

City of Tempe
Capital Improvements
Program Budget



July 1, 2008 through June 30, 2009



TEMPE MAYOR & CITY COUNCIL



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MAYOR



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VICE MAYOR



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Capital Improvements Program Budget FY 2008-09



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June 30, 2008

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.

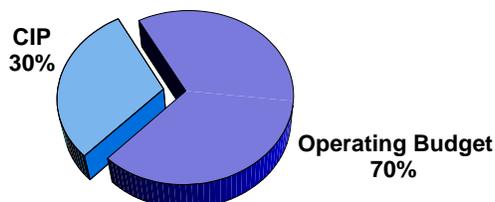
Although capital projects are scheduled throughout the five-year plan, only those projects during the first year of the plan are adopted as part of the City's annual budget. The first year of the CIP constitutes the Capital Budget. The remaining years within the CIP serve as a guide for future planning 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) 2008-09 totals \$564.4 million. Of this amount, approximately \$168 million is for projects included in the Capital Budget.

**FY 2008-09
Total Financial Program**

Operating Budget	\$396.4
Capital Budget	\$168.0
Total (\$ millions)	\$564.4



CIP PROCESS

In October 2007, 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 2007. 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 five-year capital program was recommended to the City Manager.

On March 20, 2008, the City Council held an initial public Special Budget Session to examine the capital program including funding sources, debt service requirements, operating budget impacts, and project priorities. Subsequent meetings were held April 10th and April 17th, 2008 to further discuss the program and make revisions and additions based on Council priorities. The process culminated with Council adoption of the Capital Improvements Program on May 22nd, 2008.

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 Special Purpose programs make up the bulk of the Capital Budget in FY 2008-09, representing 40% and 35% of the program, respectively. The Enterprise program includes Water, Wastewater, and Golf projects, and totals \$68 million. The Special Purpose program includes Transit and Rio Salado projects and totals \$58.3 million.



FY 2008-09 CIP by Program		
	\$ Millions	% of Total
Enterprise	68.0	40%
Special Purpose	58.3	35%
General Purpose	29.9	18%
Transportation	11.8	7%
Total	\$168.0	

The General Purpose program includes Police, Fire, Parks, Storm Drains, and General Governmental projects, and represents \$29.9 million or 18%, of the funded projects in FY 2008-09. The Transportation program includes street and sidewalk construction and renovation, traffic signals, and lighting projects. Transportation program funding totals \$11.8 million in FY 2008-09, representing 7% of the Capital Budget.

CAPITAL BUDGET HIGHLIGHTS

Following are highlights from the Capital Budget for FY 2008-09:

Enterprise Program

City Water system projects (\$47.5 million) including:

- Continued funding for additional water quality improvements to meet required water quality regulations at the Johnny G. Martinez Water Treatment Plant (JGMWTP) (\$30 million)
- Continued funding for construction of a new reclaimed water distribution line from the Kyrene Water Reclamation Facility (KWRF) (\$4 million).

City Wastewater system projects (\$20.4 million) including:

- Continued funding for 91st Avenue Wastewater Treatment Plant capacity expansion (\$15 million)
- Continued funding for the Southern Avenue Interceptor Rehabilitation (\$2.2 million).

Special Purpose Program

Funding for the Transit program (\$52.3 million) including:

- Continued funding for the Central Phoenix and East Valley Light Rail Transit (CPEVLRT) planning, design and construction (\$10.6 million)
- Continued funding for new fixed route and neighborhood circulator City buses (\$29.7 million).

Funding for the Rio Salado Program (\$6 million) including Rio East Park (\$4 million) and the Tempe Town Lake Pedestrian Bridge (\$1.7 million).

General Purpose Program

Funding for the City’s Police Protection Program (\$6.3 million) including:

- Continued funding for the Police / City Radio Replacement (\$3.7 million)
- New funding for specialized Laptop Computer Replacement for Patrol Officers and other Field Personnel (\$1.9 million).

Fire Protection Program (\$5.3 million) including:

- Continued funding for a new Fire Station in the City’s Southeast Quadrant (\$3.9 million)
- Continued funding for a New Support Services Facility (\$665 thousand).

Park Improvements Program (\$10.1 million) including:

- Continued funding for Park Renovation and Restoration (\$7 million)
- Continued funding for the replacement of the Kiwanis Park sprinkler system (1.5 million).

Funding for the General Governmental Program (\$7.9 million) including:

- Continued funding for the renovation of the Tempe Public Library (\$3.4 million)
- Continued funding for the Municipal Arts Program (\$1 million)
- Final funding for the renovation of the Tempe Historical Museum Exhibit Hall (\$690 thousand)
- Continued funding for the repair, replacement and maintenance of various City facilities.

Transportation Program

Funding for Transportation and Right-Of-Way improvements (\$10.2 million) including:

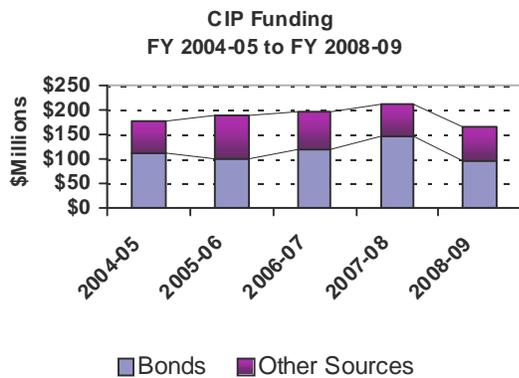
- New funding for replacement of the Baseline Road bridge over the Western Canal (\$4 million)
- Continued funding for street reconstruction and repairs (\$5 million).

Funding for Traffic Signals (\$1.6 million) including:

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

CAPITAL IMPROVEMENTS PROGRAM FINANCING

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



In FY 2008-09, the program is funded with a combination of bonded debt, representing 58% of program funding, and a total of 42% from a combination of other sources as shown in the table below.

FY 2008-09 Sources of Funds		
	\$ Millions	% of Total
General Obligation Bonds	\$97.4	58%
Pay-As-You-Go Financing	18.3	11%
Outside Revenue	43.7	26%
Capital Projects Fund Balance	8.6	5%
Total	\$168.0	

When compared to the prior fiscal year, bond financing in FY 2008-09 decreases as a percentage of the total Capital Budget largely due to a reduced reliance on bonded debt to support the Transit program.

The FY 2008-09 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. Currently, Tempe's General Obligation Bond ratings are:

- Fitch: "AAA" December 2000
- Moody's: "Aa1" April 1997
- Standard & Poor's: "AAA" December 2006

Notable is the recent upgrade in Standard and Poor's rating of the City's creditworthiness from AA+ to AAA in December 2006. This is the highest credit rating possible from this agency and is a testament to the City's prudent financial management practices.

For fiscal year 2008-09, we plan to issue \$33.8 million in bonds for projects in the General Purpose and Transportation programs. Over the five-year Capital Improvements Program, we plan to issue \$131.9 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 \$63.6 million of Enterprise Bonds in FY 2008-09 to finance a portion of the project costs in this program. Over the five-year CIP, we plan to issue approximately \$192 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 2008.41

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, 2008 THROUGH JUNE 30, 2013

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;

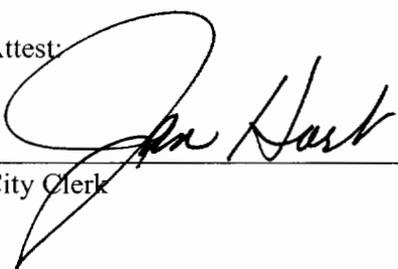
NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF TEMPE AS FOLLOWS:

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.

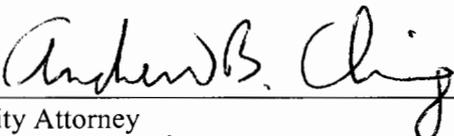
PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF TEMPE, ARIZONA THIS 22nd DAY OF May, 2008.



Mayor

Attest:


City Clerk

Approved as to Form:


City Attorney



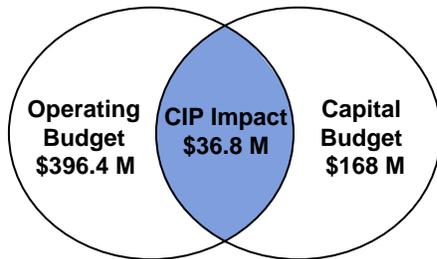
Financial Services Manager

Capital Budget Incremental Impact on FY 2008-09 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 \$36.8 million in FY 2008-09.

The other noteworthy FY 2008-09 operating impact is approximately \$2 million in the General Fund associated with the construction of a new fire station. In general terms, this amount provides for the hiring of a new 21 person fire company and related annual operating and maintenance costs for the station.



Incremental Impact of Capital Budget on Operating Budget - All Funds	
	FY 2008-09
New Debt Service	
Enterprise	\$5,842,630
Transportation	852,807
General Purpose	5,918,888
New Operations and Maintenance	5,891,477
Pay-As-You-Go Financing	
Transit Fund	17,621,942
Water/Wastewater Fund	679,540
Total	\$36,807,284

As part of the Capital Improvements Program, departments were asked to identify those capital projects that have an impact on the operating budget and then 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 2008-09 operating budget.

As shown in the table below, the FY 2008-09 completion of the Central Phoenix and East Valley Light Rail project is anticipated to produce the largest operating cost, with \$3.8 million budgeted in the Transit Fund. This amount represents Tempe's share of FY 2008-09 payments to the management entity, Valley Metro Rail, which will operate the light rail system on behalf of the participating / benefitting metropolitan area cities.

FY 2008-09 Detailed Operating and Maintenance Impacts of Capital Improvements			
Program / Project	\$ Amount	FTE	Fund
Special Purpose			
CP/EV LRT – Rail Planning, Design & Construction	\$3,805,000		Transit
Crosscut Canal Multi-Use Path Phase II	5,200		Transit
General Purpose			
Fire Station 7 for Southeast Quadrant	2,081,277	21	General
Total Operating Impacts	\$5,891,477		



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 committees as follows:

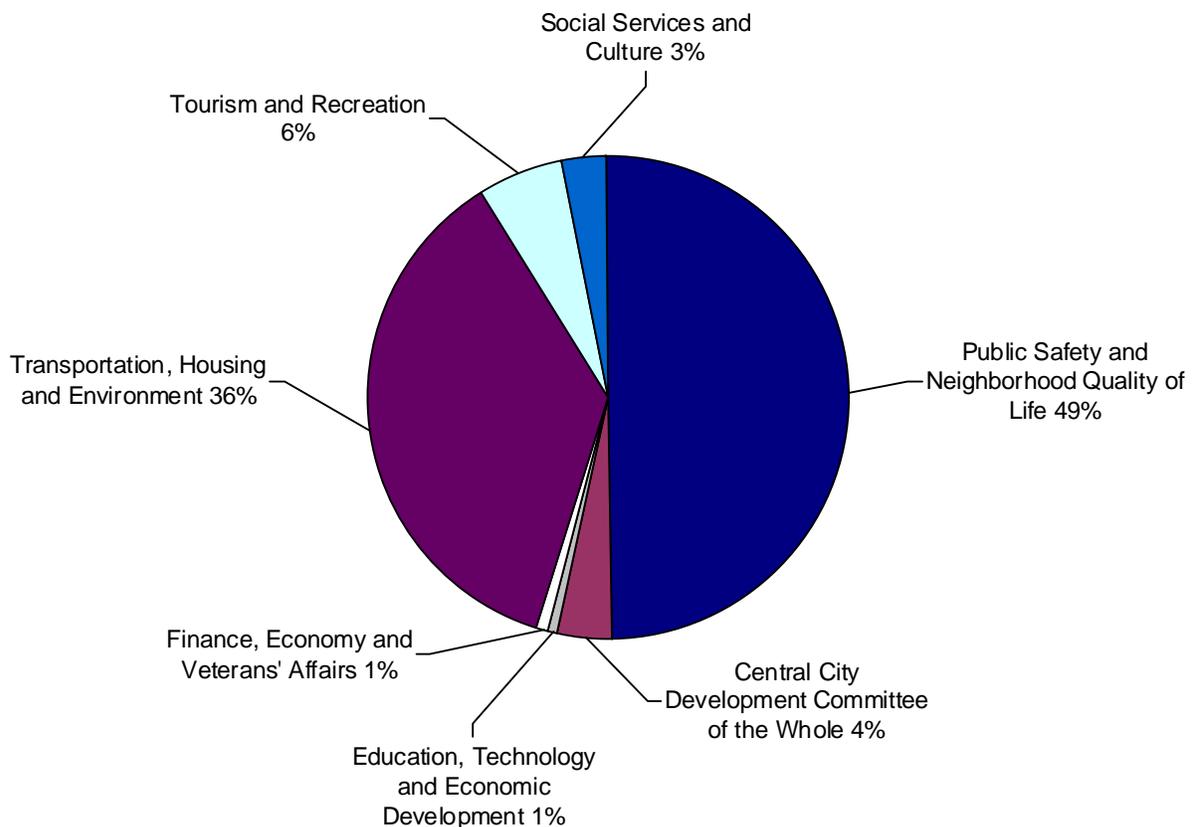
- Central City Development Committee of the Whole
- Education, Technology and Economic Development
- Finance, Economy and Veterans' Affairs
- Public Safety and Neighborhood Quality of Life
- Social Services and Culture
- Tourism and Recreation
- Transportation, Housing and Environment

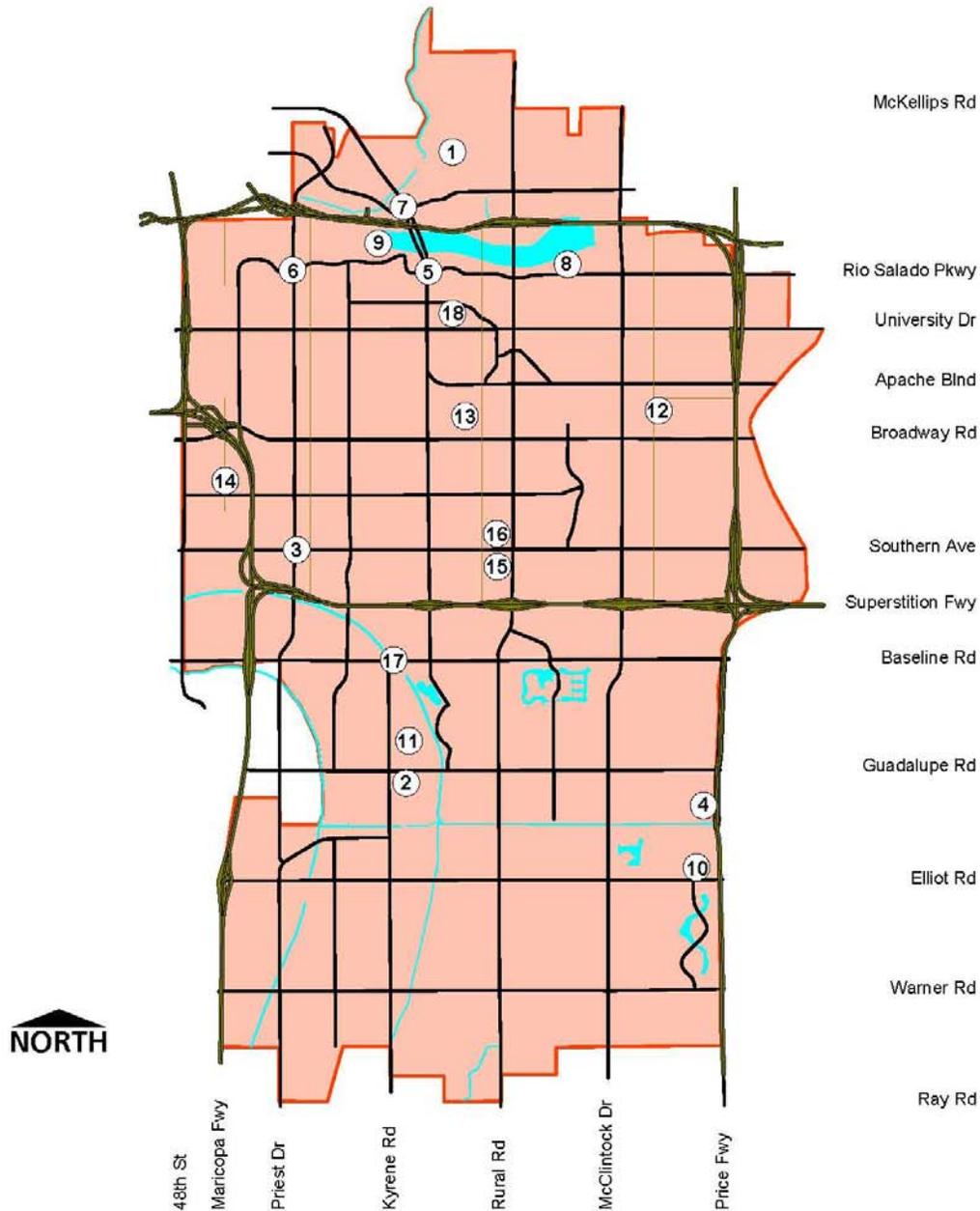
The objective of each strategic team is to delineate long-range goals, formulate a cohesive strategy for each of the defined areas, and develop action plans to advance the City towards those strategic goals.

The FY 2008-09 Capital Program organized by strategic issue is shown in the chart.

The FY 2008-09 Capital Budget largely focuses on capital projects related to two strategic areas: (1) Public Safety and Neighborhood Quality of Life; and (2) Transportation, Housing and Environment. These two strategic issue areas alone account for 85% of the Capital Budget in the upcoming fiscal year.

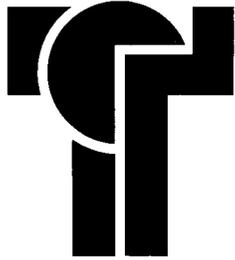
CIP project concentration in Public Safety and Neighborhood Quality of Life is attributable to the City's continuing reinvestment in water and sewer infrastructure to support new and existing development; and new facilities and equipment to support the Police and Fire departments. CIP concentration in Transportation, Housing and Environment is attributable to the City's focus on linking the downtown area to the regional light rail transit system, reinvestment in the City bus fleet, and ongoing maintenance of City street systems.





Location	Project Description
1.	Johnny G. Martinez Water Treatment Plant Upgrades
2.	Kyrene Reclaimed Water Transmission/Distribution Line
3.	Southern Avenue Interceptor Rehabilitation
4.	Sedimentation Basins Grout Liner Replacement
5.	Central Phoenix & East Valley Light Rail Planning, Design & Construction
6.	Bus Purchase - Fleet Replacement & Expansion
7.	Crosscut Canal Multi-Use Path Phase II
8.	Rio East Park
9.	Tempe Town Lake Pedestrian Bridge

Location	Project Description
10.	Fire Station Station 7
11.	Kiwanis Park Sprinkler System Replacement
12.	Park Renovation and Restoration - Hudson Park
13.	Park Renovation and Restoration - Daley Park
14.	Diablo Stadium Scoreboard Replacement
15.	Tempe Public Library Renovation
16.	Tempe Historical Museum Renovation
17.	Baseline Bridge over Western Canal
18.	City Hall Municipal Complex Rehabilitation



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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 Center for the Arts; Tempe Beach Park; North Tempe Multi Generational Facility.

Capital Improvements Program Summary



Program	2008-09	Additional Needs				Total 5-Year Program
	Funded Program	2009-10	2010-11	2011-12	2012-13	
Enterprise Program						
Water	\$47,529,000	\$28,344,000	\$20,538,400	\$17,402,400	\$6,365,000	\$120,178,800
Wastewater	20,425,000	17,290,950	17,184,250	17,440,000	16,490,000	88,830,200
Golf	50,000	50,000	50,000	50,000	50,000	250,000
Subtotal Enterprise	68,004,000	45,684,950	37,772,650	34,892,400	22,905,000	209,259,000
Special Purpose Program						
Transit	52,304,506	22,672,688	4,028,200	2,504,343	3,774,000	85,283,737
Rio Salado	5,971,361	17,184,030	6,870,672	282,080	294,476	30,602,619
Total Special Purpose	58,275,867	39,856,718	10,898,872	2,786,423	4,068,476	115,886,356
General Purpose Program						
Storm Drains	250,000	275,000	275,000	300,000	300,000	1,400,000
Police	6,261,249	2,360,800	950,000	950,000	900,000	11,422,049
Fire	5,312,020	8,890,959	7,731,821	500,000		22,434,800
Park Improvements	10,138,875	8,744,875	7,412,375	7,876,875	8,172,000	42,345,000
Community Services	5,211,938	4,219,409	532,509	373,467	266,290	10,603,613
Development Services	335,000	115,000				450,000
Information Technology	180,000	348,000				528,000
Community Relations	250,000	250,000	250,000	250,000	250,000	1,250,000
Public Works	1,678,000	882,000	782,000	782,000	782,000	4,906,000
Water Utilities	275,000	275,000	275,000	275,000	275,000	1,375,000
Total General Purpose	29,892,082	26,361,043	18,208,705	11,307,342	10,945,290	96,714,462
Transportation Program						
Transportation and R.O.W.	10,236,376	7,087,227	7,748,051	8,463,666	8,864,733	42,400,053
Traffic Signals/Street Lighting	1,625,000	1,753,348	2,286,319	1,575,000	1,921,469	9,161,136
Total Transportation	11,861,376	8,840,575	10,034,370	10,038,666	10,786,202	51,561,189
Total General/Transportation	41,753,458	35,201,618	28,243,075	21,346,008	21,731,492	148,275,651
Subtotal Tax Supported	100,029,325	75,058,336	39,141,947	24,132,431	25,799,968	264,162,007
TOTAL PROGRAM	\$168,033,325	\$120,743,286	\$76,914,597	\$59,024,831	\$48,704,968	\$473,421,007

Capital Improvements Program Source of Funds



Program	2008-09 Funded Program	Additional Needs				Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Enterprise Supported						
<i>Water/Wastewater</i>						
Water/Wastewater Bonds	\$63,594,000	\$41,284,950	\$35,122,650	\$31,742,400	\$20,255,000	\$191,999,000
Capital Projects Fund Balance	1,860,000	1,850,000	100,000	600,000	100,000	4,510,000
Development Fees	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Total Water/Wastewater Fund	67,954,000	45,634,950	37,722,650	34,842,400	22,855,000	209,009,000
<i>Golf</i>						
Excise Tax Bonds - Golf Fund	50,000	50,000	50,000	50,000	50,000	250,000
Subtotal Enterprise Supported	68,004,000	45,684,950	37,772,650	34,892,400	22,905,000	209,259,000
Special Purpose						
<i>Transit</i>						
Transit Tax Revenues	17,079,677	978,220	2,128,200	1,017,803	2,574,000	23,777,900
Regional Public Transportation Fund	7,491,964	3,824,538				11,316,502
Federal Grants	22,687,366	17,869,930	1,900,000	1,486,540	1,200,000	45,143,836
Capital Projects Fund Balance	5,045,499					5,045,499
Total Transit Fund	52,304,506	22,672,688	4,028,200	2,504,343	3,774,000	85,283,737
<i>Rio Salado</i>						
Mondrian Agreement		10,800,000				10,800,000
Developer Funding	1,500,000					1,500,000
Land Sale Proceeds-Rio East	3,721,361	6,384,030	6,870,672	282,080	294,476	17,552,619
Grants	750,000					750,000
Total Rio Salado	5,971,361	17,184,030	6,870,672	282,080	294,476	30,602,619
Total Special Purpose	58,275,867	39,856,718	10,898,872	2,786,423	4,068,476	115,886,356
General Purpose & Transportation						
General Obligation Bonds	33,770,407	32,512,592	25,994,598	19,665,541	19,915,674	131,858,812
Capital Improvements Reserve	777,000	777,000	777,000	777,000	777,000	3,885,000
WWW Fund	679,540	456,350	377,227	348,424	228,550	2,090,090
Transit Fund	542,265	226,727	40,282	25,043	37,740	872,057
LTAf	1,000,000					1,000,000
Land Sale Proceeds-Rio East	2,393,600	1,093,000	530,000	530,000	530,000	5,076,600
Capital Project Fund Balances	880,000					880,000
COPS Grant	1,625,646					1,625,646
Federal Grants		135,950	523,968		242,528	902,446
Racketeer Influenced and Corrupt Organizations Act (RICO) Funds	85,000					85,000
Total General/Transportation	41,753,458	35,201,618	28,243,075	21,346,008	21,731,492	148,275,651
Subtotal Tax Supported	100,029,325	75,058,336	39,141,947	24,132,431	25,799,968	264,162,007
TOTAL PROGRAM	\$168,033,325	\$120,743,286	\$76,914,597	\$59,024,831	\$48,704,968	\$473,421,007

Capital Improvements Program Fund Balances



Program	Estimated Fund Bal. 06-30-08	Transfers from Other Funds	Outside Revenue	Bond Proceeds	Appropriation	Estimated Fund Bal. 06-30-09
Enterprise						
Water/Wastewater	\$5,675,318		\$2,500,000	\$63,594,000	\$67,954,000	\$3,815,318
Golf	0			50,000	50,000	0
Cemetery	297,232					297,232
Subtotal Enterprise	5,972,550	0	2,500,000	63,644,000	68,004,000	4,112,550
Special Purpose						
Transit	5,050,000	17,079,677	30,179,330		52,304,506	4,501
Performing Arts	1,018,198					1,018,198
Rio Salado	497,964		5,971,361		5,971,361	497,964
Subtotal Special Purpose	6,566,162	17,079,677	36,150,691	0	58,275,867	1,520,663
General Purpose						
Police Protection	313,578		1,988,246	3,973,003	6,261,249	13,578
Fire Protection	0			5,312,020	5,312,020	0
Storm Drains	0			250,000	250,000	0
Park Improvements	291,833			9,928,875	10,138,875	81,833
General Governmental	(469,702)	1,998,805	1,816,000	4,115,133	7,929,938	(469,702)
Subtotal General Purpose	135,709	1,998,805	3,804,246	23,579,031	29,892,082	(374,291)
Transportation						
Transp. & R.O.W. Improvements	471,099	1,000,000	200,000	8,836,376	10,236,376	271,099
Traffic Signals/Street Lighting	177,657		100,000	1,355,000	1,625,000	7,657
Subtotal Transportation	648,756	1,000,000	300,000	10,191,376	11,861,376	278,756
Total Program	\$13,323,177	\$20,078,482	\$42,754,937	\$97,414,407	\$168,033,325	\$5,537,678

Remaining General Obligation Bond Authorizations



	Original Authorization	Prior Issues	2008-09 Issue	Remaining Authorization
2002 Program				
Water/Wastewater	\$77,000,000	\$77,000,000		\$0
Police Protection	31,500,000	31,000,000	500,000	0
Fire Protection	6,000,000	3,455,000	2,545,000	0
Park Improvements	12,000,000	12,000,000		0
Streets/Transportation	31,500,000	21,745,000	9,755,000	0
Subtotal	158,000,000	145,200,000	12,800,000	0
2006 Program				
Water/Wastewater	172,000,000	172,000,000		0
Police Protection	14,000,000		14,000,000	0
Fire Protection	2,500,000		2,500,000	0
Community Services/Park Improvements/Library	14,000,000	5,900,000	8,100,000	0
Streets/Transportation	8,000,000		8,000,000	0
Subtotal	210,500,000	177,900,000	32,600,000	0
TOTAL	\$368,500,000	\$323,100,000	\$45,400,000	\$0

Long-Term Outstanding Debt Summary

	July 1			
	2005	2006	2007	2008
General Obligation Bonds				
Water/Wastewater	\$137,390,000	\$180,935,000	\$243,265,000	\$282,520,000
Police Protection	7,205,000	27,625,000	29,255,000	32,085,000
Fire Protection	10,515,000	9,685,000	8,855,000	8,695,000
Storm Drains	4,110,000	4,180,000	3,970,000	3,775,000
Park Improvements	25,940,000	25,535,000	25,665,000	27,575,000
Library/Museum	130,000	115,000	1,455,000	1,395,000
Streets/Transportation	51,980,000	50,470,000	47,300,000	51,550,000
Total G.O. Debt Outstanding	237,270,000	298,545,000	359,765,000	407,595,000
Tempe Municipal Property Corp. Bonds				
Golf Course Improvements	275,000	140,000		
Total Tempe Municipal Property Debt	275,000	140,000	0	0
Tempe Sports Authority Corp. Bonds/COP				
Certificates of Participation (COP)	2,320,000	1,780,000	1,220,000	625,000
Total Tempe Sports Authority Corp. Bonds/COP	2,320,000	1,780,000	1,220,000	625,000
Total Performing Arts Excise Tax Bonds	36,095,000	56,665,000	53,235,000	49,680,000
Total Transit Excise Tax Bonds		60,675,000	109,785,000	138,065,000
Total Rio Salado Excise Tax Bonds	36,570,000	35,175,000	33,810,000	32,320,000
Total Governmental Excise Tax Bonds	25,125,000	24,535,000	23,975,000	23,390,000
Total Cemetery Enterprise Bonds	2,305,000	2,210,000	2,130,000	2,050,000
Total Long-Term Outstanding Debt	\$339,960,000	\$479,725,000	\$583,920,000	\$653,725,000

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 2008-09 Bonded Debt Limits July 1, 2008

	FY 2008-09	
	6%	20%
Bond Limit ⁽¹⁾	\$159,416,892	\$531,389,639
Outstanding Bonded Debt-Previously Issued	(1,395,000)	(406,200,000)
Proposed Bonds to be Sold in FY 2008-09		
Water/Wastewater		63,594,000
Storm Drains		250,000
Park Improvements		9,928,875
Public Safety/Law Enforcement		14,498,003
Fire and Emergency Services		5,312,020
Transportation		17,754,376
All Others	4,115,133	
Debt Margin Available	\$153,906,759	\$13,852,365

⁽¹⁾ The FY 2008-09 Bond Limit is based upon an estimated secondary assessed value of \$2,656,948,194, compared to the FY 2007-08 secondary assessed value of \$2,401,898,465



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

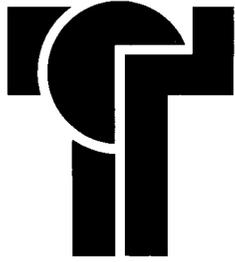


Fiscal Year	Budgeted Capital Improvements Program	Outstanding Principal Debt	Debt Service Requirements P & I	Net Secondary Assessed Value	% Change in Secondary Assessed Valuation	Property Tax Rate (\$)		
						Primary	Secondary	Total
1999-00	85,587,326	197,735,000	31,836,932	1,240,471,800	12.9	.55	.85	1.40
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	339,960,000	27,696,707	1,768,877,385	4.8	.53	.82	1.35
2005-06	189,971,703	479,725,000	33,130,557	1,904,426,188	7.7	.52	.88	1.40
2006-07	196,728,491	583,920,000	44,109,610	2,006,703,332	5.4	.52	.88	1.40
2007-08	212,706,469	653,725,000	53,003,693	2,401,898,465	19.7	.51	.89	1.40
2008-09	168,033,325	765,142,984	72,100,332	2,656,948,194	10.6	.51	.89	1.40

Summary:

(1) Outstanding Principal Debt includes all forms of City debt, including general obligation, excise, and enterprise supported debt.

(2) The increase in the budgeted CIP from \$118 million in FY 2003-04 to \$177.2 million in FY 2004-05 was due primarily to the construction of the Tempe Center for the Arts in the Special Purpose Capital Program and inclusion of light-rail construction within the Transit program. The decrease from FY 2007-08 to 2008-09 is largely attributable to a marked reduction in spending in the Transit Program due to the December 2008 completion of the light rail project. In general, an expanded Water / Wastewater capital program and renovations to the neighborhood parks system are contributing to year over year program growth. The increase in outstanding principal is due to an increasing utilization of bonded debt in the Capital Budget.



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

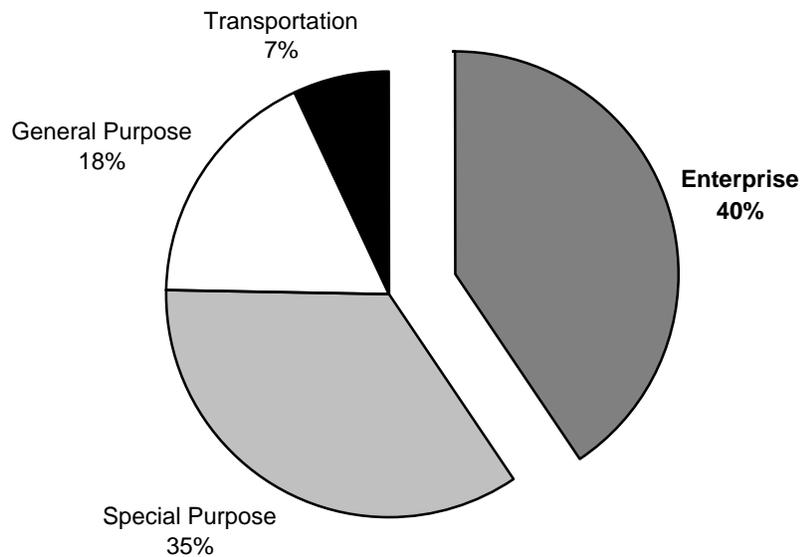


Clockwise from top: Rolling Hills Golf Course; Johnny G. Martinez Tempe Water Treatment Plant; installing water transmission main.



The Enterprise component of the Capital Improvements Program consists of Water, Wastewater, and Golf programs. Combined, they constitute \$68 million of the \$168 million Capital Improvements Program for FY 2008-09. The City's capital budget for this area is driven largely by federal and state compliance requirements as well as plant capacity expansions. A total of \$63.6 million of Water/Wastewater Bonds will be sold to fund these projects in FY 2008-09. These bonds are paid for by user charges from their respective program activity. The remaining funding will come from development fees, and fund balances.

Major projects in FY 2008-09 include: **Water** - new and continued funding for Johnny G. Martinez Water Treatment Plant upgrades (JGMWTP), construction of a pipeline to increase distribution of reclaimed water from the Kyrene Water Reclamation Facility (KWRF) to Tempe Town Lake, and numerous waterline improvements; **Wastewater** - continued funding for 91st Avenue Wastewater Treatment Plant expansion, and rehabilitation and replacement of the Southern Avenue Interceptor sewer; and **Golf** - funding provides for annual renovation and improvement projects at Rolling Hills and Ken McDonald golf courses.



CAPITAL PROGRAM	
PROGRAM	FY 2008-09
Enterprise	\$68,004,000
Special Purpose	58,275,867
General Purpose	29,892,082
Transportation	11,861,376
TOTAL CAPITAL PROGRAM	\$168,033,325

CIP Projects by Total Project Cost - Water Program



Project Description	2008-09					Total
	Funded Program	2009-10	2010-11	2011-12	2012-13	5-Year Program
Recommended						
JGMWTP Treatment Upgrades	30,000,000	15,420,000				45,420,000
STWTP Water Quality Improvement		2,500,000	11,500,000	8,110,000		22,110,000
Water Line Replacement and Repair	850,000	850,000	850,000	4,000,000	4,000,000	10,550,000
Environmental Laboratory Facility		432,000	2,059,400	2,059,400	540,000	5,090,800
New Production Well	1,900,000	700,000		900,000	900,000	4,400,000
Kyrene Reclaimed Water Transmission / Distribution Line	4,000,000					4,000,000
WL Upgrade / Replacement Rural Rd. (Rio Salado - Apache)		1,372,000	2,200,000			3,572,000
STWTP Security Fencing and Lighting			2,806,000			2,806,000
JGMWTP Security Fencing and Lighting		2,318,000				2,318,000
Sedimentation Basins Grout Liner Replacement	2,200,000					2,200,000
Ken McDonald Golf Course Recharge Project	390,000	1,724,000				2,114,000
Financial Services - Customer Services Utility Billing System Upgrade	710,000	1,200,000				1,910,000
Distribution System Fittings	500,000	500,000	400,000	230,000	230,000	1,860,000
Small Meter Replacement Program - 2 Inches and Under	650,000	650,000	100,000	100,000	100,000	1,600,000
Water Line Upgrade / Replacement Orange / Lemon	1,503,500					1,503,500
JGMWTP Capital Equipment Replacement	250,000	250,000	250,000	250,000	250,000	1,250,000
STWTP Capital Equipment Replacement	250,000	250,000	250,000	250,000	250,000	1,250,000
Water Line Upgrade / Replacement Margo / Geneva (Fairmont-Hardy)	1,168,500					1,168,500
Update the Integrated Master Plan	500,000			500,000		1,000,000
Water Line Upgrade / Replacement on 22nd / 24th St (Hardy-Roosevelt)	957,000					957,000
Undergrounding of Water Aqueduct at the JGMWTP				857,000		857,000
Well #13 Equipping	680,000					680,000
NaOCl Cells and Brine Tank Installation	480,000					480,000

CIP Projects by Total Project Cost - Water Program (Continued)



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Central Arizona Project Capital Charge	95,000	95,000	95,000	95,000	95,000	475,000
HVAC Replacement at the Three Water & Wastewater Treatment Plants	175,000	83,000	28,000	51,000		337,000
Alum Tank Replacement at the STWTP	270,000					270,000
Total Recommended	\$47,529,000	\$28,344,000	\$20,538,400	\$17,402,400	\$6,365,000	\$120,178,800

CIP Projects by Funding Source - Water Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Funding Source:						
<u>Water / Wastewater Bonds</u>						
JGMWTP Treatment Upgrades	28,650,000	14,070,000				42,720,000
STWTP Water Quality Improvement		2,500,000	10,150,000	6,760,000		19,410,000
Water Line Replacement and Repair	850,000	850,000	850,000	4,000,000	4,000,000	10,550,000
Environmental Laboratory Facility		432,000	2,059,400	2,059,400		4,550,800
New Production Well	1,900,000	700,000		900,000		3,500,000
Kyrene Reclaimed Water Transmission / Distribution Line	4,000,000					4,000,000
Water Line Upgrade / Replacement Rural Rd. (Rio Salado - Apache)		1,372,000	2,200,000			3,572,000
STWTP Security Fence - Lighting			2,806,000			2,806,000
JGMWTP Security Fencing / Lighting		2,318,000				2,318,000
Sedimentation Basins Grout Liner Replacement	2,200,000					2,200,000
Ken McDonald Golf Course Recharge Project	390,000	1,724,000				2,114,000
Distribution System Fittings	500,000	500,000	400,000	230,000	230,000	1,860,000
Water Line Upgrade / Replacement Orange / Lemon	1,503,500					1,503,500
JGMWTP Capital Equipment Replacement	250,000	250,000	250,000	250,000	250,000	1,250,000
STWTP Capital Equipment Replacement	250,000	250,000	250,000	250,000	250,000	1,250,000
Water Line Upgrade / Replacement Margo / Geneva (Fairmont-Hardy)	1,168,500					1,168,500
Water Line Upgrade / Replacement on 22nd / 24th St (Hardy-Roosevelt)	957,000					957,000
Undergrounding of Water Aqueduct at the JGMWTP				857,000		857,000
Well #13 Equipping	680,000					680,000
NaOCl Cells and Brine Tank Installation	480,000					480,000
CAP Capital Charge	95,000	95,000	95,000	95,000	95,000	475,000
HVAC Replacement at the Three Water & Wastewater Treatment Plants	175,000	83,000	28,000	51,000		337,000
Alum Tank Replacement at the STWTP	270,000					270,000
Subtotal	44,319,000	25,144,000	19,088,400	15,452,400	4,825,000	108,828,800

CIP Projects by Funding Source - Water Program (continued)



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>Capital Projects Fund Balance</i>						
Financial Services - Customer Services Utility Billing System Upgrade	710,000	1,200,000				1,910,000
Small Meter Replacement Program - 2 Inches and Under	650,000	650,000	100,000	100,000	100,000	1,600,000
Update the Integrated Master Plan (IMP)	500,000			500,000		1,000,000
<i>Subtotal</i>	1,860,000	1,850,000	100,000	600,000	100,000	4,510,000
<i>Funding Source:</i>						
<i>Development Fees</i>						
JGMWTP Treatment Upgrades	1,350,000	1,350,000				2,700,000
STWTP Water Quality Improvement			1,350,000	1,350,000		2,700,000
Environmental Laboratory Facility					540,000	540,000
New Production Well					900,000	900,000
<i>Subtotal</i>	1,350,000	1,350,000	1,350,000	1,350,000	1,440,000	6,840,000
Water Program Total	\$47,529,000	\$28,344,000	\$20,538,400	\$17,402,400	\$6,365,000	\$120,178,800

JGMWTP Treatment Upgrades



Project Description

This project will install additional water quality improvements to meet required water quality regulations at the Johnny G. Martinez Water Treatment Plant. The project includes a comprehensive site study, a Granular Activated Carbon (GAC) facility, and solids handling improvements (plate settlers and sludge holding tank).

Estimated Project Costs

Legal Administration	\$400,000
Land Acquisition	\$0
Design Services	\$1,750,000
Construction Management	\$1,770,000
Construction	\$40,000,000
Permit Fees	\$700,000
Geotech./Material Testing	\$400,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$400,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$45,420,000

Project Number: 3201099
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/10

2008-09 Source of Funds

Water / Wastewater Bonds	\$28,650,000
Development Fees	\$1,350,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$30,000,000	\$15,420,000	\$0	\$0	\$0	\$45,420,000

STWTP Water Quality Improvement



Project Description

This project includes improvements and modifications to the existing South Tempe Water Treatment Plant that will ensure the plant is in compliance with current water quality regulations and goals. The project includes a Granular Activated Carbon facility and other site improvements.

Estimated Project Costs

Legal Administration	\$180,000
Land Acquisition	\$0
Design Services	\$2,160,000
Construction Management	\$1,080,000
Construction	\$18,000,000
Permit Fees	\$330,000
Geotech./Material Testing	\$180,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$180,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$22,110,000

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

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$2,500,000	\$11,500,000	\$8,110,000	\$0	\$22,110,000

Water Line Replacement and Repair



Project Description

The Water Utility Department 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	\$105,500
Land Acquisition	\$0
Design Services	\$1,266,000
Construction Management	\$633,000
Construction	\$8,123,500
Permit Fees	\$211,000
Geotech./Material Testing	\$105,500
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$105,500
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$10,550,000

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

2008-09 Source of Funds

Water / Wastewater Bonds \$850,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$850,000	\$850,000	\$850,000	\$4,000,000	\$4,000,000	\$10,550,000

Environmental Laboratory Facility



Project Description

This project will construct a new 10,000 square foot Water Utilities Department, Leadership in Energy and Environmental Design (LEED) Green Building certified Environmental Laboratory facility on existing City-owned land at the South Tempe Water Treatment Plant site adjacent to the existing Environmental Services Building. 10,000 square feet is believed to be sufficient space for all currently required analyses, process control and research analyses, and future requirements added by EPA. The project will add two new chemists so that tests will be conducted internally. Accordingly, two chemists have been included in the operating impacts of this project. In addition to these two positions, another research / process control chemist position is to be added to operational impacts of the proposed capital project beginning in fiscal year 2011-2012.

Estimated Project Costs

Legal Administration	\$50,908
Land Acquisition	\$0
Design Services	\$61,090
Construction Management	\$305,448
Construction	\$3,600,000
Permit Fees	\$101,816
Geotech./Material Testing	\$50,908
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$50,908
ITD/Telecommunications	\$37,500
Furnishings/Equipment	\$763,620
Other Project Costs	\$68,602
Total	\$5,090,800

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

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$432,000	\$2,059,400	\$2,059,400	\$540,000	\$5,090,800

New Production Well



Project Description

This project provides funding for one new potable water well, and city connections to four existing wells. The Water Utilities Department Integrated Master Plan (2000), and Water Resources Plan (2006) identified a shortage of well capacity in Tempe and recommend that the City increase well capacity to meet emergency supply needs and supplemental drought supply. These wells would provide an additional 16.5 million gallons per day of production capacity to the City, and coupled with existing wells, meet the needs of an emergency situation. The wells also double as storage capacity and effectively reduce capital requirements for additional above-ground storage and pumping.

The new City of Tempe well is to be drilled and equipped in south Tempe. Two of the four wells to be connected to the City's distribution system will require renovation as part of the project.

2008-09 Source of Funds

Water / Wastewater Bonds \$1,900,000

Estimated Project Costs

Legal Administration	\$44,000
Land Acquisition	\$0
Design Services	\$528,000
Construction Management	\$264,000
Construction	\$3,388,000
Permit Fees	\$88,000
Geotech./Material Testing	\$44,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$44,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$4,400,000

Project Number: 3200019

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/10

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,900,000	\$700,000	\$0	\$900,000	\$900,000	\$4,400,000

Kyrene Reclaimed Water Transmission / Distribution Line



Project Description

With the expansion of the City's Kyrene Reclamation Facility and its producing a higher quality effluent from the use of Membrane Technology, the City has excess reclaimed water to reuse. One major use of this reclaimed water is to refill Tempe Town Lake from evaporation and other losses. In order to accomplish this a pipeline will be constructed from the Kyrene Reclamation Facility to the Tempe Town Lake. The pipeline will be 24-inch diameter and will be a total length of approximately 5 miles.

2008-09 Source of Funds

Water / Wastewater Bonds \$4,000,000

Estimated Project Costs

Legal Administration	\$33,000
Land Acquisition	\$0
Design Services	\$393,000
Construction Management	\$197,000
Construction	\$3,278,000
Permit Fees	\$33,000
Geotech./Material Testing	\$33,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$33,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$4,000,000

Project Number: 3201629

Estimated Start Date: 07/01/08

Estimated Completion Date: 12/31/10

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000

Water Line Upgrade / Replacement on Rural Road (Rio Salado - Apache)



Project Description

This project will install approximately 5,000 feet of new 16 inch distribution main water line which will replace the existing 14 inch cast iron pipe on Rural Rd. between University Dr. and Apache Blvd. The existing 14 inch pipe was installed in 1968 and its now non-standard size makes new connections and repairs more expensive and of longer duration.

The new distribution main will be tied to a larger 30 inch transmission main at Rio Salado, University and Apache. The new line and connections will facilitate the Arizona State University Tempe campus Masterplan, and new development in the Rio Salado corridor. New fire hydrants, gate valves for control, onsite fire suppression system connections, services meters, and connections to the remainder of the distribution system will be included.

2008-09 Source of Funds

N/A

Estimated Project Costs

Legal Administration	\$35,720
Land Acquisition	\$0
Design Services	\$428,640
Construction Management	\$214,320
Construction	\$2,750,440
Permit Fees	\$71,440
Geotech./Material Testing	\$35,720
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$35,720
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$3,572,000

Project Number: N/A

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/10

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$1,372,000	\$2,200,000	\$0	\$0	\$3,572,000

STWTP Security Fencing and Lighting



Project Description

This project would replace the existing chain link perimeter fence that borders the eastern and southern perimeter along the South Tempe Water Treatment Plant. The project is a continuation of security improvements recommended by the vulnerability assessment completed as per federal requirements.

The existing chain link fence is not considered to be a high level security barrier and does not provide consistent adequate height requirements for security. The fence is also aging and in need of replacement. The replacement fence would be constructed with solid metal vertical and horizontal materials which are consistent with higher security standards. The perimeter fence line adjacent to Price Rd. would also have a metal cable barrier system installed to prevent vehicular intrusion. The lighting proposed for this site would be of free standing poles with fixtures that would provide sufficient illumination for deterrence and detection of any intruders.

2008-09 Source of Funds

N/A

Estimated Project Costs

Legal Administration	\$23,000
Land Acquisition	\$0
Design Services	\$276,000
Construction Management	\$138,000
Construction	\$2,300,000
Permit Fees	\$23,000
Geotech./Material Testing	\$23,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$23,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$2,806,000

Project Number: N/A

Estimated Start Date: 07/01/10

Estimated Completion Date: 06/30/11

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$2,806,000	\$0	\$0	\$2,806,000

JGMWTP Security Fencing and Lighting



Project Description

This project consists of replacing the existing chain link fence that runs along the western perimeter of the Johnny G. Martinez Water Treatment Plant, and providing 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 fence is the only barrier from public access and is not considered to be a high security barrier. The fence will be replaced with 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. Both the fence and lighting would add another layer of perimeter deterrence and detection for the facility. This project is a continuation of security improvements recommended by a vulnerability assessment completed for our critical assets.

2008-09 Source of Funds

N/A

Estimated Project Costs

Legal Administration	\$19,000
Land Acquisition	\$0
Design Services	\$228,000
Construction Management	\$114,000
Construction	\$1,900,000
Permit Fees	\$19,000
Geotech./Material Testing	\$19,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$19,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$2,318,000

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

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$2,318,000	\$0	\$0	\$0	\$2,318,000

Sedimentation Basins Grout Liner Replacement



Project Description

This project will completely replace the grout lining in the sedimentation basins at the South Tempe Water Treatment Plant. The current grout in the sedimentation basins is delaminating from the concrete underlayment. The grout serves the purpose of creating an angle for the sludge created from water treatment to collect in the middle of the circular basins for disposal. As the grout separates from the concrete it creates obstacles for the collection racks to overcome and blocks pump impellers and piping.

2008-09 Source of Funds

Water / Wastewater Bonds \$2,200,000

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$2,200,000
Other Project Costs	\$0
Total	\$2,200,000

Project Number: 3209299
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$2,200,000	\$0	\$0	\$0	\$0	\$2,200,000

Ken McDonald Golf Course Recharge Project



Project Description

This project will address the first two phases of the Tempe Ken McDonald Golf Course Groundwater Recharge Project. Phase 1 consists of deepening and equipping one existing recharge well, to convert it to an Aquifer Storage and Recovery (ASR) injection well. The injection well will provide reclaimed water aquifer storage and recovery. Phase 1 also includes the construction of discharge piping to recover stored reclaimed water (groundwater credits) for delivery to the golf course lakes for irrigation reuse.

Phase 2 includes the drilling and equipping of two additional ASR recharge wells and connection to the discharge piping for irrigation reuse.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$200,000
Construction Management	\$150,000
Construction	\$1,040,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$700,000
Other Project Costs	\$24,000
Total	\$2,114,000

Project Number: 3209309
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/10

2008-09 Source of Funds

Water / Wastewater Bonds \$390,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$390,000	\$1,724,000	\$0	\$0	\$0	\$2,114,000

Financial Services - Customer Services Utility Billing System Upgrade



Project Description

This project is for the upgrade / replacement of the Utility Billing software system. 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.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$1,910,000
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,910,000

Project Number: 32000
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/10

2008-09 Source of Funds

Capital Projects Fund Balance \$710,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$710,000	\$1,200,000	\$0	\$0	\$0	\$1,910,000

Distribution System Fittings



Project Description

This project provides for the acquisition, assembly and installation of water works infrastructure including meters, valves, hydrants and water lines at multiple City locations.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$1,860,000
Total	\$1,860,000

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

2008-09 Source of Funds

Water / Wastewater Bonds \$500,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$500,000	\$500,000	\$400,000	\$230,000	\$230,000	\$1,860,000

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 or older. By replacing these meters the City should realize increased revenue and accurate water accounting. The estimated replacement schedule is as follows:

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
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$1,600,000
Other Project Costs	\$0
Total	\$1,600,000

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

2008-09 Source of Funds

Capital Projects Fund Balance \$650,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$650,000	\$650,000	\$100,000	\$100,000	\$100,000	\$1,600,000

Water Line Upgrade / Replacement - Orange / Lemon



Project Description

This project will replace approximately 3,200 feet of 6 inch water line originally installed in 1962. The existing cast iron line has reached its design life, and does not meet current criteria for providing adequate water supply / fire flow in this multi-family area. New fire hydrants, gate valves for additional control, onsite fire suppression connections, and services meters will be included.

Estimated Project Costs

Legal Administration	\$15,035
Land Acquisition	\$0
Design Services	\$180,420
Construction Management	\$90,210
Construction	\$1,157,695
Permit Fees	\$30,070
Geotech./Material Testing	\$15,035
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$15,035
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$1,503,500

Project Number: 3209329

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Water / Wastewater Bonds \$1,503,500

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,503,500	\$0	\$0	\$0	\$0	\$1,503,500

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 which 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. Efforts are underway to develop comprehensive preventative maintenance programs and procedures to help minimize equipment failures.

Estimated Project Costs

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

Total \$1,250,000

Project Number: 3200089

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

Water / Wastewater Bonds \$250,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

STWTP Capital Equipment Replacement



Project Description

This project provides an annual funding mechanism to address equipment failures at the South Tempe Water Treatment Plant which 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. Efforts are underway to develop comprehensive preventative maintenance programs and procedures to help minimize equipment failures.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$1,250,000
Other Project Costs	\$0
Total	\$1,250,000
Project Number:	3200079
Estimated Start Date:	Ongoing
Estimated Completion Date:	Ongoing

2008-09 Source of Funds

Water / Wastewater Bonds \$250,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Water Line Upgrade / Replacement on Margo / Geneva (Fairmont-Hardy)



Project Description

This project will replace approximately 2,450 feet of existing 6 inch asbestos cement water line installed in 1980. Although the line has only reached its design half-life, it does not meet the current criteria for providing adequate water supply / fire flow in this heavy industrial area. New fire hydrants, gate valves for additional control, onsite fire suppression connections, and service meters will be included.

Estimated Project Costs

Legal Administration	\$11,685
Land Acquisition	\$0
Design Services	\$140,220
Construction Management	\$70,110
Construction	\$899,745
Permit Fees	\$23,370
Geotech./Material Testing	\$11,685
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$11,685
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,168,500
Project Number:	3209339
Estimated Start Date:	07/01/08
Estimated Completion Date:	06/30/09

2008-09 Source of Funds

Water / Wastewater Bonds \$1,168,500

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,168,500	\$0	\$0	\$0	\$0	\$1,168,500

Update the Integrated Master Plan (IMP)



Project Description

This project provides funding to facilitate the first update to the water, wastewater, storm water and flood irrigation Integrated Master Plan (IMP) completed by the Water Utilities Department in 2000. Because of the projected intense capital spending necessary to meet growing service demand, it was recommended 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. The IMP has also proven to serve as a very functional financial model that aids in CIP planning and rate setting.

Estimated Project Costs

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

Project Number: 3200591
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Capital Projects Fund Balance \$500,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$500,000	\$0	\$0	\$500,000	\$0	\$1,000,000

Water Line Upgrade / Replacement on 22nd / 24th Street (Hardy-Roosevelt)



Project Description

This project will replace approximately 2,520 feet of existing 6 inch cast iron water lines which were installed in 1960. The lines are nearing the end of their design life and do not meet current criteria for providing adequate water supply / fire flow in this heavy industrial area. New fire hydrants, gate valves for additional control, new onsite fire suppression connections, and service meters will be included.

Estimated Project Costs

Legal Administration	\$9,570
Land Acquisition	\$0
Design Services	\$114,840
Construction Management	\$57,420
Construction	\$736,890
Permit Fees	\$19,140
Geotech./Material Testing	\$9,570
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$9,570
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$957,000

Project Number: 3209349
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Water / Wastewater Bonds \$957,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$957,000	\$0	\$0	\$0	\$0	\$957,000

Undergrounding of Water Aqueduct at the JGMWTP



Project Description

The purpose of this project is to replace the water aqueduct or flume that brings raw water from the Crosscut Canal to the Johnny G. Martinez Water Treatment Plant. The aqueduct is part of the original infrastructure of the plant built almost 45 years ago. The goal of the project is to replace the aqueduct with an underground pipe.

Estimated Project Costs

Legal Administration	\$7,000
Land Acquisition	\$0
Design Services	\$86,000
Construction Management	\$43,000
Construction	\$700,000
Permit Fees	\$7,000
Geotech./Material Testing	\$7,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$7,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$857,000

Project Number: N/A
Estimated Start Date: 07/01/11
Estimated Completion Date: 06/30/13

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$0	\$857,000	\$0	\$857,000

Well #13 Equipping



Project Description

Well #13 is located south of the Western Canal between Rural Road and McClintock Drive. This planned well project was originally intended for use as a recovery well project to pump storage credits to the Salt River Project (SRP) canal as a water exchange supply source. The FY 08-09 project scope is being expanded to include a direct connection to the Tempe municipal water distribution system as a back-up drinking water supply well along with the connection to the SRP Western Canal.

Estimated Project Costs

Legal Administration	\$10,000
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$40,000
Construction	\$600,000
Permit Fees	\$10,000
Geotech./Material Testing	\$10,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$10,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$680,000

Project Number: 3209439
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Water / Wastewater Bonds \$680,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$680,000	\$0	\$0	\$0	\$0	\$680,000

NaOCl Cells and Brine Tank Installation



Project Description

This project will add two Sodium Hypochlorite (NaOCl) generating cells to the current generating system, and one 60 ton Brine tank to the current NaOCl salt storage system. The addition of the two NaOCl generating cells will reduce system run time during high peak, high demand production times, saving up to 120 hours per month in peak electrical pricing. Adding the additional Brine Tank will help ensure a constant brine supply for NaOCl generation.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$480,000
Other Project Costs	\$0
Total	\$480,000

Project Number: 3209359
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Water / Wastewater Bonds \$480,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$480,000	\$0	\$0	\$0	\$0	\$480,000

Central Arizona Project Capital Charge



Project Description

An agreement with the Central Arizona Water Conservation District imposes a semi-annual capital charge payable annually through 2034. These charges repay the federal government's advance of construction funding to build the Central Arizona Project canal system.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$475,000
Total	\$475,000

Project Number: 32/6700
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Water / Wastewater Bonds \$95,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$475,000

HVAC Replacement at the Three Water and Wastewater Treatment Plants



Project Description

This project provides funding to replace city owned air conditioning equipment and carpet located within the three water and wastewater treatment plants that has been identified as being ineffective, inefficient or has exceeded its life span according to the Public Works facility maintenance division. The replacement schedule is as follows:

2008-09: replace 17 heat pumps at the Johnny G. Martinez Water Treatment Plant (JGMWTP), and 3 air conditioning units at the South Tempe Water Treatment Plant (STWTP).

2009-10: replace 14 air conditioning units and heat pumps at JGMWTP, 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.

2008-09 Source of Funds

Water / Wastewater Bonds \$175,000

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$337,000
Other Project Costs	\$0

Total \$337,000

Project Number: 3209369

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$175,000	\$83,000	\$28,000	\$51,000	\$0	\$337,000

Alum Tank Replacement at the STWTP



Project Description

This project will install two new bulk Alum storage tanks, related plumbing, and a new top fill system made of stainless steel for unloading safety, at the South Tempe Water Treatment Plant.

2008-09 Source of Funds

Water / Wastewater Bonds \$270,000

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$270,000
Other Project Costs	\$0

Total \$270,000

Project Number: 3209379

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$270,000	\$0	\$0	\$0	\$0	\$270,000

CIP Projects by Total Project Cost - Wastewater Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Recommended</i>						
91st Avenue Wastewater Treatment Plant	15,000,000	12,500,000	12,500,000	13,000,000	12,000,000	65,000,000
SAI Rehabilitation - All phases	2,240,000	2,240,000	2,240,000	2,240,000	2,240,000	11,200,000
Sewer Line Replacement and Repair	750,000	750,000	750,000	2,000,000	2,000,000	6,250,000
Sewer Replacement / Upsize Smith Rd. Apache to University	200,000	1,528,700				1,728,700
Sewer Replacement / Upsize -5th St. Price to Smith		172,250	1,544,250			1,716,500
Scottsdale Road Bio Filter Project	960,000					960,000
Sewer Replacement / Upsize Scottsdale Rd. Curry to Gilbert	915,000					915,000
KWRF Capital Equipment Replacement	50,000	100,000	150,000	200,000	250,000	750,000
KWRF - Scum Automation	250,000					250,000
KWRF Shade Screen	60,000					60,000
Total Recommended	\$20,425,000	\$17,290,950	\$17,184,250	\$17,440,000	\$16,490,000	\$88,830,200

CIP Projects by Funding Source - Wastewater Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i><u>Water / Wastewater Bonds</u></i>						
91st Avenue Wastewater Treatment Plant	13,850,000	11,350,000	11,350,000	11,850,000	10,940,000	59,340,000
SAI Rehabilitation - All phases	2,240,000	2,240,000	2,240,000	2,240,000	2,240,000	11,200,000
Sewer Line Replacement and Repair	750,000	750,000	750,000	2,000,000	2,000,000	6,250,000
Sewer Replacement / Upsize Smith Rd. Apache to University	200,000	1,528,700				1,728,700
Sewer Replacement / Upsize -5th St. Price to Smith		172,250	1,544,250			1,716,500
Scottsdale Road Bio Filter Project	960,000					960,000
Sewer Replacement / Upsize Scottsdale Rd. Curry to Gilbert	915,000					915,000
KWRF Capital Equipment Replacement	50,000	100,000	150,000	200,000	250,000	750,000
KWRF - Scum Automation	250,000					250,000
KWRF Shade Screen	60,000					60,000
<i>Subtotal</i>	19,275,000	16,140,950	16,034,250	16,290,000	15,430,000	83,170,200
<i>Funding Source:</i>						
<i><u>Development Fees</u></i>						
91st Avenue WWTP	1,150,000	1,150,000	1,150,000	1,150,000	1,060,000	5,660,000
<i>Subtotal</i>	1,150,000	1,150,000	1,150,000	1,150,000	1,060,000	5,660,000
Wastewater Program Total	\$20,425,000	\$17,290,950	\$17,184,250	\$17,440,000	\$16,490,000	\$88,830,200

91st Avenue Wastewater Treatment Plant



Project Description

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

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$65,000,000
Total	\$65,000,000

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

2008-09 Source of Funds

Water / Wastewater Bonds	\$13,850,000
Development Fees	\$1,150,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$15,000,000	\$12,500,000	\$12,500,000	\$13,000,000	\$12,000,000	\$65,000,000

Southern Avenue Interceptor Rehabilitation - All Phases



Project Description

This project funds the phased rehabilitation or the replacement of the Southern Avenue Interceptor (SAI), a jointly owned regional sewer that runs through Tempe. An engineering condition assessment study revealed severe corrosion of this unlined concrete sewer line, and recommended a phased rehabilitation or replacement of the line to protect it from eventual collapse. This multi-year project addresses all phases of rehabilitation and replacement.

The project will be jointly funded by both Tempe and the City of Mesa. The estimated project costs shown here represent Tempe's portion of full line replacement.

Estimated Project Costs

Legal Administration	\$90,000
Land Acquisition	\$0
Design Services	\$1,105,000
Construction Management	\$555,000
Construction	\$9,180,000
Permit Fees	\$90,000
Geotech./Material Testing	\$90,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$90,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$11,200,000

Project Number: 3200589
Estimated Start Date: 07/01/08
Estimated Completion Date: 12/31/12

2008-09 Source of Funds

Water / Wastewater Bonds	\$2,240,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$2,240,000	\$2,240,000	\$2,240,000	\$2,240,000	\$2,240,000	\$11,200,000

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	\$62,500
Land Acquisition	\$0
Design Services	\$750,000
Construction Management	\$375,000
Construction	\$4,812,500
Permit Fees	\$125,000
Geotech./Material Testing	\$62,500
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$62,500
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$6,250,000

Project Number: 3299969

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

Water / Wastewater Bonds \$750,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$750,000	\$750,000	\$750,000	\$2,000,000	\$2,000,000	\$6,250,000

Sewer Replacement / Upsize Smith Road - Apache to University



Project Description

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

Estimated Project Costs

Legal Administration	\$13,350
Land Acquisition	\$0
Design Services	\$160,200
Construction Management	\$80,100
Construction	\$1,335,000
Permit Fees	\$13,350
Geotech./Material Testing	\$13,350
Utility Relocation	\$100,000
Utility Undergrounding	\$0
Survey Staking	\$13,350
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$1,728,700

Project Number: 3209389

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/10

2008-09 Source of Funds

Water / Wastewater Bonds \$200,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$200,000	\$1,528,700	\$0	\$0	\$0	\$1,728,700

Sewer Replacement / Upsize on 5th Street - Price to Smith



Project Description

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

Estimated Project Costs

Legal Administration	\$13,250
Land Acquisition	\$0
Design Services	\$159,000
Construction Management	\$79,500
Construction	\$1,325,000
Permit Fees	\$13,250
Geotech./Material Testing	\$13,250
Utility Relocation	\$100,000
Utility Undergrounding	\$0
Survey Staking	\$13,250
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,716,500

Project Number: N/A
Estimated Start Date: 07/01/09
Estimated Completion Date: 06/30/11

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$172,250	\$1,544,250	\$0	\$0	\$1,716,500

Scottsdale Road Bio Filter Project



Project Description

This project will construct a Bio Filter for odor control related to sanitary sewer nuisance odors near the intersection of Scottsdale Road and Gilbert Drive. Public complaints of sanitary sewer odors in the vicinity have recently increased. The project includes site location, and the design and construction of the Bio Filter odor control system.

Estimated Project Costs

Legal Administration	\$5,000
Land Acquisition	\$100,000
Design Services	\$125,000
Construction Management	\$30,000
Construction	\$500,000
Permit Fees	\$10,000
Geotech./Material Testing	\$5,000
Utility Relocation	\$50,000
Utility Undergrounding	\$50,000
Survey Staking	\$5,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$80,000
Other Project Costs	\$0
Total	\$960,000

Project Number: 3209459
Estimated Start Date: 07/01/08
Estimated Completion Date: 10/30/08

2008-09 Source of Funds

Water / Wastewater Bonds \$960,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$960,000	\$0	\$0	\$0	\$0	\$960,000

Sewer Replacement / Upsize on Scottsdale Road - Curry to Gilbert



Project Description

This project will replace an estimated 1,500 feet of existing 12 inch sanitary sewer due to insufficient capacity. The new sewer diameter will be 15 to 18 inches depending on the location. The project will accommodate additional discharges from the Jonny G. Martinez Water Treatment Facility, and facilitate new condominium development between Weber and Curry.

Estimated Project Costs

Legal Administration	\$7,500
Land Acquisition	\$0
Design Services	\$90,000
Construction Management	\$45,000
Construction	\$750,000
Permit Fees	\$7,500
Geotech./Material Testing	\$7,500
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$7,500
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$915,000

Project Number: 3209399

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Water / Wastewater Bonds \$915,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$915,000	\$0	\$0	\$0	\$0	\$915,000

KWRF Capital Equipment Replacement



Project Description

This project provides an annual funding mechanism to address equipment failures at the Kyrene Water Reclamation Facility which 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. Efforts are underway to develop comprehensive preventative maintenance programs and procedures to help minimize equipment failures.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$750,000
Other Project Costs	\$0

Total \$750,000

Project Number: 3209409

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

Water / Wastewater Bonds \$50,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$50,000	\$100,000	\$150,000	\$200,000	\$250,000	\$750,000

KWRF Scum Automation



Project Description

The scope of this project is to automate the Kyrene Water Reclamation Facility scum gate / drain trough system located at and across all eight membrane basin inlets. The scum gates and piped channel allow cleaning and drainage of excess floatable solids (scum) that accrue at the membrane basin inlets. Potential hazardous gases such as Hydrogen Sulfide are reduced as well. The system now requires excessive operator hours accessing the area, opening difficult valves and hatches, and running water hose lines to allow physical access for spraying and hosing-out the scum troughs once the gate and drain valves are opened properly.

Automating the system at a minimum will require an electrically-controlled gate, a new drain, and sprayer valves with actuators that provide open / close position command and feedback features. Local control panels and conduit and wiring would be added for each valve and sprayer and would include valve status indicators and switches to provide manual or automatic operation of each valve.

2008-09 Source of Funds

Water / Wastewater Bonds \$250,000

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$250,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$250,000

Project Number: 3209419

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$250,000	\$0	\$0	\$0	\$0	\$250,000

KWRF Shade Screen



Project Description

In order to protect critical equipment at the Kyrene Water Reclamation Facility, shade screening is recommended around the Chemical Storage and Odor Control Scrubber areas. This will protect the scrubber units, recirculation pumps, instrumentation, local control panels, chemical tanks, chemical pumps, piping and associated equipment. This project will include design and installation of the shade screen.

2008-09 Source of Funds

Water / Wastewater Bonds \$60,000

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$60,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$60,000

Project Number: 3209429

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$60,000	\$0	\$0	\$0	\$0	\$60,000

CIP Projects by Total Project Cost - Golf Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Recommended</i>						
Golf Course Improvements	50,000	50,000	50,000	50,000	50,000	250,000
Total Recommended	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

CIP Projects by Funding Source - Golf Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>Excise Tax Bonds</i>						
Golf Course Improvements	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Rio Salado Program Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Golf Course Improvements



Project Description

This ongoing project provides funds for small annual renovation and improvement projects at both golf courses. Projects could involve concrete replacement and installation, fencing replacement and installation, sand replacement and additions, tee and green renovations and improvements, small landscaping and sprinkler projects, replacement of tables, benches and other amenities.

Estimated Project Costs

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

Project Number: 64/6850
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Excise Tax Bonds \$50,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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



Clockwise from top: light rail station; Tempe Town Lake west end dam; Orbit bus

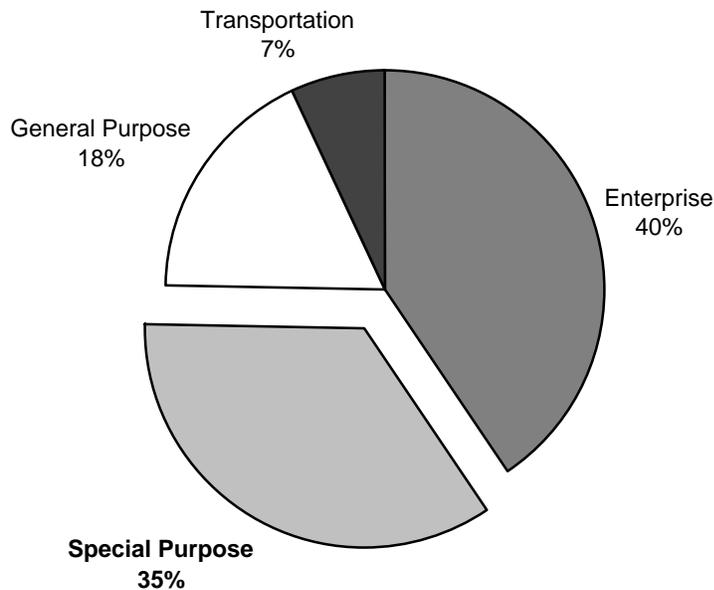
Special Purpose



The Special Purpose component of the Capital Improvements Program includes Transit and Rio Salado capital programs. Combined, they constitute 35% of the \$168 million Capital Improvements Budget for FY 2008-09. Both the funding and original authorization for the Transit projects in the Special Purpose program are a result of voter approved initiatives.

On September 10, 1996, Tempe voters approved a one half of one percent sales tax increase for transit improvements. Revenues from this voter approved tax, coupled with Federal grants for Transit projects, provide the bulk of funding for the Special Purpose program. The Rio Salado program relates to projects constructed within the district established around the Tempe Town Lake.

Major projects in FY 2008-09 include: **Transit** - continued funding for the Central Phoenix/East Valley Light Rail Transit System, new City buses, and construction of a South Tempe Transit Center; and **Rio Salado** - funding for Rio East Park at the Tempe Town Lake, and continued funding for construction of the Tempe Town Lake Pedestrian Bridge.



CAPITAL PROGRAM	
PROGRAM	FY 2008-09
Enterprise	\$68,004,000
Special Purpose	58,275,867
General Purpose	29,892,082
Transportation	11,861,376
TOTAL CAPITAL PROGRAM	\$168,033,325

CIP Projects by Total Project Cost - Transit Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Recommended						
Bus Purchase - Fleet Replacement & Expansion	29,685,207	19,122,688				48,807,895
CP / EV LRT - Rail Planning, Design & Construction	10,578,000					10,578,000
Light Rail - Concurrent Non-Project Activities (CNPA)	4,805,499					4,805,499
I-10 Alameda Drive Bike Ped Crossing			403,200		3,774,000	4,177,200
Broadway Road Streetscape & Pedestrian Improvements	240,000	3,000,000				3,240,000
Bus Fleet Mid-life Refurbishment	3,000,000					3,000,000
University Drive Street Improvement -Priest / Mill		250,000	2,275,000			2,525,000
Hardy Drive Pedestrian Street Improvement			250,000	2,095,000		2,345,000
South Tempe Transit Center	2,025,800					2,025,800
Crosscut Canal Multi-Use Path Phase II	1,900,000					1,900,000
Rio Salado Multi-Use Path Tempe-Phx (Priest-143)		300,000	1,100,000			1,400,000
Install CCTV Monitoring Stations - LRT Signal Intersections				409,343		409,343
ITS Transit Strategic Plan	70,000					70,000
Total Recommended	\$52,304,506	\$22,672,688	\$4,028,200	\$2,504,343	\$3,774,000	\$85,283,737

CIP Projects by Funding Source - Transit Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<u>Funding Source: Transit Tax</u>						
Bus Purchase - Fleet Replacement & Expansion	1,951,000					1,951,000
CP / EV LRT - Rail Planning, Design & Construction	10,578,000					10,578,000
I-10 Alameda Drive Bike Ped Crossing			403,200		2,574,000	2,977,200
Broadway Rd. Streetscape & Pedestrian Improvements		428,220				428,220
Bus Fleet Mid-life Refurbishment	3,000,000					3,000,000
University Drive Street Improvement -Priest / Mill		250,000	1,175,000			1,425,000
Hardy Drive Pedestrian Street Improvement			250,000	895,000		1,145,000
South Tempe Transit Center	80,677					80,677
Crosscut Canal Multi-use Path Phase II	1,400,000					1,400,000
Rio Salado Multi-Use Path Tempe-Phx (Priest-143)		300,000	300,000			600,000
Install CCTV Monitoring Stations - LRT Signal Intersections				122,803		122,803
ITS Transit Strategic Plan	70,000					70,000
Subtotal	17,079,677	978,220	2,128,200	1,017,803	2,574,000	23,777,900
<u>Funding Source: Federal Grants</u>						
Bus Purchase - Fleet Replacement & Expansion	22,187,366	15,298,150				37,485,516
I-10 Alameda Drive Bike Ped Crossing					1,200,000	1,200,000
Broadway Road Streetscape & Pedestrian Improvements		2,571,780				2,571,780
University Drive Street Improvement -Priest / Mill			1,100,000			1,100,000
Hardy Drive Pedestrian Street Improvement				1,200,000		1,200,000
Crosscut Canal Multi-use Path Phase II	500,000					500,000
Rio Salado Multi-Use Path - Tempe-Phx (Priest-143)			800,000			800,000
Install CCTV Monitoring Stations - LRT Signal Intersections				286,540		286,540
Subtotal	22,687,366	17,869,930	1,900,000	1,486,540	1,200,000	45,143,836

CIP Projects by Funding Source - Transit Program (continued)



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>Capital Projects Fund Balance</i>						
Light Rail - Concurrent Non-Project Activities (CNPA)	4,805,499					4,805,499
Broadway Rd. Streetscape & Pedestrian Improvements	240,000					240,000
<i>Subtotal</i>	5,045,499					5,045,499
<i>Funding Source:</i>						
<i>Regional Transportation Fund</i>						
South Tempe Transit Center	1,945,123					1,945,123
Bus Purchase - Fleet Replacement & Expansion	5,546,841	3,824,538				9,371,379
<i>Subtotal</i>	7,491,964	3,824,538	0	0	0	11,316,502
Transit Program Total	\$52,304,506	\$22,672,688	\$4,028,200	\$2,504,343	\$3,774,000	\$85,283,737

Bus Purchase - Fleet Replacement and Expansion



Project Description

This project provides for 15 new expansion neighborhood circulator buses, 10 new fixed route buses for planned service to Rio Salado Parkway, and the replacement of 52 fixed route buses and 4 neighborhood circulator buses. The project also provides for all auxiliary equipment necessary to support new bus services and the replacement of vehicles nearing the end of useful life.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$48,807,895
Total	\$48,807,895

Project Number: 60/6752
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Federal Grants	\$22,187,366
Regional Transportation Fund	\$5,546,841
Transit Tax	\$1,951,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$29,685,207	\$19,122,688	\$0	\$0	\$0	\$48,807,895

CP / EV LRT - Rail Planning, Design and Construction



Project Description

This project provides funding for design, engineering and construction of 5 ½ miles of light rail transit that will link downtown Phoenix and downtown Mesa to Tempe including Sky Harbor Airport and Arizona State University. In addition, this project provides for obtaining necessary project rights of way. The major funding partners in the CP/EV LRT project are Phoenix, Tempe and Mesa. Together, the cities are funding approximately half of the capital costs of the project with a combination of local sales tax revenues, bond proceeds and other local sources. The balance will be funded with federal sources, including Federal Transportation Administration Section 5309 New Starts grant funds. The budget to the right reflects Tempe's anticipated contribution in fiscal year 2008-09.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$10,578,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$10,578,000

Project Number: 60/6710
Estimated Start Date: 09/01/96
Estimated Completion Date: 12/01/08

2008-09 Source of Funds

Transit Tax	\$10,578,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$10,578,000	\$0	\$0	\$0	\$0	\$10,578,000

Light Rail - Concurrent Non-Project Activities (CNPA)



Project Description

This project funds Light Rail concurrent non-project related activities that are designed, constructed and managed through Valley Metro Rail during construction of the Light Rail Project.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$4,805,499
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$4,805,499

Project Number: 6004059
Estimated Start Date: 06/30/05
Estimated Completion Date: 12/01/08

2008-09 Source of Funds

Capital Projects Fund Balance \$4,805,499

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$4,805,499	\$0	\$0	\$0	\$0	\$4,805,499

I-10 and Alameda Drive Bicycle and Pedestrian Crossing



Project Description

This project will construct a non-motorized bridge over the Interstate 10 Freeway (I-10) at Alameda Drive. The bridge will provide bicycle and pedestrian access from west of the I-10 to Arizona State University and downtown Tempe, and provide Americans with Disabilities Act accessible routes to employment centers and major regional destinations. Work to be performed includes design, acquisition of ramp easements as needed, bridge construction, artwork, and installation of landscaping and street furniture.

Estimated Project Costs

Legal Administration	\$34,000
Land Acquisition	\$0
Design Services	\$403,200
Construction Management	\$202,000
Construction	\$3,360,000
Permit Fees	\$60,000
Geotech./Material Testing	\$34,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$34,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$50,000
Total	\$4,177,200

Project Number: N/A
Estimated Start Date: 07/01/10
Estimated Completion Date: 12/31/12

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$403,200	\$0	\$3,774,000	\$4,177,200

Broadway Road Streetscape and Pedestrian Improvements



Project Description

This project consists of pedestrian and bicycle facility improvements along an arterial street fronted by single family residential units.

Estimated Project Costs

Legal Administration	\$30,000
Land Acquisition	\$0
Design Services	\$240,000
Construction Management	\$300,000
Construction	\$2,000,000
Permit Fees	\$0
Geotech./Material Testing	\$20,000
Utility Relocation	\$0
Utility Undergrounding	\$150,000
Survey Staking	\$100,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$100,000
Other Project Costs	\$300,000
Total	\$3,240,000

Project Number: 6003059
Estimated Start Date: 01/01/09
Estimated Completion Date: 01/01/11

2008-09 Source of Funds

Capital Projects Fund Balance \$240,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$240,000	\$3,000,000	\$0	\$0	\$0	\$3,240,000

Bus Fleet Mid-life Refurbishment



Project Description

This project funds scheduled mid-life maintenance for the City's existing bus fleet. The refurbishment program extends the useful life of the City's buses and includes body paint refurbishment, interior reconditioning, major mechanical component inspection and replacement, and miscellaneous equipment in support of bus maintenance.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$3,000,000
Total	\$3,000,000

Project Number: 6001919
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Transit Tax \$3,000,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000

University Drive Street Improvement - Priest / Mill



Project Description

This project provides funding for geometric changes to University Drive including the installation of on-street parking, striping for bike lanes, widening of sidewalks, construction of medians, pedestrian safety, fiber optic cable installation, providing mid-block crossings, and providing transit and pedestrian amenities.

Estimated Project Costs

Legal Administration	\$5,000
Land Acquisition	\$0
Design Services	\$250,000
Construction Management	\$160,000
Construction	\$1,860,000
Permit Fees	\$0
Geotech./Material Testing	\$30,000
Utility Relocation	\$30,000
Utility Undergrounding	\$0
Survey Staking	\$30,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$160,000
Total	\$2,525,000

Project Number: N/A
Estimated Start Date: 07/01/09
Estimated Completion Date: 12/01/11

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$250,000	\$2,275,000	\$0	\$0	\$2,525,000

Hardy Drive Pedestrian Street Improvement



Project Description

This project consists of design and construction aimed at providing pedestrian, bicycle and transit improvements on Hardy Drive between Broadway Road and University Drive. The project may include geometric changes to the street including the possible addition of on-street parking, striping for bike lanes, widening of sidewalks, reduction of existing travel lane widths, construction of planted medians, protection from intrusion of commercial truck traffic, improved pedestrian safety, reduction of speed limits, and construction of mid-block crossings.

Estimated Project Costs

Legal Administration	\$10,000
Land Acquisition	\$15,000
Design Services	\$250,000
Construction Management	\$160,000
Construction	\$1,640,000
Permit Fees	\$0
Geotech./Material Testing	\$30,000
Utility Relocation	\$30,000
Utility Undergrounding	\$0
Survey Staking	\$25,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$25,000
Other Project Costs	\$160,000
Total	\$2,345,000

Project Number: N/A
Estimated Start Date: 07/01/10
Estimated Completion Date: 12/01/12

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$250,000	\$2,095,000	\$0	\$2,345,000

South Tempe Transit Center



Project Description

This project provides for the construction of a new South Tempe Transit Center that will consist of four to six bus bays. The Transit Center will provide passenger amenities including furniture to support passenger transfers. The facility will also include variable message signs that will display bus schedules and bus arrival times. A location analysis will be conducted prior to design and construction of the center.

Estimated Project Costs

Legal Administration	\$1,800
Land Acquisition	\$0
Design Services	\$192,000
Construction Management	\$96,000
Construction	\$1,600,000
Permit Fees	\$29,000
Geotech./Material Testing	\$16,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$16,000
ITD/Telecommunications	\$25,000
Furnishings/Equipment	\$0
Other Project Costs	\$50,000
Total	\$2,025,800

Project Number: 6009159
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Regional Transportation Fund	\$1,945,123
Transit Tax	\$80,677

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$2,025,800	\$0	\$0	\$0	\$0	\$2,025,800

Crosscut Canal Multi-Use Path Phase II



Project Description

This project provides for the construction of Phase II of the Tempe Crosscut Canal Multi-Use Path, a one-mile non-motorized path facility that will connect to the recently completed award-winning 1.25 mile Crosscut Canal Multi-Use Path Phase I. The project includes a paved path facility, landscaping, lighting, and a public art element. The project follows Salt River Project's Crosscut Canal through Papago Park and connects to Tempe's Canal and Moer parks.

This project serves to consolidate trails in Papago Park and helps preserve a fragile piece of the Sonoran Desert, while also retaining and protecting a naturalized riparian system along a portion of the canal route.

Estimated Project Costs

Legal Administration	\$20,000
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$1,225,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$100,000
Survey Staking	\$50,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$80,000
Other Project Costs	\$425,000
Total	\$1,900,000

Project Number: 6002449
Estimated Start Date: 01/01/06
Estimated Completion Date: 01/01/10

2008-09 Source of Funds

Transit Tax	\$1,400,000
Federal Grants	\$500,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,900,000	\$0	\$0	\$0	\$0	\$1,900,000

Rio Salado Multi-Use Path - Tempe-Phx (Priest - 143)



Project Description

This project involves the continued design and construction of the Tempe Rio Salado multi-use path system. This segment will extend from Priest Drive to State Route 143 on the western City limit of Tempe. The project includes landscaping, lighting, public art and other public amenities, and will be completed in conjunction with a City of Phoenix Rio Salado project; linking the two cities.

Estimated Project Costs

Legal Administration	\$25,000
Land Acquisition	\$0
Design Services	\$100,000
Construction Management	\$0
Construction	\$776,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$75,000
Survey Staking	\$124,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$50,000
Other Project Costs	\$250,000
Total	\$1,400,000

Project Number: N/A
Estimated Start Date: 01/01/05
Estimated Completion Date: 06/30/11

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$300,000	\$1,100,000	\$0	\$0	\$1,400,000

Install CCTV Monitoring Stations - LRT Signal Intersections



Project Description

This project serves to expand the monitoring segments of the regional transportation Closed Circuit Television (CCTV) network by adding CCTV monitoring capabilities at 25 signalized intersections along the Light Rail Transit (LRT) alignment. Expanded CCTV coverage will take full advantage of the communications infrastructure built into the Phoenix East Valley LRT project, and will promote multi-jurisdictional congestion relief goals by providing a platform to better coordinate LRT traffic signals as well as to respond to accidents / incidents in a more cooperative and efficient process.

Estimated Project Costs

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

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

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$0	\$409,343	\$0	\$409,343



Project Description

This project provides for the development of an Intelligent Transportation Systems (ITS) strategic plan. The plan will provide the City with guidelines and priorities on ITS investments, including types of technology, locations, and partnering opportunities. The plan will provide the City a blueprint for ITS investments in the next 5-10 years.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$70,000
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$70,000

Project Number: 6009169

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Transit Tax \$70,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$70,000	\$0	\$0	\$0	\$0	\$70,000

CIP Projects by Total Project Cost - Rio Salado Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Recommended</i>						
Town Lake Rubber Dam Replacement		15,400,000	6,600,000			22,000,000
Rio East Park	4,116,561	1,684,030	170,672	182,080	194,476	6,347,819
Tempe Town Lake Pedestrian Bridge	1,754,800					1,754,800
Rio Salado Ancillary Projects	100,000	100,000	100,000	100,000	100,000	500,000
Total Recommended	\$5,971,361	\$17,184,030	\$6,870,672	\$282,080	\$294,476	\$30,602,619

CIP Projects by Funding Source - Rio Salado Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Funding Source:						
<u>Land Sale Proceeds-Rio East</u>						
Town Lake Rubber Dam Replacement		4,600,000	6,600,000			11,200,000
Rio East Park	2,616,561	1,684,030	170,672	182,080	194,476	4,847,819
Tempe Town Lake Pedestrian Bridge	1,004,800					1,004,800
Rio Salado Ancillary Projects	100,000	100,000	100,000	100,000	100,000	500,000
Subtotal	3,721,361	6,384,030	6,870,672	282,080	294,476	17,552,619
Funding Source:						
<u>Mondrian Agreement</u>						
Town Lake Rubber Dam Replacement		10,800,000				10,800,000
Funding Source:						
<u>Developer Funding</u>						
Rio East Park	1,500,000					1,500,000
Funding Source:						
<u>Grants</u>						
Tempe Town Lake Pedestrian Bridge	750,000					750,000
Rio Salado Program Total	\$5,971,361	\$17,184,030	\$6,870,672	\$282,080	\$294,476	\$30,602,619

Town Lake Rubber Dam Replacement



Project Description

This project provides for the replacement of the rubber dams at the western (downstream) end of Temp Town Lake. Replacement of the larger downstream dams is the first priority, followed by the smaller upstream dams.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$220,000
Construction Management	\$220,000
Construction	\$20,000,000
Permit Fees	\$380,000
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$1,180,000
Total	\$22,000,000

Project Number: 6502739
Estimated Start Date: 10/01/09
Estimated Completion Date: 06/30/11

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$15,400,000	\$6,600,000	\$0	\$0	\$22,000,000

Rio East Park



Project Description

This project will serve to complete the linear park system around Tempe Town Lake, and complete a connection from the United States Army Corps of Engineers (USACE) Path to McClintock Drive. The first public pier with on-water storage at Tempe Town Lake, and a public restroom in the park area are also included with this project.

Estimated Project Costs

Legal Administration	\$19,000
Land Acquisition	\$0
Design Services	\$539,000
Construction Management	\$150,000
Construction	\$4,065,827
Permit Fees	\$92,375
Geotech./Material Testing	\$227,000
Utility Relocation	\$0
Utility Undergrounding	\$75,000
Survey Staking	\$56,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$1,123,617
Total	\$6,347,819

Project Number: 6509179
Estimated Start Date: 09/01/08
Estimated Completion Date: 05/31/09

2008-09 Source of Funds

Rio East Land Sale Proceeds	\$2,616,561
Developer Funding	\$1,500,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$4,116,561	\$1,684,030	\$170,672	\$182,080	\$194,476	\$6,347,819

Tempe Town Lake Pedestrian Bridge



Project Description

The Tempe Town Lake Pedestrian Bridge is a project to span the west dams of Tempe Town Lake with a pedestrian friendly bridge. The project will provide access across the lake for pedestrians, skaters, and bicyclists. Also included is the creation of a plaza at the north landing of the bridge, and modification of the south landing to provide a transition to the existing Tempe Center for the Arts and multi-use path. Construction will also include conduit placed for communications use in case the need arises.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$1,750,000
Permit Fees	\$4,800
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,754,800

Project Number: 6501549
Estimated Start Date: 11/01/06
Estimated Completion Date: 04/01/10

2008-09 Source of Funds

Rio East Land Sale Proceeds	\$1,004,800
Grants	\$750,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,754,800	\$0	\$0	\$0	\$0	\$1,754,800

Rio Salado Ancillary Projects



Project Description

Rio Salado Ancillary Projects 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
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$500,000
Total	\$500,000

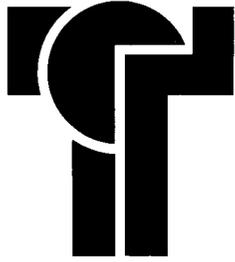
Project Number: 65/6931A
Estimated Start Date: 06/17/99
Estimated Completion Date: 06/30/13

2008-09 Source of Funds

Rio East Land Sale Proceeds	\$100,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



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



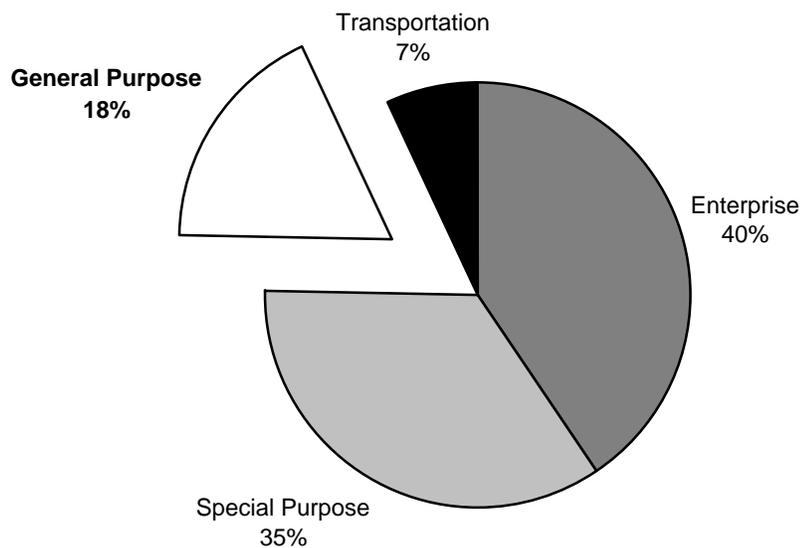
Clockwise from top: Tempe Public Library; Tempe Kiwanis Park; Tempe Diablo Stadium.

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 \$29.9 million of the \$168 million Capital Improvements Budget for FY 2008-09. A total of \$23.6 million in General Obligation bonds will be sold to provide the bulk of the funding for these projects. The balance will come from land sale proceeds, grants, fund balances, and transfers from other City funds.

Major projects in FY 2008-09 include: **Police** - continued funding for a new police radio system, and funding for new customized laptops; **Fire** - continued funding for construction of a new Support Services Facility and a new Fire Station in the southeast quadrant of the city; **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 and Historical Museum, the Municipal Arts Program, and numerous ongoing facilities repair and replacement programs.



CAPITAL PROGRAM	
PROGRAM	FY 2008-09
Enterprise	\$68,004,000
Special Purpose	58,275,867
General Purpose	29,892,082
Transportation	11,861,376
TOTAL CAPITAL PROGRAM	\$168,033,325

CIP Projects by Total Project Cost - Police Protection Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Recommended</i>						
Police City Radio System Replacement	3,663,649	1,985,800	700,000	700,000	700,000	7,749,449
Laptop Replacement	1,860,000					1,860,000
TIPS (Technology Integrated Police Systems)	375,000	375,000	250,000	250,000	200,000	1,450,000
Cellular Phone Tracking System	362,600					362,600
Total Recommended	\$6,261,249	\$2,360,800	\$950,000	\$950,000	\$900,000	\$11,422,049

CIP Projects by Funding Source - Police Protection Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>General Obligation Bonds</i>						
Police/City Radio System Replacement	2,038,003	1,985,800	700,000	700,000	700,000	6,123,803
Laptop Replacement	1,860,000					1,860,000
TIPS (Technology Integrated Police Systems)	75,000	375,000	250,000	250,000	200,000	1,150,000
Subtotal	3,973,003	2,360,800	950,000	950,000	900,000	9,133,803
<i>Funding Source:</i>						
<i>Capital Projects Fund Balance</i>						
TIPS (Technology Integrated Police Systems)	300,000					300,000
<i>Funding Source:</i>						
<i>Rio East Land Sale Proceeds</i>						
Cellular Phone Tracking System	362,600					362,600
<i>Funding Source: COPS Grant</i>						
Police/City Radio System Replacement	1,625,646					1,625,646
Police Protection Total	\$6,261,249	\$2,360,800	\$950,000	\$950,000	\$900,000	\$11,422,049

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 and allows Tempe to participate in the establishment of long term public safety interoperability in the Phoenix metro area.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$7,749,449
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$7,749,449

Project Number: 5501989
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds	\$2,038,003
COPS Grant	\$1,625,646

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$3,663,649	\$1,985,800	\$700,000	\$700,000	\$700,000	\$7,749,449

Laptop Replacement



Project Description

This project provides for the replacement of ruggedized laptop computers used by Patrol Officers and other field personnel.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$1,860,000
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,860,000

Project Number: 5509189
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

General Obligation Bonds	\$1,860,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,860,000	\$0	\$0	\$0	\$0	\$1,860,000

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 implementation of Police specific GIS layers, computer based training applications, continued development of the wireless infrastructure, hardware for growing data storage needs, replacement of printers and other specialty hardware, and upgrades to software. Funding for this project also provides for the initial setup costs of COPLINK, a regional web-based data sharing and crime trend analysis software that will link with the crime records databases from neighboring municipal agencies.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$1,450,000
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,450,000

Project Number: 55/6680
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds	\$75,000
Capital Projects Fund Balance	\$300,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$375,000	\$375,000	\$250,000	\$250,000	\$200,000	\$1,450,000

Cellular Phone Tracking System



Project Description

This project will provide a cellular phone tracking system for the Police Department. The tracking system will utilize state of the art technology capable of identifying the physical locations of cellular phones. This technology has been used by law enforcement agencies to investigate a variety of violent crimes including robberies, kidnappings, and homicides.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$342,300
Furnishings/Equipment	\$800
Other Project Costs	\$19,500
Total	\$362,600

Project Number: 5509199
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Rio East Land Sale Proceeds	\$362,600
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$362,600	\$0	\$0	\$0	\$0	\$362,600

CIP Projects by Total Project Cost - Fire Protection Program



Project Description	2008-09					Total
	Funded Program	2009-10	2010-11	2011-12	2012-13	5-Year Program
<i>Recommended</i>						
New Support Services Facility	665,136	8,215,639				8,880,775
Fire Station 2		503,424	7,731,821			8,235,245
Fire Station 7 for Southeast Quadrant	3,927,884					3,927,884
Radio Replacement for Conversion to 800 Megahertz	719,000	171,896				890,896
Replace Burn Room at the Fire Training Center				500,000		500,000
Total Recommended	\$5,312,020	\$8,890,959	\$7,731,821	\$500,000	\$0	\$22,434,800

CIP Projects by Funding Source - Fire Protection Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>General Obligation Bonds</i>						
New Support Services Facility	665,136	8,215,639				8,880,775
Fire Station 2		503,424	7,731,821			8,235,245
Fire Station 7 for Southeast Quadrant	3,927,884					3,927,884
Radio Replacement for Conversion to 800 Megahertz	719,000	171,896				890,896
Replace Burn Room at the Fire Training Center				500,000		500,000
Fire Program Total	\$5,312,020	\$8,890,959	\$7,731,821	\$500,000	\$0	\$22,434,800

New Support Services Facility



Project Description

This project will construct a new Support Services Facility for the Fire Department. The existing facility is inadequate in terms of size and capabilities. The project will include purchase of land for the facility, and 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. The warehouse area alone will be approximately 5,000 square feet.

Estimated Project Costs

Legal Administration	\$55,428
Land Acquisition	\$0
Design Services	\$665,136
Construction Management	\$665,136
Construction	\$5,542,800
Permit Fees	\$105,313
Geotech./Material Testing	\$55,428
Utility Relocation	\$110,856
Utility Undergrounding	\$221,712
Survey Staking	\$55,428
ITD/Telecommunications	\$39,550
Furnishings/Equipment	\$200,000
Other Project Costs	\$1,163,988
Total	\$8,880,775
Project Number:	5604009
Estimated Start Date:	07/01/07
Estimated Completion Date:	06/30/10

2008-09 Source of Funds

General Obligation Bonds	\$665,136
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$665,136	\$8,215,639	\$0	\$0	\$0	\$8,880,775

Fire Station 2



Project Description

This project will construct a new four bay fire station on south Hardy Rd. where the existing Fire Station 2 and the Support Services Facility are currently located. The project will entail the demolition of both the existing Fire Station 2 and the Support Services Facility; therefore the commencement of this project is dependent on prior 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 vehicle.

Estimated Project Costs

Legal Administration	\$50,694
Land Acquisition	\$0
Design Services	\$608,328
Construction Management	\$608,328
Construction	\$5,069,400
Permit Fees	\$96,319
Geotech./Material Testing	\$50,694
Utility Relocation	\$101,388
Utility Undergrounding	\$202,776
Survey Staking	\$50,694
ITD/Telecommunications	\$37,050
Furnishings/Equipment	\$100,000
Other Project Costs	\$1,259,574
Total	\$8,235,245
Project Number:	N/A
Estimated Start Date:	07/01/09
Estimated Completion Date:	06/30/11

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$503,424	\$7,731,821	\$0	\$0	\$8,235,245

Fire Station 7 for Southeast Quadrant



Project Description

This project will construct of a new three-bay fire station in the southeast quadrant of the City. Project funding includes everything necessary to put the facility in service, including purchase of the land, the facility, fire truck, personnel, and supplies and operating expenses.

Staffing this station with an engine company will require 21 additional personnel. Our plan will be to hire them during fiscal year 2008-09, so that they will be trained and ready to operate in conjunction with the completion of the station. This company will be located at an existing station until the new station is opened.

Estimated Project Costs

Legal Administration	\$26,142
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$313,704
Construction	\$2,614,200
Permit Fees	\$49,670
Geotech./Material Testing	\$26,142
Utility Relocation	\$52,284
Utility Undergrounding	\$104,568
Survey Staking	\$26,142
ITD/Telecommunications	\$41,050
Furnishings/Equipment	\$50,000
Other Project Costs	\$623,982
Total	\$3,927,884
Project Number:	5601309
Estimated Start Date:	07/01/07
Estimated Completion Date:	06/30/09

2008-09 Source of Funds

General Obligation Bonds	\$3,927,884
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$3,927,884	\$0	\$0	\$0	\$0	\$3,927,884

Radio Replacement for Conversion to 800 Megahertz



Project Description

This project provides additional funding for the fire department's federally mandated conversion to 800 MHz radios. Funding will allow the department to complete the conversion and 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
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$890,896
Total	\$890,896
Project Number:	56/6947
Estimated Start Date:	07/01/08
Estimated Completion Date:	06/30/09

2008-09 Source of Funds

General Obligation Bonds	\$719,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$719,000	\$171,896	\$0	\$0	\$0	\$890,896

Replace Burn Room at the 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 existing burn room is used on average 41 days per year for fire training and sustains damage with each live fire training which limits the life of the building. The burn room is a critical training area for firefighter safety.

Estimated Project Costs

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

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

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$0	\$500,000	\$0	\$500,000

CIP Projects by Total Project Cost - Storm Drains Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Recommended</i>						
Storm Drain Improvements	250,000	275,000	275,000	300,000	300,000	1,400,000
Total Recommended	\$250,000	\$275,000	\$275,000	\$300,000	\$300,000	\$1,400,000

CIP Projects by Funding Source - Storm Drains Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<u>General Obligation Bonds</u>						
Storm Drain Improvements	250,000	275,000	275,000	300,000	300,000	1,400,000
Storm Drains Program Total	\$250,000	\$275,000	\$275,000	\$300,000	\$300,000	\$1,400,000

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	\$26,880
Land Acquisition	\$0
Design Services	\$151,200
Construction Management	\$56,000
Construction	\$1,008,000
Permit Fees	\$10,080
Geotech./Material Testing	\$80,640
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$67,200
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,400,000

Project Number: 5899971
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$250,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$250,000	\$275,000	\$275,000	\$300,000	\$300,000	\$1,400,000

CIP Projects by Total Project Cost - Park Improvements/Recreation Program



Project Description	2008-09					Total
	Funded Program	2009-10	2010-11	2011-12	2012-13	5-Year Program
<i>Recommended</i>						
Park Renovation and Restoration	6,971,375	6,136,375	6,249,875	6,674,375	6,877,000	32,909,000
Kiwanis Park Sprinkler System Replacement	1,534,000	1,534,000				3,068,000
Athletic Field Lighting Improvements	352,500	352,500	402,500	402,500	455,000	1,965,000
Neighborhood Park Improvements	325,000	375,000	375,000	400,000	400,000	1,875,000
Park Landscaping Improvements	150,000	162,000	175,000	190,000	205,000	882,000
Street Landscaping	125,000	125,000	150,000	150,000	175,000	725,000
Diablo Stadium Scoreboard Replacement	621,000					621,000
Sports Facility Relamping	60,000	60,000	60,000	60,000	60,000	300,000
Total Recommended	\$10,138,875	\$8,744,875	\$7,412,375	\$7,876,875	\$8,172,000	\$42,345,000

CIP Projects by Funding Source - Park Improvements / Recreation Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>General Obligation Bonds</i>						
Park Renovation and Restoration	6,971,375	6,136,375	6,249,875	6,674,375	6,877,000	32,909,000
Kiwanis Park Sprinkler System Replacement	1,534,000	1,534,000				3,068,000
Athletic Field Lighting Improvements	352,500	352,500	402,500	402,500	455,000	1,965,000
Neighborhood Park Improvements	325,000	375,000	375,000	400,000	400,000	1,875,000
Park Landscaping Improvements		162,000	175,000	190,000	205,000	732,000
Street Landscaping	125,000	125,000	150,000	150,000	175,000	725,000
Diablo Stadium Scoreboard Replacement	621,000					621,000
Sports Facility Relamping		60,000	60,000	60,000	60,000	240,000
<i>Subtotal</i>	9,928,875	8,744,875	7,412,375	7,876,875	8,172,000	42,135,000
<i>Funding Source:</i>						
<i>Capital Projects Fund Balance</i>						
Park Landscaping Improvements	150,000					150,000
Sports Facility Relamping	60,000					60,000
<i>Subtotal</i>	210,000					210,000
Park Improvements / Recreation Program Total	\$10,138,875	\$8,744,875	\$7,412,375	\$7,876,875	\$8,172,000	\$42,345,000

Park Renovation and Restoration



Project Description

This project will fund the renovation of three neighborhood parks per year. The project incorporates a planning process involving extensive neighborhood input. Renovations will involve improvements to playgrounds, irrigation systems, electrical and lighting systems, picnic facilities, landscaping, and accessibility.

The project also includes renovations and upgrades to various park restrooms, renovation of the Kiwanis Park Recreation Center wave making equipment, rehabilitation of the Kiwanis Recreation Center, restoration of Escalante Swimming Pool amenities, and replacement of the Kiwanis Park Batting Range netting.

Estimated Project Costs

Legal Administration	\$66,000
Land Acquisition	\$206,300
Design Services	\$2,321,000
Construction Management	\$1,644,000
Construction	\$20,535,000
Permit Fees	\$393,200
Geotech./Material Testing	\$504,500
Utility Relocation	\$750,000
Utility Undergrounding	\$2,305,000
Survey Staking	\$495,500
ITD/Telecommunications	\$0
Furnishings/Equipment	\$1,217,500
Other Project Costs	\$2,471,000
Total	\$32,909,000

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

2008-09 Source of Funds

General Obligation Bonds \$6,971,375

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$6,971,375	\$6,136,375	\$6,249,875	\$6,674,375	\$6,877,000	\$32,909,000

Kiwanis Park Sprinkler System Replacement



Project Description

This project provides for the replacement of the sprinkler system in Kiwanis Park. The project includes the installation of new 6 inch water mains, valves, lateral lines, and heads and controllers. The project will also include dedicated irrigation to park trees which is not present with the existing system. Construction will be done in two phases over a two year period.

Estimated Project Costs

Legal Administration	\$5,000
Land Acquisition	\$24,300
Design Services	\$0
Construction Management	\$195,000
Construction	\$2,430,000
Permit Fees	\$47,000
Geotech./Material Testing	\$60,750
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$60,750
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$245,200
Total	\$3,068,000

Project Number: 6303099
Estimated Start Date: 01/02/08
Estimated Completion Date: 03/30/10

2008-09 Source of Funds

General Obligation Bonds \$1,534,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,534,000	\$1,534,000	\$0	\$0	\$0	\$3,068,000

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 recommendations.

Estimated Project Costs

Legal Administration	\$5,000
Land Acquisition	\$13,500
Design Services	\$202,500
Construction Management	\$108,000
Construction	\$1,350,000
Permit Fees	\$26,000
Geotech./Material Testing	\$25,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$25,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$75,000
Other Project Costs	\$135,000
Total	\$1,965,000

Project Number: 6303089
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/13

2008-09 Source of Funds

General Obligation Bonds \$352,500

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$352,500	\$352,500	\$402,500	\$402,500	\$455,000	\$1,965,000

Neighborhood Park Improvements



Project Description

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

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$1,875,000
Total	\$1,875,000

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

2008-09 Source of Funds

General Obligation Bonds \$325,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$325,000	\$375,000	\$375,000	\$400,000	\$400,000	\$1,875,000

Park Landscaping Improvements



Project Description

This ongoing project provides for the repair and replacement of neighborhood park landscaping. Funds are used to acquire trees, shrubs, seed and sod, and other planting materials to replace trees and shrubs or repair turf areas at City parks and building sites on an annual basis.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$882,000
Total	\$882,000

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

2008-09 Source of Funds

Capital Projects Fund Balance \$150,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$150,000	\$162,000	\$175,000	\$190,000	\$205,000	\$882,000

Street Landscaping



Project Description

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

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$725,000
Total	\$725,000

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

2008-09 Source of Funds

General Obligation Bonds \$125,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$125,000	\$125,000	\$150,000	\$150,000	\$175,000	\$725,000

Diablo Stadium Scoreboard Replacement



Project Description

This project provides funding for the replacement of the existing scoreboard at Diablo Stadium. This project will also replace the scoreboard's operating system. The existing scoreboard has been in service for more than thirty years.

Estimated Project Costs

Legal Administration	\$1,000
Land Acquisition	\$2,500
Design Services	\$30,000
Construction Management	\$20,000
Construction	\$250,000
Permit Fees	\$5,000
Geotech./Material Testing	\$6,250
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$6,250
ITD/Telecommunications	\$0
Furnishings/Equipment	\$250,000
Other Project Costs	\$50,000
Total	\$621,000

Project Number: 6309209
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

General Obligation Bonds \$621,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$621,000	\$0	\$0	\$0	\$0	\$621,000

Sports Facility Relamping



Project Description

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

Estimated Project Costs

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

Project Number: 63/6938
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Capital Projects Fund Balance \$60,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

CIP Projects by Total Project Cost - General Governmental Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Recommended						
Community Relations						
Maryanne Corder Neighborhood Improvement Program	250,000	250,000	250,000	250,000	250,000	1,250,000
Community Services						
Tempe Public Library Renovation	3,425,133	3,536,333	115,000			7,076,466
Municipal Arts Program	1,096,805	683,076	417,509	373,467	266,290	2,837,147
Tempe Historical Museum Renovation Project	690,000					690,000
Community Services Subtotal	5,211,938	4,219,409	532,509	373,467	266,290	10,603,613
Development Services						
Technology Modernization	225,000	75,000				300,000
Closeout of Building Plan Archive	110,000	40,000				150,000
Development Services Subtotal	335,000	115,000				450,000
Information Technology						
Enterprise Network File Storage and Archival	180,000	348,000				528,000
Public Works						
City Facilities Rehabilitation	500,000	500,000	500,000	500,000	500,000	2,500,000
Historic Properties Preservation	100,000	100,000	100,000	100,000	100,000	500,000
City Hall / Municipal Complex Rehabilitation	450,000					450,000
Facility Maintenance Management Plan	250,000	100,000				350,000
HVAC Equipment Replacement	60,000	60,000	60,000	60,000	60,000	300,000
Roof Maintenance Program	60,000	60,000	60,000	60,000	60,000	300,000
Westside Community Center Roof Repair	196,000					196,000
Energy Upgrade and Retrofit	32,000	32,000	32,000	32,000	32,000	160,000
Microbial Remediation (Mold, Asbestos Removal)	30,000	30,000	30,000	30,000	30,000	150,000
Public Works Subtotal	1,678,000	882,000	782,000	782,000	782,000	4,906,000
Water Utilities						
Irrigation - Capital Replacement	275,000	275,000	275,000	275,000	275,000	1,375,000
Total Recommended	\$7,929,938	\$6,089,409	\$1,839,509	\$1,680,467	\$1,573,290	\$19,112,613

CIP Projects by Funding Source - General Governmental Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Funding Source:						
<u>General Obligation Bonds</u>						
Tempe Public Library Renovation	3,425,133	3,536,333	115,000			7,076,466
Tempe Historical Museum Renovation Project	690,000					690,000
Subtotal	4,115,133	3,536,333	115,000			7,766,466
Funding Source:						
<u>Capital Improvements Reserve</u>						
Maryanne Corder Neighborhood Improvement Program	250,000	250,000	250,000	250,000	250,000	1,250,000
Historic Properties Preservation	100,000	100,000	100,000	100,000	100,000	500,000
HVAC Equipment Replacement	60,000	60,000	60,000	60,000	60,000	300,000
Roof Maintenance Program	60,000	60,000	60,000	60,000	60,000	300,000
Energy Upgrade and Retrofit	32,000	32,000	32,000	32,000	32,000	160,000
Irrigation-Capital Replacement	275,000	275,000	275,000	275,000	275,000	1,375,000
Subtotal	777,000	777,000	777,000	777,000	777,000	3,885,000
Funding Source:						
<u>Rio East Land Sale Proceeds</u>						
Development Services Technology Modernization	225,000	75,000				300,000
Development Services - Closeout of Building Plan Archive	110,000	40,000				150,000
Enterprise Network File Storage and Archival	180,000	348,000				528,000
City Facilities Rehabilitation	500,000	500,000	500,000	500,000	500,000	2,500,000
City Hall / Municipal Complex Rehabilitation	450,000					450,000
Facility Maintenance Management Plan	125,000	100,000				225,000
Westside Community Center Roof Repair	196,000					196,000
Microbial Remediation (Mold, Asbestos Removal)	30,000	30,000	30,000	30,000	30,000	150,000
Subtotal	1,816,000	1,093,000	530,000	530,000	530,000	4,499,000

CIP Projects by Funding Source - General Governmental Program (continued)



Project Description	2008-09					Total
	Funded Program	2009-10	2010-11	2011-12	2012-13	Program Program
<i>Funding Source:</i>						
<i>Water/Wastewater Fund</i>						
Municipal Arts Program	679,540	456,350	377,227	348,424	228,550	2,090,090
<i>Funding Source: Transit Fund</i>						
Municipal Arts Program	417,265	226,727	40,282	25,043	37,740	747,057
Facility Maintenance Management Plan	125,000					125,000
Subtotal	542,265	226,727	40,282	25,043	37,740	872,057
General Governmental Program						
Total	\$7,929,938	\$6,089,409	\$1,839,509	\$1,680,467	\$1,573,290	\$19,112,613

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 project). The selection of recipients and the amounts awarded are determined by City Council based on grant application requests from homeowner and neighborhood associations. Examples of projects include landscape, security lighting, and park improvements.

Estimated Project Costs

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

Project Number: 67/6556
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Capital Improvements Reserve \$250,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Tempe Public Library Renovation



Project Description

The purpose of this project is to 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 development of other media formats, the building was primarily designed to serve as a book repository. 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. The project will also include purchasing a wireless telephone system that would free librarians from public services desks and allow them to interact with both telephone and in-house customers in a more efficient and customer-friendly manner.

Estimated Project Costs

Legal Administration	\$66,666
Land Acquisition	\$0
Design Services	\$650,000
Construction Management	\$0
Construction	\$5,000,000
Permit Fees	\$90,000
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$100,000
ITD/Telecommunications	\$200,000
Furnishings/Equipment	\$969,800
Other Project Costs	\$0
Total	\$7,076,466

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

2008-09 Source of Funds

General Obligation Bonds \$3,425,133

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$3,425,133	\$3,536,333	\$115,000	\$0	\$0	\$7,076,466

Municipal Arts Program



Project Description

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

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$2,837,147
Total	\$2,837,147

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

2008-09 Source of Funds

Water/Wastewater Fund	\$679,540
Transit Fund	\$417,265

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,096,805	\$683,076	\$417,509	\$373,467	\$266,290	\$2,837,147

Tempe Historical Museum Renovation Project



Project Description

Funding for this project will complete the renovation of the 8,000 square foot exhibit hall and gallery, and related amenities in the Tempe Historical Museum. The project also provides approximately 4,000 additional square feet of storage space and provides necessary upgrades to the existing fabrication workshop. The project will also address significant necessary HVAC repairs.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$690,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$690,000

Project Number: 6702489
Estimated Start Date: 10/01/08
Estimated Completion Date: 10/01/09

2008-09 Source of Funds

General Obligation Bonds	\$690,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$690,000	\$0	\$0	\$0	\$0	\$690,000

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
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$300,000
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$300,000

Project Number: 6709219

Estimated Start Date: 11/01/08

Estimated Completion Date: 08/31/09

2008-09 Source of Funds

Rio East Land Sale Proceeds \$225,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$225,000	\$75,000	\$0	\$0	\$0	\$300,000

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 the 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	\$150,000
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$150,000

Project Number: 6709229

Estimated Start Date: 09/01/08

Estimated Completion Date: 08/31/09

2008-09 Source of Funds

Rio East Land Sale Proceeds \$110,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$110,000	\$40,000	\$0	\$0	\$0	\$150,000

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
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$528,000
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$528,000

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

2008-09 Source of Funds

Rio East Land Sale Proceeds \$180,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$180,000	\$348,000	\$0	\$0	\$0	\$528,000

City Facilities Rehabilitation



Project Description

This project funds the rehabilitation and repair of aging public facilities and related systems including roofing repairs and replacements, floor covering, painting, repairs and upgrades of building automation, fire alarms and damaged equipment.

Estimated Project Costs

Legal Administration	\$4,500
Land Acquisition	\$0
Design Services	\$150,000
Construction Management	\$0
Construction	\$2,160,500
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$150,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$35,000
Total	\$2,500,000

Project Number: 6799779
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Rio East Land Sale Proceeds \$500,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Historic Properties Preservation



Project Description

This project funds the rehabilitation and repair of aging historic facilities owned by the City. The scope of the rehabilitation includes infrastructure systems, roofing repairs and replacements, floor covering, painting, repairs and upgrades of building automation, fire alarms and damaged equipment.

Estimated Project Costs

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

Project Number: 67/6809
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Capital Improvements Reserve \$100,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

City Hall / Municipal Complex Rehabilitation



Project Description

This project will assess the condition of the Municipal Complex and immediate surroundings for refurbishing needs. The following will be evaluated and included in the refurbishment: lighting, signage, security, structural, mechanical, water penetration, deck surface and utilization, glazing and related mullions, landscaping, general aesthetics, and ADA and building code issues.

Estimated Project Costs

Legal Administration	\$24,000
Land Acquisition	\$0
Design Services	\$330,000
Construction Management	\$0
Construction	\$0
Permit Fees	\$48,000
Geotech./Material Testing	\$24,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$24,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$450,000

Project Number: 6709249
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Rio East Land Sale Proceeds \$450,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$450,000	\$0	\$0	\$0	\$0	\$450,000

Facility Maintenance Management Plan



Project Description

This project provides funding for a building and infrastructure condition assessment of new and aging City of Tempe facilities. The assessment will aid in the development of a maintenance management master plan that will establish an inventory of public facility maintenance needs, and communicate and prioritize a list of identified building repairs to responsible departments. The plan will also track building functionality, safety and integrity.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$350,000
Total	\$350,000
Project Number:	6706030
Estimated Start Date:	07/01/08
Estimated Completion Date:	06/30/11

2008-09 Source of Funds

Rio East Land Sale Proceeds	\$125,000
Transit Fund	\$125,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$250,000	\$100,000	\$0	\$0	\$0	\$350,000

HVAC Equipment Replacement



Project Description

This project provides for the replacement of air conditioning equipment and systems in City facilities.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$300,000
Other Project Costs	\$0
Total	\$300,000
Project Number:	67/6873
Estimated Start Date:	Ongoing
Estimated Completion Date:	Ongoing

2008-09 Source of Funds

Capital Improvements Reserve	\$60,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

Roof Maintenance Program



Project Description

This project provides for the repair and maintenance of City facility roofing.

Estimated Project Costs

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

Project Number: 6702519
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Capital Improvements Reserve \$60,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

Westside Community Center Roof Repair



Project Description

This project will replace the roof at the City's Westside Community Center.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$196,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$196,000

Project Number: 6709259
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Rio East Land Sale Proceeds \$196,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$196,000	\$0	\$0	\$0	\$0	\$196,000

Energy Upgrade and Retrofit



Project Description

This ongoing project provides for replacement of substandard and inefficient lighting systems in City buildings.

Estimated Project Costs

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

Project Number: 67/6688
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Capital Improvements Reserve \$32,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000

Microbial Remediation (Mold, Asbestos Removal)



Project Description

The scope of this project entails the acquisition of adequate resources to fund and conduct microbial assessments and remediation, and mold and asbestos removal in City facilities as required by state and federal environmental regulations.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$150,000
Total	\$150,000

Project Number: 6709269
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Rio East Land Sale Proceeds \$30,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

Irrigation - Capital Replacement



Project Description

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

Estimated Project Costs

Legal Administration	\$11,000
Land Acquisition	\$0
Design Services	\$135,000
Construction Management	\$68,000
Construction	\$1,128,000
Permit Fees	\$11,000
Geotech./Material Testing	\$11,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$11,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,375,000

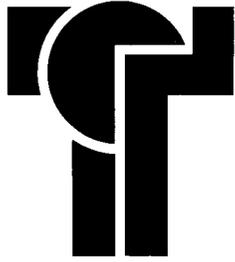
Project Number: 6704040
Estimated Start Date: 07/01/08
Estimated Completion Date: Ongoing

2008-09 Source of Funds

Capital Improvements Reserve \$275,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,375,000



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

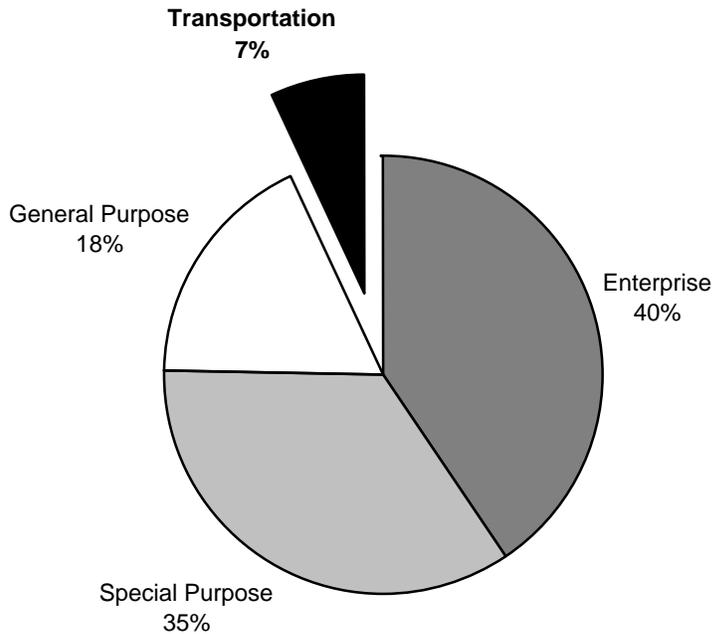


Clockwise from top: street light installation; Tempe Transportation Center; graffiti removal.



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 7% of the Capital Improvements Budget for 2008-09. A total of \$10.2 million in General Obligation bonds will be issued to support these projects.

Some major FY 2008-09 projects provided for under the two programs include: **Transportation and R.O.W. Improvements** - funding for replacement of the Baseline road bridge over the western canal, continued funding for local 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 streetlight replacements and upgrades.



CAPITAL PROGRAM	
PROGRAM	FY 2008-09
Enterprise	\$68,004,000
Special Purpose	58,275,867
General Purpose	29,892,082
Transportation	11,861,376
TOTAL CAPITAL PROGRAM	\$168,033,325

CIP Projects by Total Project Cost - Transportation & R.O.W. Improvements Program

Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Recommended</i>						
Street Microsurfacing	1,190,650	1,500,000	1,650,000	1,815,000	1,633,500	7,789,150
Residential Street Surface Treatments	877,400	1,237,500	1,361,250	1,497,375	1,647,113	6,620,638
Asphalt Mill and Overlay	1,058,122	1,163,934	1,280,328	1,300,000	1,365,000	6,167,384
Neighborhood Street Rehabilitation	786,500	865,150	951,665	1,046,832	1,151,515	4,801,662
Intersection Reconstruction	726,000	798,600	878,460	966,306	1,062,937	4,432,303
Baseline Bridge Replacement Over Western Canal	4,000,000					4,000,000
Minor Concrete Improvements	475,829	523,415	575,757	633,333	696,666	2,905,000
Street Reconstruction and Improvements	459,729	477,628	525,391	625,000	718,750	2,806,498
Bridge Maintenance	200,000	250,000	250,000	300,000	300,000	1,300,000
Neighborhood Transportation Management	200,000	200,000	200,000	200,000	200,000	1,000,000
City Facilities Parking Lots	33,146	42,000	46,200	50,820	55,902	228,068
Graffiti Removal	200,000					200,000
Minor Alley Improvements and Dust Control	29,000	29,000	29,000	29,000	33,350	149,350
Total Recommended	\$10,236,376	\$7,087,227	\$7,748,051	\$8,463,666	\$8,864,733	\$42,400,053

CIP Projects by Funding Source - Transportation & R.O.W. Improvements Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<u>General Obligation Bonds</u>						
Street Microsurfacing	1,190,650	1,500,000	1,650,000	1,815,000	1,633,500	7,789,150
Residential Street Surface Treatments	877,400	1,237,500	1,361,250	1,497,375	1,647,113	6,620,638
Asphalt Mill and Overlay	1,058,122	1,163,934	1,280,328	1,300,000	1,365,000	6,167,384
Neighborhood Street Rehabilitation	786,500	865,150	951,665	1,046,832	1,151,515	4,801,662
Intersection Reconstruction	726,000	798,600	878,460	966,306	1,062,937	4,432,303
Baseline Bridge Replacement Over Western Canal	3,000,000					3,000,000
Minor Concrete Improvements	475,829	523,415	575,757	633,333	696,666	2,905,000
Street Reconstruction and Improvements	459,729	477,628	525,391	625,000	718,750	2,806,498
Bridge Maintenance		250,000	250,000	300,000	300,000	1,100,000
Neighborhood Transportation Management	200,000	200,000	200,000	200,000	200,000	1,000,000
City Facilities Parking Lots	33,146	42,000	46,200	50,820	55,902	228,068
Minor Alley Improvements and Dust Control	29,000	29,000	29,000	29,000	33,350	149,350
Subtotal	8,836,376	7,087,227	7,748,051	8,463,666	8,864,733	41,000,053
<i>Funding Source:</i>						
<u>LTA Fund Balance</u>						
Baseline Bridge Replacement Over Western Canal	1,000,000					1,000,000
<i>Funding Source:</i>						
<u>Capital Projects Fund Balance</u>						
Bridge Maintenance	200,000					200,000
<i>Funding Source:</i>						
<u>Rio East Land Sale Proceeds</u>						
Graffiti Removal	115,000					115,000
<i>Funding Source:</i>						
<u>Racketeer Influenced and Corrupt Organizations Act (RICO) Funds</u>						
Graffiti Removal	85,000					85,000
Transportation & R.O.W Improvements Program Total	\$10,236,376	\$7,087,227	\$7,748,051	\$8,463,666	\$8,864,733	\$42,400,053

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	\$77,892
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$75,000
Construction	\$7,601,259
Permit Fees	\$0
Geotech./Material Testing	\$35,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$7,789,150

Project Number: 5499931

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$1,190,650

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,190,650	\$1,500,000	\$1,650,000	\$1,815,000	\$1,633,500	\$7,789,150

Residential Street Surface Treatments



Project Description

This project will provide the 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	\$66,206
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$75,000
Construction	\$6,461,432
Permit Fees	\$0
Geotech./Material Testing	\$18,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$6,620,638

Project Number: 5499951

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$877,400

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$877,400	\$1,237,500	\$1,361,250	\$1,497,375	\$1,647,113	\$6,620,638

Asphalt Mill and Overlay



Project Description

This project provides for localized reconstruction and resurfacing 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. By overloading a roadway past its original design, rapid deterioration of the street will result. By resurfacing and rehabilitating the arterials, the strength and the durability of the roadway will greatly increase while the cost of maintaining the road for the next 10 years will decrease.

Estimated Project Costs

Legal Administration	\$61,674
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$125,000
Construction	\$5,905,710
Permit Fees	\$0
Geotech./Material Testing	\$75,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$6,167,384

Project Number: 5499741

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$1,058,122

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$1,058,122	\$1,163,934	\$1,280,328	\$1,300,000	\$1,365,000	\$6,167,384

Neighborhood Street Rehabilitation



Project Description

This project provides for the reconstruction, resurfacing, and / or rehabilitation of residential streets in Tempe neighborhoods. The City's preventive maintenance efforts over the years have preserved the 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 6 miles of residential streets on average.

Estimated Project Costs

Legal Administration	\$48,017
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$240,083
Construction	\$4,398,562
Permit Fees	\$0
Geotech./Material Testing	\$75,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$40,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$4,801,662

Project Number: 5499941

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$786,500

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$786,500	\$865,150	\$951,665	\$1,046,832	\$1,151,515	\$4,801,662

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 project will explore additional pavement alternatives such as portland cement concrete and other additives that will improve the structural integrity of the intersections. The requested funding will address approximately three intersections per year.

Estimated Project Costs

Legal Administration	\$44,323
Land Acquisition	\$0
Design Services	\$201,468
Construction Management	\$443,230
Construction	\$3,668,282
Permit Fees	\$0
Geotech./Material Testing	\$75,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$4,432,303

Project Number: 5499731

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$726,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$726,000	\$798,600	\$878,460	\$966,306	\$1,062,937	\$4,432,303

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.

Estimated Project Costs

Legal Administration	\$32,429
Land Acquisition	\$0
Design Services	\$389,160
Construction Management	\$194,580
Construction	\$3,242,997
Permit Fees	\$58,374
Geotech./Material Testing	\$32,430
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$32,430
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$17,600

Total \$4,000,000

Project Number: 5402991

Estimated Start Date: 07/01/08

Estimated Completion Date: 06/30/09

2008-09 Source of Funds

General Obligation Bonds \$3,000,000

LTAF Fund Balance \$1,000,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000

Minor Concrete Improvements



Project Description

This project provides for emergency repair and replacement and new construction of curbs, gutters, and sidewalks throughout the City to improve the continuity of the infrastructure and to improve accessibility and mobility for pedestrians in various areas.

Estimated Project Costs

Legal Administration	\$29,050
Land Acquisition	\$0
Design Services	\$5,000
Construction Management	\$0
Construction	\$2,862,950
Permit Fees	\$0
Geotech./Material Testing	\$8,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$2,905,000

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

2008-09 Source of Funds

General Obligation Bonds \$475,829

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$475,829	\$523,415	\$575,757	\$633,333	\$696,666	\$2,905,000

Street Reconstruction and Improvements



Project Description

This project provides for the reconstruction, resurfacing, and rehabilitation of isolated and / or small groups of streets that have exceeded their design life or that were never part of the City's street system. Streets and / or public rights-of-way in this category include streets that were acquired through the annexation process throughout the years, and streets / rights-of-way that have never been constructed to City standards.

Estimated Project Costs

Legal Administration	\$28,065
Land Acquisition	\$0
Design Services	\$150,000
Construction Management	\$75,000
Construction	\$2,447,146
Permit Fees	\$0
Geotech./Material Testing	\$91,287
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$15,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$2,806,498

Project Number: 5499711
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$459,729

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$459,729	\$477,628	\$525,391	\$625,000	\$718,750	\$2,806,498

Bridge Maintenance



Project Description

This project provides for repair and maintenance of bridges located throughout the City. Federal law mandates the inspection of all bridges in the country every two (2) years. The Arizona Department of Transportation (ADOT) inspects Tempe's bridges and submits a report to the City for required repairs and maintenance. The report identifies specific repairs and maintenance required and quantifies the estimated cost to make the repairs. The City updates these costs for construction inflation and determines current costs. 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, repair of damaged structural members and guards, replacement of missing bolts and nuts from railings, correction of settlement and subsidence at abutments and miscellaneous other items. This is done to assure that the bridges are safe and in good repair.

Estimated Project Costs

Legal Administration	\$9,750
Land Acquisition	\$0
Design Services	\$156,000
Construction Management	\$0
Construction	\$975,000
Permit Fees	\$0
Geotech./Material Testing	\$159,250
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,300,000

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

2008-09 Source of Funds

Capital Projects Fund Balance \$200,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$200,000	\$250,000	\$250,000	\$300,000	\$300,000	\$1,300,000

Neighborhood Transportation Management



Project Description

This project will provide the Transportation Division with resources to strengthen its ability to address neighborhood traffic concerns, such as the installation of traffic calming devices, including speed humps.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$75,000
Construction Management	\$0
Construction	\$900,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$25,000
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,000,000

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

2008-09 Source of Funds

General Obligation Bonds \$200,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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 management program.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$223,068
Permit Fees	\$0
Geotech./Material Testing	\$5,000
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0

Total \$228,068

Project Number: 5499901

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$33,146

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$33,146	\$42,000	\$46,200	\$50,820	\$55,902	\$228,068

Graffiti Removal



Project Description

This project will upgrade the City's current graffiti removal equipment with the addition of a specialized graffiti truck and two pick up trucks equipped with sprayers, pressure washers and other equipment and materials. The new resources will allow city forces to improve response time and the quality of the removal process when addressing graffiti vandalism.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$0
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$137,000
Other Project Costs	\$63,000

Total \$200,000

Project Number: 5409119

Estimated Start Date: 07/01/08

Estimated Completion Date: Ongoing

2008-09 Source of Funds

Rio East Land Sale Proceeds \$115,000

RICO Funds \$85,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$200,000	\$0	\$0	\$0	\$0	\$200,000

Minor Alley Improvements and Dust Control



Project Description

This project will provide for the improvement of dust control on minor streets and alleys throughout the City, including paving unpaved streets or upgrading substandard minor streets to City standards. The paving of these streets and dust control in the alleys will assist the City in meeting its air quality standard requirements. Alleys that have been improved provide an environment that allows the solid waste personnel to complete their duties safely and quickly as well as encourage residents to take ownership of their alley and increase neighborhood pride.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$149,350
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$149,350

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

2008-09 Source of Funds

General Obligation Bonds \$29,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$29,000	\$29,000	\$29,000	\$29,000	\$33,350	\$149,350

CIP Projects by Total Project Cost - Traffic Signals/Street Lighting Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
Recommended						
New Signals / Modular Upgrade	600,000	600,000	600,000	600,000	600,000	3,000,000
Utility Undergrounding	300,000	325,000	325,000	350,000	350,000	1,650,000
Street Light Upgrades / New Installation	300,000	300,000	300,000	300,000	300,000	1,500,000
Street Light Pole Structural Replacement	300,000	300,000	300,000	300,000	300,000	1,500,000
Video Traffic Detection			424,319			424,319
Design & Install Fiber Optic Communications					346,469	346,469
Install Wireless Communications & CCTV Monitoring at 26 Locations			312,000			312,000
Purchase and Install MMU Units in all Traffic Cabinets		203,348				203,348
Installation of Pedestrian ITS Devices	25,000	25,000	25,000	25,000	25,000	125,000
First Street Relocation and Alignment Study	100,000					100,000
Total Recommended	\$1,625,000	\$1,753,348	\$2,286,319	\$1,575,000	\$1,921,469	\$9,161,136

CIP Projects by Funding Source - Traffic Signals / Street Lighting Program



Project Description	2008-09 Funded Program					Total 5-Year Program
		2009-10	2010-11	2011-12	2012-13	
<i>Funding Source:</i>						
<i>General Obligation Bonds</i>						
New Signals/Modular Upgrade	600,000	600,000	600,000	600,000	600,000	3,000,000
Utility Undergrounding	300,000	325,000	325,000	350,000	350,000	1,650,000
Street Light Upgrades / New Installation	130,000	300,000	300,000	300,000	300,000	1,330,000
Street Light Pole Structural Replacement	300,000	300,000	300,000	300,000	300,000	1,500,000
Video Traffic Detection			118,751			118,751
Design & Install Fiber Optic Communications					103,941	103,941
Install Wireless Communications & CCTV Monitoring at 26 Locations			93,600			93,600
Purchase and Install MMU Units in all Traffic Cabinets		67,398				67,398
Installation of Pedestrian ITS Devices	25,000	25,000	25,000	25,000	25,000	125,000
Subtotal	1,355,000	1,617,398	1,762,351	1,575,000	1,678,941	7,988,690
<i>Funding Source: Federal Grants</i>						
Video Traffic Detection			305,568			305,568
Design & Install Fiber Optic Communications					242,528	242,528
Install Wireless Communications & CCTV Monitoring at 26 Locations			218,400			218,400
Purchase and Install MMU Units in all Traffic Cabinets		135,950				135,950
Subtotal	0	135,950	523,968	0	242,528	902,446
<i>Funding Source:</i>						
<i>Capital Projects Fund Balance</i>						
Street Light Upgrades/New Installation	170,000					170,000
<i>Funding Source:</i>						
<i>Rio East Land Sale Proceeds</i>						
First Street Relocation and Alignment Feasibility Study	100,000					100,000
Traffic Signals/Street Lighting Program Total	\$1,625,000	\$1,753,348	\$2,286,319	\$1,575,000	\$1,921,469	\$9,161,136

New Signals / Modular Upgrade



Project Description

This project provides for the installation of new traffic signals and the replacement of existing outdated signals as warranted by traffic engineering studies.

Estimated Project Costs

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

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

2008-09 Source of Funds

General Obligation Bonds \$600,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

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	\$12,705
Land Acquisition	\$0
Design Services	\$192,499
Construction Management	\$85,250
Construction	\$0
Permit Fees	\$13,914
Geotech./Material Testing	\$64,185
Utility Relocation	\$0
Utility Undergrounding	\$1,281,447
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$0
Total	\$1,650,000

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

2008-09 Source of Funds

General Obligation Bonds \$300,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$300,000	\$325,000	\$325,000	\$350,000	\$350,000	\$1,650,000

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 luminaires to high pressure luminaires. A typical year's program would include installation of 100 new arterial street lights and 25 mid-block residential lights.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$150,000
Construction Management	\$0
Construction	\$1,313,500
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$25,000
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$0
Other Project Costs	\$11,500
Total	\$1,500,000

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

2008-09 Source of Funds

General Obligation Bonds	\$130,000
Capital Projects Fund Balance	\$170,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Street Light Pole Structural Replacement



Project Description

The project will fund the replacement of all rusted direct buried street light poles to meet current street light pole foundation standards. It is estimated that there may be 3,000 rusted street light poles in the City's inventory which may increase because of corrosion over the next ten years.

Estimated Project Costs

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

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

2008-09 Source of Funds

General Obligation Bonds	\$300,000
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New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Video Traffic Detection



Project Description

This project will utilize video detection and Closed Circuit Television (CCTV) monitoring at arterial traffic signals to obtain real-time, 24 hours per day, 7 days per week turning movement count data. Utilizing the video detection equipment will also assist in better managing arterial operations due to the video that is provided by the video detection device. The City will be able to adjust traffic signal timing through centralized command and control strategies designed to help relieve or minimize congestion.

Estimated Project Costs

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

Project Number: N/A
Estimated Start Date: 07/01/10
Estimated Completion Date: 12/31/10

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$424,319	\$0	\$0	\$424,319

Design and Install Fiber Optic Communications



Project Description

This project provides for the development of a communications strategic plan and installation of fiber optic communications along various City roadway corridors. The fiber optic lines will tie into Arizona Department of Transportation (ADOT) fiber optic infrastructure as the communications media for command and control operations. The City will be able to monitor and adjust traffic signal timing through centralized command and control strategies designed to help both ADOT and other municipal agencies relieve or minimize congestion.

Estimated Project Costs

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

Project Number: N/A
Estimated Start Date: 07/01/07
Estimated Completion Date: 12/31/12

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$0	\$0	\$346,469	\$346,469

Install Wireless Communications and CCTV Monitoring at 26 Locations



Project Description

This project will install wireless communications media for command and control operations and closed circuit television monitoring (CCTV) at traffic signals. Utilizing this city infrastructure will increase communications bandwidth at traffic signals and eliminate the need for existing and new leased telephone service to the intersections.

Estimated Project Costs

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

Project Number: N/A
Estimated Start Date: 07/01/10
Estimated Completion Date: 12/31/10

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$0	\$312,000	\$0	\$0	\$312,000

Purchase and Install MMU Units in all Traffic Cabinets



Project Description

This project will allow Tempe to replace its aging malfunction management unit (MMU) inventory with upgraded MMUs. The upgraded MMUs will provide the City's signal technicians with enhanced diagnostic tools to troubleshoot intersection malfunctions. These enhanced capabilities will facilitate increased intersection reliability and ultimately provide for safer traffic control operations.

Estimated Project Costs

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

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

2008-09 Source of Funds

N/A

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$0	\$203,348	\$0	\$0	\$0	\$203,348

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 devices include, but are not limited to, pedestrian crosswalk 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 personal safety as pedestrians navigate Tempe streets.

Estimated Project Costs

Legal Administration	\$0
Land Acquisition	\$0
Design Services	\$0
Construction Management	\$0
Construction	\$25,000
Permit Fees	\$0
Geotech./Material Testing	\$0
Utility Relocation	\$0
Utility Undergrounding	\$0
Survey Staking	\$0
ITD/Telecommunications	\$0
Furnishings/Equipment	\$100,000
Other Project Costs	\$0
Total	\$125,000

Project Number: 6901279
Estimated Start Date: Ongoing
Estimated Completion Date: Ongoing

2008-09 Source of Funds

General Obligation Bonds \$25,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

First Street Relocation and Alignment Feasibility Study



Project Description

This project will initiate a feasibility analysis and preliminary engineering study to review the realignment of First Street between Farmer Avenue and Ash Avenue. Realignment would provide an alternate route of travel and serve the increased development that is planned for the area.

Estimated Project Costs

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

Project Number: 6909149
Estimated Start Date: 07/01/08
Estimated Completion Date: 06/30/09

2008-09 Source of Funds

Rio East Land Sale Proceeds \$100,000

New Appropriations by Fiscal Year

2008-09	2009-10	2010-11	2011-12	2012-13	Total 5 Year
\$100,000	\$0	\$0	\$0	\$0	\$100,000



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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About the cover:

Illustration by Mike Gushock.

The Metro Light Rail going over the lighted Tempe Town Lake bridge.

