

- Continued bond funding for 91st Avenue Wastewater Treatment Plant capacity expansion (\$12.5 million)

Special Purpose Program

Funding for the Transit program (\$9.7 million) including:

- New federal grant funding for upgrades to the City's East Valley Bus Operations and Maintenance facility (\$6.5 million)
- Continued federal grant funding for pedestrian improvements on Broadway Road between Mill and Rural Avenues (\$3 million).

Funding for the Rio Salado Program (\$3.2 million) including:

- New outside revenue funding for replacement of the Tempe Town Lake dam (\$3 million).

General Purpose Program

Funding for the City's Police Protection Program (\$2.4 million) including:

- Continued bond funding for the Police / City Radio Replacement (\$2 million)

Fire Protection Program (\$9 million) including:

- Continued bond funding for the acquisition and rehabilitation of a new Support Services Facility (\$7.7 million)
- New bond funding to reconstruct Fire Station No. 2 (\$600 thousand).

Park Improvements Program (\$8.9 million) including:

- Continued bond funding for Park Renovation and Restoration (\$6 million)
- Continued bond funding for the replacement of the Kiwanis Park sprinkler system (1.5 million).

Funding for the General Governmental Program (\$5.9 million) including:

- Continued bond funding for the renovation of the Tempe Public Library (\$3.5 million)
- Continued pay-as-you go funding for the Municipal Arts Program (\$480 thousand)
- Continued pay-as-you go funding for the repair, replacement and maintenance of various City facilities (\$510 thousand)

Transportation Program

Funding for Transportation and Right-Of-Way improvements (\$9.8 million) including:

- Continued bond funding for street reconstruction and repairs (\$8.3 million)
- Continued bond funding for replacement of the Baseline Road bridge over the Western Canal (\$500 thousand).

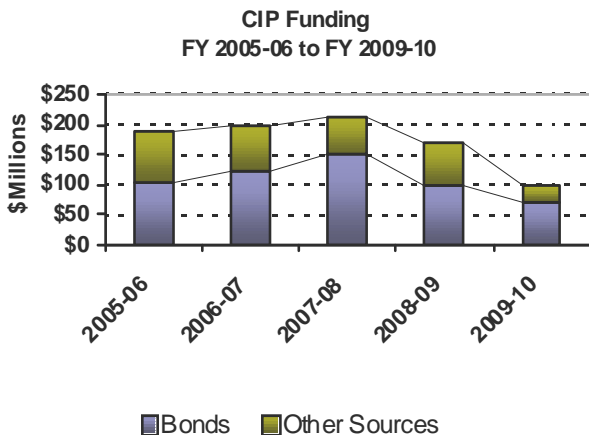
Funding for Traffic Signals (\$2.2 million) including:

- Continued bond funding for New Signals / Modular Upgrades (\$600 thousand)

CAPITAL IMPROVEMENTS PROGRAM FINANCING

As shown in the chart on the following page, Tempe's capital program has historically been funded through a combination of bonds and other sources, including pay-as-you-go financing, outside revenues, grants and capital project fund balances.

General Obligation (G.O.) bonds are consistently the primary source of capital financing and must be approved by Tempe residents.



In a November 2008 special bond election Tempe residents approved an additional \$241.3 million of additional G.O. bonding authority which is incorporated in the five-year CIP.

In FY 2009-10, the program is funded with a combination of bonded debt, representing 74% of program funding, and a total of 26% from a combination of other sources as shown in the table below.

| FY 2009-10 Sources of Funds | | |
|-------------------------------|---------------|------------|
| | \$ Millions | % of Total |
| General Obligation Bonds | \$71.5 | 74% |
| Outside Revenue | 15.3 | 16% |
| Capital Projects Fund Balance | 8.6 | 9% |
| Pay-as-You-Go Financing | .9 | 1% |
| Total | \$96.3 | |

Although the total budgeted use of bond financing in FY 2009-10 is approximately \$26 million less than in FY 2008-09; bond financing increases as a percentage of the total Capital Budget primarily due to significant reductions in the uses of Transit Tax and federal grants as sources of financing in the Transit program.

The FY 2009-10 sources are described in further detail in the Capital Improvements Program Source of Funds table in the *Schedules and Summaries* section, as well as in the individual project descriptions.

DEBT MANAGEMENT PLAN

The need to incur long term obligations to finance past, present and future capital programs carries with it the obligation to manage the resultant debt program effectively. Accordingly, the level of outstanding debt and the City's capacity to incur and repay additional debt bear careful examination.

In 1989 the City Council adopted a long-range debt plan for the City. At the beginning of the capital budget process, the debt plan is updated using revised assessed property valuations, population assumptions, and operating revenue projections. Through adoption of this plan and by utilizing these factors to size our debt program, the City has achieved and maintained outstanding bond ratings.

Tempe's current G.O. bond ratings are shown below. Fitch and Standard and Poor's AAA rating of the City's creditworthiness is the highest credit rating possible and is a testament to the City's prudent financial management practices.

| | |
|------------------------------|------------|
| Fitch | AAA |
| Moody's | Aa1 |
| Standard & Poor's | AAA |

For fiscal year 2009-10, we plan to issue \$33.6 million in new bonds for projects in the General Purpose and Transportation programs. Over the five-year Capital Improvements Program, we plan to issue \$120.6 million in bonds for these purposes; all in accordance with our debt management plan. Debt service on these bonds will be repaid by revenues from the City's secondary property taxes.

In addition, we plan to issue approximately \$37.9 million of new Enterprise Bonds in FY 2009-10 to finance a portion of the project costs in this program. Over the five-year CIP, we plan to issue approximately \$151 million in bonds in the Enterprise program. User fee revenue will support the debt service costs on these bonds.

CONCLUSION

The five-year capital program serves as an excellent guide for future planning. In combination with the debt management plan, the capital program will ensure the City's capital needs are met in a timely fashion with no impact to the City's continued financial stability.

In closing, the completion of a budget requires the effort of many people. To the Mayor, City Council, City Manager, departmental managers and staff, and to the Budget Division whose efforts provided invaluable assistance to me in its preparation, I express my sincere appreciation.

Respectfully Submitted,

Jerry Hart, C.P.A.
Financial Services Manager

RESOLUTION NO. 2009.33

A RESOLUTION DETERMINING AND ADOPTING FINAL ESTIMATES OF PROPOSED EXPENDITURES OF THE CITY COUNCIL OF THE CITY OF TEMPE, MARICOPA COUNTY, ARIZONA ADOPTING A FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM FOR THE PERIOD JULY 1, 2009 THROUGH JUNE 30, 2014

WHEREAS, Section 5.06 of the Tempe City Charter requires the Manager to prepare and submit to the City Council a five-year Capital Improvements Program, and

WHEREAS, the Manager has prepared and submitted said five-year Capital Improvements Program to the City Council for its consideration and adoption, and

WHEREAS, the Council has duly considered the contents of said Capital Improvements Program and finds it to be in the best interest of the City of Tempe;


NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF TEMPE AS FOLLOWS:

That the program summary entitled "Capital Improvements Program Summary" on file in the office of the City Clerk (also attached hereto), is hereby approved and adopted as a planning guide to use in the scheduling and development of capital facilities for the ensuing five-year period.

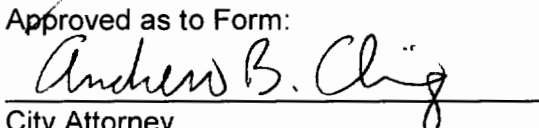
PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF TEMPE, ARIZONA THIS 14th DAY OF May, 2009.



Mayor

Attest:


City Clerk

Approved as to Form:


City Attorney



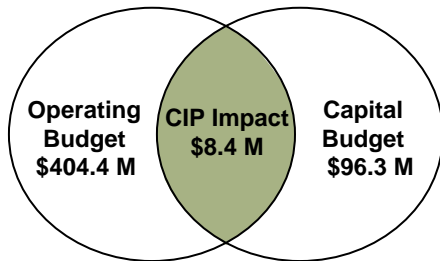
Financial Services Manager

Capital Budget Incremental Impact on FY 2009-10 Operating Budget



Though the City of Tempe prepares a Capital Budget separate from the Operating Budget, the two budgets are linked. These links include operating and maintenance costs associated with new facilities, debt service payments for new debt financed projects, and pay-as-you-go financing from operating revenues. As shown in the diagram and table below, these incremental impacts total \$8.4 million in FY 2009-10.

As part of the Capital Improvements Program, departments were asked to identify those capital projects that have an impact on the operating budget, and quantify the impact in terms of operation and maintenance. The table below lists the projects with identified operating and maintenance impacts, and includes the projected fiscal impact on the FY 2009-10 operating budget.



Among the projects with new operating and maintenance impacts, the Utility Billing System for the Financial Services Department and the TIPS project for the Police Department are the most significant and are both solely attributable to ongoing information technology related costs. Operating budget funding associated with the other listed projects primarily provides resources to pay for new electricity costs, and materials and supplies.

| Incremental Impact of Capital Budget on Operating Budget - All Funds | |
|--|--------------------|
| | FY 2009-10 |
| New Debt Service | |
| Enterprise | \$3,654,036 |
| Transportation | 882,920 |
| General Purpose | 2,507,766 |
| New Operations and Maintenance | 458,980 |
| Pay-As-You-Go Financing | |
| Transit Fund | 460,720 |
| Water/Wastewater Fund | 447,861 |
| Total | \$8,412,283 |

| FY 2009-10 Detailed Operating and Maintenance Impacts of Capital Improvements | | |
|---|------------------|---------|
| Program / Project | \$ Amount | Fund |
| Enterprise | | |
| JGMWTP Water Quality Upgrades | \$50,000 | Water |
| Utility Billing System Upgrade | 110,000 | Water |
| General Purpose | | |
| New Support Services Facility | 38,660 | General |
| Tempe Public Library Renovation | 38,400 | General |
| TIPS (Technology Integrated Police Systems) | 181,500 | General |
| Transportation | | |
| New Signals / Modular Upgrades | 6,480 | HURF |
| Street Light Upgrades/New Installation | 33,940 | HURF |
| Total Operating Impacts | \$458,980 | |



The City establishes strategic issues, goals, and objectives to provide long range focus for resource allocation choices. The strategic issues, goals, and objectives are aligned to Council and community committees as follows:

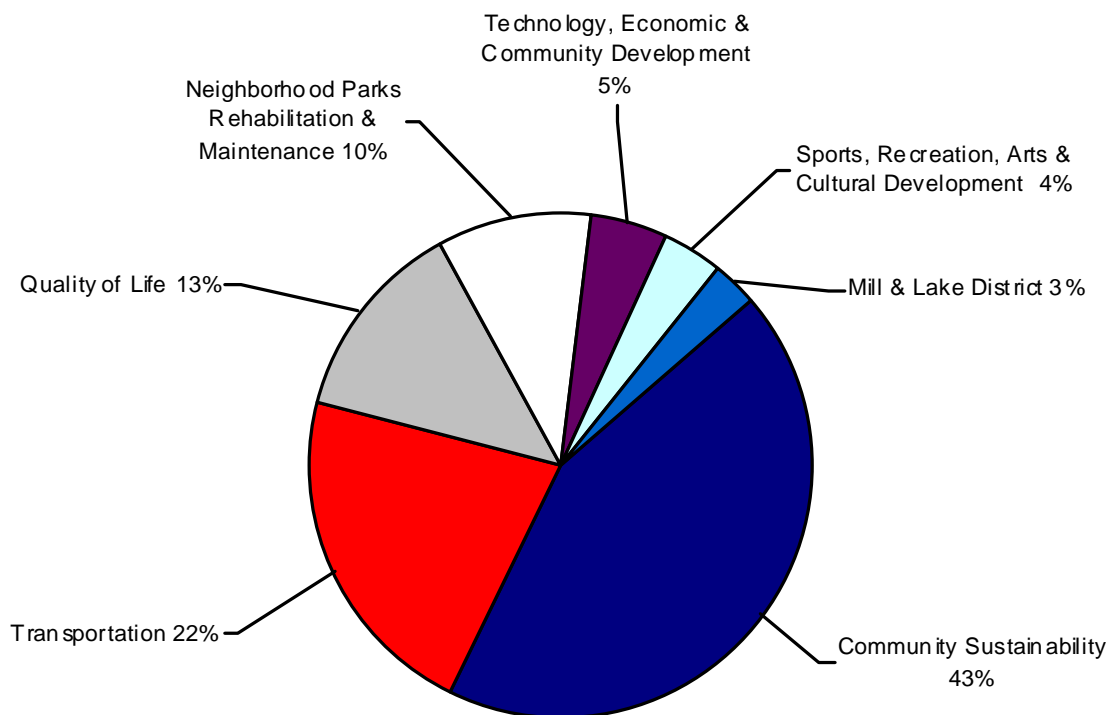
- Community Sustainability
- Education Partnerships
- Housing
- Mill & Lake District
- Neighborhood Parks Rehabilitation & Maintenance
- Quality of Life
- Sports, Recreation, Arts & Cultural Development
- Technology, Economic & Community Development
- Transportation

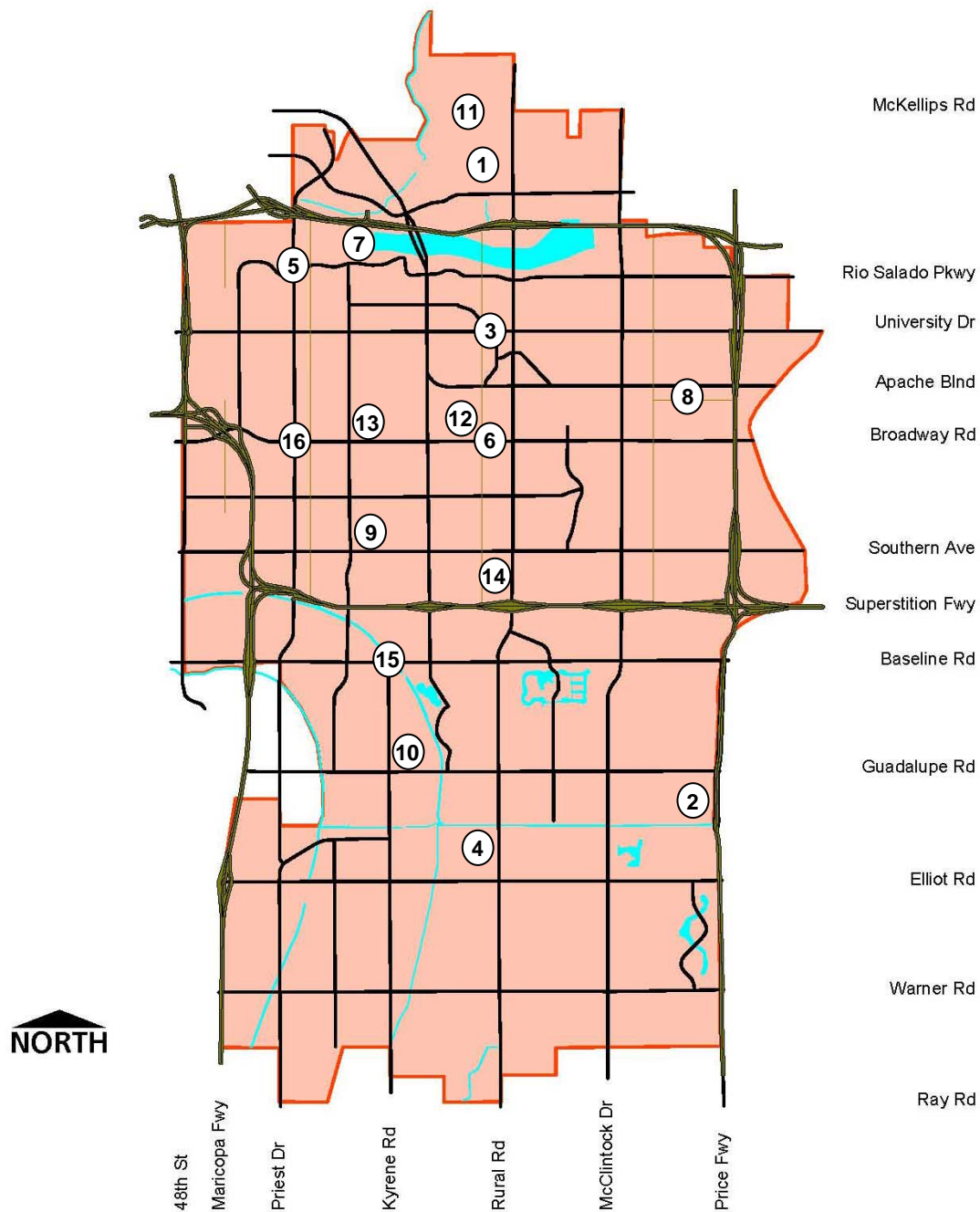
The objective of each strategic team is to delineate long-range goals, formulate a cohesive strategy for each of the defined areas, and develop action plans to advance the City towards those strategic goals.

The FY 2009-10 Capital Program organized by strategic issue is shown in the chart.

The FY 2009-10 Capital Budget largely focuses on capital projects related to two strategic areas: (1) Community Sustainability; and (2) Transportation. These two strategic issue areas alone account for 65% of the Capital Budget in the upcoming fiscal year.

CIP project concentration in Community Sustainability is attributable to the City's continuing reinvestment in water and sewer infrastructure to support new and existing development. CIP concentration in Transportation is attributable to ongoing maintenance of City street systems.





| Location | Project Description |
|----------|---|
| 1. | Johnny G. Martinez Water Treatment Plant Upgrades |
| 2. | South Tempe Water Treatment Plant Water Quality Improvement |
| 3. | Perimeter Metering of ASU Main Campus |
| 4. | Ken McDonald Golf Course Recharge Project |
| 5. | East Valley Bus Operations and Maintenance Facility Upgrade / Expansion |
| 6. | Broadway Road Streetscape and Pedestrian Improvements Mill-Rural |
| 7. | Town Lake Rubber Dam Replacement |
| 8. | New Support Services Facility |

| Location | Project Description |
|----------|---|
| 9. | Fire Station #2 |
| 10. | Kiwanis Park Sprinkler System Replacement |
| 11. | Park Renovation and Restoration – Evelyn Hallman Park |
| 12. | Park Renovation and Restoration – Daley Park |
| 13. | Clark Park Swimming Pool |
| 14. | Tempe Public Library Renovation |
| 15. | Baseline Bridge Replacement Over Western Canal |
| 16. | Intersection Reconstruction |

This section provides summaries of the City's five-year Capital Improvements Program, the sources of funds and the associated bonded debt.



Clockwise from top: Tempe Transportation Center; Kiwanis Park; art shelter bus stop at McClintock High School.

Schedules and Summaries

Capital Improvements Program Summary



| Program | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|---------------------------------------|------------------------------|----------------------------|-------------------|-------------------|-------------------|-------------------------|
| | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Enterprise Program | | | | | | |
| Water | 31,436,147 | 24,706,561 | 12,572,001 | 7,374,000 | 9,285,000 | 85,373,709 |
| Wastewater | 13,350,000 | 13,680,350 | 18,566,700 | 31,755,250 | 14,546,500 | 91,898,800 |
| Total Enterprise | 44,786,147 | 38,386,911 | 31,138,701 | 39,129,250 | 23,831,500 | 177,272,509 |
| Special Purpose Program | | | | | | |
| Transit | 9,750,000 | 245,000 | 2,554,343 | 1,319,000 | 1,393,240 | 15,261,583 |
| Rio Salado | 3,225,500 | 714,500 | 100,000 | 8,327,664 | 18,700,000 | 31,067,664 |
| Total Special Purpose | 12,975,500 | 959,500 | 2,654,343 | 9,646,664 | 20,093,240 | 46,329,247 |
| General Purpose Program | | | | | | |
| Police | 2,428,800 | 1,417,000 | 1,282,000 | 1,315,174 | 1,315,174 | 7,758,148 |
| Fire | 9,023,863 | 456,246 | 7,670,671 | - | - | 17,150,780 |
| Storm Drains | 275,000 | 275,000 | 300,000 | 300,000 | 350,000 | 1,500,000 |
| Park Improvements | 8,944,875 | 5,721,750 | 9,967,500 | 8,372,000 | 9,266,000 | 42,272,125 |
| Community Relations | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Community Services | 4,016,694 | 501,319 | 336,930 | 404,483 | 252,247 | 5,511,674 |
| Development Services | 115,000 | - | - | - | - | 115,000 |
| Information Technology | 348,000 | 241,000 | 638,000 | 166,000 | - | 1,393,000 |
| Public Works | 901,000 | 801,000 | 801,000 | 801,000 | 801,000 | 4,105,000 |
| Water Utilities | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 | 1,375,000 |
| Total General Purpose | 26,578,232 | 9,938,315 | 21,521,101 | 11,883,657 | 12,509,421 | 82,430,727 |
| Transportation Program | | | | | | |
| Transportation and R.O.W. | 9,805,341 | 7,496,590 | 8,041,912 | 7,981,239 | 8,437,465 | 41,762,548 |
| Traffic Signals / Street Lighting | 2,165,348 | 2,074,319 | 1,675,000 | 2,021,469 | 1,675,000 | 9,611,136 |
| Total Transportation | 11,970,689 | 9,570,909 | 9,716,912 | 10,002,708 | 10,112,465 | 51,373,684 |
| Total General / Transportation | 38,548,921 | 19,509,225 | 31,238,014 | 21,886,365 | 22,621,886 | 133,804,411 |
| TOTAL PROGRAM | 96,310,568 | 58,855,636 | 65,031,058 | 70,662,279 | 66,546,626 | 357,406,167 |

2009-10 Capital Improvements Program Source of Funds



| Program | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|---|------------------------------|----------------------------|-------------------|-------------------|-------------------|-------------------------|
| | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Enterprise Supported | | | | | | |
| Water/Wastewater | | | | | | |
| General Obligation Bonds | 37,886,147 | 35,886,911 | 22,461,701 | - | 21,331,500 | 117,566,259 |
| Excise Tax Bonds | - | - | 5,650,000 | 28,196,250 | - | 33,846,250 |
| Capital Projects Fund Balance | 4,400,000 | - | - | - | - | 4,400,000 |
| Development Fees | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 12,500,000 |
| City of Mesa | - | - | 527,000 | 8,433,000 | - | 8,960,000 |
| Total Enterprise Supported | 44,786,147 | 38,386,911 | 31,138,701 | 39,129,250 | 23,831,500 | 177,272,509 |
| Special Purpose | | | | | | |
| Transit | | | | | | |
| Transit Tax Revenues | 428,220 | 145,000 | 547,803 | 1,219,000 | 93,240 | 2,433,263 |
| Federal Grants | 9,071,780 | - | 1,906,540 | - | 1,200,000 | 12,178,320 |
| Regional Public Transportation Fund | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| Total Transit | 9,750,000 | 245,000 | 2,554,343 | 1,319,000 | 1,393,240 | 15,261,583 |
| Rio Salado | | | | | | |
| Capital Improvements Reserve | 100,000 | - | - | - | - | 100,000 |
| Land Sale Proceeds - Rio East | 125,500 | 714,500 | 100,000 | 8,327,664 | 7,600,000 | 16,867,664 |
| Bridgestone Reimbursement | 3,000,000 | - | - | - | - | 3,000,000 |
| Mondrian Agreement | - | - | - | - | 11,100,000 | 11,100,000 |
| Total Rio Salado | 3,225,500 | 714,500 | 100,000 | 8,327,664 | 18,700,000 | 31,067,664 |
| Total Special Purpose | 12,975,500 | 959,500 | 2,654,343 | 9,646,664 | 20,093,240 | 46,329,247 |
| General Purpose & Transportation | | | | | | |
| General Obligation Bonds | 33,597,210 | 17,250,337 | 28,937,083 | 19,747,354 | 21,043,639 | 120,575,624 |
| Capital Improvements Reserve | 1,917,000 | - | - | - | - | 1,917,000 |
| Capital Projects Fund Balance | 2,200,000 | - | - | - | - | 2,200,000 |
| Land Sale Proceeds - Rio East | - | 1,567,000 | 1,964,000 | 1,492,000 | 1,326,000 | 6,349,000 |
| WWW Fund | 447,861 | 383,869 | 311,387 | 391,293 | 238,315 | 1,772,725 |
| Transit Fund | 32,500 | 2,450 | 25,543 | 13,190 | 13,932 | 87,616 |
| Federal Grants | 354,350 | 305,568 | - | 242,528 | - | 902,446 |
| Total General / Transportation | 38,548,921 | 19,509,225 | 31,238,014 | 21,886,365 | 22,621,886 | 133,804,411 |
| TOTAL PROGRAM | 96,310,568 | 58,855,636 | 65,031,058 | 70,662,279 | 66,546,626 | 357,406,167 |

Capital Improvements Program Fund Balances



| Program | Estimated Fund Bal. 06-30-09 | Transfers from Other Funds | Outside Revenue | Bond Proceeds | Appropriation | Estimated Fund Bal. 06-30-10 |
|---------------------------------|------------------------------|----------------------------|---------------------|---------------------|---------------------|------------------------------|
| Enterprise | | | | | | |
| Water/Wastewater | 4,655,963 | | 2,500,000 | 37,886,147 | 44,786,147 | 255,963 |
| Subtotal Enterprise | 4,655,963 | 0 | 2,500,000 | 37,886,147 | 44,786,147 | 255,963 |
| Special Purpose | | | | | | |
| Transit | 270,694 | 428,220 | 9,321,780 | | 9,750,000 | 270,694 |
| Rio Salado | (41,468) | 100,000 | 3,125,500 | | 3,225,500 | (41,468) |
| Subtotal Special Purpose | 229,226 | 528,220 | 12,447,280 | 0 | 12,975,500 | 229,226 |
| General Purpose | | | | | | |
| Police Protection | 42,864 | | | 2,428,800 | 2,428,800 | 42,864 |
| Fire Protection | | 28,000 | | 8,995,863 | 9,023,863 | 0 |
| Storm Drains | | | | 275,000 | 275,000 | 0 |
| Park Improvements | 1,834,836 | | | 7,244,875 | 8,944,875 | 134,836 |
| General Governmental | (485,437) | 2,369,361 | | 3,536,333 | 5,905,694 | (485,437) |
| Subtotal General Purpose | 1,392,263 | 2,397,361 | 0 | 22,480,871 | 26,578,232 | (307,737) |
| Transportation | | | | | | |
| Transp. & R.O.W. Improvements | 712,353 | | | 9,305,341 | 9,805,341 | 212,353 |
| Traffic Signals/Street Lighting | 93,316 | | 354,350 | 1,810,998 | 2,165,348 | 93,316 |
| Subtotal Transportation | 805,669 | 0 | 354,350 | 11,116,339 | 11,970,689 | 305,669 |
| Total Program | \$7,083,121 | \$2,925,581 | \$15,301,630 | \$71,483,357 | \$96,310,568 | \$483,121 |

Remaining General Obligation Bond Authorizations



| | Original Authorization | Prior Issues | 2009-10 Issue | Remaining Authorization |
|--|------------------------|----------------------|---------------------|-------------------------|
| 2006 Program | | | | |
| Water/Wastewater | 172,000,000 | 172,000,000 | | 0 |
| Police Protection | 14,000,000 | 12,500,000 | 1,500,000 | 0 |
| Fire Protection | 2,500,000 | 730,000 | 1,770,000 | 0 |
| Community Services/Park Improvements/Library | 14,000,000 | 14,000,000 | | 0 |
| Streets/Transportation | 8,000,000 | 2,565,000 | 5,435,000 | 0 |
| Subtotal | 210,500,000 | 201,795,000 | 8,705,000 | 0 |
| 2008 Program | | | | |
| Water/Wastewater | 113,300,000 | 16,970,000 | 37,886,000 | 58,444,000 |
| Police Protection | 10,900,000 | | 928,800 | 9,971,200 |
| Fire Protection | 21,110,000 | | 7,225,900 | 13,884,100 |
| Community Services/Park Improvements/Library | 51,800,000 | 2,390,000 | 10,781,200 | 38,628,800 |
| Streets/Transportation | 44,200,000 | | 5,956,300 | 38,243,700 |
| Subtotal | 241,310,000 | 19,360,000 | 62,778,200 | 159,171,800 |
| TOTAL | \$451,810,000 | \$221,155,000 | \$71,483,200 | \$159,171,800 |

Long-Term Outstanding Debt Summary

| | June 30 | | | |
|---|----------------------|----------------------|----------------------|----------------------|
| | 2006 | 2007 | 2008 | 2009 |
| General Obligation Bonds | | | | |
| Water/Wastewater | \$170,590,000 | \$243,265,000 | \$282,520,000 | \$285,735,000 |
| Police Protection | 27,090,000 | 29,255,000 | 32,085,000 | 43,675,000 |
| Fire Protection | 9,450,000 | 8,855,000 | 8,695,000 | 11,010,000 |
| Storm Drains | 3,245,000 | 3,970,000 | 3,775,000 | 3,600,000 |
| Park Improvements | 22,755,000 | 25,665,000 | 27,575,000 | 32,960,000 |
| Library/Museum | 115,000 | 1,455,000 | 1,395,000 | 4,940,000 |
| Streets/Transportation | 44,610,000 | 47,300,000 | 51,550,000 | 60,080,000 |
| Total G.O. Debt Outstanding | 277,855,000 | 359,765,000 | 407,595,000 | 442,000,000 |
| Tempe Municipal Property Corp. Bonds | | | | |
| Golf Course Improvements | 140,000 | | | |
| Total Tempe Municipal Property Debt | 140,000 | 0 | 0 | 0 |
| Tempe Sports Authority Corp. Bonds/COP | | | | |
| Certificates of Participation (COP) | 1,780,000 | 1,220,000 | 625,000 | |
| Total Tempe Sports Authority Corp. Bonds/COP | 1,780,000 | 1,220,000 | 625,000 | 0 |
| Total Water/Wastewater Excise Tax Bonds | 0 | 0 | 0 | 16,720,000 |
| Total Performing Arts Excise Tax Bonds | 54,325,000 | 50,895,000 | 47,340,000 | 43,640,000 |
| Total Transit Excise Tax Bonds | 60,675,000 | 109,785,000 | 138,065,000 | 135,480,000 |
| Total Rio Salado Excise Tax Bonds | 35,175,000 | 33,810,000 | 32,320,000 | 30,760,000 |
| Total Governmental Excise Tax Bonds | 20,330,000 | 23,990,000 | 23,400,000 | 29,680,000 |
| Total Cemetery Enterprise Bonds | 2,210,000 | 2,130,000 | 2,050,000 | 1,965,000 |
| Total Long-Term Outstanding Debt | \$452,490,000 | \$581,595,000 | \$651,395,000 | \$700,245,000 |

Legal Bonded Debt Limits



Under Article 9, Section 8 of the Arizona State Constitution, cities may issue general obligation bonds for purposes of water, wastewater, artificial light, open space preserves, parks, playgrounds and recreational facilities, public safety, law enforcement, fire and emergency services facilities and streets and transportation facilities up to an amount not exceeding 20% of the secondary assessed value.

Cities may also issue general obligation bonds for all other purposes not included in the 20% Debt Margin category up to an amount not exceeding 6% of the secondary assessed value. Bonds issued under either the 20% or 6% limit are subject to authorization by a majority vote at a city bond election.

FY 2009-10 Bonded Debt Limits July 1, 2009

| | FY 2009-10 | |
|---|----------------------|---------------------|
| | 6% | 20% |
| Bond Limit ⁽¹⁾ | \$166,049,332 | \$553,497,773 |
| Outstanding Bonded Debt-Previously Issued | (1,325,000) | (440,675,000) |
| Proposed Bonds to be Sold in FY 2009-10 | | |
| Water/Wastewater | | 37,886,000 |
| Storm Drains | | 275,000 |
| Park Improvements | | 7,244,875 |
| Public Safety/Law Enforcement | | 2,428,800 |
| Fire and Emergency Services | | 8,995,900 |
| Transportation | | 11,116,300 |
| All Others | | 3,536,325 |
| Debt Margin Available | \$164,724,332 | \$41,339,573 |

⁽¹⁾ The FY 2009-10 Bond Limit is based upon an estimated secondary assessed value of \$2,767,488,865 compared to the FY 2008-09 secondary assessed value of \$2,656,948,194.



Capital Budget Policy

- Estimated costs, potential revenue and funding sources shall be identified prior to any project being submitted for Council approval. A department which anticipates a capital project exceeding its adopted budget shall submit a plan to Council addressing the issue for its prior approval.
- A five-year capital improvements program, as required by City Charter, will be developed and updated annually including anticipated funding sources. In addition, a prior year capital project status report shall be presented to the Council for information purposes when the capital improvement budget is considered.
- The annual operating budget will provide for the adequate maintenance and the orderly replacement of the capital plant and equipment from current revenue where possible.
- Capital improvement operating budget impacts will be coordinated with the development of the Operating Budget. Future operating, maintenance, and replacement costs will be forecast as part of the City's annual long range financial capacity study.
- The City may provide for internal, pay-as-you go financing for its capital improvement program. Funding may come from fund balance reserves or any other acceptable means of funding.

Debt Policy

- Debt will only be used to finance long term capital improvements and not be used to finance recurring operating expenses.
- In accordance with state law, the total value of General Obligation bonds issued for the purposes of water, wastewater, artificial light, open space preserves, parks, playgrounds, and recreational facilities, public safety, law enforcement, fire and emergency services facilities, and streets and transportation facilities cannot exceed 20% of assessed valuation. The total value of General Obligation bonds issued for all other purposes other than those listed above cannot exceed 6% of assessed valuation.
- Debt term should match the useful life of the capital project funded.
- Debt service schedules will be based upon level annual principal and interest payments.
- Overlapping debt issuances shall be included in the City's financial reports.
- Authorized debt shall be limited as follows unless authorization is obtained from the City council to exceed these limits
 - General obligation bonds shall follow the guidelines established in the Debt Management Plan
 - Excise tax bonds shall maintain revenue coverage limits of at least 3 times debt service
 - Improvement District bonds shall not exceed 5% of the City's secondary assessed valuation
 - Short-term borrowing or lease/purchase contracts must be budgeted within the Operating Budget
- Benchmark ratios of per capita debt, debt service to operating revenue, and outstanding debt as a percent of full cash value will be updated regularly and incorporated into the Debt Management Plan.

Ten Year Historical Trends

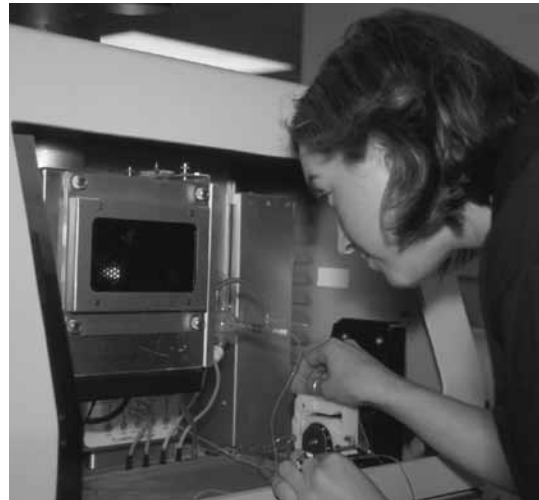


| Fiscal Year | Budgeted Capital Improvements Program (1) | Outstanding Principal FY End (2) | Debt Service Requirements P & I | Net Secondary Assessed Value | % Change in Secondary Assessed Valuation | Property Tax Rate (\$) | | |
|-------------|---|----------------------------------|---------------------------------|------------------------------|--|------------------------|-----------|-------|
| | | | | | | Primary | Secondary | Total |
| 2000-01 | 67,408,152 | 200,805,000 | 29,772,986 | 1,356,429,397 | 9.3 | .54 | .81 | 1.35 |
| 2001-02 | 85,541,430 | 205,950,000 | 26,675,235 | 1,456,361,617 | 7.4 | .53 | .82 | 1.35 |
| 2002-03 | 95,318,794 | 252,480,000 | 23,996,164 | 1,556,492,294 | 6.9 | .52 | .83 | 1.35 |
| 2003-04 | 117,968,707 | 280,525,000 | 27,243,978 | 1,688,452,415 | 8.5 | .55 | .80 | 1.35 |
| 2004-05 | 177,118,222 | 362,225,000 | 27,696,707 | 1,768,877,385 | 4.8 | .53 | .82 | 1.35 |
| 2005-06 | 189,971,703 | 452,490,000 | 35,620,916 | 1,904,426,188 | 7.7 | .52 | .88 | 1.40 |
| 2006-07 | 196,728,491 | 581,595,000 | 44,105,855 | 2,006,703,332 | 5.4 | .52 | .88 | 1.40 |
| 2007-08 | 212,706,469 | 651,395,000 | 52,988,091 | 2,401,898,465 | 19.7 | .51 | .89 | 1.40 |
| 2008-09 | 168,033,325 | 700,245,000 | 59,795,499 | 2,656,948,194 | 10.6 | .51 | .89 | 1.40 |
| 2009-10 | 96,310,568 | 737,398,200 | 68,975,861 | 2,767,488,865 | 4.2 | .49 | .91 | 1.40 |

(1) The budgeted CIP reached a historical peak in FY 2007-08 due primarily to increased spending in the Transit Program to fund the City's portion of design and construction of the metropolitan area light rail transit system. The FY 2008-09 CIP included the City's final contribution to light rail funding as the project was completed in December 2008. While the reduction in the FY 2009-10 CIP is largely due to the decreased spending in the Transit Program, other major programs such as the Water / Wastewater program were also reduced or maintained at prior year levels in an effort to minimize additional commitments in the distressed economic environment.

(2) Outstanding Principal includes all forms of City debt, including general obligation, excise, and enterprise supported debt. Year over year increases in outstanding principal reflect an increasing utilization of bonded debt to finance the Capital Budget.

This section describes Enterprise capital projects which include projects for Water and Wastewater Services.



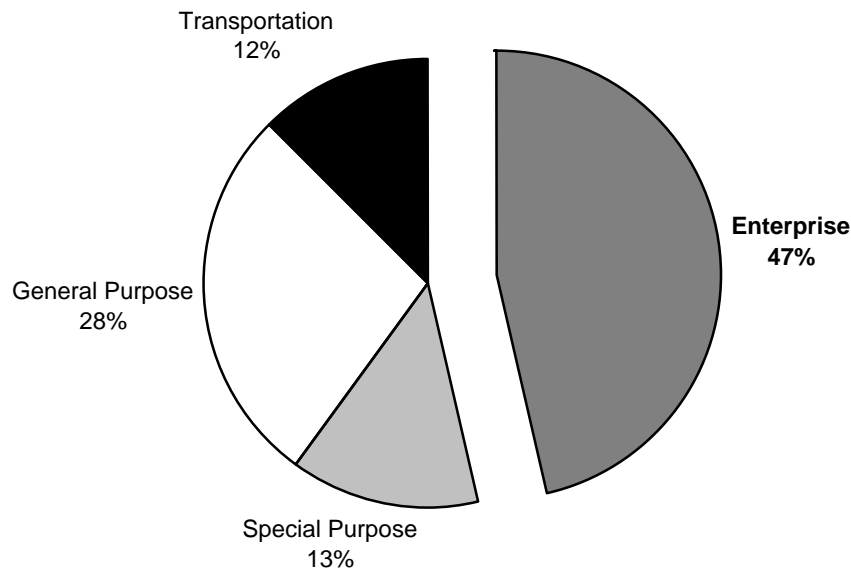
Clockwise from top: Johnny G. Martinez Water Treatment Plant; water chemist; water transmission main installation.

Enterprise



The Enterprise component of the Capital Improvements Program consists of the Water and Wastewater programs. Combined, they constitute \$44.8 million of the \$96 million Capital Improvements Program for FY 2009-10. The City's capital budget for this area is driven largely by federal and state compliance requirements and associated plant capacity expansions. A total of \$37.9 million of Water/Wastewater Bonds will be sold to fund these projects in FY 2009-10. These bonds are repaid by user charges from activity in both programs. The remaining program funding will come from development fees, and fund balances.

Major projects in FY 2009-10 include: **Water** - continued upgrades at the Johnny G. Martinez Water Treatment Plant (JGMWTP), continued enhancements to the South Tempe Water Treatment Plant (STWTP), and numerous waterline improvements; **Wastewater** - continued 91st Avenue Wastewater Treatment Plant expansion, and continued sewer line rehabilitation.



| CAPITAL PROGRAM | |
|------------------------------|---------------------|
| PROGRAM | FY 2009-10 |
| Enterprise | 44,786,147 |
| Special Purpose | 12,975,500 |
| General Purpose | 26,578,232 |
| Transportation | 11,970,689 |
| TOTAL CAPITAL PROGRAM | \$96,310,568 |

2009-10 CIP Projects - Water Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|---|-------------------------------|------------------------------|----------------------------|-------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Distribution System Fittings: 3299999 | General Obligation Bonds | 500,000 | 400,000 | 230,000 | - | 230,000 | 1,360,000 |
| | Excise Tax Bonds | - | - | - | 230,000 | - | 230,000 |
| | Project Total | 500,000 | 400,000 | 230,000 | 230,000 | 230,000 | 1,590,000 |
| Environmental Laboratory Facility: 3203499 | General Obligation Bonds | 617,000 | 2,257,000 | 2,216,000 | - | - | 5,090,000 |
| | Excise Tax Bonds | - | - | - | 540,000 | - | 540,000 |
| | Project Total | 617,000 | 2,257,000 | 2,216,000 | 540,000 | - | 5,630,000 |
| HVAC Replacement at all Three Water Wastewater Plants: 3209369 | General Obligation Bonds | 83,000 | 28,000 | 51,000 | - | - | 162,000 |
| JGMWTP Capital Equipment Replacement: 3200089 | General Obligation Bonds | 250,000 | 250,000 | 250,000 | - | 250,000 | 1,000,000 |
| | Excise Tax Bonds | - | - | - | 250,000 | - | 250,000 |
| | Project Total | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| JGMWTP Security Fence / Lighting: 3203509 | General Obligation Bonds | 2,711,600 | - | - | - | - | 2,711,600 |
| JGMWTP Water Quality Upgrades: 3201099 | General Obligation Bonds | 5,590,000 | 5,130,000 | - | - | - | 10,720,000 |
| | Capital Projects Fund Balance | 2,200,000 | - | - | - | - | 2,200,000 |
| | Development Fees | 1,250,000 | 1,250,000 | - | - | - | 2,500,000 |
| | Project Total | 9,040,000 | 6,380,000 | - | - | - | 15,420,000 |
| Ken McDonald Golf Course Recharge Project: 3209309 | General Obligation Bonds | 1,484,000 | - | - | - | - | 1,484,000 |
| New Production Wells: 3200019 | General Obligation Bonds | 376,998 | 377,001 | 377,001 | - | 1,855,000 | 2,986,000 |
| | Excise Tax Bonds | - | - | - | 279,000 | - | 279,000 |
| | Project Total | 376,998 | 377,001 | 377,001 | 279,000 | 1,855,000 | 3,265,000 |
| Perimeter Metering of ASU Main Campus: 3203519 | General Obligation Bonds | 1,988,800 | - | - | - | - | 1,988,800 |
| Small Meter Replacement Program 2" and under: 3209319 | General Obligation Bonds | 650,000 | 100,000 | 100,000 | - | - | 850,000 |
| | Excise Tax Bonds | - | - | - | 100,000 | - | 100,000 |
| | Project Total | 650,000 | 100,000 | 100,000 | 100,000 | - | 950,000 |
| STWTP Capital Equipment Replacement: 3200079 | General Obligation Bonds | 250,000 | 250,000 | 250,000 | - | 250,000 | 1,000,000 |
| | Excise Tax Bonds | - | - | - | 250,000 | - | 250,000 |
| | Project Total | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| STWTP Security Lighting: N/A | General Obligation Bonds | - | 2,378,900 | - | - | - | 2,378,900 |
| STWTP Water Quality Improvement: 3203211 | General Obligation Bonds | 7,260,000 | 9,780,000 | 1,030,000 | - | - | 18,070,000 |
| | Development Fees | - | - | 1,250,000 | - | - | 1,250,000 |
| | Project Total | 7,260,000 | 9,780,000 | 2,280,000 | - | - | 19,320,000 |
| Undergrounding of Water Aqueduct at the JGMWTP: N/A | General Obligation Bonds | - | - | - | - | 2,107,000 | 2,107,000 |
| Update the Integrated Master Plan (IMP): 3200591 | General Obligation Bonds | - | - | - | - | 500,000 | 500,000 |
| Utility Billing System Upgrade: 3209289 | General Obligation Bonds | 1,200,000 | - | - | - | - | 1,200,000 |
| Water Line Replacement and Repair: 3299989 | General Obligation Bonds | 850,000 | 850,000 | 4,000,000 | - | 2,750,000 | 8,450,000 |
| | Excise Tax Bonds | - | - | - | 2,750,000 | - | 2,750,000 |
| | Development Fees | - | - | - | 1,250,000 | 1,250,000 | 2,500,000 |
| | Project Total | 850,000 | 850,000 | 4,000,000 | 4,000,000 | 4,000,000 | 13,700,000 |
| Water Metering Stations: 3201551 | General Obligation Bonds | 1,064,908 | - | - | - | - | 1,064,908 |
| Water Quality Enhancements of the Water Transmission Grid: 3203529 | General Obligation Bonds | 2,725,000 | - | 2,725,000 | - | - | 5,450,000 |
| | Excise Tax Bonds | - | - | - | 1,725,000 | - | 1,725,000 |
| | Project Total | 2,725,000 | - | 2,725,000 | 1,725,000 | - | 7,175,000 |
| Waterline Upgrade / Replacement Rural (University - Apache): 3203539 | General Obligation Bonds | 291,841 | 1,655,660 | - | - | - | 1,947,501 |
| Well Rehabilitation: 3203549 | General Obligation Bonds | 93,000 | - | 93,000 | - | 93,000 | 279,000 |
| Program Total | | 31,436,147 | 24,706,561 | 12,572,001 | 7,374,000 | 9,285,000 | 85,373,709 |

Distribution System Fittings



Project Description

This Project provides for the acquisition, assembly and installation of water works infrastructure including meters, valves, fire hydrants and water lines. This project assures that all water distribution appurtenances are maintained and replaced in accordance with all state, federal and industry standards. This will make certain Tempe residents' health and well being is protected and that we are realizing all possible revenue from our meters.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,590,000 |
| Total | \$1,590,000 |

Project Number: 3299999
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$500,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$500,000 | \$400,000 | \$230,000 | \$230,000 | \$230,000 | \$1,590,000 |

Environmental Laboratory Facility



Project Description

This project involves the design and construction of a Leadership in Energy and Environmental Design (LEED) certified environmental laboratory facility to analyze the quality of drinking water and reclaimed water supplies as required under federal and state environmental laws, and to ensure the safest possible water supply. Rapidly emerging regulations governing drinking water and reclaimed water supplies have created a nearly 5-fold increase in the last 8 years in the number of analyses that Tempe must conduct to ensure compliance with Clean Water Act and Safe Drinking Water Act requirements.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$41,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$79,000 |
| Design and Engineering | \$497,000 |
| Survey / Staking | \$41,000 |
| Construction Management | \$249,000 |
| Furnishings / Equipment | \$540,000 |
| Construction / Improvement | \$4,142,000 |
| Geotech / Material Testing | \$41,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$5,630,000 |

Project Number: 3203499
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/13

2009-10 Source of Funds

Water / Wastewater Bonds \$617,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-------------|-------------|-----------|---------|--------------|
| \$617,000 | \$2,257,000 | \$2,216,000 | \$540,000 | \$0 | \$5,630,000 |

HVAC Replacement at all Three Water Wastewater Plants



Project Description

This project replaces City owned air conditioning equipment and carpet located within the three water and wastewater plants that has been identified as being ineffective, inefficient or has exceeded its life span according to the Public Works Facility Maintenance division. Replacement schedule is as follows:

2009-10: replace 14 air conditioning units and heat pumps at Johnny G. Martinez Water Treatment Plant (JGMWTP), South Tempe Water Treatment Plant (STWTP) and Kyrene Water Reclamation Facility (KWRF).

2010-11: replace 1 heat pump and other equipment at JGMWTP, STWTP & KWRF.

2011-12: replace 8 heat pumps and air conditioning units at JGMWTP, STWTP & KWRF.

Estimated Project Costs

| | |
|----------------------------|-----------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$162,000 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$162,000

Project Number: 3209369

Estimated Start Date: 07/01/08

Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$83,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|---------|---------|--------------|
| \$83,000 | \$28,000 | \$51,000 | \$0 | \$0 | \$162,000 |

JGMWTP Capital Equipment Replacement



Project Description

This project provides an annual funding mechanism to address equipment failures at the Johnny G. Martinez Water Treatment Plant (JGMWTP) that have not been specifically budgeted. Every year there are unexpected failures of pumps, valves, and other operating equipment due to fatigue, wear, structural failure and many other reasons. Comprehensive preventative maintenance programs and procedures are in place to help minimize equipment failures.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,250,000 |

Total \$1,250,000

Project Number: 3200089

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$250,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$1,250,000 |

JGMWTP Security Fence / Lighting



Project Description

This project would replace the existing chain link fence that runs along the western perimeter of the Johnny G. Martinez Water Treatment Plant, and provide perimeter lighting along the same path. The chain link fence currently in place is over 20 years old and is in need of repair. The new fence will be a higher level of security fence consisting of solid metal vertical and horizontal materials. The proposed lighting would consist of free standing poles with lighting fixtures which would illuminate the perimeter fence line. This project is a continuation of security improvements which were recommended by the assessors who conducted our vulnerability assessment per the Department of Homeland Security. This project will be effective in delaying, deterring and detecting unauthorized persons entering our secured facility.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$24,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$45,600 |
| Design and Engineering | \$50,000 |
| Survey / Staking | \$24,000 |
| Construction Management | \$144,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,400,000 |
| Geotech / Material Testing | \$24,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$2,711,600 |

Project Number: 3203509
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Water / Wastewater Bonds \$2,711,600

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$2,711,600 | \$0 | \$0 | \$0 | \$0 | \$2,711,600 |

JGMWTP Water Quality Upgrades



Project Description

This project includes the planning, design, permitting and construction of facilities to improve water quality. Additional improvements are required to meet water quality regulations. The project scope includes improvements to solids handling facilities (plate settlers and sludge holding tank), chemical feed systems and sedimentation basin improvements. Reservoir aeration and other alternatives to GAC (Granular Activated Carbon) for control of disinfection byproducts will be studied and implemented.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$90,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$240,000 |
| Design and Engineering | \$1,100,000 |
| Survey / Staking | \$50,000 |
| Construction Management | \$750,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$13,065,000 |
| Geotech / Material Testing | \$125,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$15,420,000 |

Project Number: 3201099
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/11

2009-10 Source of Funds

Water / Wastewater Bonds \$5,590,000
 Capital Projects Fund Balance \$2,200,000
 Development Fees \$1,250,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-------------|---------|---------|---------|--------------|
| \$9,040,000 | \$6,380,000 | \$0 | \$0 | \$0 | \$15,420,000 |

Ken McDonald Golf Course Recharge Project



Project Description

The project will drill and outfit one aquifer storage and recovery well at the Ken McDonald Golf course.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$84,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,400,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$1,484,000

Project Number: 3209309

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Water / Wastewater Bonds \$1,484,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$1,484,000 | \$0 | \$0 | \$0 | \$0 | \$1,484,000 |

New Production Wells



Project Description

This project will connect two Salt River Project (SRP) wells located at Kyrene South of Warner and McClintock & University, and drill and outfit one new City of Tempe well. These additional wells will provide groundwater as a backup supply during drought or plant shut down, or during water blending to improve water quality.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$26,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$75,000 |
| Design and Engineering | \$480,000 |
| Survey / Staking | \$26,000 |
| Construction Management | \$150,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,500,000 |
| Geotech / Material Testing | \$8,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$3,265,000

Project Number: 3200019

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$376,998

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-------------|--------------|
| \$376,998 | \$377,001 | \$377,001 | \$279,000 | \$1,855,000 | \$3,265,000 |

Perimeter Metering of ASU Main Campus



Project Description

This project will install perimeter metering for the ASU main campus bounded by University Dr., Rural Rd., Apache Blvd., and Mill Ave. The project will include meter vaults, meters, backflow prevention devices, and piping reconfiguration as required. The ASU main campus has numerous water mains throughout that are not accessible or maintainable due to lack of easements and placement. Perimeter metering will enable the metering of all water used on the main campus and reduce the risk of collateral damage. It also eliminates Water Department personnel from being placed in a work environment for which they are not trained nor equipped due to main location.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$17,600 |
| Land Acquisition | \$0 |
| Permit Fees | \$17,600 |
| Design and Engineering | \$105,600 |
| Survey / Staking | \$17,600 |
| Construction Management | \$52,800 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,760,000 |
| Geotech / Material Testing | \$17,600 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,988,800 |

Project Number: 3203519
Estimated Start Date: 07/01/09
Estimated Completion Date: 07/01/10

2009-10 Source of Funds

Water / Wastewater Bonds \$1,988,800

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$1,988,800 | \$0 | \$0 | \$0 | \$0 | \$1,988,800 |

Small Meter Replacement Program - 2 Inches and Under



Project Description

This project provides for the replacement of revenue generating water meters that are 15 years old or older. By replacing these meters the City will realize increased revenue and accurate water accounting. The estimated replacement schedule is as follows:

Replace approximately 11,000 small meters that are 15 years or older:
 Year 1: 5,500 meters
 Year 2: 5,500 meters

Ongoing replacement program:
 Year 3: 850 meters
 Year 4: 850 meters
 Year 5: 850 meters

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$950,000 |
| Total | \$950,000 |

Project Number: 3209319
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$650,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|---------|--------------|
| \$650,000 | \$100,000 | \$100,000 | \$100,000 | \$0 | \$950,000 |

STWTP Capital Equipment Replacement



Project Description

This project provides an annual funding mechanism to address equipment failures at the South Tempe Water Treatment Plant (STWTP) that have not been specifically budgeted. Every year there are unexpected failures of pumps, valves, and other operating equipment due to fatigue, wear, structural failure and many other reasons. Comprehensive preventative maintenance programs and procedures are in place to help minimize equipment failures.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,250,000 |
| Total | \$1,250,000 |

Project Number: 3200079
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$250,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$1,250,000 |

STWTP Security Lighting



Project Description

The lighting proposed for this site would be of both free standing poles and wall mounted fixtures that would provide sufficient illumination for deterrence and detection of unauthorized persons. The primary focus of lighting would be along the southern, western and northern perimeters of the site where there is minimal to non existent pole lighting. This project is a continuation of the security improvements as recommended by the assessors who conducted our vulnerability assessment per the Department of Homeland Security. This project will be effective in delaying, deterring and detecting unauthorized persons entering our secured facility.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$21,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$39,900 |
| Design and Engineering | \$50,000 |
| Survey / Staking | \$21,000 |
| Construction Management | \$126,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,100,000 |
| Geotech / Material Testing | \$21,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$2,378,900 |

Project Number: N/A
Estimated Start Date: 07/01/10
Estimated Completion Date: 06/30/11

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|-------------|---------|---------|---------|--------------|
| \$0 | \$2,378,900 | \$0 | \$0 | \$0 | \$2,378,900 |

STWTP Water Quality Improvement



Project Description

This project includes the planning, design, permitting and construction of additional treatment facilities at the South Tempe Water Treatment Plant. Improvements are required to replace aging equipment, and to meet current and future water quality regulations. This project also includes a comprehensive study of treatment alternatives. Anticipated improvements include the addition of reservoir aeration, new powdered activated carbon lines, improved coagulant dosing, a reservoir chlorine dosing system, additional sludge drying beds, well water discharge structures, reservoir drains and replacement of the finished water pump station. Major operating impacts to this project include additional electrical and chemical use.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$150,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$300,000 |
| Design and Engineering | \$1,900,000 |
| Survey / Staking | \$160,000 |
| Construction Management | \$950,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$15,700,000 |
| Geotech / Material Testing | \$160,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$19,320,000 |

Project Number: 3203211
Estimated Start Date: 07/01/09
Estimated Completion Date: 12/31/12

2009-10 Source of Funds

Water / Wastewater Bonds \$7,260,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-------------|-------------|---------|---------|--------------|
| \$7,260,000 | \$9,780,000 | \$2,280,000 | \$0 | \$0 | \$19,320,000 |

Undergrounding of Water Aqueduct at the JGMWTP



Project Description

This project will replace the water aqueduct or flume that supplies raw water to the JGM Water Treatment Facility with an underground pipe. The vulnerability assessment of the Water Utilities Department indicated that this piece of infrastructure needed addressing. Recently extensive repairs to the leaking joints in the flume have been performed and the expected life of these repairs is 7-10 years.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$17,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$33,000 |
| Design and Engineering | \$206,000 |
| Survey / Staking | \$17,000 |
| Construction Management | \$103,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,714,000 |
| Geotech / Material Testing | \$17,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$2,107,000 |

Project Number: N/A
Estimated Start Date: 07/01/15
Estimated Completion Date: 03/31/17

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|---------|-------------|--------------|
| \$0 | \$0 | \$0 | \$0 | \$2,107,000 | \$2,107,000 |

Update the Integrated Master Plan (IMP)



Project Description

The Water Utilities Department completed the first master planning effort for water, wastewater, storm water and flood irrigation in FY 2000. The Integrated Master Plan (IMP) serves as a functional financial model that aids in CIP planning and rate setting. In order to continually meet service delivery goals it is necessary to regularly update the master plan. Because of the projected intense capital spending projected to meet growing service demand, it is imperative to update the master plan initially on a three-year cycle. If growth slows in the future the period between IMP updates may be increased. This project provides funding to facilitate the IMP recommended update.

2009-10 Source of Funds

N/A

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$500,000 |
| Total | \$500,000 |

Project Number: 3200591
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|---------|-----------|--------------|
| \$0 | \$0 | \$0 | \$0 | \$500,000 | \$500,000 |

Utility Billing System Upgrade



Project Description

This project is for the upgrade / replacement of the Utility Billing software application. Currently, the Banner utility billing system bills an estimated \$56 million annually for the City's Water, Sewer and Solid Waste services for approximately 42,000 accounts. The current system has been operational since June 2001 with expected replacement for June 2010 (a nine year life). Modifications to the original software and the fact that a current software maintenance agreement is not in place, necessitates system replacement. Annual maintenance cost is estimated to be \$110,000 starting in FY 2009-10.

2009-10 Source of Funds

Water / Wastewater Bonds \$1,200,000

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$1,200,000 |
| Other Project Costs | \$0 |
| Total | \$1,200,000 |

Project Number: 3209289
Estimated Start Date: 07/01/08
Estimated Completion Date: 07/01/10

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$1,200,000 | \$0 | \$0 | \$0 | \$0 | \$1,200,000 |

Water Line Replacement and Repair



Project Description

The WUD Integrated Master Plan identifies most of the specific waterlines that need to be replaced to meet increasing demands. This project provides a recurring funding source to replace water lines that break during normal operation or that have reached their useful life.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$13,700,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$13,700,000 |

Project Number: 3299989
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$850,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-------------|-------------|-------------|--------------|
| \$850,000 | \$850,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$13,700,000 |

Water Metering Stations



Project Description

This project provides for the design and construction of nine flow and water quality monitoring stations dispersed throughout the water distribution system. It is difficult to monitor water quality once water leaves the water treatment plants. The addition of these stations will provide continuous, real-time data that can be used in conjunction with existing computer models to more accurately measure the movement of water and monitor changes in water quality through the system.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$89,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$960,908 |
| Geotech / Material Testing | \$15,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,064,908 |

Project Number: 3201551
Estimated Start Date: Ongoing
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Water / Wastewater Bonds \$1,064,908

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$1,064,908 | \$0 | \$0 | \$0 | \$0 | \$1,064,908 |

Water Quality Enhancements of the Water Transmission Grid



Project Description

This project provides for the retirement of 24 inch diameter transmission mains in various locations. The planned order of retirement is as follows:

- 1.) Price Rd. from University to Southern (2 mi.)
- 2.) Kyrene Rd. from Guadalupe to Warner (2 mi.)
- 3.) Priest Dr. from Elliot to Warner (1 mi.)
- 4.) University Dr. from McClintock to Price (1 mi.)
- 5.) Rural Rd. from Guadalupe to Warner (2 mi.)
- 6.) Price Rd. from baseline to Guadalupe (1 mi.)

These mains are to be physically separated from the remaining water delivery system and interconnections are to be severed and appropriately plugged to maintain system integrity. This retirement will reduce "horizontal reservoir" storage by more than one million gallons in areas of relatively small demand, significantly improving disinfection byproducts (DBPs) levels.

2009-10 Source of Funds

Water / Wastewater Bonds \$2,725,000

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$75,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$150,000 |
| Design and Engineering | \$150,000 |
| Survey / Staking | \$75,000 |
| Construction Management | \$150,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$6,500,000 |
| Geotech / Material Testing | \$75,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$7,175,000

Project Number: 3203529

Estimated Start Date: 04/01/09

Estimated Completion Date: 01/01/12

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|-------------|-------------|---------|--------------|
| \$2,725,000 | \$0 | \$2,725,000 | \$1,725,000 | \$0 | \$7,175,000 |

Waterline Upgrade / Replacement Rural (University - Apache)



Project Description

This project will replace / upgrade the existing 14 inch cast iron pipe between University and Apache. Approximately 2,600 feet of 16 inch ductile iron pipe will be tied to the 30 inch transmission main at University and Apache. New fire hydrants, gate valves, onsite fire suppression system connections, services/meters, and connections to the distribution system will be included. The existing pipe was installed in 1964/68 and is nearing the end of its design life. In addition the non-standard diameter makes new connections and repairs more expensive and of longer duration. This also provides for increased service demands by ASU.

2009-10 Source of Funds

Water / Wastewater Bonds \$291,841

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$19,480 |
| Land Acquisition | \$0 |
| Permit Fees | \$38,961 |
| Design and Engineering | \$233,400 |
| Survey / Staking | \$19,480 |
| Construction Management | \$116,700 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,500,000 |
| Geotech / Material Testing | \$19,480 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$1,947,501

Project Number: 3203539

Estimated Start Date: 07/01/09

Estimated Completion Date: 09/30/10

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-------------|---------|---------|---------|--------------|
| \$291,841 | \$1,655,660 | \$0 | \$0 | \$0 | \$1,947,501 |

Well Rehabilitation



Project Description

This project provides for rehabilitation and major structural repair of existing City supply wells.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$3,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$6,000 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$270,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$279,000 |

Project Number: 3203549
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water/ Wastewater Bonds \$93,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|---------|----------|---------|----------|--------------|
| \$93,000 | \$0 | \$93,000 | \$0 | \$93,000 | \$279,000 |

2009-10 CIP Projects - Wastewater Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|-------------------------------|------------------------------|----------------------------|-------------------|-------------------|-------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| 91st Avenue WWTP: 3200129 | General Obligation Bonds | 9,050,000 | 11,250,000 | 6,100,000 | - | 8,750,000 | 35,150,000 |
| | Excise Tax Bonds | - | - | 5,650,000 | 10,750,000 | - | 16,400,000 |
| | Capital Projects Fund Balance | 2,200,000 | - | - | - | - | 2,200,000 |
| | Development Fees | 1,250,000 | 1,250,000 | 1,250,000 | 1,250,000 | 1,250,000 | 6,250,000 |
| | Project Total | 12,500,000 | 12,500,000 | 13,000,000 | 12,000,000 | 10,000,000 | 60,000,000 |
| Kyrene Water Reclamation Plant Equipment Replacement: 3209409 | General Obligation Bonds | 100,000 | 150,000 | 200,000 | - | 250,000 | 700,000 |
| | Excise Tax Bonds | - | - | - | 250,000 | - | 250,000 |
| | Project Total | 100,000 | 150,000 | 200,000 | 250,000 | 250,000 | 950,000 |
| Sewer Line Replacement and Repair: 3299969 | General Obligation Bonds | 750,000 | 750,000 | 2,000,000 | - | 2,000,000 | 5,500,000 |
| | Excise Tax Bonds | - | - | - | 2,000,000 | - | 2,000,000 |
| | Project Total | 750,000 | 750,000 | 2,000,000 | 2,000,000 | 2,000,000 | 7,500,000 |
| Sewer Replacement / Upsize - 5th Street Price to Smith: N/A | General Obligation Bonds | - | - | - | - | 2,296,500 | 2,296,500 |
| | Excise Tax Bonds | - | - | - | 278,250 | - | 278,250 |
| | Project Total | - | - | - | 278,250 | 2,296,500 | 2,574,750 |
| Sewer Replacement / Upsize Smith Rd Apache to University: 3209389 | General Obligation Bonds | - | 280,350 | 2,312,700 | - | - | 2,593,050 |
| Sewer Upgrade - Farmer 12-inch: 3200139 | Excise Tax Bonds | - | - | - | 361,000 | - | 361,000 |
| Southern Avenue Interceptor (SAI) Rehabilitation: 3200589 | General Obligation Bonds | - | - | 527,000 | - | - | 527,000 |
| | Excise Tax Bonds | - | - | - | 8,433,000 | - | 8,433,000 |
| | City of Mesa | - | - | 527,000 | 8,433,000 | - | 8,960,000 |
| | Project Total | - | - | 1,054,000 | 16,866,000 | - | 17,920,000 |
| Program Total | | 13,350,000 | 13,680,350 | 18,566,700 | 31,755,250 | 14,546,500 | 91,898,800 |

91st Avenue Wastewater Treatment Plant



Project Description

This project represents Tempe's share of all capital activities at the 91st Avenue WWTP including treatment capacity expansion projects, capital equipment replacement, modifications and additions to meet regulatory requirements, process enhancements, and capacity expansion of the jointly owned trunk sewer lines that convey wastewater flows to the plant. The 91st Avenue Wastewater Treatment Plant (WWTP) is a regional treatment facility that is jointly owned by five valley cities and is operated by the City of Phoenix. The 91st Avenue WWTP represents the majority of Tempe's wastewater treatment program.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$60,000,000 |
| Total | \$60,000,000 |

Project Number: 3200129
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

| | |
|-------------------------------|-------------|
| Water / Wastewater Bonds | \$9,050,000 |
| Capital Projects Fund Balance | \$2,200,000 |
| Development Fees | \$1,250,000 |

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|--------------|--------------|--------------|--------------|--------------|--------------|
| \$12,500,000 | \$12,500,000 | \$13,000,000 | \$12,000,000 | \$10,000,000 | \$60,000,000 |

Kyrene Water Reclamation Plant Equipment Replacement



Project Description

This project provides an annual funding mechanism to address equipment failures that have not been specifically budgeted. Every year there are unexpected failures of pumps, valves, and other operating equipment due to fatigue, wear, and structural failure. Comprehensive preventative maintenance programs and procedures are in place to help minimize equipment failures.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$950,000 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$950,000 |

Project Number: 3209409
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

| | |
|--------------------------|-----------|
| Water / Wastewater Bonds | \$100,000 |
|--------------------------|-----------|

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$100,000 | \$150,000 | \$200,000 | \$250,000 | \$250,000 | \$950,000 |

Sewer Line Replacement and Repair



Project Description

The Water Utility Department Integrated Master Plan (IMP) identifies most of the specific sewer lines that need to be replaced to meet increasing wastewater flows. This project provides a recurring funding source to replace sewer lines that break during normal operation.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$7,500,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$7,500,000

Project Number: 3299969

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

Water / Wastewater Bonds \$750,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-------------|-------------|-------------|--------------|
| \$750,000 | \$750,000 | \$2,000,000 | \$2,000,000 | \$2,000,000 | \$7,500,000 |

Sewer Replacement / Upsize - 5th Street Price to Smith



Project Description

This project will replace and upsize an estimated 2,650 feet of existing 15 inch sanitary sewer due to insufficient capacity. New sewer will be 18 inches in diameter. The project will alleviate high flow conditions and facilitate Apache Blvd. re-development.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$19,875 |
| Land Acquisition | \$0 |
| Permit Fees | \$19,875 |
| Design and Engineering | \$238,500 |
| Survey / Staking | \$19,875 |
| Construction Management | \$119,250 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,987,500 |
| Geotech / Material Testing | \$19,875 |
| Utility Relocation Fees | \$150,000 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$2,574,750

Project Number: N/A

Estimated Start Date: 07/01/13

Estimated Completion Date: 09/30/14

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|-----------|-------------|--------------|
| \$0 | \$0 | \$0 | \$278,250 | \$2,296,500 | \$2,574,750 |

Sewer Replacement / Upsize Smith Rd Apache to University



Project Description

This project will replace and upsize an estimated 2,670 feet of existing 12 to 15 inch sanitary sewer due to insufficient capacity. New sewer will be 18 inches in diameter. The project will alleviate high flow conditions and facilitate Apache Blvd. re-development.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$20,025 |
| Land Acquisition | \$0 |
| Permit Fees | \$20,025 |
| Design and Engineering | \$240,300 |
| Survey / Staking | \$20,025 |
| Construction Management | \$120,150 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,002,500 |
| Geotech / Material Testing | \$20,025 |
| Utility Relocation Fees | \$150,000 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$2,593,050 |

Project Number: 3209389
Estimated Start Date: 07/01/11
Estimated Completion Date: 09/30/12

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|-----------|-------------|---------|---------|--------------|
| \$0 | \$280,350 | \$2,312,700 | \$0 | \$0 | \$2,593,050 |

Sewer Upgrade - Farmer 12-inch



Project Description

This project will replace approximately 1,300 feet of existing 8 inch sanitary sewer with a new 12 inch sewer. The Wastewater Master Plan identified this reach of sewer as being under capacity for the anticipated future development in this area.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$6,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$11,000 |
| Design and Engineering | \$70,000 |
| Survey / Staking | \$6,000 |
| Construction Management | \$35,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$227,000 |
| Geotech / Material Testing | \$6,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$361,000 |

Project Number: 3200139
Estimated Start Date: 07/01/12
Estimated Completion Date: 06/30/13

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|-----------|---------|--------------|
| \$0 | \$0 | \$0 | \$361,000 | \$0 | \$361,000 |

Southern Avenue Interceptor (SAI) Rehabilitation



Project Description

The Southern Avenue Interceptor (SAI) is a jointly owned regional sewer that runs through Tempe. This project rehabilitates the SAI within the limits of the City of Tempe. An engineering condition assessment study revealed severe corrosion of this unlined concrete sewer line and recommended a phased rehabilitation or replacement of this line to protect it from eventual collapse. This project combines all phases of the multi-year rehabilitation of the SAI into a single project. Phase I was completed in 2006. Costs for Phases II and III are included in this CIP. The project will be jointly funded by both Tempe and Mesa.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$14,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$20,000 |
| Design and Engineering | \$900,000 |
| Survey / Staking | \$120,000 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$16,066,000 |
| Geotech / Material Testing | \$800,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$17,920,000 |

Project Number: 3200589
Estimated Start Date: Ongoing
Estimated Completion Date: 12/31/12

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|-------------|--------------|---------|--------------|
| \$0 | \$0 | \$1,054,000 | \$16,866,000 | \$0 | \$17,920,000 |

This section describes Special Purpose capital projects which include projects with dedicated revenues for Transit and Rio Salado.



Clockwise from top: Light rail; Tempe Town Lake west end dam; East Valley Bus Operations Maintenance Facility.

Special Purpose

Special Purpose

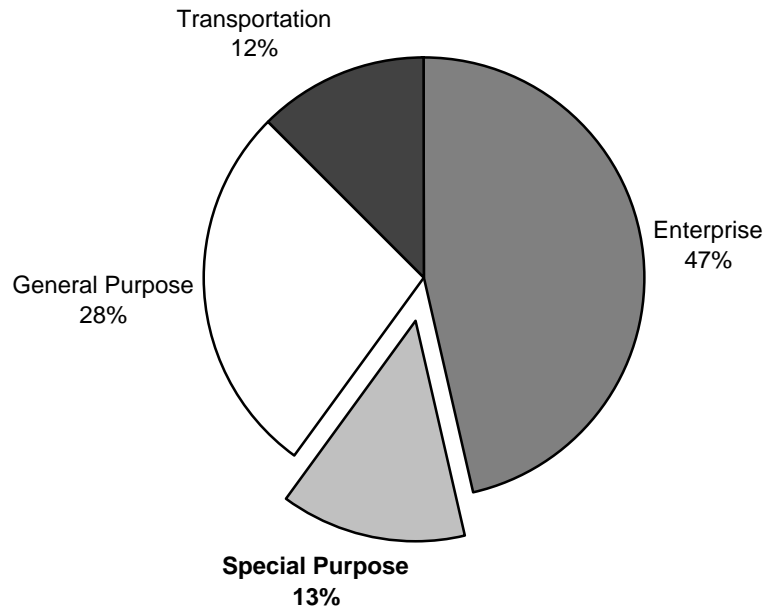


The Special Purpose component of the Capital Improvements Program includes the Transit and Rio Salado capital programs. Combined, they constitute \$13 million of the \$96 million Capital Improvements Budget for FY 2009-10.

The Transit program decreased approximately 80% from the prior fiscal year due in large part to the 2008 completion of the Central Phoenix / East Valley Light Rail Transit System. As a result, the use of proceeds from Tempe's voter approved Transit Tax as a funding source for the Transit capital program has also decreased drastically. Federal grants remain the primary funding source for the program.

The Rio Salado capital program relates to projects constructed within the district established around the Tempe Town Lake and is almost completely funded by outside sources in FY 2009-10.

Major projects in FY 2009-10 include: **Transit** - upgrades to the City's East Valley Bus Operations and Maintenance facility, and pedestrian improvements on Broadway Road between Mill and Rural Avenues; **Rio Salado** - initial replacement of the Tempe Town Lake dam.



| CAPITAL PROGRAM | |
|------------------------------|---------------------|
| PROGRAM | FY 2009-10 |
| Enterprise | 44,786,147 |
| Special Purpose | 12,975,500 |
| General Purpose | 26,578,232 |
| Transportation | 11,970,689 |
| TOTAL CAPITAL PROGRAM | \$96,310,568 |

2009-10 CIP Projects - Transit Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|------------------------------|------------------------------|----------------------------|------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Broadway Road Streetscape and Pedestrian Improvements Mill-Rural: 6003059 | Federal Grants | 2,571,780 | - | - | - | - | 2,571,780 |
| | Transit Tax | 428,220 | - | - | - | - | 428,220 |
| | Project Total | 3,000,000 | - | - | - | - | 3,000,000 |
| Bus Stop Improvements: 6003579 | Regional Transportation Fund | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| | Transit Tax | - | 25,000 | 25,000 | 25,000 | 25,000 | 100,000 |
| | Project Total | 250,000 | 125,000 | 125,000 | 125,000 | 125,000 | 750,000 |
| EVBOB Facility Upgrade / Expansion: 6003589 | Federal Grants | 6,500,000 | - | - | - | - | 6,500,000 |
| Hardy Drive Pedestrian Street Improvement: N/A | Federal Grants | - | - | 120,000 | - | - | 120,000 |
| | Transit Tax | - | - | - | 1,194,000 | - | 1,194,000 |
| | Project Total | - | - | 120,000 | 1,194,000 | - | 1,314,000 |
| I-10 and Alameda Drive Bicycle and Pedestrian Crossing: N/A | Federal Grants | - | - | - | - | 1,200,000 | 1,200,000 |
| | Transit Tax | - | - | - | - | 68,240 | 68,240 |
| | Project Total | - | - | - | - | 1,268,240 | 1,268,240 |
| Install CCTV monitoring stations - LRT Signal Intersections: N/A | Federal Grants | - | - | 286,540 | - | - | 286,540 |
| | Transit Tax | - | - | 122,803 | - | - | 122,803 |
| | Project Total | - | - | 409,343 | - | - | 409,343 |
| University Drive Street Improvement - Priest / Mill: N/A | Federal Grants | - | - | 1,500,000 | - | - | 1,500,000 |
| | Transit Tax | - | 120,000 | 400,000 | - | - | 520,000 |
| | Project Total | - | 120,000 | 1,900,000 | - | - | 2,020,000 |
| Program Total | | 9,750,000 | 245,000 | 2,554,343 | 1,319,000 | 1,393,240 | 15,261,583 |

Broadway Road Streetscape and Pedestrian Improvements Mill - Rural



Project Description

The Broadway Road Pedestrian and Bicycle Improvement Project is approximately one mile between Mill Ave and Rural Road. The project consists of pedestrian and bicycle facility improvements along an arterial street fronted by single family residential units. Work to be performed could include striping for bike lanes, the widening of sidewalks, construction of planted medians, protection from noise, pedestrian safety, reduction of speed limit, provisions for mid-block crossings and providing transit and pedestrian amenities. The proposed project area has a high volume of pedestrian and bicycle travel due to its proximity to ASU and downtown Tempe. Area residents are advocating changing the character of the street to reflect the residential uses on this stretch of Broadway Road, which differs significantly with the rest of corridor. The design of the Broadway Road project was a product of extensive community dialogues.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$26,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$49,000 |
| Design and Engineering | \$117,000 |
| Survey / Staking | \$26,000 |
| Construction Management | \$156,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,600,000 |
| Geotech / Material Testing | \$26,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$3,000,000 |

Project Number: 6003059
Estimated Start Date: 10/01/08
Estimated Completion Date: 12/31/10

2009-10 Source of Funds

| | |
|----------------|-------------|
| Federal Grants | \$2,571,780 |
| Transit Tax | \$428,220 |

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$3,000,000 | \$0 | \$0 | \$0 | \$0 | \$3,000,000 |

Bus Stop Improvements



Project Description

This project provides for ongoing construction, installation and improvement of bus shelters and passenger amenities.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$6,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$12,000 |
| Design and Engineering | \$72,000 |
| Survey / Staking | \$6,000 |
| Construction Management | \$36,000 |
| Furnishings / Equipment | \$12,000 |
| Construction / Improvement | \$600,000 |
| Geotech / Material Testing | \$6,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$750,000 |

Project Number: 6003579
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

| | |
|------------------------------|-----------|
| Regional Transportation Fund | \$250,000 |
|------------------------------|-----------|

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$250,000 | \$125,000 | \$125,000 | \$125,000 | \$125,000 | \$750,000 |

East Valley Bus Operations and Maintenance Facility Upgrade / Expansion



Project Description

The project is for the expansion of the East Valley Bus Operations and Maintenance Facility. The project will complete the expansion and needed improvements at the facility to support the different and new generation of buses being used in the region. The project entails the construction of additional bus parking; bus shade structures; parking for paratransit fleet; installation of equipment upgrades; expansion of CNG fueling capacity; construction of a bio-diesel fueling station; installation of additional security cameras; additional improvements to meet employee needs; and construction of a shaded defueling facility.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$52,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$105,000 |
| Design and Engineering | \$500,000 |
| Survey / Staking | \$55,000 |
| Construction Management | \$330,000 |
| Furnishings / Equipment | \$20,000 |
| Construction / Improvement | \$5,245,000 |
| Geotech / Material Testing | \$55,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$13,000 |
| Other Project Costs | \$125,000 |
| Total | \$6,500,000 |

Project Number: 6003589
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Federal Grants \$6,500,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$6,500,000 | \$0 | \$0 | \$0 | \$0 | \$6,500,000 |

Hardy Drive Pedestrian Street Improvement



Project Description

The Hardy Road Pedestrian and Bicycle Improvement Project is approximately one mile in length between Broadway Road and University Drive. The project consists of pedestrian and bicycle facility improvements along a collector street fronted primarily by single family residential units. The proposed project area has a high volume of pedestrian and bicycle travel due to its proximity to ASU, Downtown Tempe, Rio Salado and the high industrial and office employment area south of the project. Area residents are advocating retaining the neighborhood character of the street to reflect the residential uses. The project will consist of design and construction aimed at providing pedestrian, bicycle and transit improvements on Hardy Drive including; striping for bike lanes, widening of sidewalks and providing bulb-outs at critical intersections, reduction of existing travel lane widths, construction of planted medians, protection from intrusion of commercial truck traffic, improved pedestrian safety, reduction of speed limits, construction of mid-block crossings and providing transit, bicycle and pedestrian amenities.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$10,000 |
| Land Acquisition | \$11,000 |
| Permit Fees | \$18,000 |
| Design and Engineering | \$200,000 |
| Survey / Staking | \$10,000 |
| Construction Management | \$57,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$950,000 |
| Geotech / Material Testing | \$10,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$48,000 |
| Total | \$1,314,000 |

Project Number: N/A
Estimated Start Date: 10/01/11
Estimated Completion Date: 12/31/12

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|-----------|-------------|---------|--------------|
| \$0 | \$0 | \$120,000 | \$1,194,000 | \$0 | \$1,314,000 |

I-10 and Alameda Drive Bicycle and Pedestrian Crossing



Project Description

The I-10 - Alameda Bicycle and Pedestrian Crossing project is located at Alameda Drive and the Interstate 10 Freeway. The project will provide a non-motorized east-west bicycle and pedestrian connectivity that will link residential developments with employment destinations and regional recreational facilities. The project will also provide a much-needed link that will shorten the commute for bicyclists heading to downtown Tempe and ASU. Work to be performed includes design, and acquisition of ramp easements as needed. The project will be constructed with the I-10 corridor improvements programmed in the Regional Transportation Plan.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$468,240 |
| Permit Fees | \$0 |
| Design and Engineering | \$800,000 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,268,240 |

Project Number: N/A
Estimated Start Date: 10/01/13
Estimated Completion Date: 12/31/14

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|---------|-------------|--------------|
| \$0 | \$0 | \$0 | \$0 | \$1,268,240 | \$1,268,240 |

Install CCTV monitoring stations - LRT Signal Intersections



Project Description

This project will install Closed Circuit Television (CCTV) monitoring at traffic signals along the Tempe portion of the light rail corridor. The project will be used to monitor and adjust signal timing to improve traffic flow along the light rail corridor.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$409,343 |
| Total | \$409,343 |

Project Number: N/A
Estimated Start Date: 07/01/11
Estimated Completion Date: 06/30/12

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|-----------|---------|---------|--------------|
| \$0 | \$0 | \$409,343 | \$0 | \$0 | \$409,343 |

University Drive Street Improvement - Priest / Mill



Project Description

The University Drive improvement Project is approximately one mile between Mill Ave. and Priest Drive. The project consists of designing and constructing pedestrian and bicycle facility improvements along an arterial street. Work could include: acquisition of sidewalk easements as needed; demolition of some existing sidewalk; curb and gutter; construction of new sidewalk; curb ramps, on-street parking areas; installation and relocation of pedestrian scale street lights; and, installation of landscaping and providing transit and pedestrian amenities. The goal of the project is to enhance travel options for people of all ages and non-motorized users including: middle school students, elementary school children, seniors, professionals and college students accessing commercial centers, local parks, downtown Tempe, and ASU. The project fulfills the Tempe General Plan 2030 objective of increasing mode share for non-motorized travel.

2009-10 Source of Funds

N/A

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$10,000 |
| Land Acquisition | \$11,000 |
| Permit Fees | \$18,000 |
| Design and Engineering | \$154,000 |
| Survey / Staking | \$10,000 |
| Construction Management | \$57,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,750,000 |
| Geotech / Material Testing | \$10,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$2,020,000 |

Project Number: N/A

Estimated Start Date: 10/01/10

Estimated Completion Date: 12/31/11

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|-----------|-------------|---------|---------|--------------|
| \$0 | \$120,000 | \$1,900,000 | \$0 | \$0 | \$2,020,000 |

2009-10 CIP Projects - Rio Salado Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|---|-------------------------------|------------------------------|----------------------------|----------------|------------------|-------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Elements TCA an Arts Community: 6707029 | Land Sale Proceeds - Rio East | - | - | - | 6,500,000 | - | 6,500,000 |
| Rio East Park: 6509179 | Land Sale Proceeds - Rio East | - | - | - | 1,727,664 | - | 1,727,664 |
| Rio Salado Ancillary Projects: 656931A | Capital Improvements Reserve | 100,000 | - | - | - | - | 100,000 |
| | Land Sale Proceeds - Rio East | - | 100,000 | 100,000 | 100,000 | 100,000 | 400,000 |
| | Project Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Town Lake Downstream Dam Repairs - ADWR: 6503599 | Land Sale Proceeds - Rio East | 125,500 | 614,500 | - | - | - | 740,000 |
| Town Lake Rubber Dam Replacement: 6503069 | Bridgestone Reimbursement | 3,000,000 | - | - | - | - | 3,000,000 |
| | Land Sale Proceeds - Rio East | - | - | - | - | 7,500,000 | 7,500,000 |
| | Mondrian Agreement | - | - | - | - | 11,100,000 | 11,100,000 |
| | Project Total | 3,000,000 | - | - | - | 18,600,000 | 21,600,000 |
| Program Total | | 3,225,500 | 714,500 | 100,000 | 8,327,664 | 18,700,000 | 31,067,664 |

Elements TCA an Arts Community



Project Description

Preliminary stages of this project entail the acquisition of land between Hardy and Priest Drives, completion of Phase 2 environmental studies, and environmental (Brownfield) remediation to prepare sites for redevelopment in accordance with potential art related land uses.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$6,500,000 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$6,500,000

Project Number: 6707029

Estimated Start Date: 03/01/10

Estimated Completion Date: 02/01/13

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|-------------|---------|--------------|
| \$0 | \$0 | \$0 | \$6,500,000 | \$0 | \$6,500,000 |

Rio East Park



Project Description

This project is to include the initiation of a public pier / dock with on-water storage and a pedestrian connection from levee to dock. This project will serve to provide the first of many publically accessible piers and on-water storage of boats.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$32,074 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$23,541 |
| Construction / Improvement | \$1,596,949 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$75,100 |

Total \$1,727,664

Project Number: 6509179

Estimated Start Date: 09/01/08

Estimated Completion Date: 06/30/13

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|-------------|---------|--------------|
| \$0 | \$0 | \$0 | \$1,727,664 | \$0 | \$1,727,664 |

Rio Salado Ancillary Projects



Project Description

This project will fund the various minor projects that become necessary at Tempe Town Lake, Tempe Beach Park, and the linear park system.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$5,000 |
| Design and Engineering | \$30,000 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$450,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$15,000 |
| Total | \$100,000 |

Project Number: 656931A
Estimated Start Date: 06/17/99
Estimated Completion Date: 06/30/14

2009-10 Source of Funds

Capital Improvements Reserve \$100,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 |

Town Lake Downstream Dam Repairs - ADWR



Project Description

This project will complete required repairs to the Town Lake's downstream dam area as required by Arizona Department of Water Resources (ADWR). One phase is to complete repairs of the rip-rap that is placed for scour control. The other phases include completing some concrete patch work and replacing piezometer cables so that groundwater level reading can resume.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$5,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$11,512 |
| Design and Engineering | \$71,580 |
| Survey / Staking | \$5,965 |
| Construction Management | \$35,790 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$596,500 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$13,653 |
| Total | \$740,000 |

Project Number: 6503599
Estimated Start Date: 07/01/09
Estimated Completion Date: 04/30/11

2009-10 Source of Funds

Land Sale Proceeds - Rio East \$125,500

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|---------|---------|---------|--------------|
| \$125,500 | \$614,500 | \$0 | \$0 | \$0 | \$740,000 |

Town Lake Rubber Dam Replacement



Project Description

This project provides funding for the installation of a new Town Lake dam in the next fiscal year, and funding for the acquisition and installation of a new dam in future years. Dam replacement includes the potential to retrofit the pumphouse and piping within the dam foundation.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$386,000 |
| Design and Engineering | \$1,100,000 |
| Survey / Staking | \$200,000 |
| Construction Management | \$1,200,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$18,714,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$21,600,000 |

Project Number: 6503069
Estimated Start Date: 10/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Bridgestone Reimbursement \$3,000,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|--------------|--------------|
| \$3,000,000 | \$0 | \$0 | \$0 | \$18,600,000 | \$21,600,000 |

This section describes General Purpose capital projects which include projects for Police, Fire, Storm Drains, Park Improvements and General Governmental.



General Purpose

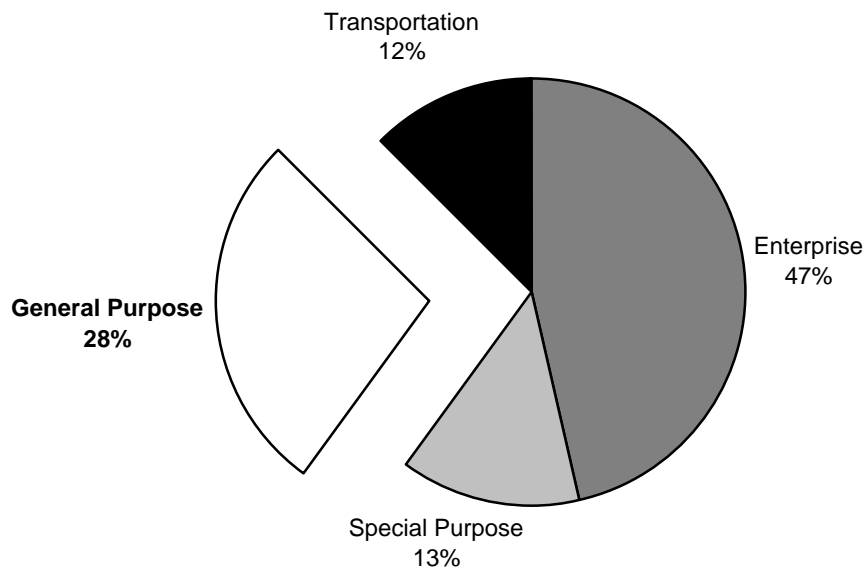
Clockwise from top: Tempe Public Library; Tempe Fire Department; Eisendrath House.

General Purpose



The General Purpose component of the Capital Improvements Program includes Police Protection, Fire Protection, Storm Drains, Park Improvements, and General Governmental programs. Combined, they constitute \$26.6 million of the \$96 million Capital Improvements Budget for FY 2009-10. A total of \$22.5 million in General Obligation bonds will be sold to provide the bulk of the funding for these projects. The balance will come from capital project fund balances, and transfers from other City funds.

Major projects in FY 2009-10 include: **Police** - continued funding for a new police radio system; **Fire** - continued funding for the acquisition and rehabilitation of a new Support Services Facility, and new funding to reconstruct Fire Station 2; **Storm Drains** - continued funding for various storm drain extensions; **Park Improvements** - continued funding for the renovation and restoration of three parks per year, and the replacement of the Kiwanis Park sprinkler system; and **General Governmental** - continued funding for the renovation of the Tempe Public Library, numerous ongoing facilities repair and replacement programs, and the Municipal Arts Program.



| CAPITAL PROGRAM | |
|------------------------------|---------------------|
| PROGRAM | FY 2009-10 |
| Enterprise | \$44,786,147 |
| Special Purpose | 12,975,500 |
| General Purpose | 26,578,232 |
| Transportation | 11,970,689 |
| TOTAL CAPITAL PROGRAM | \$96,310,568 |

2009-10 CIP Projects - Police Protection Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|--------------------------|------------------------------|----------------------------|------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Police / City Radio System Replacement : 5501989 | General Obligation Bonds | 2,137,800 | 950,000 | 950,000 | 1,023,174 | 1,023,174 | 6,084,148 |
| TIPS (Technology Integrated Police Systems): 556680 | General Obligation Bonds | 291,000 | 467,000 | 332,000 | 292,000 | 292,000 | 1,674,000 |
| Program Total | | 2,428,800 | 1,417,000 | 1,282,000 | 1,315,174 | 1,315,174 | 7,758,148 |

Police / City Radio System Replacement



Project Description

This ongoing project provides for the replacement of outdated radio equipment for the Police Department and other City radio users, allowing Tempe to participate in the establishment of long term public safety interoperability in the Phoenix metro area. Currently, the two largest cities in the Phoenix metro area, Phoenix and Mesa, have partnered with Tempe to share an 800 MHz digital trunk system that allows day-to-day, real time communications over a single radio system. Additionally, the system allows other City radio users (Water, Public Works, ITD, etc.) to use the new radio system and interoperate with public safety users.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$6,084,148 |
| Other Project Costs | \$0 |
| Total | \$6,084,148 |

Project Number: 5501989
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$2,137,800

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-----------|-----------|-------------|-------------|--------------|
| \$2,137,800 | \$950,000 | \$950,000 | \$1,023,174 | \$1,023,174 | \$6,084,148 |

TIPS (Technology Integrated Police Systems)



Project Description

The Technologically Integrated Police Systems (TIPS) project provides the necessary resources to incorporate new technology in the Police Department, as well as resources to upgrade and interface existing automated systems. Planned projects include the continued development of the wireless infrastructure to accommodate additional small factor wireless devices such as Smartphone's and handheld citation units, two factor authentication for wireless devices to meet future DPS-FBI security mandates, and new hardware for increased data exchange and storage needs. Project funding also provides for a new SQL Reports server, an upgrade to the Digital Darkroom (photo evidence) system, and an upgrade to the QueTel Property System to facilitate the efficient disposition of property. Funding also provides resources for unanticipated technology costs that can be significant (e.g., failed servers, unanticipated connectivity needs, etc.). Recurring costs associated with this project include monthly costs associated with the wireless phone cards and software maintenance costs for new software.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$1,674,000 |
| Other Project Costs | \$0 |
| Total | \$1,674,000 |

Project Number: 556680
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$291,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$291,000 | \$467,000 | \$332,000 | \$292,000 | \$292,000 | \$1,674,000 |

2009-10 CIP Projects - Fire Protection Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|---|------------------------------|------------------------------|----------------------------|------------------|---------|---------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Fire Apparatus Replacement: 5603619 | General Obligation Bonds | 530,000 | - | - | - | - | 530,000 |
| Fire Laptop Replacement: 5603629 | Capital Improvements Reserve | 28,000 | - | - | - | - | 28,000 |
| Fire Station #2: 5603609 | General Obligation Bonds | 608,328 | 456,246 | 7,170,671 | - | - | 8,235,245 |
| New Support Services Facility: 5604009 | General Obligation Bonds | 7,685,639 | - | - | - | - | 7,685,639 |
| Radio Replacement for Conversion to 800MHz: 566947 | General Obligation Bonds | 171,896 | - | - | - | - | 171,896 |
| Replace Burn Room at Fire Training Center: 5609279 | General Obligation Bonds | - | - | 500,000 | - | - | 500,000 |
| Program Total | | 9,023,863 | 456,246 | 7,670,671 | - | - | 17,150,780 |

Fire Apparatus Replacement



Project Description

This project provides for the scheduled replacement of a fire truck. Timely truck replacement ensures emergency response time standards are maintained.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$530,000 |
| Total | \$530,000 |

Project Number: 5603619
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

General Obligation Bonds \$530,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|---------|---------|---------|---------|--------------|
| \$530,000 | \$0 | \$0 | \$0 | \$0 | \$530,000 |

Fire Laptop Replacement



Project Description

This project will provide for the replacement of ruggedized laptop computers used by Fire personnel in the field for electronic patient care. This system provides accurate wireless data transfer to the emergency room while en route to the hospital.

Estimated Project Costs

| | |
|----------------------------|-----------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$28,000 |
| Total | \$28,000 |

Project Number: 5603629
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Capital Improvements Reserve \$28,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|---------|---------|---------|---------|--------------|
| \$28,000 | \$0 | \$0 | \$0 | \$0 | \$28,000 |

Fire Station #2



Project Description

This project will construct a new four bay fire station on the property of the existing Fire Station 2 and Support Services facility on south Hardy. The project entails demolition of the existing Fire Station 2 and Support Services facility; therefore construction commencement is dependent on completion of the new Support Services facility project. Completion of the new Fire Station 2 will resolve the station's current lack of space and accommodate an additional fire truck.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$50,694 |
| Land Acquisition | \$0 |
| Permit Fees | \$96,319 |
| Design and Engineering | \$608,328 |
| Survey / Staking | \$50,694 |
| Construction Management | \$608,328 |
| Furnishings / Equipment | \$100,000 |
| Construction / Improvement | \$5,069,400 |
| Geotech / Material Testing | \$50,694 |
| Utility Relocation Fees | \$101,388 |
| Utility Undergrounding | \$202,776 |
| ITD / Telecommunications | \$37,050 |
| Other Project Costs | \$1,259,574 |
| Total | \$8,235,245 |

Project Number: 5603609
Estimated Start Date: 07/01/10
Estimated Completion Date: 06/30/12

2009-10 Source of Funds

General Obligation Bonds \$608,328

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-------------|---------|---------|--------------|
| \$608,328 | \$456,246 | \$7,170,671 | \$0 | \$0 | \$8,235,245 |

New Support Services Facility



Project Description

This project entails the acquisition or construction of a new Support Services Facility for the Fire Department. The existing facility is inadequate in terms of size and capabilities. The new facility will house the department's primary maintenance and warehouse areas. The facility will include expanded room for the department's vehicle maintenance and parts storage, welding area, work space, test space, and cleaning area. The facility will also house the department's primary reserve apparatus; a pumper truck and a ladder truck. These vehicles need to be kept in a fully ready state, including all equipment, and must be kept in a secure location.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$55,428 |
| Land Acquisition | \$0 |
| Permit Fees | \$105,313 |
| Design and Engineering | \$0 |
| Survey / Staking | \$55,428 |
| Construction Management | \$665,136 |
| Furnishings / Equipment | \$200,000 |
| Construction / Improvement | \$5,012,800 |
| Geotech / Material Testing | \$55,428 |
| Utility Relocation Fees | \$110,856 |
| Utility Undergrounding | \$221,712 |
| ITD / Telecommunications | \$39,550 |
| Other Project Costs | \$1,163,988 |
| Total | \$7,685,639 |

Project Number: 5604009
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

General Obligation Bonds \$7,685,639

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$7,685,639 | \$0 | \$0 | \$0 | \$0 | \$7,685,639 |

Radio Replacement for Conversion to 800 Megahertz



Project Description

This project provides additional funding for the federally mandated radio conversion to 800 MHz. The conversion will allow the department to remain on track in its partnership with the other metropolitan area cities in the Automatic Aide System.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$171,896 |
| Total | \$171,896 |

Project Number: 566947
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2009-10 Source of Funds

General Obligation Bonds \$171,896

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|---------|---------|---------|---------|--------------|
| \$171,896 | \$0 | \$0 | \$0 | \$0 | \$171,896 |

Replace Burn Room at Fire Training Center



Project Description

This project will renovate and modernize the existing fire training burn room at the Fire Training Center, which was built in 1993. The extensive use of this facility and the significant benefits has exceeded expectations. Because the building sustains damage with each live fire training, it limits the life of the building. The substantial use of the burn room for training necessitated the installation of fire resistant tiles in 2003. This installation was done as a temporary measure to extend the useful life of the building.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$500,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$500,000 |

Project Number: 5609279
Estimated Start Date: 07/01/11
Estimated Completion Date: 06/30/12

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|-----------|---------|---------|--------------|
| \$0 | \$0 | \$500,000 | \$0 | \$0 | \$500,000 |

2009-10 CIP Projects - Storm Drains Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|--------------------------|------------------------------|----------------------------|----------------|----------------|----------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Storm Drain Improvements: 5899971 | General Obligation Bonds | 275,000 | 275,000 | 300,000 | 300,000 | 350,000 | 1,500,000 |
| | Project Total | 275,000 | 275,000 | 300,000 | 300,000 | 350,000 | 1,500,000 |

Storm Drain Improvements



Project Description

This project provides for the construction of minor storm drain extensions, and equipment replacement and upgrades to relieve localized problems associated with various storm water retention facilities.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$28,808 |
| Land Acquisition | \$0 |
| Permit Fees | \$10,803 |
| Design and Engineering | \$162,045 |
| Survey / Staking | \$72,020 |
| Construction Management | \$60,017 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,079,883 |
| Geotech / Material Testing | \$86,424 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,500,000 |

Project Number: 5899971

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$275,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$275,000 | \$275,000 | \$300,000 | \$300,000 | \$350,000 | \$1,500,000 |

2009-10 CIP Projects - Park Improvements / Recreation Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|-------------------------------|------------------------------|----------------------------|------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Athletic Field Lighting Improvements: 6303089 | General Obligation Bonds | 352,500 | 402,500 | 402,500 | 455,000 | 455,000 | 2,067,500 |
| Clark Park Swimming Pool Renovation: 6303649 | General Obligation Bonds | 300,000 | 500,000 | 8,765,000 | - | - | 9,565,000 |
| Kiwanis Park Sprinkler System Replacement: 6303099 | General Obligation Bonds | 1,534,000 | - | - | - | - | 1,534,000 |
| Neighborhood Park Improvements: 6399829 | General Obligation Bonds | 375,000 | 375,000 | 400,000 | 400,000 | 450,000 | 2,000,000 |
| Park Landscaping Improvements: 6399839 | General Obligation Bonds | 162,000 | 175,000 | 190,000 | 205,000 | 221,000 | 953,000 |
| Park Renovation and Restoration (3 Parks / Year): 6399729 | General Obligation Bonds | 4,336,375 | 4,059,250 | - | 7,077,000 | 7,905,000 | 23,377,625 |
| | Capital Projects Fund Balance | 1,700,000 | - | - | - | - | 1,700,000 |
| | Project Total | 6,036,375 | 4,059,250 | - | 7,077,000 | 7,905,000 | 25,077,625 |
| Sports Facility Relamping: 636938 | General Obligation Bonds | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 300,000 |
| Street Landscaping: 6302799 | General Obligation Bonds | 125,000 | 150,000 | 150,000 | 175,000 | 175,000 | 775,000 |
| Program Total | | 8,944,875 | 5,721,750 | 9,967,500 | 8,372,000 | 9,266,000 | 42,272,125 |

Athletic Field Lighting Improvements



Project Description

This project upgrades the lighting levels at all deficient baseball, softball and multi-purpose athletic fields so that they are in compliance with Illuminating Engineering Society (I.E.S.) recommendations.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$5,000 |
| Land Acquisition | \$15,500 |
| Permit Fees | \$28,000 |
| Design and Engineering | \$216,000 |
| Survey / Staking | \$25,000 |
| Construction Management | \$115,000 |
| Furnishings / Equipment | \$75,000 |
| Construction / Improvement | \$1,420,000 |
| Geotech / Material Testing | \$25,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$143,000 |
| Total | \$2,067,500 |

Project Number: 6303089
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/14

2009-10 Source of Funds

General Obligation Bonds \$352,500

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$352,500 | \$402,500 | \$402,500 | \$455,000 | \$455,000 | \$2,067,500 |

Clark Park Swimming Pool Renovation



Project Description

This project will renovate the existing 34 year old swimming pool, and replace the existing aged recreation center with a new building connected to the pool. The entire structure is at the end of its useful cycle and major reconstruction and renovation must be performed to restore this facility so it can be used by the residents again. During the years Clark pool has been open, municipal swimming pool design and construction has changed dramatically. The new pool will include water slides, water play structures, shaded areas, variable depth water levels, concessions and water toys.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$10,000 |
| Land Acquisition | \$60,000 |
| Permit Fees | \$115,000 |
| Design and Engineering | \$1,000,000 |
| Survey / Staking | \$150,000 |
| Construction Management | \$480,000 |
| Furnishings / Equipment | \$1,000,000 |
| Construction / Improvement | \$6,000,000 |
| Geotech / Material Testing | \$150,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$600,000 |
| Total | \$9,565,000 |

Project Number: 6303649
Estimated Start Date: 01/01/10
Estimated Completion Date: 03/31/12

2009-10 Source of Funds

General Obligation Bonds \$300,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-------------|---------|---------|--------------|
| \$300,000 | \$500,000 | \$8,765,000 | \$0 | \$0 | \$9,565,000 |

Kiwanis Park Sprinkler System Replacement



Project Description

This project provides for the replacement of the more than thirty (30) year old sprinkler system in Kiwanis Park. This project will include the installation of new 6 inch water mains, valves, lateral lines & heads and controllers. In addition, it would include dedicated irrigation to park trees and drip irrigation to trees & shrubs which is not present with the existing system. This project will also include the addition of more trees & shrubs, elimination of some turf areas and establishment of xeriscaping in those areas.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,534,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,534,000 |

Project Number: 6303099
Estimated Start Date: 01/02/08
Estimated Completion Date: 04/30/10

2009-10 Source of Funds

General Obligation Bonds \$1,534,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|---------|---------|---------|---------|--------------|
| \$1,534,000 | \$0 | \$0 | \$0 | \$0 | \$1,534,000 |

Neighborhood Park Improvements



Project Description

This ongoing project provides for the replacement of playground equipment, picnic equipment, fencing, signage, concrete, sand, rubber playground surfacing, electrical / lighting, etc. in the various neighborhood parks.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$2,000,000 |
| Total | \$2,000,000 |

Project Number: 6399829
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$375,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$375,000 | \$375,000 | \$400,000 | \$400,000 | \$450,000 | \$2,000,000 |

Park Landscaping Improvements



Project Description

This ongoing project for Park Maintenance provides for the repair and replacement of landscaping in various neighborhood parks and the Mill Avenue District. Funds are used to acquire trees, shrubs, seed / sod and other planting materials to replace trees and shrubs or repair turf areas at City parks, athletic fields, building sites and in the Mill Avenue District on an annual basis.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$953,000 |
| Total | \$953,000 |

Project Number: 6399839
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$162,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$162,000 | \$175,000 | \$190,000 | \$205,000 | \$221,000 | \$953,000 |

Park Renovation and Restoration



Project Description

This project will fund the renovation of three neighborhood parks per year, and other specific park renovation projects such as upgrades to various park restrooms, restoration of the Escalante Swimming Pool amenities and replacement of the Kiwanis Park Batting Range netting.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$56,000 |
| Land Acquisition | \$173,500 |
| Permit Fees | \$330,000 |
| Design and Engineering | \$1,829,000 |
| Survey / Staking | \$430,250 |
| Construction Management | \$1,776,000 |
| Furnishings / Equipment | \$646,250 |
| Construction / Improvement | \$15,284,375 |
| Geotech / Material Testing | \$430,250 |
| Utility Relocation Fees | \$600,000 |
| Utility Undergrounding | \$1,425,000 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$2,097,000 |
| Total | \$25,077,625 |

Project Number: 6399729
Estimated Start Date: 07/01/07
Estimated Completion Date: 06/30/21

2009-10 Source of Funds

General Obligation Bonds \$4,336,375
 Capital Improvements Reserve \$1,700,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-------------|---------|-------------|-------------|--------------|
| \$6,036,375 | \$4,059,250 | \$0 | \$7,077,000 | \$7,905,000 | \$25,077,625 |

Sports Facility Relamping



Project Description

This project provides for the continued funding of a maintenance program for our sports facilities' lighting needs. This project established a plan for a regular cycle of relamping and cleaning of light fixtures at all softball/baseball fields, soccer fields, tennis / racquetball courts and park basketball/volleyball courts.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$300,000 |
| Total | \$300,000 |

Project Number: 636938
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$60,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$60,000 | \$60,000 | \$60,000 | \$60,000 | \$60,000 | \$300,000 |

Street Landscaping



Project Description

This ongoing project provides funding for improvements and replacement of trees, irrigation, finishes and other landscaping in various street rights-of-way and public properties.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$775,000 |
| Total | \$775,000 |

Project Number: 6302799
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$125,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$125,000 | \$150,000 | \$150,000 | \$175,000 | \$175,000 | \$775,000 |

2009-10 CIP Projects - General Governmental Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|-------------------------------|------------------------------|----------------------------|------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Community Relations | | | | | | | |
| Maryanne Corder Neighborhood Improvement Program: 676556 | Capital Improvements Reserve | 250,000 | - | - | - | - | 250,000 |
| | Land Sale Proceeds - Rio East | - | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |
| | Project Total | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Community Services | | | | | | | |
| Municipal Arts Program: 6699799 | Transit Fund | 32,500 | 2,450 | 25,543 | 13,190 | 13,932 | 87,616 |
| | Water / Wastewater Fund | 447,861 | 383,869 | 311,387 | 391,293 | 238,315 | 1,772,725 |
| | Project Total | 480,361 | 386,319 | 336,930 | 404,483 | 252,247 | 1,860,341 |
| Tempe Public Library Renovation: 6702499 | General Obligation Bonds | 3,536,333 | 115,000 | - | - | - | 3,651,333 |
| Development Services | | | | | | | |
| Closeout of Building Plan Archive: 6709229 | Capital Improvements Reserve | 40,000 | - | - | - | - | 40,000 |
| Technology Modernization: 6709219 | Capital Improvements Reserve | 75,000 | - | - | - | - | 75,000 |
| Information Technology | | | | | | | |
| Enterprise Network File Storage and Archival: 6709239 | Capital Improvements Reserve | 348,000 | - | - | - | - | 348,000 |
| | Land Sale Proceeds - Rio East | - | 241,000 | 638,000 | 166,000 | - | 1,045,000 |
| | Project Total | 348,000 | 241,000 | 638,000 | 166,000 | - | 1,393,000 |
| Public Works | | | | | | | |
| City Facilities Rehabilitation: 6799779 | Capital Improvements Reserve | 510,000 | - | - | - | - | 510,000 |
| | Land Sale Proceeds - Rio East | - | 510,000 | 510,000 | 510,000 | 510,000 | 2,040,000 |
| | Project Total | 510,000 | 510,000 | 510,000 | 510,000 | 510,000 | 2,550,000 |
| Energy Conservation Program: 6703659 | Capital Improvements Reserve | 32,000 | - | - | - | - | 32,000 |
| | Land Sale Proceeds - Rio East | - | 32,000 | 32,000 | 32,000 | 32,000 | 128,000 |
| | Project Total | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 160,000 |
| Facilities Maintenance Management Plan: 6706030 | Capital Improvements Reserve | 100,000 | - | - | - | - | 100,000 |
| Historic Properties Preservation: 676809 | Capital Improvements Reserve | 100,000 | - | - | - | - | 100,000 |
| | Land Sale Proceeds - Rio East | - | 100,000 | 100,000 | 100,000 | 100,000 | 400,000 |
| | Project Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| HVAC Equipment Replacement: 676873 | Capital Improvements Reserve | 67,000 | - | - | - | - | 67,000 |
| | Land Sale Proceeds - Rio East | - | 67,000 | 67,000 | 67,000 | 67,000 | 268,000 |
| | Project Total | 67,000 | 67,000 | 67,000 | 67,000 | 67,000 | 335,000 |
| Microbial Remediation (Mold, Asbestos Removal): 6709269 | Capital Improvements Reserve | 30,000 | - | - | - | - | 30,000 |
| | Land Sale Proceeds - Rio East | - | 30,000 | 30,000 | 30,000 | 30,000 | 120,000 |
| | Project Total | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Roof Maintenance Program: 6702519 | Capital Improvements Reserve | 62,000 | - | - | - | - | 62,000 |
| | Land Sale Proceeds - Rio East | - | 62,000 | 62,000 | 62,000 | 62,000 | 248,000 |
| | Project Total | 62,000 | 62,000 | 62,000 | 62,000 | 62,000 | 310,000 |
| Water Utilities | | | | | | | |
| General Purpose Irrigation Improvements: 6704040 | Capital Improvements Reserve | 275,000 | - | - | - | - | 275,000 |
| | Land Sale Proceeds - Rio East | - | 275,000 | 275,000 | 275,000 | 275,000 | 1,100,000 |
| | Project Total | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 | 1,375,000 |
| Program Total | | 5,905,694 | 2,068,319 | 2,300,930 | 1,896,483 | 1,578,247 | 13,749,674 |

Maryanne Corder Neighborhood Grant Program



Project Description

The Maryanne Corder Neighborhood Grant Program is an annual program that provides funding for small neighborhood initiated projects (\$12,000 or less per individual association project and one \$50,000 grant). The program allows for direct investment in neighborhoods, and requires extensive community involvement when deciding on a project. The selection of recipients and the amounts awarded are determined by City Council. Examples of projects include landscaping, security lighting and park improvements.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,250,000 |
| Total | \$1,250,000 |

Project Number: 676556
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$250,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$1,250,000 |

Municipal Arts Program



Project Description

This project provides funding for various Municipal Art projects as determined by the Municipal Arts Commission and the City Council.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,860,341 |
| Total | \$0 |

Project Number: 6699799
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Transit Fund \$25,000
 Water / Wastewater Fund \$447,861

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$480,361 | \$386,319 | \$336,930 | \$404,483 | \$252,247 | \$0 |

Tempe Public Library Renovation



Project Description

This project will renovate the Tempe Public Library which opened to the public in 1989. Since the Library was designed and opened prior to the arrival of the Internet and the introduction of other media formats, the building was primarily designed to serve as a book warehouse and thus its technology infrastructure is inadequate to meet current and future needs. This project provides funding to upgrade the library's computer network, replace the furniture, and remodel the library to accommodate new usage patterns and technology.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$33,333 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$325,000 |
| Survey / Staking | \$50,000 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$598,000 |
| Construction / Improvement | \$2,500,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$100,000 |
| Other Project Costs | \$45,000 |
| Total | \$3,651,333 |

Project Number: 6702499
Estimated Start Date: 07/01/06
Estimated Completion Date: 06/30/11

2009-10 Source of Funds

General Obligation Bonds \$3,536,333

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-----------|---------|---------|---------|--------------|
| \$3,536,333 | \$115,000 | \$0 | \$0 | \$0 | \$3,651,333 |

Development Services - Closeout of Building Plan Archive



Project Description

This program will eliminate existing backlog of over 3,500 sets of paper plan documents, and free up over 200 square feet of workspace these plans occupy. The plan set backlog will be archived, and plan processing will be replaced with a document control program that is sized to effectively process documents produced by new construction activity.

Estimated Project Costs

| | |
|----------------------------|-----------------|
| Legal / Administration | \$40,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$40,000 |

Project Number: 6709229
Estimated Start Date: 09/01/08
Estimated Completion Date: 08/31/09

2009-10 Source of Funds

Capital Improvements Reserve \$40,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|---------|---------|---------|---------|--------------|
| \$40,000 | \$0 | \$0 | \$0 | \$0 | \$40,000 |

Development Services Technology Modernization



Project Description

This project will update the technology used to support plan processing in the Development Services Department. The updated technology will provide online plan review, eliminate the potential for misfiled documents, and reduce the volume of phone inquiries to Development Services. The new program will also provide a robust and comprehensive archive of plan documents that can be quickly accessed in the event of a structural fire or other building emergency. The large volume of paper plans currently processed will also be reduced, along with associated expenses to process those documents for archiving in accordance with state law. The technology update will ensure Development Services can provide a competitive level of customer service and realize operational and economic efficiencies.

Estimated Project Costs

| | |
|----------------------------|-----------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$75,000 |
| Other Project Costs | \$0 |
| Total | \$75,000 |

Project Number: 6709219
Estimated Start Date: 11/01/08
Estimated Completion Date: 08/31/09

2009-10 Source of Funds

Capital Improvements Reserve \$75,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|---------|---------|---------|---------|--------------|
| \$75,000 | \$0 | \$0 | \$0 | \$0 | \$75,000 |

Enterprise Network File Storage and Archival



Project Description

Funding for this project will expand the City's information storage capacity by upgrading computer hardware that manages the City's Storage Area Network. The network upgrades will enhance the City's ability to ensure reliable business operations into the future.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,393,000 |
| Total | \$1,393,000 |

Project Number: 6709239
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/13

2009-10 Source of Funds

Capital Improvements Reserve \$348,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|---------|--------------|
| \$348,000 | \$241,000 | \$638,000 | \$166,000 | \$0 | \$1,393,000 |

City Facilities Rehabilitation



Project Description

This project provides funding to rehabilitate and repair public facilities and related building systems including roofing repairs, replacements of floor covering, painting, repair and upgrades to building automation systems, fire alarms upgrades and repairs, ice machine replacements, and general building repairs as needed. It is also anticipated that some funding will be used for security modifications at City Hall. This project furthers public facilities maintenance efforts which improve the safety and efficiency of City buildings and infrastructure, and reduces future repair and replacement costs to the City.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$4,500 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$150,000 |
| Survey / Staking | \$150,000 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,210,500 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$35,000 |
| Total | \$2,550,000 |

Project Number: 6799779
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$510,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$510,000 | \$510,000 | \$510,000 | \$510,000 | \$510,000 | \$2,550,000 |

Energy Conservation Program



Project Description

This project replaces substandard and inefficient lighting systems and continues ongoing lighting retrofits at public facilities. The retrofit program reduces energy consumption thereby reducing electric utility bills and provides a safe and productive working environment. New lighting upgrades are planned at: Fire Station #3, Priest Yard dayroom, and Solid Waste Supervisors' area. The project also includes plans to continue to replace thermostats citywide with programmable thermostats.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$5,000 |
| Furnishings / Equipment | \$120,000 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$35,000 |
| Total | \$160,000 |

Project Number: 6703659
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$32,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$32,000 | \$32,000 | \$32,000 | \$32,000 | \$32,000 | \$160,000 |

Facilities Maintenance Management Plan



Project Description

This project provides funding for building infrastructure condition assessments of both aging and new city facilities to create a maintenance management master plan. This master plan will track facility maintenance needs and building functionality, safety and integrity. As a result, the City will be able to refine its budget estimates and conduct improved long term planning.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$100,000 |
| Total | \$100,000 |

Project Number: 6706030
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

Capital Improvements Reserve \$100,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|---------|---------|---------|---------|--------------|
| \$100,000 | \$0 | \$0 | \$0 | \$0 | \$100,000 |

Historic Properties Preservation



Project Description

This project funds rehabilitation and repair of aging historic facilities, infrastructure and systems. The scope of the rehabilitation includes roofing repairs, floor covering, painting, and repairs and upgrades of building automation, fire alarms and damaged equipment. It is anticipated that the project will include repainting the Elias Rodriguez House, replacing termite damaged flooring at the Hackett House, and constructing a storage facility for the Hackett House. Taking a proactive approach in repairs and maintenance will reduce expenditures and future costs of City -owned historic properties.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$32,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$50,000 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$3,200 |
| Construction / Improvement | \$414,800 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$500,000 |

Project Number: 676809
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$100,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$500,000 |

HVAC Equipment Replacement



Project Description

This project funds air conditioning system replacement in facilities that are no longer performing adequately and require constant maintenance. Eight percent of the City's air conditioning systems have exceeded their serviceable life expectancy and now require replacement. The funds also cover unexpected replacements and allow for proactive maintenance efforts.

Estimated Project Costs

| | |
|----------------------------|-----------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$335,000 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$335,000

Project Number: 676873

Estimated Start Date: 07/01/09

Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$67,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$67,000 | \$67,000 | \$67,000 | \$67,000 | \$67,000 | \$335,000 |

Microbial Remediation (Mold, Asbestos Removal)



Project Description

This project provides funding needed to hire trained remediation contractors for mold and asbestos removal as needed and in accordance with state and federal environmental requirements.

Estimated Project Costs

| | |
|----------------------------|-----------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$150,000 |

Total \$150,000

Project Number: 6709269

Estimated Start Date: 07/01/09

Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$30,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$150,000 |

Roof Maintenance Program



Project Description

This project funds annual maintenance and ongoing replacement of City facility roof structures. Proper assessments, maintenance, repairs and replacement of roof structures prolongs performance and usefulness, while reducing the frequency of leaks and emergency repairs. As part of this project, it is planned that the roof at Escalante Center will be replaced.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$310,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$310,000 |

Project Number: 6702519
Estimated Start Date: 07/01/09
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$62,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$62,000 | \$62,000 | \$62,000 | \$62,000 | \$62,000 | \$310,000 |

General Purpose Irrigation Improvements



Project Description

This project provides a recurring funding source to replace and repair irrigation lines that become damaged due to normal operation and / or that have exceeded their useful life.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$2,750 |
| Land Acquisition | \$0 |
| Permit Fees | \$5,225 |
| Design and Engineering | \$33,000 |
| Survey / Staking | \$2,750 |
| Construction Management | \$16,500 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$212,025 |
| Geotech / Material Testing | \$2,750 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$1,100,000 |
| Total | \$1,375,000 |

Project Number: 6704040
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2009-10 Source of Funds

Capital Improvements Reserve \$275,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$275,000 | \$275,000 | \$275,000 | \$275,000 | \$275,000 | \$1,375,000 |

This section describes Transportation capital projects for Streets and Street Lighting.



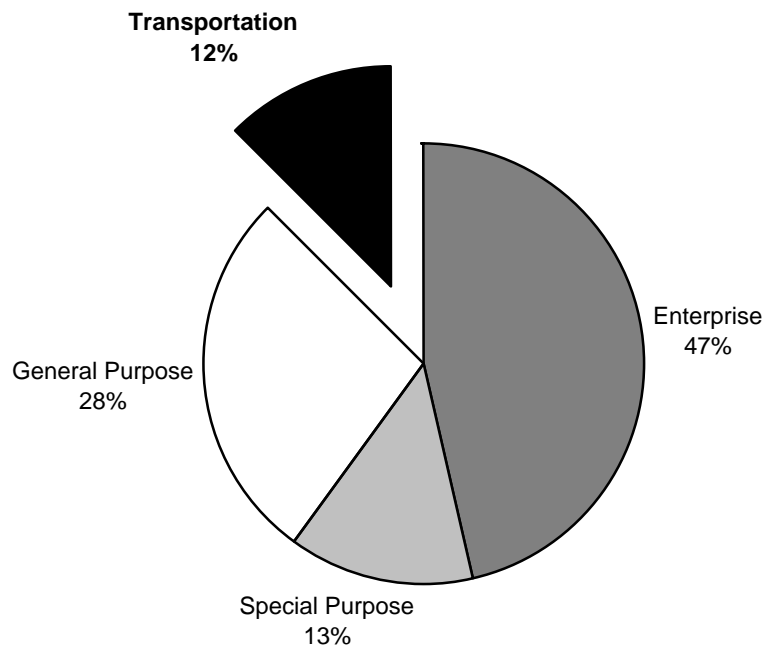
Clockwise from top: street sign installation; sidewalk repair; street surveyors.

Transportation



The Transportation element of the Capital Improvements Program includes all new and ongoing improvements put into service under the City's Transportation and Right-of-Way, and Traffic Signal and Street Lighting programs. Combined, the two programs constitute 12% of the Capital Improvements Budget for 2009-10. A total of \$11 million in General Obligation bonds will be issued to support these projects.

Some major FY 2009-10 projects provided under the two programs include: **Transportation and R.O.W. Improvements** - continued residential and major street renovation and reconstruction, minor concrete improvements, and assorted other streets projects; and **Traffic Signals-Street Lighting** - continued funding for new traffic signal upgrades, utility undergrounding, and street light replacements and upgrades.



| CAPITAL PROGRAM | |
|------------------------------|---------------------|
| PROGRAM | FY 2009-10 |
| Enterprise | \$44,786,147 |
| Special Purpose | 12,975,500 |
| General Purpose | 26,578,232 |
| Transportation | 11,970,689 |
| TOTAL CAPITAL PROGRAM | \$96,310,568 |

2009-10 CIP Projects - Transportation & R.O.W. Improvements Program



| Project Name & Number | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|-------------------------------|------------------------------|----------------------------|------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Asphalt Mill and Overlay: 5499741 | General Obligation Bonds | 1,958,820 | 1,325,139 | 1,345,500 | 1,412,775 | 1,483,414 | 7,525,649 |
| Baseline Bridge Replacement over Western Canal: 5402991 | Capital Projects Fund Balance | 500,000 | - | - | - | - | 500,000 |
| Bridge Maintenance: 5499891 | General Obligation Bonds | 250,000 | 250,000 | 300,000 | 300,000 | 300,000 | 1,400,000 |
| City Facilities Parking Lots: 5499901 | General Obligation Bonds | 42,000 | 46,200 | 50,820 | 55,902 | 61,492 | 256,414 |
| Intersection Reconstruction: 5499731 | General Obligation Bonds | 742,000 | 435,000 | 478,500 | - | - | 1,655,500 |
| Minor Alley Improvements and Dust Control: 5499781 | General Obligation Bonds | 29,000 | 29,000 | 29,000 | 33,350 | 33,350 | 153,700 |
| Minor Concrete Improvements: 5499761 | General Obligation Bonds | 706,610 | 635,949 | 540,556 | 540,556 | 594,612 | 3,018,283 |
| Neighborhood Street Rehabilitation: 5499941 | General Obligation Bonds | 1,456,000 | 1,528,800 | 1,605,240 | 1,685,502 | 1,769,777 | 8,045,319 |
| Neighborhood Transportation Management: 5499921 | General Obligation Bonds | - | - | 200,000 | 200,000 | 200,000 | 600,000 |
| Residential Street Surface Treatment: 5499951 | General Obligation Bonds | 1,789,625 | 1,917,088 | 2,057,296 | 2,178,154 | 2,313,820 | 10,255,983 |
| Street Microsurfacing: 5499931 | General Obligation Bonds | 1,030,000 | 772,500 | 772,500 | 515,000 | 515,000 | 3,605,000 |
| Street Reconstruction and Improvements: 5499711 | General Obligation Bonds | 1,301,286 | 556,914 | 662,500 | 1,060,000 | 1,166,000 | 4,746,700 |
| Program Total | | 9,805,341 | 7,496,590 | 8,041,912 | 7,981,239 | 8,437,465 | 41,762,548 |

Asphalt Mill and Overlay



Project Description

This project provides for resurfacing and localized reconstruction of the arterial street system in the City. The majority of the arterial roadways in the City have undergone a number of preventative maintenance applications since originally constructed. The amount and type of traffic is approaching or has exceeded the design limit of some arterial streets. This project replaces the top layer of older, brittle pavement and sections of moderately distressed asphalt with new pavement. Resurfacing and rehabilitating arterial streets increases the strength and durability of the roadway, and will decrease maintenance costs for the next 10 years.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$72,712 |
| Land Acquisition | \$0 |
| Permit Fees | \$36,356 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$7,271,158 |
| Geotech / Material Testing | \$145,423 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$7,525,649

Project Number: 5499741

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$1,958,820

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-------------|-------------|-------------|-------------|--------------|
| \$1,958,820 | \$1,325,139 | \$1,345,500 | \$1,412,775 | \$1,483,414 | \$7,525,649 |

Baseline Bridge Replacement over Western Canal



Project Description

This project will replace the existing Baseline Bridge over the Western Canal. This bridge was inspected and found to be at the limit of its capacity and is in need of replacement.

Estimated Project Costs

| | |
|----------------------------|-----------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$500,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$500,000

Project Number: 5402991

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/10

2009-10 Source of Funds

General Obligation Bonds \$500,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|---------|---------|---------|---------|--------------|
| \$500,000 | \$0 | \$0 | \$0 | \$0 | \$500,000 |

Bridge Maintenance



Project Description

This project provides for repair and maintenance of bridges located throughout the City. The scope of work includes replacement of damaged joints, joint seals and diaphragms, cleaning debris out of the joints to allow them to function properly, posting of vertical clearance signs, replacement of missing bolts and nuts from railings, and miscellaneous other items.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$10,920 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$174,720 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,036,000 |
| Geotech / Material Testing | \$178,360 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,400,000 |

Project Number: 5499891
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$250,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$250,000 | \$250,000 | \$300,000 | \$300,000 | \$300,000 | \$1,400,000 |

City Facilities Parking Lots



Project Description

This project will provide for the sealing, resurfacing and reconstruction of City parking lots in accordance with the City's Pavement Program. Proper maintenance and upkeep will prevent costly reconstruction projects in the future.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$2,564 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$248,850 |
| Geotech / Material Testing | \$5,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$256,414 |

Project Number: 5499901
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$42,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$42,000 | \$46,200 | \$50,820 | \$55,902 | \$61,492 | \$256,414 |

Intersection Reconstruction



Project Description

This project provides for the reconstruction, resurfacing, and rehabilitation of intersections throughout the city that have been determined to be unsafe for both pedestrian and vehicular traffic. The hot temperatures and the dynamic forces applied by the accelerating and decelerating traffic cause the asphalt intersections to rut and shove. This project will explore additional pavement alternatives such as portland cement concrete and other additives that will improve the structural integrity of the intersections.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$14,875 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$78,750 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,487,500 |
| Geotech / Material Testing | \$74,375 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,655,500 |

Project Number: 5499731
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$742,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|---------|---------|--------------|
| \$742,000 | \$435,000 | \$478,500 | \$0 | \$0 | \$1,655,500 |

Minor Alley Improvements and Dust Control



Project Description

This project supplements the City's alley maintenance program and will provide for the improvement or dust control of minor streets and alleys throughout the City, including paving unpaved streets or upgrading substandard minor streets to City standards. Providing dust control/soil stabilization in these streets and alleys will assist the City in meeting its air quality standard requirements.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$1,536 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$152,164 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$153,700 |

Project Number: 5499781
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$29,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$29,000 | \$29,000 | \$29,000 | \$33,350 | \$33,350 | \$153,700 |

Minor Concrete Improvements



Project Description

This project will provide for the emergency replacement of broken curbs, gutters, and sidewalks throughout the City. Other uses include the construction of ADA accessible ramps to improve the continuity of the infrastructure and to improve accessibility and mobility for pedestrians in various areas. This project is also used in emergency call out situations, e.g. water main breaks, as needed.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$30,184 |
| Land Acquisition | \$0 |
| Permit Fees | \$30,184 |
| Design and Engineering | \$5,000 |
| Survey / Staking | \$0 |
| Construction Management | \$5,900 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$2,937,015 |
| Geotech / Material Testing | \$10,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$3,018,283 |

Project Number: 5499761
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$706,610

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$706,610 | \$635,949 | \$540,556 | \$540,556 | \$594,612 | \$3,018,283 |

Neighborhood Street Rehabilitation



Project Description

The City's preventive maintenance efforts over the years have preserved our streets and kept them in very good condition. However, a growing number of residential streets are to the point that preventive maintenance is no longer effective or appropriate. This program allows for the annual rehabilitation of six (6) miles of residential streets on average.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$77,359 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$116,038 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$7,735,884 |
| Geotech / Material Testing | \$116,038 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$8,045,319 |

Project Number: 5499941
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$1,456,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-------------|-------------|-------------|-------------|--------------|
| \$1,456,000 | \$1,528,800 | \$1,605,240 | \$1,685,502 | \$1,769,777 | \$8,045,319 |

Neighborhood Transportation Management



Project Description

This project provides for the design and installation of neighborhood traffic calming devices, such as traffic circles and speed humps, at various locations in the City. This program reduces cut-through traffic and speeds in neighborhoods.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$600,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$600,000 |

Project Number: 5499921
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|-----------|-----------|-----------|--------------|
| \$0 | \$0 | \$200,000 | \$200,000 | \$200,000 | \$600,000 |

Residential Street Surface Treatments



Project Description

This project provides ongoing preventative maintenance (slurry seal) of local / residential streets throughout the city in accordance with the City's pavement management program.

Estimated Project Costs

| | |
|----------------------------|---------------------|
| Legal / Administration | \$97,270 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$9,959,522 |
| Geotech / Material Testing | \$199,190 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$10,255,983 |

Project Number: 5499951
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$1,789,625

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-------------|-------------|-------------|-------------|--------------|
| \$1,789,625 | \$1,917,088 | \$2,057,296 | \$2,178,154 | \$2,313,820 | \$10,255,983 |

Street Microsurfacing



Project Description

This project provides ongoing preventive maintenance and resurfacing of major arterial and collector streets throughout the City in accordance with the City's pavement management program. Without routine maintenance, the arterial street network in the City will decline at a rapid rate.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$35,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$3,500,000 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$70,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$3,605,000

Project Number: 5499931

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$1,030,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-----------|-----------|-----------|-----------|--------------|
| \$1,030,000 | \$772,500 | \$772,500 | \$515,000 | \$515,000 | \$3,605,000 |

Street Reconstruction and Improvements



Project Description

This project provides for the reconstruction, resurfacing, and rehabilitation of streets or street segments that have exceeded their design life or need significant repair. Streets and/or public rights-of-way in this category include streets that were acquired through annexation processes throughout the years, streets / rights-of-way that have never been constructed to city standards, and street segments that have failed. Improvements are necessary in areas to ensure accessibility and safety for residents and businesses adjacent to these areas.

Estimated Project Costs

| | |
|----------------------------|-------------|
| Legal / Administration | \$44,780 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$4,478,019 |
| Geotech / Material Testing | \$223,901 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$4,746,700

Project Number: 5499711

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$1,301,286

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-------------|-----------|-----------|-------------|-------------|--------------|
| \$1,301,286 | \$556,914 | \$662,500 | \$1,060,000 | \$1,166,000 | \$4,746,700 |

2009-10 CIP Projects - Traffic Signals and Street Lighting Program



| Project Name | Funding Source | 2009-10 Funded Program | Additional Projected Needs | | | | Total 5-Year Program |
|--|--------------------------|------------------------------|----------------------------|------------------|------------------|------------------|-------------------------|
| | | | 2010-11 | 2011-12 | 2012-13 | 2013-14 | |
| Design and Install Fiber Optic Communications: N/A | General Obligation Bonds | - | - | - | 103,941 | - | 103,941 |
| | Federal Grants | - | - | - | 242,528 | - | 242,528 |
| | Project Total | - | - | - | 346,469 | - | 346,469 |
| Install Wireless Communications and CCTV Monitoring at Intersections: 6903639 | General Obligation Bonds | 93,600 | - | - | - | - | 93,600 |
| | Federal Grants | 218,400 | - | - | - | - | 218,400 |
| | Project Total | 312,000 | - | - | - | - | 312,000 |
| Installation of Pedestrian ITS Devices: 6901279 | General Obligation Bonds | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Light Emitting Diodes: 696696 | General Obligation Bonds | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| New Signals / Modular Upgrades: 6999879 | General Obligation Bonds | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 3,000,000 |
| Purchase and Install MMU Units in All Traffic Cabinets: 6903229 | General Obligation Bonds | 67,398 | - | - | - | - | 67,398 |
| | Federal Grants | 135,950 | - | - | - | - | 135,950 |
| | Project Total | 203,348 | - | - | - | - | 203,348 |
| Street Light Pole Structural Replacement: 6999849 | General Obligation Bonds | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 |
| Street Light Upgrades / New Installation: 6999869 | General Obligation Bonds | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 |
| Utility Undergrounding: 6999859 | General Obligation Bonds | 325,000 | 325,000 | 350,000 | 350,000 | 350,000 | 1,700,000 |
| Video Traffic Detection: N/A | General Obligation Bonds | - | 118,751 | - | - | - | 118,751 |
| | Federal Grants | - | 305,568 | - | - | - | 305,568 |
| | Project Total | - | 424,319 | - | - | - | 424,319 |
| Program Total | | 2,165,348 | 2,074,319 | 1,675,000 | 2,021,469 | 1,675,000 | 9,611,136 |

Design and Install Fiber Optic Communications



Project Description

This project will install fiber optic communications media along major roadway corridors utilizing existing fiber conduits. The project will partner with private companies and the state to utilize existing conduits and state-owned infrastructure. The project will allow city staff to monitor and adjust signal timing remotely to improve traffic flow at congested intersections, and will eliminate the need for leased telephone service for command and control at signalized intersections.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$346,469 |
| Total | \$346,469 |

Project Number: N/A
Estimated Start Date: 07/01/12
Estimated Completion Date: 06/30/13

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|---------|---------|-----------|---------|--------------|
| \$0 | \$0 | \$0 | \$346,469 | \$0 | \$346,469 |

Install Wireless Communications and CCTV Monitoring at Intersections



Project Description

This project will install wireless communications media for command and control operations and Closed Circuit Television (CCTV) monitoring at traffic signals. The project will be used to adjust signal timing to improve traffic flow at congested intersections.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$312,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$312,000 |

Project Number: 6903639
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

General Obligation Bonds \$93,600
 Federal Grants \$218,400

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|---------|---------|---------|---------|--------------|
| \$312,000 | \$0 | \$0 | \$0 | \$0 | \$312,000 |

Installation of Pedestrian ITS Devices



Project Description

The purpose of this project is to convert existing or install new accessible pedestrian devices at traffic signal controlled intersections. This project is a step toward complying with the Americans with Disabilities Act (ADA) and provides an essential public service for Tempe residents. Examples of these Intelligent Transportation System (ITS) devices include, but are not limited to, pedestrian push buttons, pedestrian countdown signal heads, audible pedestrian technologies and machine vision detections. These devices provide audible, vibro-tactile and visual information for pedestrians with limited or no hearing or sight. It improves their personal safety as they navigate Tempe streets.

Estimated Project Costs

| | |
|----------------------------|-----------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$125,000 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$125,000

Project Number: 6901279

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$25,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|----------|----------|----------|----------|----------|--------------|
| \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$125,000 |

Light Emitting Diodes



Project Description

The LED (Light Emitting Diodes) program has provided significant energy savings and has reduced maintenance costs since the retrofit of all incandescent lamps in the City's traffic signals, eight years ago. This ongoing project will change out old LED lamps to newer LED's since it has been more than 8 years since they were installed.

Estimated Project Costs

| | |
|----------------------------|-----------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$500,000 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |

Total \$500,000

Project Number: 696696

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$100,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$500,000 |

New Signals / Modular Upgrades



Project Description

This project provides for the installations of new traffic signals as warranted or for the replacement of existing outdated signals. The projected schedule is as follows: 2009/2010 Broadway & Priest, Mill & Elliot, Rio Salado & Hayden Ferry, Southern & Evergreen and Broadway & Mill. Signals are installed as warranted by traffic engineering studies to manage traffic safely and efficiently.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$5,000 |
| Land Acquisition | \$0 |
| Permit Fees | \$5,000 |
| Design and Engineering | \$60,000 |
| Survey / Staking | \$4,500 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$2,405,500 |
| Construction / Improvement | \$500,000 |
| Geotech / Material Testing | \$6,000 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$10,000 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$4,000 |
| Total | \$3,000,000 |

Project Number: 6999879
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$600,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$600,000 | \$600,000 | \$600,000 | \$600,000 | \$600,000 | \$3,000,000 |

Purchase and Install MMU Units in All Traffic Cabinets



Project Description

This project will allow the City to replace and upgrade all aging Malfunction Management Units (MMU), which are a safety device for the traffic signal systems. The upgraded MMUs will provide for quicker troubleshooting of intersection malfunctions, will facilitate increased intersection reliability and ultimately provide for safer traffic signal control operations.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$203,348 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$203,348 |

Project Number: 6903229
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/10

2009-10 Source of Funds

General Obligation Bonds \$67,398
 Federal Grants \$135,950

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|---------|---------|---------|---------|--------------|
| \$203,348 | \$0 | \$0 | \$0 | \$0 | \$203,348 |

Street Light Pole Structural Replacement



Project Description

The project will fund the replacement of existing rusted street light poles that are direct buried and provide funding to replace all direct buried street light poles to meet our current street light pole foundation standards. There are approximately 2,030 direct buried street light poles left in the inventory that will need to be replaced at a rate of 100-150 per year.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,500,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,500,000 |

Project Number: 6999849
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$300,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$300,000 | \$300,000 | \$300,000 | \$300,000 | \$300,000 | \$1,500,000 |

Street Light Upgrades / New Installation



Project Description

This project provides for the installation of new street lights at various locations as well as the upgrading of street lights from mercury vapor luminaries to environmentally friendly, energy efficient luminaries.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$375,000 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$1,125,000 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,500,000 |

Project Number: 6999869
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$300,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$300,000 | \$300,000 | \$300,000 | \$300,000 | \$300,000 | \$1,500,000 |

Utility Undergrounding



Project Description

This project will provide for the undergrounding of overhead utility lines. Tempe City Code requires the undergrounding of all new and existing utility lines in conjunction with a development / redevelopment project. However, in established, residential areas, the possibility of undergrounding being done by others (or developers) is unlikely. Therefore, the City budgets for the undergrounding of these areas to provide a more reliable power source as well as aesthetics.

Estimated Project Costs

| | |
|----------------------------|--------------------|
| Legal / Administration | \$13,200 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$200,006 |
| Survey / Staking | \$0 |
| Construction Management | \$88,574 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$66,687 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$1,331,533 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$0 |
| Total | \$1,700,000 |

Project Number: 6999859
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2009-10 Source of Funds

General Obligation Bonds \$325,000

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|-----------|-----------|-----------|-----------|-----------|--------------|
| \$325,000 | \$325,000 | \$350,000 | \$350,000 | \$350,000 | \$1,700,000 |

Video Traffic Detection



Project Description

The project will utilize video detection and Closed Circuit Television (CCTV) monitoring at arterial traffic signals to obtain real-time turning movement count data. The project will be used to monitor and adjust signal timing to improve traffic flow along the city's major travel corridors.

Estimated Project Costs

| | |
|----------------------------|------------------|
| Legal / Administration | \$0 |
| Land Acquisition | \$0 |
| Permit Fees | \$0 |
| Design and Engineering | \$0 |
| Survey / Staking | \$0 |
| Construction Management | \$0 |
| Furnishings / Equipment | \$0 |
| Construction / Improvement | \$0 |
| Geotech / Material Testing | \$0 |
| Utility Relocation Fees | \$0 |
| Utility Undergrounding | \$0 |
| ITD / Telecommunications | \$0 |
| Other Project Costs | \$424,319 |
| Total | \$424,319 |

Project Number: N/A
Estimated Start Date: 07/01/10
Estimated Completion Date: 06/30/11

2009-10 Source of Funds

N/A

New Appropriations by Fiscal Year

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | Total 5 Year |
|---------|-----------|---------|---------|---------|--------------|
| \$0 | \$424,319 | \$0 | \$0 | \$0 | \$424,319 |

Office of Management and Budget Staff



Even though the budget is heard by the Mayor and Council in March, April, and May, its preparation begins several months prior, with projections of City funding sources, remaining bond authorization, reserves, revenues, and expenditures. It continues through numerous phases and culminates with adoption in June. We recognize and appreciate that budgeting is an ongoing process of planning, monitoring, problem solving, and customer service throughout the fiscal year. Each year, every effort is made to improve both the budget process and the usefulness of the budget documents.

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**City of Tempe budget documents are also located on the World Wide Web at:
www.tempe.gov/budget**

If you have questions, call us at 480-350-8350.

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The Budget Staff at Splash Playground in Tempe Beach Park.