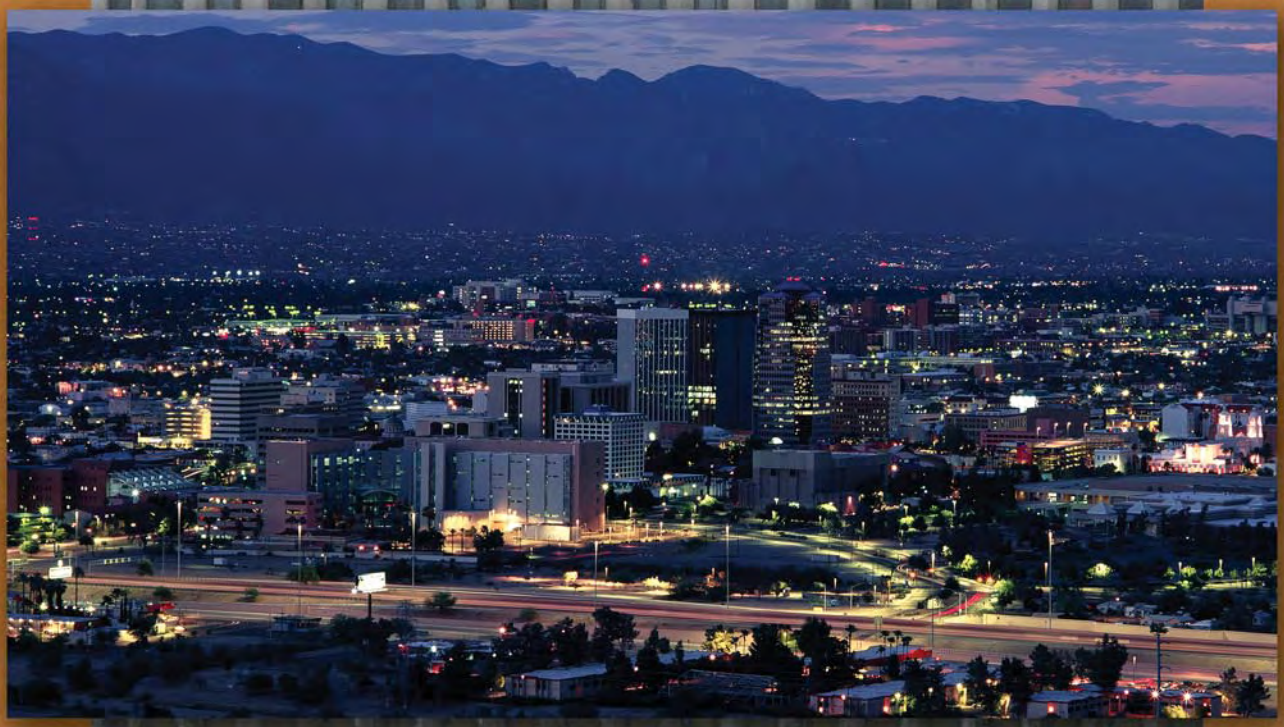
CITY OF TUCSON



Approved Five-Year Capital Improvement Program

Fiscal Years 2010 through 2014

CITY OF TUCSON

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014
Effective July 1, 2009

CITY COUNCIL

HONORABLE
ROBERT E. WALKUP
MAYOR

REGINA ROMERO
WARD 1

RODNEY GLASSMAN
WARD 2

KARIN UHLICH
WARD 3

SHIRLEY C. SCOTT
WARD 4

STEVE LEAL
WARD 5

NINA J. TRASOFF
WARD 6

CITY ADMINISTRATION

MICHAEL D. LETCHER
City Manager

RICHARD MIRANDA
Deputy City Manager

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Reader's Guide to the Capital Improvement Program

The Five-Year Capital Improvement Program (CIP) document includes an overview and individual department programs.

Overview

As the name suggests, the section provides a citywide overview of the CIP. It includes summaries by expenditure and by funding source, as well as brief explanations of both. The narrative is followed by three tables: Summary by Department, Summary by Funding Source, and Operating Cost Impact Summary.

Department Programs

Each department program contains the following:

- Brief department statement
- Impact of the department's CIP on future operating budgets (if applicable)
- Map and Legend (if applicable)
- Summaries by project and funding source
- CIP project pages

Finding a CIP Project

Projects can be located by finding the responsible department in the Table of Contents. Individual projects within each department's program are listed in alphabetical order by project name.

Reading CIP Project Pages

The CIP project pages, located in the department programs, are presented in alphabetical order by project name. The project pages provide the following information:

Description -	Brief explanation of the project scope.
Justification -	Brief explanation of why the project is being done.
Project ID -	Unique number identifying a project in the city's budget and financial systems.
Start Date/End Date -	Month and year of a project's start and completion date. Projects that continue from year-to-year are shown as "Annual."
Location -	Name of the ward in which the project is located. If a project is located in more than one ward, or outside the city, it is so noted. "To be determined" is used if the location for the project has not been finalized. If a project is located within the Rio Nuevo Multipurpose Facilities District, it is noted as follows: (within Rio Nuevo District).
Source of Funds -	Table listing the funding source and the schedule for project expenditures.

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Section A
Overview

OVERVIEW OF FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

It is the practice of the City of Tucson to develop, maintain, and revise when necessary a continuing Capital Improvement Program (CIP). The CIP covers a five-year planning horizon, identifying infrastructure and facility projects that the city will undertake and the funding sources available for projected expenditures.

The objective of this overview is to give the reader a brief look into the CIP. It contains the following financial and narrative information:

- Budget Highlights
- CIP Process
- Summary of Expenditures and Funding
- Department Programs
- Impact on the Operating Budget

BUDGET HIGHLIGHTS

This approved CIP totals over $1.0 billion. Several factors and assumptions that impacted this approved CIP warrant special attention. These are briefly noted in this section; additional information is provided in later sections of the overview.

• **Changes to Fiscal Year 2010.** On April 21, 2009, the Proposed Five-Year Capital Improvement Program was submitted to the Mayor and Council. The recommended budget for Fiscal Year 2010 at that time was $294,530,100. Subsequently, the following changes were made prior to adoption which brought the total to $306,180,100, an increase of $11,650,000.

Changes from the Recommended Fiscal Year 2010 Budget

Department	Change ($000s)	Reason
Transportation	$ 1,800.0	Capacity for Transit Fare increase effective August 2009.
Transportation	$ (150.0)	Impact Fees for El Camino Del Cerro was moved to FY 2011
Transportation	$ 10,000.0	Capacity for Economic Stimulus for the Sun Tran Maintenance Facility
TOTAL	**$ 11,650.0**	

• **Future revenue bond authorizations.** This CIP reflects the need for future bond authorizations. Environmental Services' CIP calls for $5.1 million, Parks and Recreation needs $4.2 million in future bonds for projects beginning in Fiscal Year 2011. Tucson Water's CIP includes $153.6 million in future revenue bonds which includes $48.9 million for projects beginning in Fiscal Year 2011.

• **City projects from the proposed Regional Transportation Authority plan are included in this CIP.** Voters approved this plan on May 16, 2006. This CIP includes $367.7 million for specific projects from the plan.

• **Capacity for Roads and Parks Impact Fee revenues is included.** Following a public hearing in March 2007, the Mayor and Council approved the Impact Fee Projects Plan (IFPP) for the road and parks impact fees. This CIP includes $17.9 million for projects from the IFPP and capacity for future allocations. See Section C for more details.

CAPITAL IMPROVEMENT PLAN PROCESS

Defining a Capital Improvement

To be included in the CIP, projects need to meet one of the following criteria:

- Construction of a new city asset or expansion of an existing city-owned facility, including preliminary planning and surveys, cost of land, staff and contractual services for design and construction, and related furnishings and equipment.
- Initial acquisition of a major equipment system, which will become a city asset, that has a cost of $100,000 or more and a useful life of at least six years.
- Major renovation or rehabilitation of an existing city-owned facility that requires an expenditure of $100,000 or more and will extend the life of the original city asset.

Exceptions have been made for inclusion of a few projects that do not meet the above criteria (Sun Tran buses, and Van Tran paratransit vans) to make them more visible to the public and the governing body.

Steps from Submittal to Approval

In early fall 2008, the CIP process began with the Office of Budget and Internal Audit meeting with CIP department liaisons to review guidelines for the upcoming CIP. Departments were given approximately five weeks to develop their CIP requests based on their assessment of needs, citizen committee input, and existing bond authorizations and grant awards. Departments were directed to include only projects with secured funding. Exceptions were made for annual federal grant appropriations from the Federal Transit Administration, economic stimulus fund capacity, other pending awards that would require budget capacity be available (e.g., any non-federal grant or contribution), and future enterprise revenues bonds. Department requests were reviewed by the Office of Budget and Internal Audit and the City Manager's executive management team.

The proposed CIP was presented to the Mayor and Council on April 21, 2009 along with the recommended Fiscal Year 2010 budget. The first year of the CIP was included as part of the city's recommended budget. The Council reviewed both operating and capital budgets at study sessions in May. Two public hearing were held prior to the adoption of the Fiscal Year 2010 budget in June.

SUMMARY OF EXPENDITURES AND FUNDING

Only funded projects, except as noted earlier, are presented in this five-year CIP. The objective is to clarify for the community what the city can do to meet its needs with the limited funds available.

Expenditures

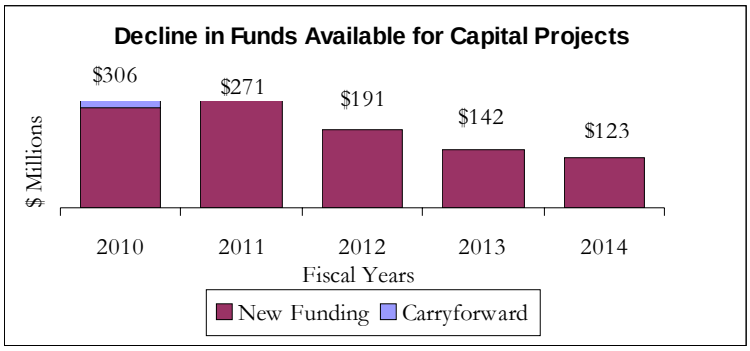
The approved five-year CIP for Fiscal Years 2010 through 2014 totals over $1.0 billion. The majority of the projects are in the Environment and Development service area, which includes Environmental Services, Transportation, and Tucson Water.

Five-Year CIP Summary of Expenditures

(in $000)	Adopted FY 2010	Projected Five-Year Program
Neighborhood Services	$ 50,520.2	$ 111,181.6
Environment and Development	248,994.0	916,232.6
Support Services	6,665.9	6,665.9
Total	$ 306,180.1	$ 1,034,080.1

This five-year CIP is $27.7 million less than the $1.1 billion approved five-year CIP for Fiscal Years 2009 through 2013. The decrease is primarily due to two factors: decrease in Tucson Water Revenue and Operations Fund and the spending down of certificates of participation, which is included in the Capital Improvement Fund.

CIP expenditures decline significantly after Fiscal Year 2010 from $271.4 million to $123.2 million by Fiscal Year 2014.



This funding decline is due to several factors. Fiscal Year 2010 includes $59.4 million carried forward for projects not completed as planned during Fiscal Year 2009. On top of that is $246.7 million in new funding. The CIP presumes that all of the Fiscal Year 2010 budget will be spent in that year. There is a slight increase in new funding between Fiscal Year 2010 and Fiscal Year 2011 which is certificates of participation for the Police Crime Lab. The decline in new funding for the last three fiscal years is primarily due to the spending down of the Environmental Services certification of participation fund.

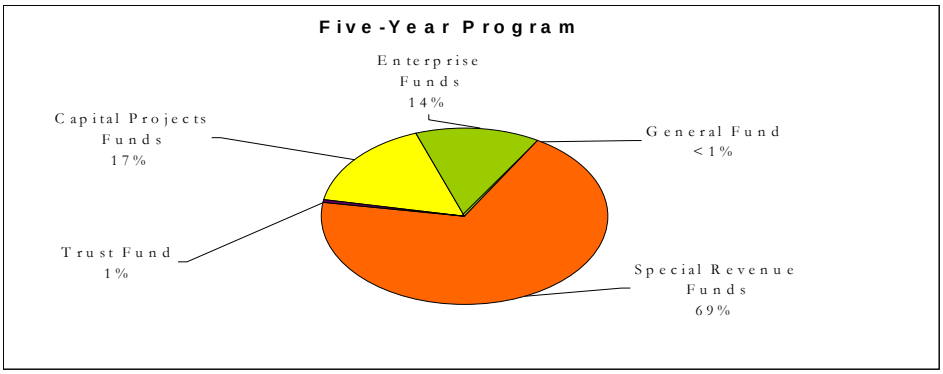
For a summary of expenditures by department and fiscal year, see Table I. Five Year Capital Improvement Program Summary by Department on page A-9.

Funding Sources

This five-year program of over $1.0 billion is funded primarily from Special Revenue Funds, which are predominately Transportation's Regional Transportation Authority Funds.

Five-Year CIP Summary of Funding Sources

(in $000)	Adopted FY 2010	Projected Five-Year Program
Capital Projects funds	$ 10,975.1	$ 174,935.8
Enterprise Funds	59,119.7	145,640.7
General Funds	69.0	265.9
Special Revenue funds	229,350.4	706,571.8
Trust Funds	6,665.9	6,665.9
Total	$ 306,180.1	$ 1,034,080.1



Capital Projects Funds. This category which includes the City bond funds is 17% of the five-year CIP. These funds will provide $174.9 million over the next five years: $2.3 million from the 2000 Environmental Service Bonds, $5.7 million from authorized General Obligation Bonds, $4 million in 2005 Water Revenue Bonds and $162.9 million from a future bond authorization.

Spending against the 2000 General Obligation Bond authorization will continue through Fiscal Year 2011. However, by the end of Fiscal Year 2010, the authorization will be 99% complete. To complete Park's Reid Park Zoo Africa Expansion - Elephant Exhibit project, a future city or county bond authorization is needed.

Enterprise Funds. Enterprise Funds total $145.6 million or 14% of the five-year CIP. Environmental Services accounts for only $26.8 million. Tucson Water accounts for the remaining $118.8 million: $83.2 from user revenues, $35.3 million from Water's Obligation fund, and $0.3 million from a federal grant.

General Fund. This category totals $0.3 million or less that 1% of the five-year CIP. General Fund: Earned Revenue in the amount of $0.2 million in revenues from the Department of Housing and Community Development housing programs that is reinvested back into the program. The remaining $0.1 million in General Fund: Restricted Revenues is in the Parks Department specifically for the A Mountain Improvement project.

Special Revenue Funds. This category total $706.6 million or 69% of the five-year CIP. Included in this category are funding for the Regional Transportation Authority (RTA) plan, federal grants, Pima County Bonds, the city's Highway User Revenue Funds (HURF), regional HURF distributed by the Pima Association of Governments, certificates of participation, impact fees, and other agency and private sector contributions.

RTA funds of $367.7 million account for the largest portion of this category. Next are federal grants of $149.7 million. Pima County bonds will provide $64.4 million. Certificates of participation within the Capital Improvement Fund is $48.3 million. State shared HURF provides another $35.4 million: $13.4 million from the city's HURF allocation and $22 million from regional HURF distributed by PAG. Capacity of $17.9 million was added for road and regional park improvements. Mass Transit Funds total $6.9 million: $5.1 million for the General Fund Subsidy and $1.8 million capacity added for the Transit

Fare increase. The remaining $16.3 million comes from a variety of sources, including the State of Arizona, developers and private sector contributions.

Trust Fund. The Trust Fund category contains capacity added for the Clean Renewable Energy Bond funds, which will be used for the installation of photovoltaic solar panels on seven city-owned facilities.

For more detail on funding sources, see Table II. Five-Year Capital Improvement Program Summary by Funding Source beginning on page A-10.

DEPARTMENT PROGRAMS

Department programs are briefly presented in this section. Departments are listed alphabetically within their budget reporting categories, also known as service areas: Neighborhood Services, Environment and Development, and Support Services.

Neighborhood Services

The Neighborhood Services category, which accounts for 11% of the total five-year CIP, contains projects managed by Housing and Community Development, Fire, Parks and Recreation, and Police.

Housing and Community Development. This department's five-year program of $19.8 million consists of two projects: construction of public housing resident amenities at the new Martin Luther King, Jr. apartment building and construction of Back to Basic projects. Funding is provided by city's Highway User Revenue Funds (HURF), federal HOPE VI funds, other federal grants, and Pima County bonds.

Fire. Fire's five-year program of $9.4 million contains two projects: a new central headquarters and fire station in downtown, and land acquisition for future fire stations. The Capital Improvement Fund, which is certificates of participation, general obligation bonds, and capacity for possible economic stimulus grants will fund these projects.

Parks and Recreation. Parks five-year CIP of $46.1 million contains 42 projects. These projects are funded primarily from city bonds of $2.3 million and county bonds of $29.5 million. Either a new city or county bond authorization is needed for $4.2 million. Funding from the Capital Improvement Fund, which is certificates of participation, is $4.4 million, and RTA (Regional Transportation Authority) funds provide $0.5 million. Revenue from impact fees, restricted General Fund revenues, federal grants, non-federal grants, and contributions provide for the remaining $5.2 million. These funds provide for a wide range of projects: improvements at regional parks, expansion of recreation centers, amenities at neighborhood parks, and zoo improvements.

Police. The Police Department's five-year program of $35.8 million is for one project, which is the Crime Lab. This project is funded with certificates of participation in the Capital Improvement Fund.

Environment and Development

The Environment and Development category, which accounts for 88% of the total five-year CIP, contains projects managed by Environmental Services, Transportation, and Tucson Water.

Environmental Services. The department's five-year program of 14 projects totals $34.2 million. Environmental Services' CIP is funded from Environmental Service bonds of $2.3 million, $2.8 million from Environmental Service revenues, $24 million from certificates of participation and $5.1 million from a future bond authorization. Projects that are funded with these future bond authorizations do not begin until fiscal year 2011.

Transportation. The five-year Transportation program of $605.5 million includes five program areas: Drainage for $2.6 million, Public Transit for $218.5 million, Street Lighting for $0.7 million, Streets for $375.2 million, and Traffic Signals for $8.5 million. Because there are insufficient funds to meet all of Transportation's needs, this CIP allocates available funding to the highest priority projects.

The largest funding source for Transportation's projects is the funding for the RTA plan which totals $367.2 million. Federal funding provides another significant portion totaling $138.3 million: $81.2 million for transit projects and $57.1 million for street projects. Other major funding sources are Pima County bond funds of $33.7 million, city bond funds of $3.0 million, regional Highway User Revenue Funds (HURF) of $21.9 million, city HURF of $3.7 million, and impact fee revenues of $14.5 million. Non-Federal grants, state funds, and other contributions provide $16.2 million. The remaining $6.9 million is from the General Fund Subsidy for Mass Transit, which is used as the local match for federal transit grants, and Mass Transit User Fees and Charges which is capacity for the Transit Fare increase.

Tucson Water. The five-year Tucson Water CIP of $276.4 million includes $258.7 million of improvements to the potable water system and $17.7 million of improvements for the reclaimed water system. Tucson Water's CIP is funded with future water revenue bond authorization of $153.6 million, operation funds of $83.2 million, 2009 Revenue Obligation funds of $35.3 million, 2005 revenue bonds of $4 million, and a federal grant for $0.3 million. Tucson Water plans to go to the voters in November 2009 for a new bond authorization.

Support Services

The Support Services category, which accounts for 1% of the total five-year CIP, contains a capital project managed by General Services.

General Services. There is one project in the department's five-year CIP of $6.7 million: Clean Renewable Energy Bond (CREB) project, which will install photovoltaic solar panels on seven city-owned facilities.

For more project detail, see Section B, Department Programs.

IMPACT ON THE OPERATING BUDGET

The completion of many projects is the beginning of recurring costs for the operating budget. Operating and maintenance (O&M) impacts from projects in this five-year CIP total $4.0 million for Fiscal Year 2010, increasing to $12.6 million for Fiscal Year 2011, and to $26.0 million by Fiscal Year 2014.

Operating and Maintenance Impacts

	FY 2010	
(in $000)	**Amount**	**FTEs**
General Fund	$ 977.1	11
Special Revenue Funds	3,019.8	-0-
Total	$ 3,996.9	11

The O&M impacts in Fiscal Year 2010 are for the staffing and opening of new or expanded facilities, sport fields, and expansion buses. The impacts paid from General Fund come primarily from the O&M required for the Udall Park's Sport Fields. The impacts paid from the Special Revenue category, which is primarily Regional Transportation Authority contributions, are mainly for maintenance of the new Sun Tran Maintenance Facility and the operation of expansion buses and vans.

For a summary of O&M impacts by department and funding source over the next five years, see Table III, Five-Year Capital Improvement Program Summary of CIP Impact on the Operating Budget, on page A-12.

SUMMARY TABLES

Table I, Five-Year Capital Improvement Program Summary by Department (page A-9)

Table II, Five-Year Capital Improvement Program Summary by Funding Source (page A-10).

Table III, Five-Year Capital Improvement Program, Summary of CIP Impact on the Operating Budget (page A-12).

Table IV, Listing of Projects with Pima County Funding (page A-13).

Table I
Five-Year Capital Improvement Program
Summary by Department

($000)

Service Area/Department	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Neighborhood Services											
Housing and Community Development	352.9	5,553.4	814.3	**6,367.7**	5,067.5	2,780.4	2,780.4	2,780.4	**19,776.4**	-	20,129.3
Fire	30,854.4	6,239.1	3,177.7	**9,416.8**	-	-	-	-	**9,416.8**	-	40,271.2
Parks and Recreation	11,054.9	5,481.7	15,415.3	**20,897.0**	18,996.6	3,256.1	1,500.0	1,500.0	**46,149.7**	-	57,204.6
Police	3,161.3	10,218.1	3,620.6	**13,838.7**	15,000.0	7,000.0	-	-	**35,838.7**	-	39,000.0
	45,423.5	**27,492.3**	**23,027.9**	**50,520.2**	**39,064.1**	**13,036.5**	**4,280.4**	**4,280.4**	**111,181.6**	**-**	**156,605.1**
Environment and Development											
Environmental Services	7,944.5	3,440.6	9,900.0	**13,340.6**	13,465.0	3,280.0	2,070.0	2,100.0	**34,255.6**	-	42,200.1
Transportation	117,695.4	20,181.3	163,350.1	**183,531.4**	156,476.4	116,250.4	84,538.0	64,755.8	**605,552.0**	330,579.0	1,053,826.4
Tucson Water	19,021.4	6,134.0	45,988.0	**52,122.0**	62,422.0	58,330.0	51,445.0	52,106.0	**276,425.0**	305,965.0	601,411.4
	144,661.3	**29,755.9**	**219,238.1**	**248,994.0**	**232,363.4**	**177,860.4**	**138,053.0**	**118,961.8**	**916,232.6**	**636,544.0**	**1,697,437.9**
Support Services											
General Services	830.0	2,190.0	4,475.9	**6,665.9**	-	-	-	-	**6,665.9**	-	7,495.9
	830.0	**2,190.0**	**4,475.9**	**6,665.9**	**-**	**-**	**-**	**-**	**6,665.9**	**-**	**7,495.9**
Total	**190,914.8**	**59,438.2**	**246,741.9**	**306,180.1**	**271,427.5**	**190,896.9**	**142,333.4**	**123,242.2**	**1,034,080.1**	**636,544.0**	**1,861,538.9**

Table II
Five-Year Capital Improvement Program
Summary by Funding Source

($000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Capital Project Funds											
2000 Environmental Service Bonds	2,030.4	2,342.9	-	**2,342.9**	-	-	-	-	**2,342.9**	-	4,373.3
2000 General Obligation Bond Funds	4,989.2	1,566.7	2,411.1	**3,977.8**	1,065.3	-	-	-	**5,043.1**	-	10,032.3
2000 General Obligation Bond Funds: Interest	-	239.1	415.3	**654.4**	-	-	-	-	**654.4**	-	654.4
2005 Water Revenue Bond Funds	5,975.1	-	4,000.0	**4,000.0**	-	-	-	-	**4,000.0**	-	9,975.1
Future Bond Issuances	-	-	-	**-**	5,848.4	1,380.0	950.0	1,100.0	**9,278.4**	-	9,278.4
Future Water Revenue Bonds	-	-	-	**-**	48,867.0	41,598.0	32,059.0	31,093.0	**153,617.0**	236,262.0	389,879.0
	20,794.0	**4,148.7**	**6,826.4**	**10,975.1**	**55,780.7**	**42,978.0**	**33,009.0**	**32,193.0**	**174,935.8**	**236,262.0**	**431,991.8**
Enterprise Funds											
2009 Water Revenue Obligation Fund	6,579.0	6,134.0	29,147.0	**35,281.0**	-	-	-	-	**35,281.0**	-	41,860.0
Environmental Services Fund	963.8	820.0	950.0	**1,770.0**	735.0	300.0	-	-	**2,805.0**	-	3,768.8
Environmental Services Fund: COPs	1,395.9	277.7	8,950.0	**9,227.7**	11,080.0	1,600.0	1,120.0	1,000.0	**24,027.7**	-	25,423.6
Tucson Water Fund: Federal Grants	250.0	-	293.0	**293.0**	-	-	-	-	**293.0**	-	543.0
Tucson Water Revenue and Operations Fund	2,533.8	-	12,548.0	**12,548.0**	13,555.0	16,732.0	19,386.0	21,013.0	**83,234.0**	69,703.0	155,470.8
	13,700.0	**7,231.7**	**51,888.0**	**59,119.7**	**25,370.0**	**18,632.0**	**20,506.0**	**22,013.0**	**145,640.7**	**69,703.0**	**229,043.7**
General Fund											
General Fund: Earned Revenue	-	-	-	**-**	196.9	-	-	-	**196.9**	-	196.9
General Fund: Restricted Revenues	484.0	22.9	46.1	**69.0**	-	-	-	-	**69.0**	-	553.0
	2,691.5	**22.9**	**46.1**	**69.0**	**196.9**	**-**	**-**	**-**	**265.9**	**-**	**2,957.4**

Table II
Five-Year Capital Improvement Program
Summary by Funding Source

($000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Special Revenue Funds											
Capital Agreement Fund: PAG	47,143.9	100.0	3,892.3	**3,992.3**	2,465.0	8,100.0	4,900.0	2,500.0	**21,957.3**	6,920.2	76,021.4
Capital Agreement Fund: Pima County Bonds	7,415.5	1,980.8	15,920.7	**17,901.5**	15,324.2	12,467.5	9,500.0	9,158.8	**64,352.0**	-	71,767.5
Capital Improvement Fund	33,117.2	16,505.7	5,617.0	**22,122.7**	19,150.0	7,000.0	-	-	**48,272.7**	-	81,389.9
Civic Contributions Fund	60.0	-	43.5	**43.5**	-	-	-	-	**43.5**	-	103.5
Community Development Block Grant Fund	-	1,900.0	1,798.0	**3,698.0**	1,185.0	1,080.4	1,080.4	1,080.4	**8,124.2**	-	8,124.2
Economic Stimulus Funds	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	1,000.0
Federal Highway Administration Grants	15,378.8	2,371.0	5,179.2	**7,550.2**	18,696.0	6,025.0	18,275.0	6,525.0	**57,071.2**	-	72,450.0
HOPE VI - Martin Luther King Revitalization	233.9	723.4	18.8	**742.2**	1,627.4	-	-	-	**2,369.6**	-	2,603.5
Highway User Revenue Fund	3,056.3	2,999.1	405.0	**3,404.1**	2,574.5	2,314.0	2,565.0	2,565.0	**13,422.6**	-	16,478.9
Highway User Revenue Fund: Contributions	-	-	200.0	**200.0**	200.0	200.0	200.0	200.0	**1,000.0**	-	1,000.0
Highway User Revenue Fund: In-Lieu Fees	488.0	-	1,000.0	**1,000.0**	1,000.0	1,000.0	1,000.0	1,000.0	**5,000.0**	-	5,488.0
Mass Transit Fund: Federal Grants	2,127.3	3,262.5	29,711.8	**32,974.3**	18,380.4	11,108.7	10,749.7	7,971.2	**81,184.3**	-	83,311.6
Mass Transit Fund: General Fund Subsidy	35.3	-	765.4	**765.4**	1,321.8	758.8	1,249.4	1,037.8	**5,133.2**	-	5,168.5
Mass Transit Fund: User Fees and Charges	-	-	1,800.0	**1,800.0**	-	-	-	-	**1,800.0**	-	1,800.0
Regional Transportation Authority Fund	37,806.8	10,605.7	106,845.0	**117,450.7**	98,102.4	75,891.9	39,298.9	36,998.0	**367,741.9**	323,658.8	729,207.5
Road & Park Impact Fee Fund: Central District	344.0	270.6	259.7	**530.3**	3,150.0	-	-	-	**3,680.3**	-	4,024.3
Road & Park Impact Fee Fund: East District	501.7	949.8	2,789.6	**3,739.4**	2,563.8	3,340.6	-	-	**9,643.8**	-	10,145.5
Road & Park Impact Fee Fund: Southeast District	794.8	430.3	325.4	**755.7**	-	-	-	-	**755.7**	-	1,550.5
Road & Park Impact Fee Fund: Southlands District	259.1	412.3	180.1	**592.4**	565.0	-	-	-	**1,157.4**	-	1,416.5
Road & Park Impact Fee Fund: West District	692.5	1,433.7	954.0	**2,387.7**	236.0	-	-	-	**2,623.7**	-	3,316.2
State Infrastructure Bank Federal Pass-Through	3,161.6	1,900.0	4,800.0	**6,700.0**	3,538.4	-	-	-	**10,238.4**	-	13,400.0
	152,899.3	**45,844.9**	**183,505.5**	**229,350.4**	**190,079.9**	**129,286.9**	**88,818.4**	**69,036.2**	**706,571.8**	**330,579.0**	**1,190,050.1**
Trust Fund											
Clean Renewable Energy Bond Fund	830.0	2,190.0	4,475.9	**6,665.9**	-	-	-	-	**6,665.9**	-	7,495.9
	830.0	**2,190.0**	**4,475.9**	**6,665.9**	**-**	**-**	**-**	**-**	**6,665.9**	**-**	**7,495.9**
Total	**190,914.8**	**59,438.2**	**246,741.9**	**306,180.1**	**271,427.5**	**190,896.9**	**142,333.4**	**123,242.2**	**1,034,080.1**	**636,544.0**	**1,861,538.9**

Table III
Five-Year Capital Improvement Program
Summary of CIP Impact on the Operating Budget
($000)

Service Area/Department	Year 1 FY 2010	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total
Neighborhood Services						
Fire	260.1	286.0	314.7	346.1	380.7	**1,587.6**
Parks and Recreation	717.0	1,877.7	3,080.1	2,797.6	2,881.6	**11,354.1**
Police	-	-	150.0	156.0	162.2	**468.2**
	977.1	**2,163.7**	**3,544.8**	**3,299.7**	**3,424.5**	**13,409.9**
Environment and Development						
Environmental Services	-	60.0	260.0	260.0	380.0	**960.0**
Transportation	3,019.8	10,411.6	11,507.3	21,112.4	22,227.7	**68,278.8**
	3,019.8	**10,471.6**	**11,767.3**	**21,372.4**	**22,607.7**	**69,238.8**
Total	**3,996.9**	**12,635.3**	**15,312.1**	**24,672.1**	**26,032.2**	**82,648.7**

Source of Funds Summary						
Enterprise Funds						
Environmental Services Fund	-	60.0	260.0	260.0	380.0	**960.0**
	-	**60.0**	**260.0**	**260.0**	**380.0**	**960.0**
General Fund						
General Fund	977.1	2,163.7	3,544.8	3,299.7	3,424.5	**13,409.9**
	977.1	**2,163.7**	**3,544.8**	**3,299.7**	**3,424.5**	**13,409.9**
Special Revenue Funds						
Highway User Revenue Fund	40.0	181.0	700.0	820.0	820.0	**2,561.0**
Mass Transit Fund: General Fund Subsidy	303.3	304.3	343.5	383.8	425.3	**1,760.2**
Mass Transit Fund: RTA Contribution	2,676.5	7,302.3	7,709.8	17,054.6	18,028.4	**52,771.6**
Regional Transportation Authority Fund	-	2,624.0	2,754.0	2,854.0	2,954.0	**11,186.0**
	3,019.8	**10,411.6**	**11,507.3**	**21,112.4**	**22,227.7**	**68,278.8**
Total	**3,996.9**	**12,635.3**	**15,312.1**	**24,672.1**	**26,032.2**	**82,648.7**

Table IV
Five-Year Capital Improvement Program
Projects with Pima County Funding

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Housing and Community											
Martin Luther King Public Housing Amenities											
Capital Agreement Fund: Pima County Bonds	119.0	-	795.5	**795.5**	358.2	-	-	-	**1,153.7**	-	1,272.7
Parks and Recreation											
Arroyo Chico Urban Path: Campbell/Parkway											
Capital Agreement Fund: Pima County Bonds	250.0	40.0	460.0	**500.0**	225.0	-	-	-	**725.0**	-	975.0
Atterbury Wash Sanctuary Expansion											
Capital Agreement Fund: Pima County Bonds	375.0	140.0	496.0	**636.0**	159.0	-	-	-	**795.0**	-	1,170.0
Catalina Park Integrated Play Area											
Capital Agreement Fund: Pima County Bonds	100.0	-	376.2	**376.2**	-	-	-	-	**376.2**	-	476.2
Grijalva School Park											
Capital Agreement Fund: Pima County Bonds	75.8	74.2	-	**74.2**	-	-	-	-	**74.2**	-	150.0
Herrera Quiroz (Oury) Park											
Capital Agreement Fund: Pima County Bonds	350.0	45.0	-	**45.0**	-	-	-	-	**45.0**	-	395.0
Julian Wash Linear Park											
Capital Agreement Fund: Pima County Bonds	1,880.0	669.0	1,058.5	**1,727.5**	-	-	-	-	**1,727.5**	-	3,607.5
Lincoln Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	309.2	310.0	2,293.3	**2,603.3**	500.0	-	-	-	**3,103.3**	-	3,412.5
Menlo Park Elementary Soccer Improvements											
Capital Agreement Fund: Pima County Bonds	-	-	828.7	**828.7**	-	-	-	-	**828.7**	-	828.7
Menlo Park Improvements											
Capital Agreement Fund: Pima County Bonds	-	-	304.0	**304.0**	-	-	-	-	**304.0**	-	304.0
Northside Recreation Center											
Capital Agreement Fund: Pima County Bonds	273.0	353.6	46.4	**400.0**	4,589.5	100.0	-	-	**5,089.5**	-	5,362.5
Pima County Bond Project Capacity											
Capital Agreement Fund: Pima County Bonds	-	-	1,500.0	**1,500.0**	1,500.0	1,500.0	1,500.0	1,500.0	**7,500.0**	-	7,500.0

Table IV
Five-Year Capital Improvement Program
Projects with Pima County Funding

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Parks and Recreation											
Rio Vista Park Expansion											
Capital Agreement Fund: Pima County Bonds	1,262.5	200.0	-	**200.0**	-	-	-	-	**200.0**	-	1,462.5
Southeast Community Park											
Capital Agreement Fund: Pima County Bonds	7.7	-	2,231.0	**2,231.0**	1,955.2	1,656.1	-	-	**5,842.3**	-	5,850.0
Toumey Park											
Capital Agreement Fund: Pima County Bonds	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	212.0
Udall Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	114.8	149.0	2,171.4	**2,320.4**	-	-	-	-	**2,320.4**	-	2,435.2
Verdugo Park (Barrio Kroeger Lane)											
Capital Agreement Fund: Pima County Bonds	-	-	120.0	**120.0**	-	-	-	-	**120.0**	-	120.0
Wakefield/St. John's Skate Facility											
Capital Agreement Fund: Pima County Bonds	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	212.0
Transportation											
Broadway: Euclid to Campbell											
Capital Agreement Fund: Pima County Bonds	1,341.2	-	-	**-**	-	8,000.0	8,000.0	7,658.8	**23,658.8**	-	25,000.0
Cambio Grande Street Revitalization											
Capital Agreement Fund: Pima County Bonds	-	-	497.1	**497.1**	-	-	-	-	**497.1**	-	497.1
Kino Parkway Overpass at 22nd Street											
Capital Agreement Fund: Pima County Bonds	751.3	-	2,000.0	**2,000.0**	6,037.3	1,211.4	-	-	**9,248.7**	-	10,000.0
Palo Verde Neighborhood Street Lighting											
Capital Agreement Fund: Pima County Bonds	-	-	318.6	**318.6**	-	-	-	-	**318.6**	-	318.6
Total	**7,415.5**	**1,980.8**	**15,920.7**	**17,901.5**	**15,324.2**	**12,467.5**	**9,500.0**	**9,158.8**	**64,352.0**	**-**	**71,767.5**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Section B
Department Programs

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Environmental Services

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: Environmental Services **Five-Year Total:** $ 34,255,600

The Environmental Services Capital Improvement Program (CIP) consists of projects that fulfill the city's need to safeguard the community from environmental impacts, create future landfill capacity, and comply with environmental protection regulations. These projects directly reflect the city's efforts to enhance neighborhoods and downtown by restoring the natural environment and removing environmental barriers to redevelopment.

The five-year program of $34.2 million is funded with $2.3 million from the 2000 bond authorization, $2.8 million in Environmental Services funds, $24.0 million from certificates of participation, and $5.1 million from a possible future authorization of bonds.

This Environmental Services CIP is divided into four project categories.

Facilities. Projects in this category total $21.1 million and include improvements at the Los Reales Landfill for efficiencies and to support beneficial end uses for closed landfills.

Landfill Closure. Projects in this category total $7.4 million and include the closure of the Irvington and Tumamoc Landfills (both closed landfills) and closure-related improvements for the Los Reales Landfill (the city's only active landfill).

Landfill Construction. Projects in this category total $4.2 million for improvements to the Los Reales Landfill, including buffer and drainage improvements and the construction of new lined cells. Improving the Los Reales landfill represents millions of dollars in cost savings through lower transportation costs and cost avoidance of a new landfill. The Los Reales Landfill master plan calls for lined cells, recycling facilities, and drainage improvements to extend the life of the landfill through at least 2060.

Remediations. Projects in this category total $1.5 million and include the assessment and remediation of soil and groundwater contamination at city-owned and/or operated landfill sites.

This five-year CIP has a projected impact on the operating budget of $60,000 in Fiscal Year 2011 increasing to $380,000 by Fiscal Year 2014. See the following page for the operating budget impact by project and funding source.

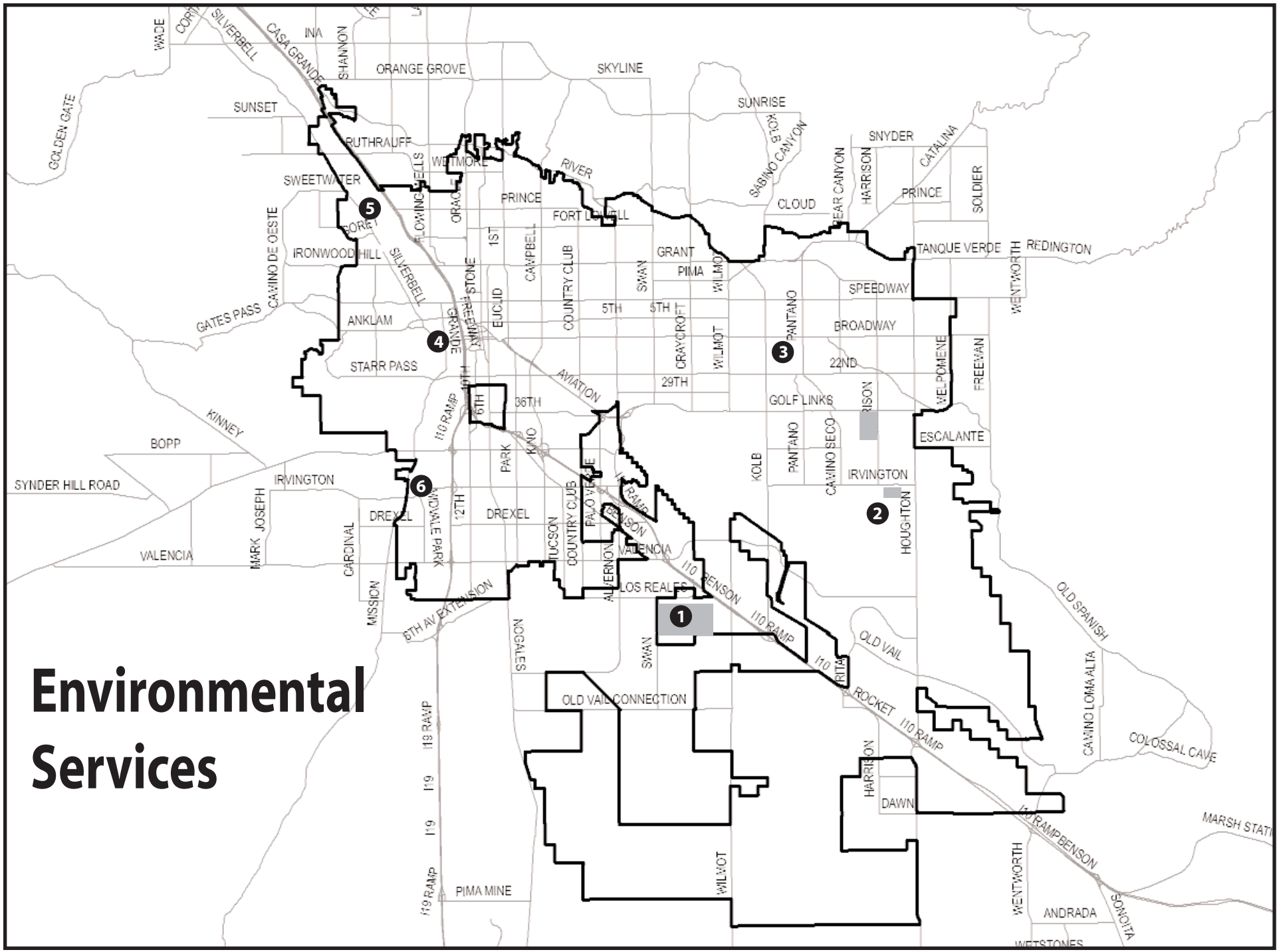
Environmental Services: CIP Impact on the Operating Budget

When the following projects in this CIP are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

($000)

Project Name	Year 1 FY 2010	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total
Irvington Landfill Closure	-	60.0	80.0	80.0	80.0	**300.0**
Silverbell Jail Annex Landfill Remediation	-	-	180.0	180.0	180.0	**540.0**
Tumamoc Landfill Closure	-	-	-	-	120.0	**120.0**
Total	**-**	**60.0**	**260.0**	**260.0**	**380.0**	**960.0**

Source of Funds Summary						
Environmental Services Fund	-	60.0	260.0	260.0	380.0	**960.0**
Total	**-**	**60.0**	**260.0**	**260.0**	**380.0**	**960.0**


Environmental Services
1
2
3
4
5
6
WADE
SILVERBELL
CASA GRANDE
INA
SHANNON
ORANGE GROVE
SKYLINE
SUNSET
SUNRISE
GOLDEN GATE
RUTHRAUFF
SNYDER
CATALINA
SWEETWATER
WETMORE
RIVER
SABINO CANYON
KOLB
PRINCE
CLOUD
BEAR CANYON
HARRISON
SOLDIER
FORT LOWELL
IRONWOOD HILL
CAMINO DE OESTE
FLOWING WELLS
ORACLE
1ST
CAMPBELL
COUNTRY CLUB
SWAN
GRANT
PIMA
WILMOT
TANQUE VERDE
REDINGTON
WENTWORTH
SPEEDWAY
GATES PASS
ANKLAM
STONE
FREEMAN
EUCLID
5TH
CRAYCROFT
PANTANO
BROADWAY
STARR PASS
22ND
29TH
AVIATION
GOLF LINKS
WELPOMENE
FREEMAN
KINNEY
36TH
I10 RAMP
BOPP
PARK
KINO
ESCALANTE
CAMINO SECO
IRVINGTON
SYNDER HILL ROAD
JOSEPH
DREXEL
12TH
TUCSON
PALO VERDE
BENSON
VALENCIA
HOUGHTON
VALENCIA
MARK
CARDINAL
MIDVALE PARK
ALVERNON
LOS REALES
I10 BENSON
I10 RAMP
OLD SPANISH
MISSION
6TH AV EXTENSION
SAHUARITA
OLD VAIL
ROCKET
CAMINO LOMA ALTA
COLOSSAL CAVE
OLD VAIL CONNECTION
I19 RAMP
I19
HARRISON
DAWN
MARSH STATION
I10 RAMP BENSON
WENTWORTH
ANDRADA
SONOITA
PIMA MINE
WILMOT

Map Legend

Environmental Services

Project Name	Year to be Completed
Environmental Services Facilities	
1 - Los Reales 80-Acre Facilities Construction	FY 2011
1 - Los Reales Infrastructure Plan	FY 2010
1 - Household Hazardous Waste Processing Facility	FY 2012
2 - Landfill End-Use: Irvington	FY 2014
3 - Landfill End-Use: Pantano Wash	FY 2014
6 - Landfill End-Use: Santa Cruz	FY 2014
Landfill Closure	
1 - Los Reales Landfill Final Closure - Cell 3	FY 2014
1 - Los Reales Landfill Westside Closure	FY 2011
1 - Los Reales Landfill Intermediate Closure	FY 2012
2 - Irvington Landfill Closure	FY 2010
4 - Tumamoc Landfill Closure	FY 2014

Project Name	Year to be Completed
Landfill Construction	
1 - Los Reales Landfill Buffer Improvements	FY 2014
1 - Los Reales Landfill Lined Cell 4	FY 2014
Environmental Remediations	
5 - Silverbell Jail Annex Landfill Remediation	FY 2011

Environmental Services

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Environmental Services - Facilities	1,240.1	277.7	8,000.0	**8,277.7**	10,100.0	1,880.0	450.0	400.0	**21,107.7**	-	**22,347.8**
Environmental Services - Landfill Closure	2,947.8	3,162.9	100.0	**3,262.9**	1,735.0	1,300.0	500.0	600.0	**7,397.9**	-	**10,345.7**
Environmental Services - Landfill Construction	200.0	-	950.0	**950.0**	980.0	100.0	1,120.0	1,100.0	**4,250.0**	-	**4,450.0**
Environmental Services - Remediations	3,556.6	-	850.0	**850.0**	650.0	-	-	-	**1,500.0**	-	**5,056.6**
Department Total	**7,944.5**	**3,440.6**	**9,900.0**	**13,340.6**	**13,465.0**	**3,280.0**	**2,070.0**	**2,100.0**	**34,255.6**	**-**	**42,200.1**

Source of Funds Summary											
1994 General Obligation Bond Funds	2,781.1	-	-	**-**	-	-	-	-	**-**	-	2,781.1
1994 General Obligation Bond Funds: Interest	46.9	-	-	**-**	-	-	-	-	**-**	-	46.9
2000 Environmental Service Bonds	2,030.4	2,342.9	-	**2,342.9**	-	-	-	-	**2,342.9**	-	4,373.3
2000 General Obligation Bond Funds	726.4	-	-	**-**	-	-	-	-	**-**	-	726.4
Environmental Services Fund	963.8	820.0	950.0	**1,770.0**	735.0	300.0	-	-	**2,805.0**	-	3,768.8
Environmental Services Fund: COPs	1,395.9	277.7	8,950.0	**9,227.7**	11,080.0	1,600.0	1,120.0	1,000.0	**24,027.7**	-	25,423.6
Future Bond Issuances	-	-	-	**-**	1,650.0	1,380.0	950.0	1,100.0	**5,080.0**	-	5,080.0
Department Total	**7,944.5**	**3,440.6**	**9,900.0**	**13,340.6**	**13,465.0**	**3,280.0**	**2,070.0**	**2,100.0**	**34,255.6**	**-**	**42,200.1**

Environmental Services - Facilities

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Household Hazardous Waste Processing Facility											
Environmental Services Fund: COPs	-	-	-	**-**	100.0	1,500.0	-	-	**1,600.0**	-	1,600.0
	-	**-**	**-**	**-**	**100.0**	**1,500.0**	**-**	**-**	**1,600.0**	**-**	**1,600.0**
Landfill End-Use: Irvington											
Future Bond Issuances	-	-	-	**-**	-	150.0	150.0	100.0	**400.0**	-	400.0
	-	**-**	**-**	**-**	**-**	**150.0**	**150.0**	**100.0**	**400.0**	**-**	**400.0**
Landfill End-Use: Pantano Wash											
Future Bond Issuances	-	-	-	**-**	-	150.0	100.0	100.0	**350.0**	-	350.0
	-	**-**	**-**	**-**	**-**	**150.0**	**100.0**	**100.0**	**350.0**	**-**	**350.0**
Landfill End-Use: Santa Cruz											
Future Bond Issuances	-	-	-	**-**	-	80.0	200.0	200.0	**480.0**	-	480.0
	-	**-**	**-**	**-**	**-**	**80.0**	**200.0**	**200.0**	**480.0**	**-**	**480.0**
Los Reales 80-Acre Facilities Construction											
Environmental Services Fund: COPs	-	-	8,000.0	**8,000.0**	10,000.0	-	-	-	**18,000.0**	-	18,000.0
	-	**-**	**8,000.0**	**8,000.0**	**10,000.0**	**-**	**-**	**-**	**18,000.0**	**-**	**18,000.0**
Los Reales Infrastructure Plan											
Environmental Services Fund	44.2	-	-	**-**	-	-	-	-	**-**	-	44.2
Environmental Services Fund: COPs	1,195.9	277.7	-	**277.7**	-	-	-	-	**277.7**	-	1,473.6
	1,240.1	**277.7**	**-**	**277.7**	**-**	**-**	**-**	**-**	**277.7**	**-**	**1,517.8**
Program Area Total	**1,240.1**	**277.7**	**8,000.0**	**8,277.7**	**10,100.0**	**1,880.0**	**450.0**	**400.0**	**21,107.7**	**-**	**22,347.8**

Source of Funds Summary											
Environmental Services Fund	44.2	-	-	**-**	-	-	-	-	**-**	-	44.2
Environmental Services Fund: COPs	1,195.9	277.7	8,000.0	**8,277.7**	10,100.0	1,500.0	-	-	**19,877.7**	-	21,073.6
Future Bond Issuances	-	-	-	**-**	-	380.0	450.0	400.0	**1,230.0**	-	1,230.0
Program Area Total	**1,240.1**	**277.7**	**8,000.0**	**8,277.7**	**10,100.0**	**1,880.0**	**450.0**	**400.0**	**21,107.7**	**-**	**22,347.8**

Environmental Services - Facilities

($000)

Household Hazardous Waste Processing Facility

Project ID: Q382
Start Date: 7/10
End Date: 6/12
Location: Ward 5

Description:
Design and construct an HHW (household hazardous waste) processing facility adjacent to the HHW collection site at the Los Reales landfill. This facility will serve the eastside Tucson community and allow for bulking and processing of HHW materials prior to their shipment to recycling sites.

Justification:
As the City of Tucson grows and additional HHW materials are collected, eg., computers, televisions, and CFL's (compact flourescent lightbulbs), the existing westside HHW facility at Prince Road and Interstate 10 will not be able to handle the management of all HHW materials. This project will also prolong the life of the city's only operating landfill and it will likely be jointly funded with Pima County.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Environmental Services Fund: COPs	-	-	-	**-**	100.0	1,500.0	-	-	**1,600.0**	-	**1,600.0**
Total	-	-	-	**-**	100.0	1,500.0	-	-	**1,600.0**	-	**1,600.0**

Landfill End-Use: Irvington

Project ID: Q407
Start Date: 7/11
End Date: 6/14
Location: Ward 4

Description:
Design and construct a potable water system for park use and a reclaimed water irrigation system to revegetate closed landfill. This infrastructure, in conjunction with the Irvington Landfill closure project, will complete this landfill's closure. This project is contingent upon the availability of future funding sources.

Justification:
The approved Irvington Landfill Master Plan includes construction of a park upon closure of the landfill which would be constructed by the Parks and Recreation Department.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Bond Issuances	-	-	-	**-**	-	150.0	150.0	100.0	**400.0**	-	**400.0**
Total	-	-	-	**-**	-	150.0	150.0	100.0	**400.0**	-	**400.0**

Environmental Services - Facilities

($000)

Landfill End-Use: Pantano Wash

Project ID: Q411
Start Date: 7/11
End Date: 6/14
Location: Ward 4

Description:
Design an end-use for 15 acres of closed landfills along the Pantano Wash by conducting a feasibility study of potential development and revenue opportunities, such as alternative energy (solar power) or recreation facilities. This project is contingent upon the availability of future funding sources.

Justification:
Convert unused closed landfills to an amenity for the public and/or possible revenue stream to the City.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Bond Issuances	-	-	-	**-**	-	150.0	100.0	100.0	**350.0**	-	**350.0**
Total	-	-	-	**-**	-	150.0	100.0	100.0	**350.0**	-	**350.0**

Landfill End-Use: Santa Cruz

Project ID: Q412
Start Date: 7/11
End Date: 6/14
Location: Ward 1

Description:
Design an end-use for 18 acres of closed landfills along the Santa Cruz River by conducting a feasibility study to explore potential development and revenue opportunities, such as alternative energy (solar power) or recreational facilities. This project is contingent upon the availability of future funding sources.

Justification:
Convert unused closed landfills to an amenity for the public and/or possible revenue stream to the City.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Bond Issuances	-	-	-	**-**	-	80.0	200.0	200.0	**480.0**	-	**480.0**
Total	-	-	-	**-**	-	80.0	200.0	200.0	**480.0**	-	**480.0**

Environmental Services - Facilities

($000)

Los Reales 80-Acre Facilities Construction

Project ID: Q384
Start Date: 7/09
End Date: 6/11
Location: Ward 5

Description:
Construct facilities at the new Los Reales 80-acre site, including a self hauler facility, an education and training center, administrative offices, recycling facilities (for expanded diversion of materials currently landfilled), a scalehouse, and a household hazardous waste collection facility.

Justification:
New facilities construction is necessary to complete the master plan for the new Los Reales 80-acre site. The future plan is for the Los Reales landfill to be both an operational facility and an education resource for the public.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Environmental Services Fund: COPs	-	-	8,000.0	**8,000.0**	10,000.0	-	-	-	**18,000.0**	-	**18,000.0**
Total	-	-	8,000.0	**8,000.0**	10,000.0	-	-	-	**18,000.0**	-	**18,000.0**

Los Reales Infrastructure Plan

Project ID: Q383
Start Date: 7/07
End Date: 6/10
Location: Ward 5

Description:
Design the facility infrastructure improvements on the 80-acre site at Los Reales Landfill. Construction of the improvements is budgeted in the Los Reales 80-Acre Facilities Construction project.

Justification:
This project provides the infrastructure design necessary to implement the Master Plan. The future plan is for the landfill to be both an operational facility and an educational resource for the public.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Environmental Services Fund	44.2	-	-	**-**	-	-	-	-	**-**	-	**44.2**
Environmental Services Fund: COPs	1,195.9	277.7	-	**277.7**	-	-	-	-	**277.7**	-	**1,473.6**
Total	1,240.1	277.7	-	**277.7**	-	-	-	-	**277.7**	-	**1,517.8**

Environmental Services - Landfill Closure

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Irvington Landfill Closure											
1994 General Obligation Bond Funds	219.1	-	-	**-**	-	-	-	-	**-**	-	219.1
2000 Environmental Service Bonds	844.9	2,342.9	-	**2,342.9**	-	-	-	-	**2,342.9**	-	3,187.8
2000 General Obligation Bond Funds	8.8	-	-	**-**	-	-	-	-	**-**	-	8.8
Environmental Services Fund	136.4	745.0	-	**745.0**	-	-	-	-	**745.0**	-	881.4
	1,209.2	**3,087.9**	**-**	**3,087.9**	**-**	**-**	**-**	**-**	**3,087.9**	**-**	**4,297.1**
Los Reales Landfill Final Closure - Cell 3											
Future Bond Issuances	-	-	-	**-**	-	-	-	100.0	**100.0**	-	100.0
	-	**-**	**-**	**-**	**-**	**-**	**-**	**100.0**	**100.0**	**-**	**100.0**
Los Reales Landfill Intermediate Closure											
2000 Environmental Service Bonds	6.6	-	-	**-**	-	-	-	-	**-**	-	6.6
Environmental Services Fund	570.0	-	-	**-**	-	300.0	-	-	**300.0**	-	870.0
	576.6	**-**	**-**	**-**	**-**	**300.0**	**-**	**-**	**300.0**	**-**	**876.6**
Los Reales Landfill Westside Closure											
1994 General Obligation Bond Funds	440.8	-	-	**-**	-	-	-	-	**-**	-	440.8
1994 General Obligation Bond Funds: Interest	9.2	-	-	**-**	-	-	-	-	**-**	-	9.2
2000 Environmental Service Bonds	61.1	-	-	**-**	-	-	-	-	**-**	-	61.1
2000 General Obligation Bond Funds	510.4	-	-	**-**	-	-	-	-	**-**	-	510.4
Environmental Services Fund	113.2	-	100.0	**100.0**	735.0	-	-	-	**835.0**	-	948.2
	1,134.7	**-**	**100.0**	**100.0**	**735.0**	**-**	**-**	**-**	**835.0**	**-**	**1,969.7**

Environmental Services - Landfill Closure

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Tumamoc Landfill Closure											
2000 Environmental Service Bonds	27.3	-	-	**-**	-	-	-	-	**-**	-	27.3
Environmental Services Fund	-	75.0	-	**75.0**	-	-	-	-	**75.0**	-	75.0
Future Bond Issuances	-	-	-	**-**	1,000.0	1,000.0	500.0	500.0	**3,000.0**	-	3,000.0
	27.3	**75.0**	**-**	**75.0**	**1,000.0**	**1,000.0**	**500.0**	**500.0**	**3,075.0**	**-**	**3,102.3**
Program Area Total	**2,947.8**	**3,162.9**	**100.0**	**3,262.9**	**1,735.0**	**1,300.0**	**500.0**	**600.0**	**7,397.9**	**-**	**10,345.7**
Source of Funds Summary											
1994 General Obligation Bond Funds	659.9	-	-	**-**	-	-	-	-	**-**	-	659.9
1994 General Obligation Bond Funds: Interest	9.2	-	-	**-**	-	-	-	-	**-**	-	9.2
2000 Environmental Service Bonds	939.9	2,342.9	-	**2,342.9**	-	-	-	-	**2,342.9**	-	3,282.8
2000 General Obligation Bond Funds	519.2	-	-	**-**	-	-	-	-	**-**	-	519.2
Environmental Services Fund	819.6	820.0	100.0	**920.0**	735.0	300.0	-	-	**1,955.0**	-	2,774.6
Future Bond Issuances	-	-	-	**-**	1,000.0	1,000.0	500.0	600.0	**3,100.0**	-	3,100.0
Program Area Total	**2,947.8**	**3,162.9**	**100.0**	**3,262.9**	**1,735.0**	**1,300.0**	**500.0**	**600.0**	**7,397.9**	**-**	**10,345.7**

Environmental Services - Landfill Closure

($000)

Irvington Landfill Closure

Project ID: Q397
Start Date: 7/97
End Date: 6/10
Location: Ward 4

Description:
Design and construct final closure cover, stormwater run-on/off controls, and bank protection along the Mesquite Ranch Wash at the Irvington Landfill.

Justification:
This project is mandated under Arizona Department of Environmental Quality's Aquifer Protection Program. It will ensure compliance with state closure regulations and protect public health and the environment.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
1994 General Obligation Bond Funds	219.1	-	-	**-**	-	-	-	-	**-**	-	**219.1**
2000 Environmental Service Bonds	844.9	2,342.9	-	**2,342.9**	-	-	-	-	**2,342.9**	-	**3,187.8**
2000 General Obligation Bond Funds	8.8	-	-	**-**	-	-	-	-	**-**	-	**8.8**
Environmental Services Fund	136.4	745.0	-	**745.0**	-	-	-	-	**745.0**	-	**881.4**
Total	1,209.2	3,087.9	-	**3,087.9**	-	-	-	-	**3,087.9**	-	**4,297.1**

Los Reales Landfill Final Closure - Cell 3

Project ID: Q399
Start Date: 7/13
End Date: 6/14
Location: Ward 5

Description:
Design and construct final closure cover and stormwater run-on/off controls for Cell 3 at the Los Reales Landfill.

Justification:
This project is mandated under federal and state regulations and will facilitate the eventual closure of the Los Reales Landfill.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Bond Issuances	-	-	-	**-**	-	-	-	100.0	**100.0**	-	**100.0**
Total	-	-	-	**-**	-	-	-	100.0	**100.0**	-	**100.0**

Environmental Services - Landfill Closure

($000)

Los Reales Landfill Intermediate Closure

Project ID: Q324
Start Date: 7/11
End Date: 6/12
Location: Ward 5

Description:
Design and construct closure features, including subgrade preparations, stormwater drainage swales and letdowns.

Justification:
These features will facilitate the eventual closure of the Los Reales Landfill, which will be necessary to ensure compliance with federal and state regulations.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Environmental Service Bonds	6.6	-	-	**-**	-	-	-	-	**-**	-	**6.6**
Environmental Services Fund	570.0	-	-	**-**	-	300.0	-	-	**300.0**	-	**870.0**
Total	576.6	-	-	**-**	-	300.0	-	-	**300.0**	-	**876.6**

Los Reales Landfill Westside Closure

Project ID: Q325
Start Date: 1/98
End Date: 6/11
Location: Ward 5

Description:
Design and construct final closure for an industrial waste disposal area on the westside of Los Reales Landfill.

Justification:
Closure of this landfill area is necessary to ensure compliance with state and federal regulations and will improve long-term protection of the soil and groundwater.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
1994 General Obligation Bond Funds	440.8	-	-	**-**	-	-	-	-	**-**	-	**440.8**
1994 General Obligation Bond Funds: Interest	9.2	-	-	**-**	-	-	-	-	**-**	-	**9.2**
2000 Environmental Service Bonds	61.1	-	-	**-**	-	-	-	-	**-**	-	**61.1**
2000 General Obligation Bond Funds	510.4	-	-	**-**	-	-	-	-	**-**	-	**510.4**
Environmental Services Fund	113.2	-	100.0	**100.0**	735.0	-	-	-	**835.0**	-	**948.2**
Total	1,134.7	-	100.0	**100.0**	735.0	-	-	-	**835.0**	-	**1,969.7**

Environmental Services - Landfill Closure

($000)

Tumamoc Landfill Closure

Project ID: Q312

Start Date: 7/05

End Date: 6/14

Location: Ward 1

Description:
Design and construct final closure of the Tumamoc Landfill, including permitting and soil purchase. The design phase and soil purchase will be completed in Fiscal Year 2011, followed by construction in Fiscal Years 2012 through 2014. Construction is contingent upon the availability of future funding sources and participation from responsible parties.

Justification:
The landfill footprint is approximately 20 acres, unlined, and capped with native soil. The improvements must be constructed to meet state regulations.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Environmental Service Bonds	27.3	-	-	**-**	-	-	-	-	**-**	-	**27.3**
Environmental Services Fund	-	75.0	-	**75.0**	-	-	-	-	**75.0**	-	**75.0**
Future Bond Issuances	-	-	-	**-**	1,000.0	1,000.0	500.0	500.0	**3,000.0**	-	**3,000.0**
Total	27.3	75.0	-	**75.0**	1,000.0	1,000.0	500.0	500.0	**3,075.0**	-	**3,102.3**

Environmental Services - Landfill Construction

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Los Reales Landfill Buffer Improvements											
Environmental Services Fund: COPs	200.0	-	950.0	**950.0**	980.0	100.0	1,120.0	1,000.0	**4,150.0**	-	4,350.0
	200.0	**-**	**950.0**	**950.0**	**980.0**	**100.0**	**1,120.0**	**1,000.0**	**4,150.0**	**-**	**4,350.0**
Los Reales Landfill Lined Cell 4											
Future Bond Issuances	-	-	-	**-**	-	-	-	100.0	**100.0**	-	100.0
	-	**-**	**-**	**-**	**-**	**-**	**-**	**100.0**	**100.0**	**-**	**100.0**
Program Area Total	**200.0**	**-**	**950.0**	**950.0**	**980.0**	**100.0**	**1,120.0**	**1,100.0**	**4,250.0**	**-**	**4,450.0**

Source of Funds Summary											
Environmental Services Fund: COPs	200.0	-	950.0	**950.0**	980.0	100.0	1,120.0	1,000.0	**4,150.0**	-	4,350.0
Future Bond Issuances	-	-	-	**-**	-	-	-	100.0	**100.0**	-	100.0
Program Area Total	**200.0**	**-**	**950.0**	**950.0**	**980.0**	**100.0**	**1,120.0**	**1,100.0**	**4,250.0**	**-**	**4,450.0**

Environmental Services - Landfill Construction

($000)

Los Reales Landfill Buffer Improvements

Project ID: Q332
Start Date: 7/05
End Date: 6/14
Location: Ward 5

Description:
Design and construct buffer improvements to the north, east, and west perimeters of the landfill including a screening berm, trees, and vegetation, as well as erosion control for Rodeo wash.

Justification:
These buffer improvements, which are required as part of the landfill's adopted master plan, will provide adequate screening to residential developments. The timing of buffer improvements corresponds to the development plans for neighboring areas and landfill expansion.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Environmental Services Fund: COPs	200.0	-	950.0	**950.0**	980.0	100.0	1,120.0	1,000.0	**4,150.0**	-	**4,350.0**
Total	200.0	-	950.0	**950.0**	980.0	100.0	1,120.0	1,000.0	**4,150.0**	-	**4,350.0**

Los Reales Landfill Lined Cell 4

Project ID: Q416
Start Date: 7/13
End Date: 6/14
Location: Ward 5

Description:
Design, permit, and construct a fourth lined cell on 26 acres at the Los Reales Landfill. Future funding must be identified in order to ensure adequate disposal capacity for the City of Tucson.

Justification:
Additional cells are needed to extend the life of the city's only operational landfill. The continued development of Los Reales Landfill represents the lowest cost alternative for disposal capacity.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Bond Issuances	-	-	-	**-**	-	-	-	100.0	**100.0**	-	**100.0**
Total	-	-	-	**-**	-	-	-	100.0	**100.0**	-	**100.0**

Environmental Services - Remediations

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Silverbell Jail Annex Landfill Remediation											
1994 General Obligation Bond Funds	2,121.2	-	-	**-**	-	-	-	-	**-**	-	2,121.2
1994 General Obligation Bond Funds: Interest	37.7	-	-	**-**	-	-	-	-	**-**	-	37.7
2000 Environmental Service Bonds	1,090.5	-	-	**-**	-	-	-	-	**-**	-	1,090.5
2000 General Obligation Bond Funds	207.2	-	-	**-**	-	-	-	-	**-**	-	207.2
Environmental Services Fund	100.0	-	850.0	**850.0**	-	-	-	-	**850.0**	-	950.0
Future Bond Issuances	-	-	-	**-**	650.0	-	-	-	**650.0**	-	650.0
	3,556.6	**-**	**850.0**	**850.0**	**650.0**	**-**	**-**	**-**	**1,500.0**	**-**	**5,056.6**
Program Area Total	**3,556.6**	**-**	**850.0**	**850.0**	**650.0**	**-**	**-**	**-**	**1,500.0**	**-**	**5,056.6**

Source of Funds Summary											
1994 General Obligation Bond Funds	2,121.2	-	-	**-**	-	-	-	-	**-**	-	2,121.2
1994 General Obligation Bond Funds: Interest	37.7	-	-	**-**	-	-	-	-	**-**	-	37.7
2000 Environmental Service Bonds	1,090.5	-	-	**-**	-	-	-	-	**-**	-	1,090.5
2000 General Obligation Bond Funds	207.2	-	-	**-**	-	-	-	-	**-**	-	207.2
Environmental Services Fund	100.0	-	850.0	**850.0**	-	-	-	-	**850.0**	-	950.0
Future Bond Issuances	-	-	-	**-**	650.0	-	-	-	**650.0**	-	650.0
Program Area Total	**3,556.6**	**-**	**850.0**	**850.0**	**650.0**	**-**	**-**	**-**	**1,500.0**	**-**	**5,056.6**

Environmental Services - Remediations

($000)

Silverbell Jail Annex Landfill Remediation

Project ID: U314
Start Date: 7/95
End Date: 6/11
Location: Ward 1

Description:
Design and construct a new groundwater treatment system, and install six monitoring wells to remediate the groundwater beneath the site, which has been impacted by volatile organic compounds. Future funding sources must be identified to meet the City of Tucson's regulatory responsibilities for this site. Construction is contingent upon the availability of future funding sources.

Justification:
This system is needed to help prevent the plume from co-mingling with another Water Quality Assurance Revolving Fund site, increasing the City's liability for groundwater clean-up. This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
1994 General Obligation Bond Funds	2,121.2	-	-	**-**	-	-	-	-	**-**	-	**2,121.2**
1994 General Obligation Bond Funds: Interest	37.7	-	-	**-**	-	-	-	-	**-**	-	**37.7**
2000 Environmental Service Bonds	1,090.5	-	-	**-**	-	-	-	-	**-**	-	**1,090.5**
2000 General Obligation Bond Funds	207.2	-	-	**-**	-	-	-	-	**-**	-	**207.2**
Environmental Services Fund	100.0	-	850.0	**850.0**	-	-	-	-	**850.0**	-	**950.0**
Future Bond Issuances	-	-	-	**-**	650.0	-	-	-	**650.0**	-	**650.0**
Total	3,556.6	-	850.0	**850.0**	650.0	-	-	-	**1,500.0**	-	**5,056.6**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Fire

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: Fire **Five-Year Total:** $ 9,416,800

The Fire Department's Capital Improvement Program (CIP) establishes improvements needed to sustain adequate levels of emergency services for fire protection and medical needs.

The five-year capital program of $9.4 million is funded with $8.0 million in capital improvement funds, which involve non-bond financing, $1.0 million in stimulus funds, and $420,400 in 2000 general obligation bond funds and bond interest.

Major projects in this five-year CIP with funding in Fiscal Year 2010 include the following:

- Fire Central: a new facility to house Fire Station 1, Administration, Emergency Management, and Fire Prevention offices
- Land acquisition for future fire stations

The operating budget costs associated with this program are projected to be $260,100 beginning the first year of this CIP, Fiscal Year 2010, increasing to $380,700 in Fiscal Year 2014.

2000 General Obligation Bond Authorization
New and Deleted Projects in the FY 2010-2014 CIP
($000)

The Truth-in-Bonding Ordinance reads as follows: "That in any particular year, approved bond proceeds to be allocated to projects in accordance with the priority levels set forth in the City of Tucson's publicly adopted Five-Year Capital Improvements Funded Program (CIFP). Any change which results in the creation of new or cancellation of previously approved capital projects requires prior Mayor and Council approval at a Study Sessions or Regular Session open to the public, which will include a Public Hearing, and which shall be consistent with all other legal and management requirements, procedures, and controls."

The following table lists projects newly funded by the 2000 Bond Authorization and those projects that will no longer be funded with the 2000 Bond Authorization.

	Project Total
Newly Created 2000 Bond Project	
Land Acquisition for Future Stations	$ 181.3
Newly Created Project Total	**$ 181.3**

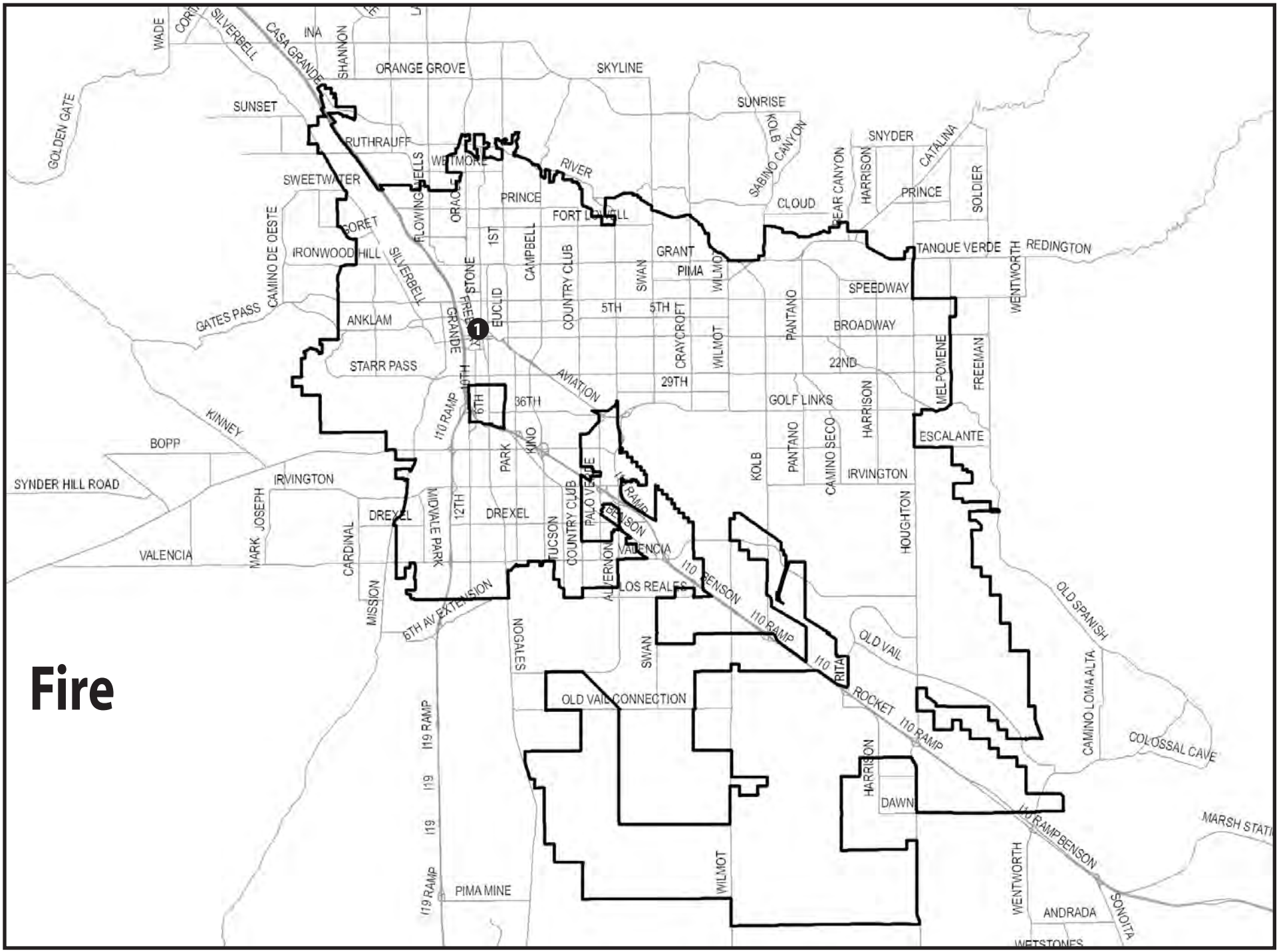
Fire: CIP Impact on the Operating Budget

When the following projects in this CIP are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

($000)

Project Name	Year 1 FY 2010	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total
Fire Central	260.1	286.0	314.7	346.1	380.7	**1,587.6**
Total	**260.1**	**286.0**	**314.7**	**346.1**	**380.7**	**1,587.6**

Source of Funds Summary						
General Fund	260.1	286.0	314.7	346.1	380.7	**1,587.6**
Total	**260.1**	**286.0**	**314.7**	**346.1**	**380.7**	**1,587.6**


Fire
1
WADE
SILVERBELL
CASA GRANDE
INA
SHANNON
ORANGE GROVE
SKYLINE
SUNSET
GOLDEN GATE
SUNRISE
KOLB
SABINO CANYON
SNYDER
CATALINA
RUTHRAUFF
WETMORE
RIVER
SWEETWATER
FLOWING WELLS
ORACLE
PRINCE
FORT LOWELL
CLOUD
BEAR CANYON
HARRISON
PRINCE
SOLDIER
CORET
CAMINO DE OESTE
IRONWOOD HILL
SILVERBELL
STONE
1ST
CAMPBELL
COUNTRY CLUB
SWAN
GRANT
PIMA
WILMOT
TANQUE VERDE
REDINGTON
WENTWORTH
SPEEDWAY
GATES PASS
ANKLAM
GRANDE
EUCLID
5TH
5TH
CRAYCROFT
PANTANO
BROADWAY
STARR PASS
22ND
29TH
WILMOT
MEL POMENE
FREEMAN
AVIATION
10TH
6TH
36TH
GOLF LINKS
HARRISON
KINNEY
I10 RAMP
PARK
KINO
PANTANO
CAMINO SECO
ESCALANTE
BOPP
KOLB
IRVINGTON
SYNDER HILL ROAD
IRVINGTON
JOSEPH
DREXEL
12TH
DREXEL
MIDVALE PARK
TUCSON
COUNTRY CLUB
PALO VERDE
I10 RAMP
BENSON
HOUGHTON
VALENCIA
MARK
CARDINAL
VALENCIA
ALVERNON
LOS REALES
I10 BENSON
I10 RAMP
OLD SPANISH
MISSION
6TH AV EXTENSION
NOGALES
SWAN
OLD VAIL
I10
RITA
ROCKET
I10 RAMP
CAMINO LOMA ALTA
OLD VAIL CONNECTION
I19 RAMP
I19
I19
COLOSSAL CAVE
HARRISON
DAWN
MARSH STATI
I10 RAMP BENSON
WILMOT
WENTWORTH
PIMA MINE
I19 RAMP
ANDRADA
SONOITA
WETSTONES

Map Legend

Fire

Project Name	Year to be Completed
1. Fire Central	FY 2010

Fire

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Fire Central											
Capital Improvement Fund	29,418.5	6,000.0	1,996.4	**7,996.4**	-	-	-	-	**7,996.4**	-	37,414.9
General Fund	13.0	-	-	**-**	-	-	-	-	**-**	-	13.0
General Fund: Certificates of Participation	1,422.0	-	-	**-**	-	-	-	-	**-**	-	1,422.0
	30,853.5	**6,000.0**	**1,996.4**	**7,996.4**	**-**	**-**	**-**	**-**	**7,996.4**	**-**	**38,849.9**
Land Acquisition for Future Stations											
2000 General Obligation Bond Funds	-	-	181.3	**181.3**	-	-	-	-	**181.3**	-	181.3
2000 General Obligation Bond Funds: Interest	-	239.1	-	**239.1**	-	-	-	-	**239.1**	-	239.1
Economic Stimulus Funds	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	1,000.0
General Fund	0.9	-	-	**-**	-	-	-	-	**-**	-	0.9
	0.9	**239.1**	**1,181.3**	**1,420.4**	**-**	**-**	**-**	**-**	**1,420.4**	**-**	**1,421.3**
Department Total	**30,854.4**	**6,239.1**	**3,177.7**	**9,416.8**	**-**	**-**	**-**	**-**	**9,416.8**	**-**	**40,271.2**

Source of Funds Summary											
2000 General Obligation Bond Funds	-	-	181.3	**181.3**	-	-	-	-	**181.3**	-	181.3
2000 General Obligation Bond Funds: Interest	-	239.1	-	**239.1**	-	-	-	-	**239.1**	-	239.1
Capital Improvement Fund	29,418.5	6,000.0	1,996.4	**7,996.4**	-	-	-	-	**7,996.4**	-	37,414.9
Economic Stimulus Funds	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	1,000.0
General Fund	13.9	-	-	**-**	-	-	-	-	**-**	-	13.9
General Fund: Certificates of Participation	1,422.0	-	-	**-**	-	-	-	-	**-**	-	1,422.0
Department Total	**30,854.4**	**6,239.1**	**3,177.7**	**9,416.8**	**-**	**-**	**-**	**-**	**9,416.8**	**-**	**40,271.2**

Fire

($000)

Fire Central

Project ID: F913

Start Date: 7/06
End Date: 8/09

Location: Ward 1
(within Rio Nuevo District)

Description:
Design and construct a new facility that will permit the relocation of Fire Station 1, Administration, Emergency Management, and Fire Prevention offices to a new downtown site. This project will include a 61,500 square-foot multi-story building and will provide the necessary physical space and facilities to allow the Tucson Fire Department to continue providing customer service to the downtown and Rio Nuevo District areas. This site will also house the Firefighter Memorial Project.

Justification:
A new facility is needed to adequately house current staff for Fire Station 1, Administration, Emergency Management, and Fire Prevention offices in a centrally-located facility and provide for anticipated growth. After the current Fire Station 1/Administration building has been vacated by Fire, the property may be leased to a private business.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Improvement Fund	29,418.5	6,000.0	1,996.4	**7,996.4**	-	-	-	-	**7,996.4**	-	**37,414.9**
General Fund	13.0	-	-	**-**	-	-	-	-	**-**	-	**13.0**
General Fund: Certificates of Participation	1,422.0	-	-	**-**	-	-	-	-	**-**	-	**1,422.0**
Total	30,853.5	6,000.0	1,996.4	**7,996.4**	-	-	-	-	**7,996.4**	-	**38,849.9**

Land Acquisition for Future Stations

Project ID: F930

Start Date: 7/08
End Date: 6/10

Location: Citywide

Description:
Purchase of parcel(s) of land on which to build additional fire stations or relocate existing fire stations.

Justification:
Current economic conditions have created a buyers market to purchase parcels of land for future fire stations. Acquiring land in advance of project design and construction schedules spreads cash flow needs over a longer period of time, enhancing the financial sustainability of the project.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	-	-	181.3	**181.3**	-	-	-	-	**181.3**	-	**181.3**
2000 General Obligation Bond Funds: Interest	-	239.1	-	**239.1**	-	-	-	-	**239.1**	-	**239.1**
Economic Stimulus Funds	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	**1,000.0**
General Fund	0.9	-	-	**-**	-	-	-	-	**-**	-	**0.9**
Total	0.9	239.1	1,181.3	**1,420.4**	-	-	-	-	**1,420.4**	-	**1,421.3**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

General Services

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: General Services **Five-Year Total:** $6,665,900

The General Services Capital Improvement Program (CIP) of $6,665,900 has only one project: the Clean Renewable Energy Bond (CREB) funded installation of Photovoltaic solar panels on seven city-owned facilities. The electricity generated by these panels will be fed into the Tucson Electric Power (TEP) grid and will reduce the City's electric bills at these sites. In addition, TEP will pay the City for the electricity generated, which will help pay for the solar equipment.

This solar project will reduce the City's carbon footprint and help reach the goals set forth in the Sustainability Framework recently adopted by the Mayor and Council and continue Tucson's role as a recognized Solar America City.

General Services - Buildings and Equipment

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Clean Renewable Energy Bonds											
Clean Renewable Energy Bond Fund	830.0	2,190.0	4,475.9	**6,665.9**	-	-	-	-	**6,665.9**	-	7,495.9
	830.0	**2,190.0**	**4,475.9**	**6,665.9**	**-**	**-**	**-**	**-**	**6,665.9**	**-**	**7,495.9**
Department Total	**830.0**	**2,190.0**	**4,475.9**	**6,665.9**	**-**	**-**	**-**	**-**	**6,665.9**	**-**	**7,495.9**

Source of Funds Summary											
Clean Renewable Energy Bond Fund	830.0	2,190.0	4,475.9	**6,665.9**	-	-	-	-	**6,665.9**	-	7,495.9
Department Total	**830.0**	**2,190.0**	**4,475.9**	**6,665.9**	**-**	**-**	**-**	**-**	**6,665.9**	**-**	**7,495.9**

General Services - Buildings and Equipment

($000)

Clean Renewable Energy Bonds

Project ID: B807

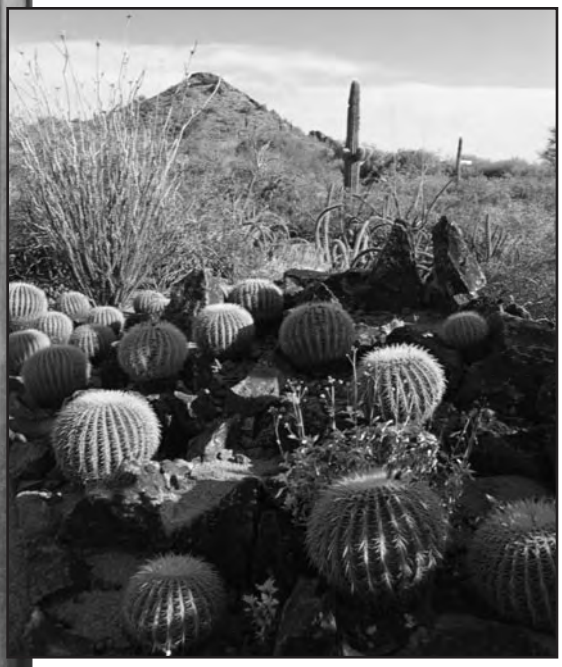
Start Date: 10/08
End Date: 3/10

Location: City and County (within Rio Nuevo District)

Description:
Construct and install 1.2 megawatts of solar photovoltaic systems on seven City sites; El Pueblo and El Rio Neighborhood Centers, the Public Safety Training Academy, the Sweetwater Reservoir, Hayden Udall Central Arizona Plant, Parks and Recreation Warehouse and the Information Technology Building.

Justification:
Under the Federal Energy Policy Act (2005), the City applied for and received a CREBs allocation of up to $7.7 million to install solar photovoltaic systems on seven City facilities. The City will install $7.4 million of solar panels, which will generate electricity and reduce the City's electric bills at these sites. This project will reduce the City's carbon footprint. Tucson Electric Power will pay the City for the electricity offsetting the cost of debt service.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Clean Renewable Energy Bond Fund	830.0	2,190.0	4,475.9	**6,665.9**	-	-	-	-	**6,665.9**	-	**7,495.9**
Total	830.0	2,190.0	4,475.9	**6,665.9**	-	-	-	-	**6,665.9**	-	**7,495.9**



Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Housing and Community Development

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

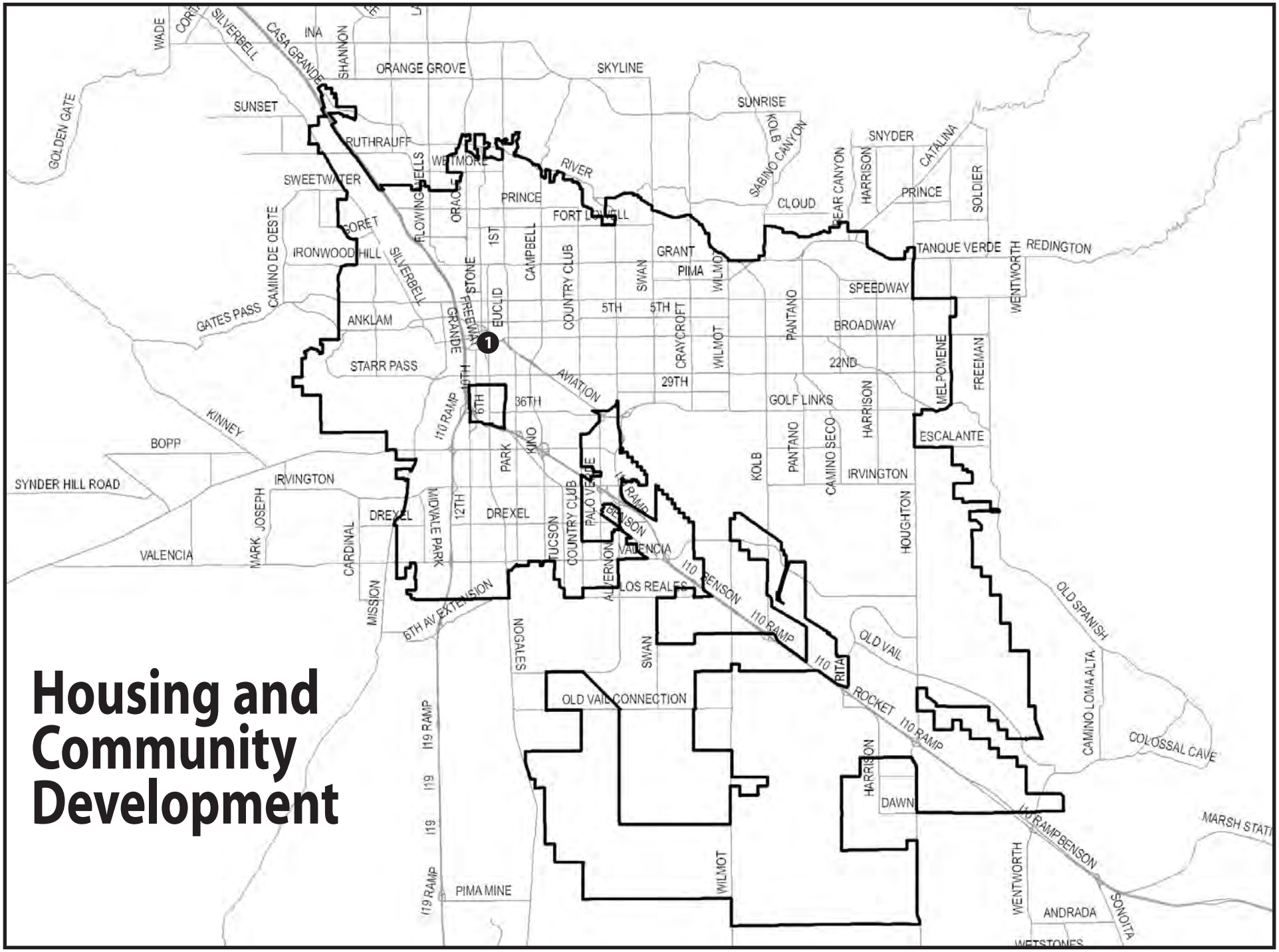
Department: Housing and Community Development **Five-Year Total:** $ 19,776,400

The Housing and Community Development Department's Capital Improvement Program (CIP) consists of two projects:

- Design and construction of Back to Basics projects. As directed by Mayor and Council, new funding for the Back to Basics project has been suspended for Fiscal Year 2010 due to the current economic downturn. The funding available in Fiscal Year 2010 is carryforward from Fiscal Year 2009 for prior year projects. Funding is resumed for Fiscal Years 2011 through 2014 pending annual appropriation decisions.

- Construction of resident amenities at the new Martin Luther King, Jr. apartments, including computer room, exercise room, recreation room, clinic, secured lobby, tenant council meeting space, and lounge, terrace, and patio areas.

The department's five-year CIP is funded with $9.7 million from the Highway User Revenue Fund, $6.3 million in Community Development Block Grant funds, $2.4 million in federal grants, $1.1 million in Pima County Neighborhood Reinvestment bonds, and $0.2 million in General Fund: Earned Revenue (revenue from the department's housing programs that is reinvested in those programs).



Housing and Community Development

Map Legend

Community Services Department

Project Name	Year to be Completed
1. Martin Luther King Public Housing Amenities	FY 2011

Housing and Community Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Back to Basics Master Project											
Community Development Block Grant Fund	-	1,900.0	-	**1,900.0**	1,080.4	1,080.4	1,080.4	1,080.4	**6,221.6**	-	6,221.6
Highway User Revenue Fund	-	2,930.0	-	**2,930.0**	1,700.0	1,700.0	1,700.0	1,700.0	**9,730.0**	-	9,730.0
	-	**4,830.0**	**-**	**4,830.0**	**2,780.4**	**2,780.4**	**2,780.4**	**2,780.4**	**15,951.6**	**-**	**15,951.6**
Martin Luther King Public Housing Amenities											
Capital Agreement Fund: Pima County Bonds	119.0	-	795.5	**795.5**	358.2	-	-	-	**1,153.7**	-	1,272.7
Community Development Block Grant Fund	-	-	-	**-**	104.6	-	-	-	**104.6**	-	104.6
General Fund: Earned Revenue	-	-	-	**-**	196.9	-	-	-	**196.9**	-	196.9
HOPE VI - Martin Luther King Revitalization	233.9	723.4	18.8	**742.2**	1,627.4	-	-	-	**2,369.6**	-	2,603.5
	352.9	**723.4**	**814.3**	**1,537.7**	**2,287.1**	**-**	**-**	**-**	**3,824.8**	**-**	**4,177.7**
Department Total	**352.9**	**5,553.4**	**814.3**	**6,367.7**	**5,067.5**	**2,780.4**	**2,780.4**	**2,780.4**	**19,776.4**	**-**	**20,129.3**

Source of Funds Summary											
Capital Agreement Fund: Pima County Bonds	119.0	-	795.5	**795.5**	358.2	-	-	-	**1,153.7**	-	1,272.7
Community Development Block Grant Fund	-	1,900.0	-	**1,900.0**	1,185.0	1,080.4	1,080.4	1,080.4	**6,326.2**	-	6,326.2
General Fund: Earned Revenue	-	-	-	**-**	196.9	-	-	-	**196.9**	-	196.9
HOPE VI - Martin Luther King Revitalization	233.9	723.4	18.8	**742.2**	1,627.4	-	-	-	**2,369.6**	-	2,603.5
Highway User Revenue Fund	-	2,930.0	-	**2,930.0**	1,700.0	1,700.0	1,700.0	1,700.0	**9,730.0**	-	9,730.0
Department Total	**352.9**	**5,553.4**	**814.3**	**6,367.7**	**5,067.5**	**2,780.4**	**2,780.4**	**2,780.4**	**19,776.4**	**-**	**20,129.3**

Housing and Community Development

($000)

Back to Basics Master Project

Project ID: H148

Start Date: Annual
End Date: Annual

Location: Citywide

Description:
Design and construct basic infrastructure improvements as directed by the Mayor and Council. This is a master project that has provided annual funding for specific project allocations as made by the Mayor's Office and individual council offices. For Fiscal Year 2010, the program has been suspended and the funding allocated to the Parks and Recreation and Transportation departments. The carryforward funding in Fiscal Year 2010 is to complete projects from prior years. Funding in Fiscal Years 2012 through 2014 is pending annual appropriations decisions.

Justification:
This project supports the Mayor and Council Strategic Priorities.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Community Development Block Grant Fund	-	1,900.0	-	**1,900.0**	1,080.4	1,080.4	1,080.4	1,080.4	**6,221.6**	-	**6,221.6**
Highway User Revenue Fund	-	2,930.0	-	**2,930.0**	1,700.0	1,700.0	1,700.0	1,700.0	**9,730.0**	-	**9,730.0**
Total	-	4,830.0	-	**4,830.0**	2,780.4	2,780.4	2,780.4	2,780.4	**15,951.6**	-	**15,951.6**

Martin Luther King Public Housing Amenities

Project ID: H124

Start Date: 9/06
End Date: 12/10

Location: Ward 6
(within Rio Nuevo District)

Description:
Design and construct public housing resident amenities at a new Martin Luther King, Jr. apartment building, which is being built just north of the previous location at 1 North Fifth Avenue.

Justification:
This project is being constructed in conjunction with the MLK (Martin Luther King) Revitalization Plan approved by Mayor and Council.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	119.0	-	795.5	**795.5**	358.2	-	-	-	**1,153.7**	-	**1,272.7**
Community Development Block Grant Fund	-	-	-	**-**	104.6	-	-	-	**104.6**	-	**104.6**
General Fund: Earned Revenue	-	-	-	**-**	196.9	-	-	-	**196.9**	-	**196.9**
HOPE VI - Martin Luther King Revitalization	233.9	723.4	18.8	**742.2**	1,627.4	-	-	-	**2,369.6**	-	**2,603.5**
Total	352.9	723.4	814.3	**1,537.7**	2,287.1	-	-	-	**3,824.8**	-	**4,177.7**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Parks and Recreation

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: Parks and Recreation **Five-Year Total:** $ 46,149,700

The Parks and Recreation Department's Capital Improvement Program (CIP) is based on the Parks, Recreation, and Open Space component of the city's General Plan, the adopted City of Tucson Parks and Recreation Ten-year Strategic Service Plan, and Mayor and Council direction. The CIP implements Mayor and Council policy by developing facilities that provide for family, youth, and senior adult recreation, while supporting inner-city revitalization, public art, and using arid and semi-arid landscaping wherever possible to conserve water.

The five-year capital program of $46.1 million is funded primarily from Pima County bonds, Capital Improvement Funds (certificates of participation), and the city's general obligation bonds. The budget includes capacity for the Reid Park Zoo Africa expansion, potential Pima County Neighborhood Reinvestment projects, and projects funded by impact fees.

The impact of this five-year CIP on future operating budgets is estimated to be $717,000 in Fiscal Year 2010, increasing to $2,881,600 by Fiscal Year 2014 for a five-year total of $11,354,100. See the following pages for the impact by project and funding source.

Impact Fee Projects Plan

New and Deleted Projects Adopted in the FY 2010-2014 CIP
($000)

The impact fee ordinance requires that the Impact Fee Projects Plan (IFPP) be included in the city's capital improvement program (CIP) and be reviewed annually. The projects currently in the IFPP were established by public hearing in March 2007.

The following table lists projects in this adopted CIP for deletion or addition to the IFPP. The approval for these revisions to the IFPP was part of the FY 2010 budget adoption public hearing. These projects will be added to the IFPP. However, programming and spending against the allocations is contingent upon the availability of impact fee revenue.

	Project Allocation	
Project allocations to be added		**Year to be programmed***
West District - Sentinel Peak Park	$ 200.0	Pending Revenue
Added Allocations Total	**$ 200.0**	

*As noted above, programming and spending is dependent upon the availability of impact fee revenue.

Parks and Recreation: CIP Impact on the Operating Budget

When the following projects in this CIP are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

($000)

Project Name	Year 1 FY 2010	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total
A Mountain Improvement	0.5	0.5	0.5	0.5	0.5	**2.5**
Alamo Wash Trail	6.0	6.0	6.0	6.0	6.2	**30.2**
Arroyo Chico Urban Path: Campbell/Parkway	-	-	108.7	91.7	94.4	**294.9**
Arroyo Chico Urban Pathway	-	102.8	86.3	86.3	88.9	**364.2**
Atterbury Wash Sanctuary Expansion	-	41.6	37.9	37.9	39.1	**156.6**
Clements Senior Center Recreation Facility	-	358.6	285.7	285.6	294.2	**1,224.0**
General Instruments Site Improvements	-	66.2	66.2	66.2	68.2	**266.8**
Grijalva School Park	61.4	61.4	61.4	61.4	63.3	**308.9**
Juhan Park Expansion	65.8	65.8	65.8	65.8	67.8	**330.9**
Julian Wash Linear Park	25.0	37.9	37.9	37.9	39.1	**177.9**
Lincoln Park Sport Fields	-	378.5	185.0	185.0	190.6	**939.2**
Mendoza Memorial Park	2.4	2.4	2.4	2.4	2.5	**12.1**
Menlo Park Elementary Soccer Improvements	13.7	13.7	13.7	13.7	14.1	**69.0**
Menlo Park Improvements	1.7	1.7	1.7	1.7	1.7	**8.3**
New Comfort Stations	61.0	61.0	61.0	61.0	62.8	**306.8**
Northside Recreation Center	-	-	621.9	550.0	566.5	**1,738.4**
Purple Heart Park Expansion	-	153.4	37.9	37.9	39.1	**268.4**
Reid Park Expansion, Phase 1	63.0	45.5	45.5	45.5	46.9	**246.3**
Reid Park Zoo Africa Expansion-Elephant Exhibit	-	106.9	419.4	419.4	432.0	**1,377.6**
Rio Vista Park Expansion	89.8	89.8	89.8	89.8	92.5	**451.9**
Robb Wash Trail	3.0	6.0	6.0	6.0	6.2	**27.2**
South Central Community Park, Phase I	-	53.4	37.9	37.9	39.1	**168.4**
Southeast Community Park	-	-	576.9	383.4	394.9	**1,355.2**
Udall Park Sport Fields	323.7	224.5	224.5	224.5	231.3	**1,228.5**
Total	**717.0**	**1,877.7**	**3,080.1**	**2,797.6**	**2,881.6**	**11,354.1**

Source of Funds Summary						
General Fund	717.0	1,877.7	3,080.1	2,797.6	2,881.6	**11,354.1**
Total	**717.0**	**1,877.7**	**3,080.1**	**2,797.6**	**2,881.6**	**11,354.1**

1997 Pima County Parks Bond Program
City Parks and Recreation Projects
($000)

Project Name	Project Total
Menlo Park Elementary Soccer Improvements (Design and construct one lighted soccer field and associated improvements to the existing irrigation system, fencing and parking lot.)	$ 828.7
Total	**$ 828.7**

NOTES: The project listed above is included in this five-year capital improvement program (CIP) for the Parks and Recreation Department. The total amount of authorized Pima County Bonds for projects within the city limits was $17,850,000, with $3,000,000 for athletic and play field improvements, and the design and construction of Christopher Columbus Park to be administered by Pima County. In September 2008, bond funds in the amount of $828,700 was reallocated from the Santa Cruz River Community Park to the Menlo Park Elementary Soccer Improvement project. Project amounts are net of Pima County's administrative charges. Projects that have been completed are no longer shown in this five-year CIP.

This listing does not include any Pima County neighborhood reinvestment bond funds that may be spent within the city.

2004 Pima County General Obligation Bond Program
Parks and Open Space Projects within the City of Tucson
($000)

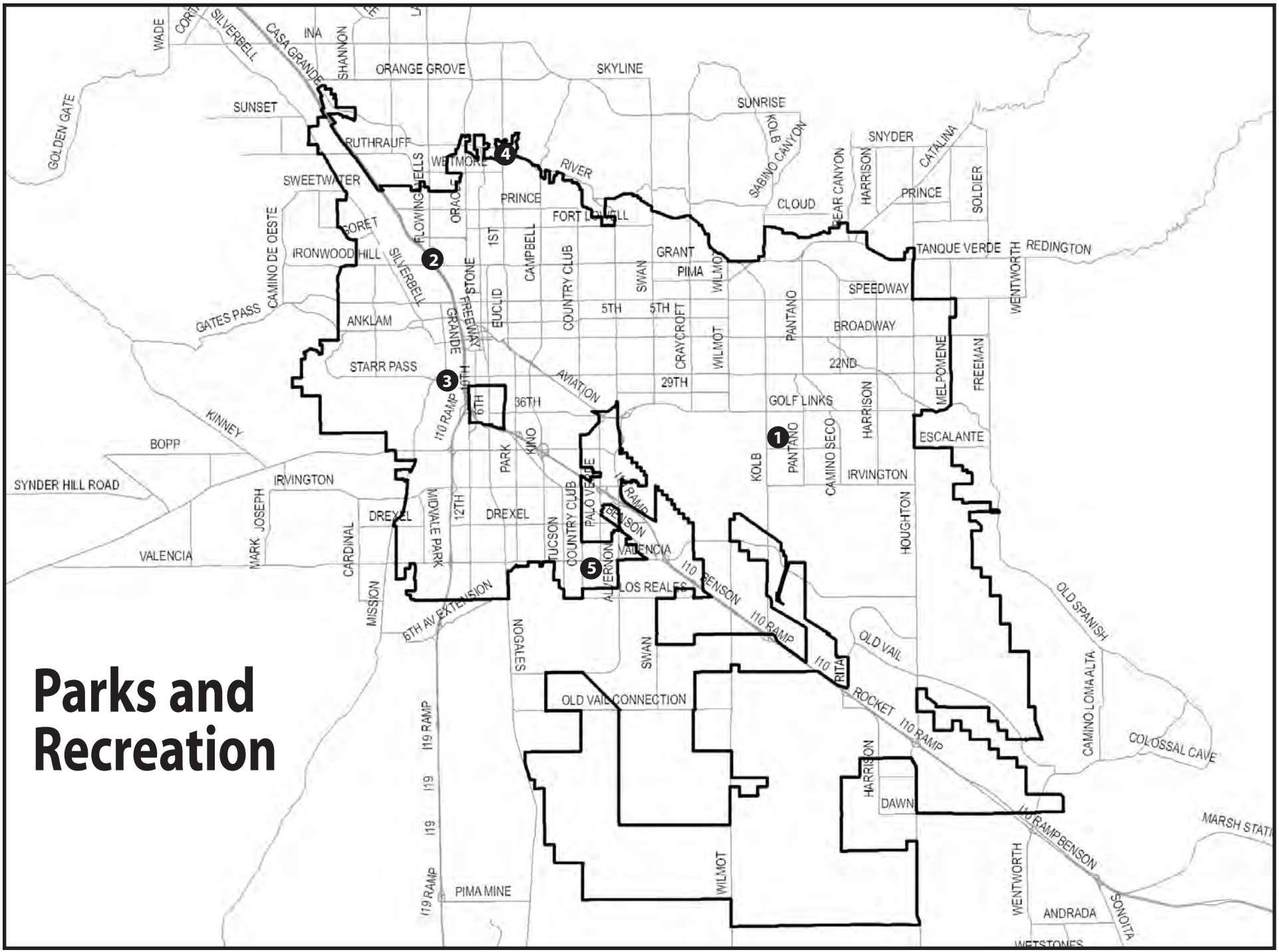
The Pima County General Obligation Bond Program approved by the voters in May 2004 included parks and open space projects within the City of Tucson. Following is a listing of those projects grouped by the administering agency.

This listing does not include any Pima County neighborhood reinvestment bond funds that may be spent within the city.

Project	Pima County Bond Allocation	Estimated Pima County Administrative Charges[1]	Available to City of Tucson for Direct Project Costs
Projects to be Administered by City of Tucson			
Arroyo Chico Urban Path: Campbell/Parkway	$ 1,000.0	$ 25.0	$ 975.0
Atterbury Wash Sanctuary Expansion	1,200.0	30.0	1,170.0
Julian Wash Linear Park	3,700.0	92.5	3,607.5
Lincoln Park Sport Fields	3,500.0	87.5	3,412.5
Northside Recreation Center	5,500.0	137.5	5,362.5
Rio Vista Park Expansion	1,500.0	37.5	1,462.5
Southeast Community Park	6,000.0	150.0	5,850.0
Udall Park Sport Fields[2]	2,474.8	39.6	2,435.2
	$ 24,874.8	**$ 599.6**	**$ 24,275.2**
Projects to be Administered by Pima County			
Aqua Caliente Open Space	5,000.0		
Fort Lowell Acquisition and San Pedro Chapel	3,000.0		
Habitat at 36th and Kino	1,000.0		
Pantano Linear Park (22nd to Michael Perry Park)	3,500.0		
Rillito River Linear Park Completion	3,000.0		
Santa Cruz River Park (Ajo to 29th Street)	14,000.0		
Santa Cruz River Park (Grant to El Camino del Cerro)	2,700.0		
36th Street Corridor Open Space	5,000.0		
	$ 37,200.0		
Total of Projects within the City of Tucson	**$ 62,074.8**		

[1]Pima County's administrative charges are negotiated during the development of each project's intergovernmental agreement (IGA). Based on past IGAs, these figures reflect a 2.5% charge unless otherwise noted.

[2]The IGA for this project has an administrative charge of 1.6%


Parks and Recreation
1
2
3
4
5
WADE
SILVERBELL
CASA GRANDE
INA
SHANNON
ORANGE GROVE
SKYLINE
SUNSET
SUNRISE
GOLDEN GATE
RUTHRAUFF
WETMORE
RIVER
SABINO CANYON
KOLB
SNYDER
CATALINA
SWEETWATER
PRINCE
FORT LOWELL
CLOUD
BEAR CANYON
HARRISON
SOLDIER
CAMINO DE OESTE
FLOWING WELLS
ORACLE
1ST
CAMPBELL
COUNTRY CLUB
GRANT
PIMA
WILMOT
TANQUE VERDE
REDINGTON
IRONWOOD HILL
SILVERBELL
STONE
EUCLID
SWAN
SPEEDWAY
WENTWORTH
GATES PASS
ANKLAM
FREEWAY
GRANDE
5TH
CRAYCROFT
PANTANO
BROADWAY
STARR PASS
10TH
AVIATION
29TH
22ND
MELPOMENE
FREEMAN
KINNEY
I10 RAMP
6TH
36TH
GOLF LINKS
BOPP
PARK
KINO
PALO VERDE
CAMINO SECO
ESCALANTE
SYNDER HILL ROAD
IRVINGTON
JOSEPH
MARK
DREXEL
12TH
MIDVALE PARK
TUCSON
COUNTRY CLUB
BENSON
VALENCIA
HOUGHTON
VALENCIA
CARDINAL
ALVERNON
LOS REALES
I10 BENSON
I10 RAMP
OLD SPANISH
MISSION
6TH AV EXTENSION
NOGALES
OLD VAIL
I10 RITA
ROCKET
CAMINO LOMA ALTA
OLD VAIL CONNECTION
I19 RAMP
I19
COLOSSAL CAVE
DAWN
MARSH STATI
I10 RAMP BENSON
PIMA MINE
ANDRADA
SONOITA
WETSTONES

Map Legend

Parks and Recreation

Project Name	Year to be Completed	Project Name	Year to be Completed
1. Atterbury Wash Sanctury Park	FY 2011	4. Northside Recreation Center	FY 2012
2. Juhan Park Expansion	FY 2010	5. Valencia and Alvernon Community Park, Phase I	FY 2010
3. Ormsby Park Expansion	FY 2010		

Parks and Recreation

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Parks and Recreation - Parks Development	10,517.5	5,194.1	15,415.3	**20,609.4**	11,096.6	3,256.1	1,500.0	1,500.0	**37,962.1**	-	**48,479.6**
Parks and Recreation - Zoo Improvements	537.4	287.6	-	**287.6**	7,900.0	-	-	-	**8,187.6**	-	**8,725.0**
Department Total	**11,054.9**	**5,481.7**	**15,415.3**	**20,897.0**	**18,996.6**	**3,256.1**	**1,500.0**	**1,500.0**	**46,149.7**	**-**	**57,204.6**
Source of Funds Summary											
2000 General Obligation Bond Funds	2,781.7	1,166.7	101.0	**1,267.7**	1,004.7	-	-	-	**2,272.4**	-	5,054.1
Capital Agreement Fund: Pima County Bonds	5,204.0	1,980.8	12,309.5	**14,290.3**	8,928.7	3,256.1	1,500.0	1,500.0	**29,475.1**	-	34,679.1
Capital Improvement Fund	537.4	287.6	-	**287.6**	4,150.0	-	-	-	**4,437.6**	-	4,975.0
Civic Contributions Fund	60.0	-	43.5	**43.5**	-	-	-	-	**43.5**	-	103.5
Community Development Block Grant Fund	-	-	1,798.0	**1,798.0**	-	-	-	-	**1,798.0**	-	1,798.0
Future Bond Issuances	-	-	-	**-**	4,198.4	-	-	-	**4,198.4**	-	4,198.4
General Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
General Fund: Restricted Revenues	126.0	22.9	46.1	**69.0**	-	-	-	-	**69.0**	-	195.0
Miscellaneous Non-Federal Grants	147.7	-	-	**-**	-	-	-	-	**-**	-	147.7
Regional Transportation Authority Fund	510.0	490.0	-	**490.0**	-	-	-	-	**490.0**	-	1,000.0
Road & Park Impact Fee Fund: Central District	344.0	270.6	259.7	**530.3**	-	-	-	-	**530.3**	-	874.3
Road & Park Impact Fee Fund: East District	216.9	366.8	248.0	**614.8**	63.8	-	-	-	**678.6**	-	895.5
Road & Park Impact Fee Fund: Southeast District	374.3	350.3	325.4	**675.7**	-	-	-	-	**675.7**	-	1,050.0
Road & Park Impact Fee Fund: Southlands District	259.1	412.3	180.1	**592.4**	565.0	-	-	-	**1,157.4**	-	1,416.5
Road & Park Impact Fee Fund: West District	492.5	133.7	104.0	**237.7**	86.0	-	-	-	**323.7**	-	816.2
Department Total	**11,054.9**	**5,481.7**	**15,415.3**	**20,897.0**	**18,996.6**	**3,256.1**	**1,500.0**	**1,500.0**	**46,149.7**	**-**	**57,204.6**

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
A Mountain Improvement											
General Fund: Restricted Revenues	126.0	22.9	46.1	**69.0**	-	-	-	-	**69.0**	-	195.0
	126.0	**22.9**	**46.1**	**69.0**	**-**	**-**	**-**	**-**	**69.0**	**-**	**195.0**
Alamo Wash Trail											
2000 General Obligation Bond Funds	117.8	100.0	76.0	**176.0**	-	-	-	-	**176.0**	-	293.8
	117.8	**100.0**	**76.0**	**176.0**	**-**	**-**	**-**	**-**	**176.0**	**-**	**293.8**
Arcadia Park, Phase I											
Road & Park Impact Fee Fund: East District	200.0	236.2	-	**236.2**	63.8	-	-	-	**300.0**	-	500.0
	200.0	**236.2**	**-**	**236.2**	**63.8**	**-**	**-**	**-**	**300.0**	**-**	**500.0**
Arroyo Chico Urban Path: Campbell/Parkway											
Capital Agreement Fund: Pima County Bonds	250.0	40.0	460.0	**500.0**	225.0	-	-	-	**725.0**	-	975.0
	250.0	**40.0**	**460.0**	**500.0**	**225.0**	**-**	**-**	**-**	**725.0**	**-**	**975.0**
Arroyo Chico Urban Pathway											
Regional Transportation Authority Fund	510.0	490.0	-	**490.0**	-	-	-	-	**490.0**	-	1,000.0
Road & Park Impact Fee Fund: Central District	200.0	-	189.8	**189.8**	-	-	-	-	**189.8**	-	389.8
	710.0	**490.0**	**189.8**	**679.8**	**-**	**-**	**-**	**-**	**679.8**	**-**	**1,389.8**
Atterbury Wash Sanctuary Expansion											
Capital Agreement Fund: Pima County Bonds	375.0	140.0	496.0	**636.0**	159.0	-	-	-	**795.0**	-	1,170.0
	375.0	**140.0**	**496.0**	**636.0**	**159.0**	**-**	**-**	**-**	**795.0**	**-**	**1,170.0**
Catalina Park Integrated Play Area											
Capital Agreement Fund: Pima County Bonds	100.0	-	376.2	**376.2**	-	-	-	-	**376.2**	-	476.2
	100.0	**-**	**376.2**	**376.2**	**-**	**-**	**-**	**-**	**376.2**	**-**	**476.2**
Cherry Avenue Center Expansion, Phase I											
Road & Park Impact Fee Fund: West District	140.2	-	-	**-**	86.0	-	-	-	**86.0**	-	226.2
	140.2	**-**	**-**	**-**	**86.0**	**-**	**-**	**-**	**86.0**	**-**	**226.2**

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Clements Senior Center Recreation Facility											
2000 General Obligation Bond Funds	362.8	500.0	-	**500.0**	637.2	-	-	-	**1,137.2**	-	1,500.0
	362.8	**500.0**	**-**	**500.0**	**637.2**	**-**	**-**	**-**	**1,137.2**	**-**	**1,500.0**
El Pueblo Center Expansion, Phase I											
2000 General Obligation Bond Funds	10.0	-	-	**-**	-	-	-	-	**-**	-	10.0
Road & Park Impact Fee Fund: West District	96.0	-	104.0	**104.0**	-	-	-	-	**104.0**	-	200.0
	106.0	**-**	**104.0**	**104.0**	**-**	**-**	**-**	**-**	**104.0**	**-**	**210.0**
General Instruments Site Improvements											
2000 General Obligation Bond Funds	9.3	-	-	**-**	190.7	-	-	-	**190.7**	-	200.0
	9.3	**-**	**-**	**-**	**190.7**	**-**	**-**	**-**	**190.7**	**-**	**200.0**
Grijalva School Park											
2000 General Obligation Bond Funds	989.7	44.6	-	**44.6**	-	-	-	-	**44.6**	-	1,034.3
Capital Agreement Fund: Pima County Bonds	75.8	74.2	-	**74.2**	-	-	-	-	**74.2**	-	150.0
	1,065.5	**118.8**	**-**	**118.8**	**-**	**-**	**-**	**-**	**118.8**	**-**	**1,184.3**
Herrera Quiroz (Oury) Park											
Capital Agreement Fund: Pima County Bonds	350.0	45.0	-	**45.0**	-	-	-	-	**45.0**	-	395.0
	350.0	**45.0**	**-**	**45.0**	**-**	**-**	**-**	**-**	**45.0**	**-**	**395.0**
Juhan Park Expansion											
Capital Agreement Fund: Pima County Bonds	131.0	-	-	**-**	-	-	-	-	**-**	-	131.0
Miscellaneous Non-Federal Grants	147.7	-	-	**-**	-	-	-	-	**-**	-	147.7
Road & Park Impact Fee Fund: West District	256.3	133.7	-	**133.7**	-	-	-	-	**133.7**	-	390.0
	535.0	**133.7**	**-**	**133.7**	**-**	**-**	**-**	**-**	**133.7**	**-**	**668.7**
Julian Wash Linear Park											
Capital Agreement Fund: Pima County Bonds	1,880.0	669.0	1,058.5	**1,727.5**	-	-	-	-	**1,727.5**	-	3,607.5
	1,880.0	**669.0**	**1,058.5**	**1,727.5**	**-**	**-**	**-**	**-**	**1,727.5**	**-**	**3,607.5**

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Lincoln Park Area Maintenance Compound											
2000 General Obligation Bond Funds	50.3	-	-	**-**	176.8	-	-	-	**176.8**	-	227.1
Future Bond Issuances	-	-	-	**-**	448.4	-	-	-	**448.4**	-	448.4
	50.3	**-**	**-**	**-**	**625.2**	**-**	**-**	**-**	**625.2**	**-**	**675.5**
Lincoln Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	309.2	310.0	2,293.3	**2,603.3**	500.0	-	-	-	**3,103.3**	-	3,412.5
General Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
	310.5	**310.0**	**2,293.3**	**2,603.3**	**500.0**	**-**	**-**	**-**	**3,103.3**	**-**	**3,413.8**
Mendoza Memorial Park											
Capital Agreement Fund: Pima County Bonds	75.0	-	-	**-**	-	-	-	-	**-**	-	75.0
Civic Contributions Fund	60.0	-	43.5	**43.5**	-	-	-	-	**43.5**	-	103.5
	135.0	**-**	**43.5**	**43.5**	**-**	**-**	**-**	**-**	**43.5**	**-**	**178.5**
Menlo Park Elementary Soccer Improvements											
Capital Agreement Fund: Pima County Bonds	-	-	828.7	**828.7**	-	-	-	-	**828.7**	-	828.7
	-	**-**	**828.7**	**828.7**	**-**	**-**	**-**	**-**	**828.7**	**-**	**828.7**
Menlo Park Improvements											
Capital Agreement Fund: Pima County Bonds	-	-	304.0	**304.0**	-	-	-	-	**304.0**	-	304.0
	-	**-**	**304.0**	**304.0**	**-**	**-**	**-**	**-**	**304.0**	**-**	**304.0**
Navajo Wash Trail											
2000 General Obligation Bond Funds	50.7	150.0	-	**150.0**	-	-	-	-	**150.0**	-	200.7
	50.7	**150.0**	**-**	**150.0**	**-**	**-**	**-**	**-**	**150.0**	**-**	**200.7**
New Comfort Stations											
2000 General Obligation Bond Funds	886.1	167.1	-	**167.1**	-	-	-	-	**167.1**	-	1,053.2
	886.1	**167.1**	**-**	**167.1**	**-**	**-**	**-**	**-**	**167.1**	**-**	**1,053.2**

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Northside Recreation Center											
Capital Agreement Fund: Pima County Bonds	273.0	353.6	46.4	**400.0**	4,589.5	100.0	-	-	**5,089.5**	-	5,362.5
	273.0	**353.6**	**46.4**	**400.0**	**4,589.5**	**100.0**	**-**	**-**	**5,089.5**	**-**	**5,362.5**
Ormsby Park Expansion Plan											
Road & Park Impact Fee Fund: Central District	30.1	-	69.9	**69.9**	-	-	-	-	**69.9**	-	100.0
	30.1	**-**	**69.9**	**69.9**	**-**	**-**	**-**	**-**	**69.9**	**-**	**100.0**
Park Safety Improvements and Enhancements											
Community Development Block Grant Fund	-	-	1,798.0	**1,798.0**	-	-	-	-	**1,798.0**	-	1,798.0
	-	**-**	**1,798.0**	**1,798.0**	**-**	**-**	**-**	**-**	**1,798.0**	**-**	**1,798.0**
Pima County Bond Project Capacity											
Capital Agreement Fund: Pima County Bonds	-	-	1,500.0	**1,500.0**	1,500.0	1,500.0	1,500.0	1,500.0	**7,500.0**	-	7,500.0
	-	**-**	**1,500.0**	**1,500.0**	**1,500.0**	**1,500.0**	**1,500.0**	**1,500.0**	**7,500.0**	**-**	**7,500.0**
Purple Heart Park Expansion											
Road & Park Impact Fee Fund: Southeast District	274.3	200.3	325.4	**525.7**	-	-	-	-	**525.7**	-	800.0
	274.3	**200.3**	**325.4**	**525.7**	**-**	**-**	**-**	**-**	**525.7**	**-**	**800.0**
Reid Park Expansion, Phase 1											
2000 General Obligation Bond Funds	28.0	-	-	**-**	-	-	-	-	**-**	-	28.0
Road & Park Impact Fee Fund: Central District	113.9	270.6	-	**270.6**	-	-	-	-	**270.6**	-	384.5
	141.9	**270.6**	**-**	**270.6**	**-**	**-**	**-**	**-**	**270.6**	**-**	**412.5**
Reuse of Landfill Areas											
2000 General Obligation Bond Funds	57.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	207.0
	57.0	**150.0**	**-**	**150.0**	**-**	**-**	**-**	**-**	**150.0**	**-**	**207.0**
Rio Vista Park Expansion											
Capital Agreement Fund: Pima County Bonds	1,262.5	200.0	-	**200.0**	-	-	-	-	**200.0**	-	1,462.5
	1,262.5	**200.0**	**-**	**200.0**	**-**	**-**	**-**	**-**	**200.0**	**-**	**1,462.5**

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Robb Wash Trail											
2000 General Obligation Bond Funds	20.0	30.0	25.0	**55.0**	-	-	-	-	**55.0**	-	75.0
	20.0	**30.0**	**25.0**	**55.0**	**-**	**-**	**-**	**-**	**55.0**	**-**	**75.0**
South Central Community Park, Phase I											
Road & Park Impact Fee Fund: East District	16.9	130.6	248.0	**378.6**	-	-	-	-	**378.6**	-	395.5
Road & Park Impact Fee Fund: Southeast District	100.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	250.0
	116.9	**280.6**	**248.0**	**528.6**	**-**	**-**	**-**	**-**	**528.6**	**-**	**645.5**
Southeast Community Park											
Capital Agreement Fund: Pima County Bonds	7.7	-	2,231.0	**2,231.0**	1,955.2	1,656.1	-	-	**5,842.3**	-	5,850.0
	7.7	**-**	**2,231.0**	**2,231.0**	**1,955.2**	**1,656.1**	**-**	**-**	**5,842.3**	**-**	**5,850.0**
Toumey Park											
Capital Agreement Fund: Pima County Bonds	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	212.0
	-	**-**	**212.0**	**212.0**	**-**	**-**	**-**	**-**	**212.0**	**-**	**212.0**
Trail System Master Plan											
2000 General Obligation Bond Funds	200.0	25.0	-	**25.0**	-	-	-	-	**25.0**	-	225.0
	200.0	**25.0**	**-**	**25.0**	**-**	**-**	**-**	**-**	**25.0**	**-**	**225.0**
Udall Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	114.8	149.0	2,171.4	**2,320.4**	-	-	-	-	**2,320.4**	-	2,435.2
	114.8	**149.0**	**2,171.4**	**2,320.4**	**-**	**-**	**-**	**-**	**2,320.4**	**-**	**2,435.2**
Valencia Corridor Facilities Plan											
Road & Park Impact Fee Fund: Southlands District	114.1	50.0	85.9	**135.9**	-	-	-	-	**135.9**	-	250.0
	114.1	**50.0**	**85.9**	**135.9**	**-**	**-**	**-**	**-**	**135.9**	**-**	**250.0**
Valencia Corridor Land Acquisition, Phase I											
Road & Park Impact Fee Fund: Southlands District	25.0	276.5	-	**276.5**	565.0	-	-	-	**841.5**	-	866.5
	25.0	**276.5**	**-**	**276.5**	**565.0**	**-**	**-**	**-**	**841.5**	**-**	**866.5**

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Valencia and Alvernon Community Park, Phase I											
Road & Park Impact Fee Fund: Southlands District	120.0	85.8	94.2	**180.0**	-	-	-	-	**180.0**	-	300.0
	120.0	**85.8**	**94.2**	**180.0**	**-**	**-**	**-**	**-**	**180.0**	**-**	**300.0**
Verdugo Park (Barrio Kroeger Lane)											
Capital Agreement Fund: Pima County Bonds	-	-	120.0	**120.0**	-	-	-	-	**120.0**	-	120.0
	-	**-**	**120.0**	**120.0**	**-**	**-**	**-**	**-**	**120.0**	**-**	**120.0**
Wakefield/St. John's Skate Facility											
Capital Agreement Fund: Pima County Bonds	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	212.0
	-	**-**	**212.0**	**212.0**	**-**	**-**	**-**	**-**	**212.0**	**-**	**212.0**
Program Area Total	**10,517.5**	**5,194.1**	**15,415.3**	**20,609.4**	**11,096.6**	**3,256.1**	**1,500.0**	**1,500.0**	**37,962.1**	**-**	**48,479.6**

Source of Funds Summary											
2000 General Obligation Bond Funds	2,781.7	1,166.7	101.0	**1,267.7**	1,004.7	-	-	-	**2,272.4**	-	5,054.1
Capital Agreement Fund: Pima County Bonds	5,204.0	1,980.8	12,309.5	**14,290.3**	8,928.7	3,256.1	1,500.0	1,500.0	**29,475.1**	-	34,679.1
Civic Contributions Fund	60.0	-	43.5	**43.5**	-	-	-	-	**43.5**	-	103.5
Community Development Block Grant Fund	-	-	1,798.0	**1,798.0**	-	-	-	-	**1,798.0**	-	1,798.0
Future Bond Issuances	-	-	-	**-**	448.4	-	-	-	**448.4**	-	448.4
General Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
General Fund: Restricted Revenues	126.0	22.9	46.1	**69.0**	-	-	-	-	**69.0**	-	195.0
Miscellaneous Non-Federal Grants	147.7	-	-	**-**	-	-	-	-	**-**	-	147.7
Regional Transportation Authority Fund	510.0	490.0	-	**490.0**	-	-	-	-	**490.0**	-	1,000.0
Road & Park Impact Fee Fund: Central District	344.0	270.6	259.7	**530.3**	-	-	-	-	**530.3**	-	874.3
Road & Park Impact Fee Fund: East District	216.9	366.8	248.0	**614.8**	63.8	-	-	-	**678.6**	-	895.5
Road & Park Impact Fee Fund: Southeast District	374.3	350.3	325.4	**675.7**	-	-	-	-	**675.7**	-	1,050.0
Road & Park Impact Fee Fund: Southlands District	259.1	412.3	180.1	**592.4**	565.0	-	-	-	**1,157.4**	-	1,416.5
Road & Park Impact Fee Fund: West District	492.5	133.7	104.0	**237.7**	86.0	-	-	-	**323.7**	-	816.2
Program Area Total	**10,517.5**	**5,194.1**	**15,415.3**	**20,609.4**	**11,096.6**	**3,256.1**	**1,500.0**	**1,500.0**	**37,962.1**	**-**	**48,479.6**

Parks and Recreation - Parks Development

($000)

A Mountain Improvement

Project ID: R990
Start Date: 12/07
End Date: 10/09
Location: Ward 1

Description:
Develop a master plan, design, and construct Americans with Disabilities Act (ADA) and safety improvements to public facilities in A Mountain Park.

Justification:
A Mountain Park has regional significance, and this project will benefit and address the community's need for open space, passive recreation, and natural/historic resource preservation and interpretation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
General Fund: Restricted Revenues	126.0	22.9	46.1	**69.0**	-	-	-	-	**69.0**	-	**195.0**
Total	126.0	22.9	46.1	**69.0**	-	-	-	-	**69.0**	-	**195.0**

Alamo Wash Trail

Project ID: R94D
Start Date: 7/08
End Date: 10/09
Location: Ward 6

Description:
Acquire land, plan, and design a new linear park along Alamo Wash. Construction will be dependent on funding availability and land costs.

Justification:
Development of these improvements will address the community's need for connectivity and a more complete urban trail system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	117.8	100.0	76.0	**176.0**	-	-	-	-	**176.0**	-	**293.8**
Total	117.8	100.0	76.0	**176.0**	-	-	-	-	**176.0**	-	**293.8**

Parks and Recreation - Parks Development

($000)

Arcadia Park, Phase I

Project ID: RM01
Start Date: 7/07
End Date: 6/11
Location: Ward 6

Description:
Acquire land, plan, design, and construct the initial phase of a new park. Arcadia Park will link two small existing parks and create a greenway along the Arcadia Wash. This project is part of a multi-phase development; future phases are contingent upon future city and/or county bonds or other revenues.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: East District	200.0	236.2	-	**236.2**	63.8	-	-	-	**300.0**	-	**500.0**
Total	200.0	236.2	-	**236.2**	63.8	-	-	-	**300.0**	-	**500.0**

Arroyo Chico Urban Path: Campbell/Parkway

Project ID: RP1B
Start Date: 7/08
End Date: 6/11
Location: Wards 5 and 6

Description:
Design and acquire land for a trail system connecting Campbell Avenue and Country Club. An intergovernmental agreement with Pima County was approved in April 2007. Construction of this segment is contingent upon funding availability. The original Pima County 2004 bond allocation of $1 million has been reduced by $25,000 for estimated Pima County administrative charges.

Justification:
Development of these improvements will address the community's need for connectivity and a more complete urban pathway system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	250.0	40.0	460.0	**500.0**	225.0	-	-	-	**725.0**	-	**975.0**
Total	250.0	40.0	460.0	**500.0**	225.0	-	-	-	**725.0**	-	**975.0**

Parks and Recreation - Parks Development

($000)

Arroyo Chico Urban Pathway

Project ID: RP01
Start Date: 7/07
End Date: 6/10
Location: Ward 6

Description:
Design and construct a trail system connecting downtown Tucson with Reid Park.

Justification:
Development of these improvements will address the community's need for connectivity and a more complete urban pathway system. This project is identified in the City of Tucson Parks and Recreation Strategic Service Plan and the Eastern Pima County Trails System Master Plan.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	510.0	490.0	-	**490.0**	-	-	-	-	**490.0**	-	**1,000.0**
Road & Park Impact Fee Fund: Central District	200.0	-	189.8	**189.8**	-	-	-	-	**189.8**	-	**389.8**
Total	710.0	490.0	189.8	**679.8**	-	-	-	-	**679.8**	-	**1,389.8**

Atterbury Wash Sanctuary Expansion

Project ID: RP02
Start Date: 10/07
End Date: 12/10
Location: Ward 4

Description:
Plan, design, and construct an expansion of the existing trail system in Lincoln Park and passive recreation amenities along the wash. An intergovernmental agreement with Pima County was approved in March 2007. The original Pima County 2004 bond allocation of $2 million has been reduced by $30,000 for estimated Pima County administrative charges. An amendment to the County Bond Ordinance reduced the budget by $800,000, since land acquisition was not required. The $800,000 was reallocated to the Pantano River project administered by Pima County.

Justification:
This project, which is identified in the City of Tucson Parks and Recreation Strategic Service Plan and the Eastern Pima County Trail System Master Plan, will preserve an important wildlife corridor and riparian area.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	375.0	140.0	496.0	**636.0**	159.0	-	-	-	**795.0**	-	**1,170.0**
Total	375.0	140.0	496.0	**636.0**	159.0	-	-	-	**795.0**	-	**1,170.0**

Parks and Recreation - Parks Development

($000)

Catalina Park Integrated Play Area

Project ID: R100
Start Date: 7/08
End Date: 8/09
Location: Ward 3

Description:
Design and construct improvements to Catalina Park including a splash pad, new play structure, a shaded seating and observation area, ADA (Americans with Disabilities Act) access improvements, and unified hardscape and landscaping.

Justification:
This park is used by many groups, but is under utilized by local residents. A revitalized park would provide a safe, pleasant space for families and organizations.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	100.0	-	376.2	**376.2**	-	-	-	-	**376.2**	-	**476.2**
Total	100.0	-	376.2	**376.2**	-	-	-	-	**376.2**	-	**476.2**

Cherry Avenue Center Expansion, Phase I

Project ID: RM02
Start Date: 7/07
End Date: 7/10
Location: Ward 5

Description:
Design improvements based on the center's master plan. Construction is contingent upon future bonds or other revenues.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: West District	140.2	-	-	**-**	86.0	-	-	-	**86.0**	-	**226.2**
Total	140.2	-	-	**-**	86.0	-	-	-	**86.0**	-	**226.2**

Parks and Recreation - Parks Development

($000)

Clements Senior Center Recreation Facility

Project ID: R921
Start Date: 7/07
End Date: 7/11
Location: Ward 4

Description:
Develop a master plan, and design the initial phase of a new senior center recreation facility on the city's eastside. Formerly titled "Eastside Senior Center Recreation Facility," this project will be built at Clements Center. A search for a suitable site determined that the location in Lincoln Park will provide the greatest benefit to seniors on the city's eastside. Construction of this project is contingent upon additional funding sources.

Justification:
This project will expand senior recreational and social services in an area of high demand.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	362.8	500.0	-	**500.0**	637.2	-	-	-	**1,137.2**	-	**1,500.0**
Total	362.8	500.0	-	**500.0**	637.2	-	-	-	**1,137.2**	-	**1,500.0**

El Pueblo Center Expansion, Phase I

Project ID: RM04
Start Date: 7/07
End Date: 8/09
Location: Ward 5

Description:
Design improvements based on the center's master plan. Construction is contingent upon future bonds or other revenues.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	10.0	-	-	**-**	-	-	-	-	**-**	-	**10.0**
Road & Park Impact Fee Fund: West District	96.0	-	104.0	**104.0**	-	-	-	-	**104.0**	-	**200.0**
Total	106.0	-	104.0	**104.0**	-	-	-	-	**104.0**	-	**210.0**

Parks and Recreation - Parks Development

($000)

General Instruments Site Improvements

Project ID: R032
Start Date: 7/06
End Date: 6/11
Location: Ward 1

Description:
Design and construct a passive natural resource park area adjacent to Anklam Wash on the city's westside. Project requires additional funding of $1 million to complete environmental remediation of the site.

Justification:
This project will provide natural resource park areas adjacent to neighborhoods and will allow for connectivity to other park areas.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	9.3	-	-	**-**	190.7	-	-	-	**190.7**	-	**200.0**
Total	9.3	-	-	**-**	190.7	-	-	-	**190.7**	-	**200.0**

Grijalva School Park

Project ID: R984
Start Date: 7/07
End Date: 8/09
Location: Ward 1

Description:
Design and construct a school park in partnership with Midvale Neighborhood, Tucson Unified School District (TUSD), and Pima County. The Pima County bond funds are specifically targeted for the design and construction of a children's playground. An intergovermental agreement with Pima County was approved in August 2007.

Justification:
Currently, there is a shortage of parks and recreation facilities in this part of the community. This project is a collaborative effort to address the shortage.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	989.7	44.6	-	**44.6**	-	-	-	-	**44.6**	-	**1,034.3**
Capital Agreement Fund: Pima County Bonds	75.8	74.2	-	**74.2**	-	-	-	-	**74.2**	-	**150.0**
Total	1,065.5	118.8	-	**118.8**	-	-	-	-	**118.8**	-	**1,184.3**

Parks and Recreation - Parks Development

($000)

Herrera Quiroz (Oury) Park

Project ID: R996
Start Date: 1/07
End Date: 10/09
Location: Ward 1

Description:
Design and construct a lighted, double basketball court with a cover, a concrete viewing stage, and bleachers. An intergovernmental agreement with Pima County was approved January 2007.

Justification:
The new lighted court will allow for extended play into the evening hours and will provide space for tournaments, festivals, and other special events.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	350.0	45.0	-	**45.0**	-	-	-	-	**45.0**	-	**395.0**
Total	350.0	45.0	-	**45.0**	-	-	-	-	**45.0**	-	**395.0**

Juhan Park Expansion

Project ID: RM05
Start Date: 7/07
End Date: 7/09
Location: Ward 1

Description:
Design and begin construction of improvements based on the park's master plan. Additional funds are being sought by the softball league for development of fields, lights, and a snackbar. An intergovernmental agreement with Pima County was approved in April 2009. Completion of this project will be contingent upon future grant funding.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	131.0	-	-	**-**	-	-	-	-	**-**	-	**131.0**
Miscellaneous Non-Federal Grants	147.7	-	-	**-**	-	-	-	-	**-**	-	**147.7**
Road & Park Impact Fee Fund: West District	256.3	133.7	-	**133.7**	-	-	-	-	**133.7**	-	**390.0**
Total	535.0	133.7	-	**133.7**	-	-	-	-	**133.7**	-	**668.7**

Parks and Recreation - Parks Development

($000)

Julian Wash Linear Park

Project ID: RP05
Start Date: 12/06
End Date: 6/10
Location: Wards 1, 4, and 5

Description:
Acquire land and develop segments of the linear park based on the City/County Divided Urban Pathway Standard. An intergovernmental agreement with Pima County was approved in August 2006. The original Pima County 2004 bond allocation of $3.7 million has been reduced by $92,500 for estimated Pima County administrative charges.

Justification:
This project is identified in the City of Tucson Parks and Recreation Strategic Service Plan and the Eastern Pima County Trails System Master Plan. The project will provide a pathway system that connects parks, schools, open space, and neighborhoods.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	1,880.0	669.0	1,058.5	**1,727.5**	-	-	-	-	**1,727.5**	-	**3,607.5**
Total	1,880.0	669.0	1,058.5	**1,727.5**	-	-	-	-	**1,727.5**	-	**3,607.5**

Lincoln Park Area Maintenance Compound

Project ID: R997
Start Date: 7/09
End Date: 6/11
Location: Ward 4

Description:
Design and construct a maintenance compound to replace one eliminated as part of the William Clements Center expansion. Construction of this project is contingent upon future bond revenue.

Justification:
This facility is needed to house the maintenance equipment that staff needs to maintain this regional facility.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	50.3	-	-	**-**	176.8	-	-	-	**176.8**	-	**227.1**
Future Bond Issuances	-	-	-	**-**	448.4	-	-	-	**448.4**	-	**448.4**
Total	50.3	-	-	**-**	625.2	-	-	-	**625.2**	-	**675.5**

Parks and Recreation - Parks Development

($000)

Lincoln Park Sport Fields

Project ID: RP12
Start Date: 7/07
End Date: 12/10
Location: Ward 4

Description:
Design and construct a 4-field lighted softball complex, including a comfort station and concession building, picnic facilities, parking, and other associated amenities. The original Pima County 2004 bond allocation of $3.5 million has been reduced by $87,500 for Pima County administrative charges.

Justification:
Currently, there is a considerable shortage of sport fields on the eastside of Tucson. This project will provide much needed softball fields and associated amenities.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	309.2	310.0	2,293.3	**2,603.3**	500.0	-	-	-	**3,103.3**	-	**3,412.5**
General Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	**1.3**
Total	310.5	310.0	2,293.3	**2,603.3**	500.0	-	-	-	**3,103.3**	-	**3,413.8**

Mendoza Memorial Park

Project ID: R983
Start Date: 3/07
End Date: 8/09
Location: Ward 6

Description:
Design and construct a neighborhood memorial pocket park at the northwest corner of 18th Street and Convent in Barrio Viejo. The Barrio Viejo Neighborhood Association, in conjunction with the City of Tucson Housing and Community Development Department, had a study and concept plan for a neighborhood memorial park prepared in 2003. An intergovernmental agreement with Pima County for the use of Neighborhood Reinvestment Program funds was approved December 2007.

Justification:
This project provides much needed recreational facilities in this neighborhood and honors Diego and Orianda Mendoza.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	75.0	-	-	**-**	-	-	-	-	**-**	-	**75.0**
Civic Contributions Fund	60.0	-	43.5	**43.5**	-	-	-	-	**43.5**	-	**103.5**
Total	135.0	-	43.5	**43.5**	-	-	-	-	**43.5**	-	**178.5**

Parks and Recreation - Parks Development

($000)

Menlo Park Elementary Soccer Improvements

Project ID: R102
Start Date: 12/08
End Date: 12/09
Location: Ward 1

Description:
Design and construct one lighted soccer field and associated improvements to the existing irrigation system, fencing and parking lot. An intergovernmental agreement with Pima County was approved in September 2008. The Pima County 1997 bond allocation of $850,000 has been reduced by $21,250 for estimated Pima County administrative charges.

Justification:
Currently there is a shortage of playing fields in Tucson. This project is intended to address the need for sports fields on the westside of Tucson.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	828.7	**828.7**	-	-	-	-	**828.7**	-	**828.7**
Total	-	-	828.7	**828.7**	-	-	-	-	**828.7**	-	**828.7**

Menlo Park Improvements

Project ID: R101
Start Date: 3/08
End Date: 6/10
Location: Ward 1

Description:
Design and construct a portion of the facilities identified in the Menlo Park Master Plan developed by Parks and Recreation staff and approved by the Menlo Park Neighborhood in April 2007. Facilities to be designed and constructed include a group ramada with picnic tables, seatwalls, and grill; a shade structure over the existing park playground; a shade structure in the swimming pool area; and an entry plaza at the corner of Grande Avenue and Fresno Street. An intergovernmental agreement with Pima County was approved in May 2009 for the use of Neighborhood Reinvestment Program funds.

Justification:
This project will provide park facilities for residents living in an area with a shortage of such facilities.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	304.0	**304.0**	-	-	-	-	**304.0**	-	**304.0**
Total	-	-	304.0	**304.0**	-	-	-	-	**304.0**	-	**304.0**

Parks and Recreation - Parks Development

($000)

Navajo Wash Trail

Project ID: R94E
Start Date: 7/08
End Date: 1/10
Location:

Description:
Acquire land, plan, and design the initial phase of a new linear park. Construction of the initial phase will be dependent on funding availability and land costs.

Justification:
Development of these improvements will address the community's need for connectivity and a more complete urban trail system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	50.7	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**200.7**
Total	50.7	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**200.7**

New Comfort Stations

Project ID: R036
Start Date: 7/00
End Date: 10/09
Location: Citywide

Description:
Design and construct comfort stations at various parks that meet Americans with Disabilities Act (ADA) standard's: final project is the Menlo Park Comfort Station.

Justification:
New comfort stations are needed at the identified parks due to their high activity levels and inadequate existing units.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	886.1	167.1	-	**167.1**	-	-	-	-	**167.1**	-	**1,053.2**
Total	886.1	167.1	-	**167.1**	-	-	-	-	**167.1**	-	**1,053.2**

Parks and Recreation - Parks Development

($000)

Northside Recreation Center

Project ID: RP06
Start Date: 9/06
End Date: 6/12
Location: Ward 3

Description:
Plan, design, and construct a recreation center to serve residents living in northwest Tucson. The design of the center will incorporate facilities and standards developed in the City of Tucson Parks and Recreation Strategic Service Plan. An intergovernmental agreement with Pima County was approved in April 2007. The original Pima County 2004 bond allocation of $5.5 million was reduced by $137,500 for Pima County administrative charges.

Justification:
This project will address the community's need for recreational facilities, in an area of the community with a shortage of such facilities, as identified by the City of Tucson Parks and Recreation Strategic Service Plan.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	273.0	353.6	46.4	**400.0**	4,589.5	100.0	-	-	**5,089.5**	-	**5,362.5**
Total	273.0	353.6	46.4	**400.0**	4,589.5	100.0	-	-	**5,089.5**	-	**5,362.5**

Ormsby Park Expansion Plan

Project ID: RM07
Start Date: 7/07
End Date: 12/09
Location: Ward 1

Description:
Develop a concept plan that will guide land acquisition, design, and construction of a multi-phase expansion of Ormsby Park, including an equestrian staging area and trail linkage to Santa Cruz River Park and Origins West area of Rio Nuevo. Design and construction are contingent upon future bonds and potential grants.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: Central District	30.1	-	69.9	**69.9**	-	-	-	-	**69.9**	-	**100.0**
Total	30.1	-	69.9	**69.9**	-	-	-	-	**69.9**	-	**100.0**

Parks and Recreation - Parks Development

($000)

Park Safety Improvements and Enhancements

Project ID: R148
Start Date: 7/09
End Date: 6/10
Location: Citywide

Description:
Design and construct sports field lighting systems and playground systems at various parks. This project is used as a program master project, with drawdown's made to specific projects.

Justification:
This project will address safety improvements by replacing existing wood pole sports field lighting systems with new and upgraded lighting systems and will also address safety and Americans with Disabilities Act (ADA) requirements with new and upgraded playground systems.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Community Development Block Grant Fund	-	-	1,798.0	**1,798.0**	-	-	-	-	**1,798.0**	-	**1,798.0**
Total	-	-	1,798.0	**1,798.0**	-	-	-	-	**1,798.0**	-	**1,798.0**

Pima County Bond Project Capacity

Project ID: RPOC
Start Date: 7/07
End Date: 6/14
Location: Citywide

Description:
Budget capacity for potential Pima County Bond and Neighborhood Reinvestment projects funded by the 1997 and 2004 Pima County Bond authorizations.

Justification:
These funds provide the City of Tucson the ability to manage the design, land acquisition, and construction of future Pima County Bond and Neighborhood Reinvestment projects within the city's jurisdiction.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	1,500.0	**1,500.0**	1,500.0	1,500.0	1,500.0	1,500.0	**7,500.0**	-	**7,500.0**
Total	-	-	1,500.0	**1,500.0**	1,500.0	1,500.0	1,500.0	1,500.0	**7,500.0**	-	**7,500.0**

Parks and Recreation - Parks Development

($000)

Purple Heart Park Expansion

Project ID: RM08
Start Date: 7/07
End Date: 1/10
Location: Ward 4

Description:
Design and begin construction of a little league baseball field and lighting, parking, and picnic amenities per the park's master plan. Completion of construction is dependent upon future impact fee allocations.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: Southeast District	274.3	200.3	325.4	**525.7**	-	-	-	-	**525.7**	-	**800.0**
Total	274.3	200.3	325.4	**525.7**	-	-	-	-	**525.7**	-	**800.0**

Reid Park Expansion, Phase 1

Project ID: RM09
Start Date: 7/07
End Date: 6/10
Location: Ward 6

Description:
Design and construct a grassy open space and large-event venue. This project is part of a multi-phase development. Future phases will include capacity-building improvements to Reid Park, expansion of the Adaptive Recreation Center (ARC), and improvements to Randolph Center that support and complement the ARC. Future phases are contingent upon future bonds and impact fee allocations.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	28.0	-	-	**-**	-	-	-	-	**-**	-	**28.0**
Road & Park Impact Fee Fund: Central District	113.9	270.6	-	**270.6**	-	-	-	-	**270.6**	-	**384.5**
Total	141.9	270.6	-	**270.6**	-	-	-	-	**270.6**	-	**412.5**

Parks and Recreation - Parks Development

($000)

Reuse of Landfill Areas

Project ID: R941
Start Date: 7/05
End Date: 6/10
Location: Citywide

Description:
Design and construct open space improvements to closed landfill sites. Funding in Fiscal Year 2010 will be used to plan the Sonoran Desert Park at the base of A Mountain.

Justification:
This project is needed to pursue the beneficial reuse of closed landfill areas for recreation and open space purposes.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	57.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**207.0**
Total	57.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**207.0**

Rio Vista Park Expansion

Project ID: RP09
Start Date: 1/06
End Date: 7/09
Location: Ward 3

Description:
Design and construct an expansion to the existing natural resource park located at the end of Tucson Boulevard, north of Prince Road. The expansion will include the restoration and revegetation of disturbed areas and passive recreational amenities. An intergovernmental agreement with Pima County was approved in February 2006. The original Pima County 2004 bond allocation of $1.5 million has been reduced by $37,500 for estimated Pima County administrative charges.

Justification:
This project will complete the park's master plan and provide leisure facilities identified through a public input process. It addresses community needs identified by the Parks and Recreation Strategic Service Plan.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	1,262.5	200.0	-	**200.0**	-	-	-	-	**200.0**	-	**1,462.5**
Total	1,262.5	200.0	-	**200.0**	-	-	-	-	**200.0**	-	**1,462.5**

Parks and Recreation - Parks Development

($000)

Robb Wash Trail

Project ID: R94B
Start Date: 7/08
End Date: 12/09
Location: Ward 2

Description:
Design and construct a walking path, picnic site, and related site work along the west side of the Robb Wash north of Speedway Boulevard.

Justification:
Development of these improvements will address the community's need for connectivity and a more complete urban trail system.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
2000 General Obligation Bond Funds	20.0	30.0	25.0	**55.0**	-	-	-	-	**55.0**	-	**75.0**
Total	20.0	30.0	25.0	**55.0**	-	-	-	-	**55.0**	-	**75.0**

South Central Community Park, Phase I

Project ID: RM11
Start Date: 7/07
End Date: 6/10
Location: Wards 4 and 5

Description:
Plan, design, and construct the initial development of a new community park along the Valencia Road Corridor. This project is part of a multi-phase development. Future phases are contingent upon future bonds or other revenues.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Road & Park Impact Fee Fund: East District	16.9	130.6	248.0	**378.6**	-	-	-	-	**378.6**	-	**395.5**
Road & Park Impact Fee Fund: Southeast District	100.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**250.0**
Total	116.9	280.6	248.0	**528.6**	-	-	-	-	**528.6**	-	**645.5**

Parks and Recreation - Parks Development

($000)

Southeast Community Park

Project ID: RP10
Start Date: 3/08
End Date: 6/12
Location: Ward 4

Description:
Acquire land, plan, and design the first phase of a regional park anticipated to be located in the vicinity of the Esmond Station and adjacent to a new Vail School District high school in southeast Tucson. An intergovernmental agreement with Pima County was approved in February 2006. The original Pima County 2004 bond allocation of $6 million has been reduced by $150,000 for estimated Pima County administrative charges.

Justification:
This project will serve the rapidly growing Houghton Corridor Area. It will be a collaborative partnership between the city, county, and Vail School District to maximize resources to the benefit of the community served.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	7.7	-	2,231.0	**2,231.0**	1,955.2	1,656.1	-	-	**5,842.3**	-	**5,850.0**
Total	7.7	-	2,231.0	**2,231.0**	1,955.2	1,656.1	-	-	**5,842.3**	-	**5,850.0**

Toumey Park

Project ID: R104
Start Date: 12/08
End Date: 6/10
Location: Ward 6

Description:
Design and construct additional walkways inside the park as well as installation of a new swing set. An intergovernmental agreement with Pima County is still pending for the use of county bonds.

Justification:
Enhancements to the existing park will allow for increased usage of the park by the surrounding neighborhood.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	**212.0**
Total	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	**212.0**

Parks and Recreation - Parks Development

($000)

Trail System Master Plan

Project ID: R94A
Start Date: 10/07
End Date: 9/09
Location: Citywide

Description:
Update the Eastern Pima County Trails Master Plan with an emphasis on trail connections inside the urban area.

Justification:
This masterplan will address the community's need for connectivity and a more complete urban trail system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	200.0	25.0	-	**25.0**	-	-	-	-	**25.0**	-	**225.0**
Total	200.0	25.0	-	**25.0**	-	-	-	-	**25.0**	-	**225.0**

Udall Park Sport Fields

Project ID: RP13
Start Date: 7/07
End Date: 11/09
Location: Ward 2

Description:
Design and construct two lighted soccer fields, lighting for an existing soccer field, a comfort station, and associated parking. The search for a 50-acre site for the Eastside Sports Complex proved unsuccessful and has resulted in an amendment to the 2004 Pima County Bond Implementation Ordinance. That amendment creates two new projects to replace the original Eastside Sports Complex: this project and the Lincoln Park Sport Fields project. The original funding amount of $2.5 million is reduced by $25,219 for prior expenditures at the Eastside Complex and $39,596 for Pima County administrative charges.

Justification:
Currently, there is a considerable shortage of sport fields on the eastside on Tucson. This project will provide much needed soccer fields and associated amenities.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	114.8	149.0	2,171.4	**2,320.4**	-	-	-	-	**2,320.4**	-	**2,435.2**
Total	114.8	149.0	2,171.4	**2,320.4**	-	-	-	-	**2,320.4**	-	**2,435.2**

Parks and Recreation - Parks Development

($000)

Valencia and Alvernon Community Park, Phase I

Project ID: RM12
Start Date: 7/07
End Date: 9/09
Location: Ward 5

Description:
Plan and design the initial phase of a new community park in the vicinity of Valencia and Alvernon. Construction of this project is a proposed partnership between the Pima County Flood Control District and the city as a stormwater detention basin and park. This project is part of a multi-phase development. Future phases are contingent upon funding from future bonds or other revenues.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: Southlands District	120.0	85.8	94.2	**180.0**	-	-	-	-	**180.0**	-	**300.0**
Total	120.0	85.8	94.2	**180.0**	-	-	-	-	**180.0**	-	**300.0**

Valencia Corridor Facilities Plan

Project ID: RM14
Start Date: 7/07
End Date: 2/10
Location: Wards 4 and 5

Description:
Develop a park facilities master plan for the Valencia Road Corridor.

Justification:
This project is needed to address the demands placed on our parks and recreation system by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: Southlands District	114.1	50.0	85.9	**135.9**	-	-	-	-	**135.9**	-	**250.0**
Total	114.1	50.0	85.9	**135.9**	-	-	-	-	**135.9**	-	**250.0**

Parks and Recreation - Parks Development

($000)

Valencia Corridor Land Acquisition, Phase I

Project ID: RM13
Start Date: 7/07
End Date: 6/11
Location: Wards 4 and 5

Description:
Acquire land identified by the Valencia Corridor Parks and Recreation Facilities Plan. This project is part of a multi-phase development. Future acquisitions are contingent upon future revenues.

Justification:
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: Southlands District	25.0	276.5	-	**276.5**	565.0	-	-	-	**841.5**	-	**866.5**
Total	25.0	276.5	-	**276.5**	565.0	-	-	-	**841.5**	-	**866.5**

Verdugo Park (Barrio Kroeger Lane)

Project ID: R103
Start Date: 12/08
End Date: 8/09
Location: Ward 1

Description:
Design and construct one half-court basketball court, ramada, ADA accessibility to amenities, and passive water harvesting elements at Verdugo Park. An intergovernmental agreement with Pima County was approved in May 2009 for the use of county bonds.

Justification:
Enhancements to the existing park will allow for increased usage of the park by the surrounding neighborhood.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	120.0	**120.0**	-	-	-	-	**120.0**	-	**120.0**
Total	-	-	120.0	**120.0**	-	-	-	-	**120.0**	-	**120.0**

Parks and Recreation - Parks Development

($000)

Wakefield/St. John's Skate Facility

Project ID: R105

Start Date: 12/08
End Date: 12/10

Location: Ward 1

Description:
Design and construct a small modular skate facility as well as completion of approved athletic field improvements. An intergovernmental agreement with Pima County is pending for the use of county bonds.

Justification:
This project will increase capacity in our parks and recreation system and will allow for increased usage of the park by the surrounding neighborhood.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	**212.0**
Total	-	-	212.0	**212.0**	-	-	-	-	**212.0**	-	**212.0**

Parks and Recreation - Zoo Improvements

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Reid Park Zoo Africa Expansion-Elephant Exhibit											
Capital Improvement Fund	537.4	287.6	-	**287.6**	4,150.0	-	-	-	**4,437.6**	-	4,975.0
Future Bond Issuances	-	-	-	**-**	3,750.0	-	-	-	**3,750.0**	-	3,750.0
	537.4	**287.6**	**-**	**287.6**	**7,900.0**	**-**	**-**	**-**	**8,187.6**	**-**	**8,725.0**
Program Area Total	**537.4**	**287.6**	**-**	**287.6**	**7,900.0**	**-**	**-**	**-**	**8,187.6**	**-**	**8,725.0**
Source of Funds Summary											
Capital Improvement Fund	537.4	287.6	-	**287.6**	4,150.0	-	-	-	**4,437.6**	-	4,975.0
Future Bond Issuances	-	-	-	**-**	3,750.0	-	-	-	**3,750.0**	-	3,750.0
Program Area Total	**537.4**	**287.6**	**-**	**287.6**	**7,900.0**	**-**	**-**	**-**	**8,187.6**	**-**	**8,725.0**

Parks and Recreation - Zoo Improvements

($000)

Reid Park Zoo Africa Expansion-Elephant Exhibit

Project ID: R978

Start Date: 7/06

End Date: 6/11

Location: Ward 6

Description:
Design and construct a 7-acre expansion of the Reid Park Zoo as indicated in the master plan. This expansion will include connecting pathways from the current zoo footprint, restrooms, water fountains, and a 3-acre elephant exhibit and holding facility. This project is the initial development of the new area. This project is a joint effort between the City of Tucson and the Tucson Zoological Society.

Justification:
The current elephant exhibit no longer meets the standards of care that have been developed by the Association of Zoos and Aquariums. The expansion will provide the needed space to accommodate these animals and will be designed to allow for additional animal exhibits in the future. The ultimate purpose of the expansion is to provide enhanced opportunity for zoo visitors to learn about wildlife in a more natural setting.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Improvement Fund	537.4	287.6	-	**287.6**	4,150.0	-	-	-	**4,437.6**	-	**4,975.0**
Future Bond Issuances	-	-	-	**-**	3,750.0	-	-	-	**3,750.0**	-	**3,750.0**
Total	537.4	287.6	-	**287.6**	7,900.0	-	-	-	**8,187.6**	-	**8,725.0**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Police

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: Police **Five-Year Total:** $ 35,838,700

The Tucson Police Department's (TPD) Five-Year Capital Improvement Program (CIP) consists of a project to enhance the department's commitment in providing the community with quality forensic science and excellent service. The project will provide much needed space for staff by designing and constructing a new crime laboratory.

TPD's laboratory was one of the first municipal crime laboratories in the United States to gain national accreditation by the American Society of Crime Laboratory Directors-Laboratory Accreditation Board. The facility is a full-service accredited crime lab and offers analysis in 7 areas: Forensic Biology/DNA, Firearms and Tool Marks, Latent Prints, Drug Analysis, Toxicology (blood alcohol only), Trace Evidence (Arson/Explosives) and Computer Forensics.

The laboratory, currently located in the headquarters building, has insufficient space to efficiently analyze evidence obtained from crime scenes. This lack of space increases the potential of compromising evidence samples. Existing lab space is approximately half of the National Forensic Science Technology Center's recommendation. The center indicates that anything less than half of its recommendation is detrimental to effective analysis and significantly increases the risk of compromise. The new crime lab completion date is scheduled for Fiscal Year 2012.

The five-year CIP has a projected annual impact on the operating budget of $150,000 in Fiscal Year 2012 and increases to $162,200 by Fiscal Year 2014.

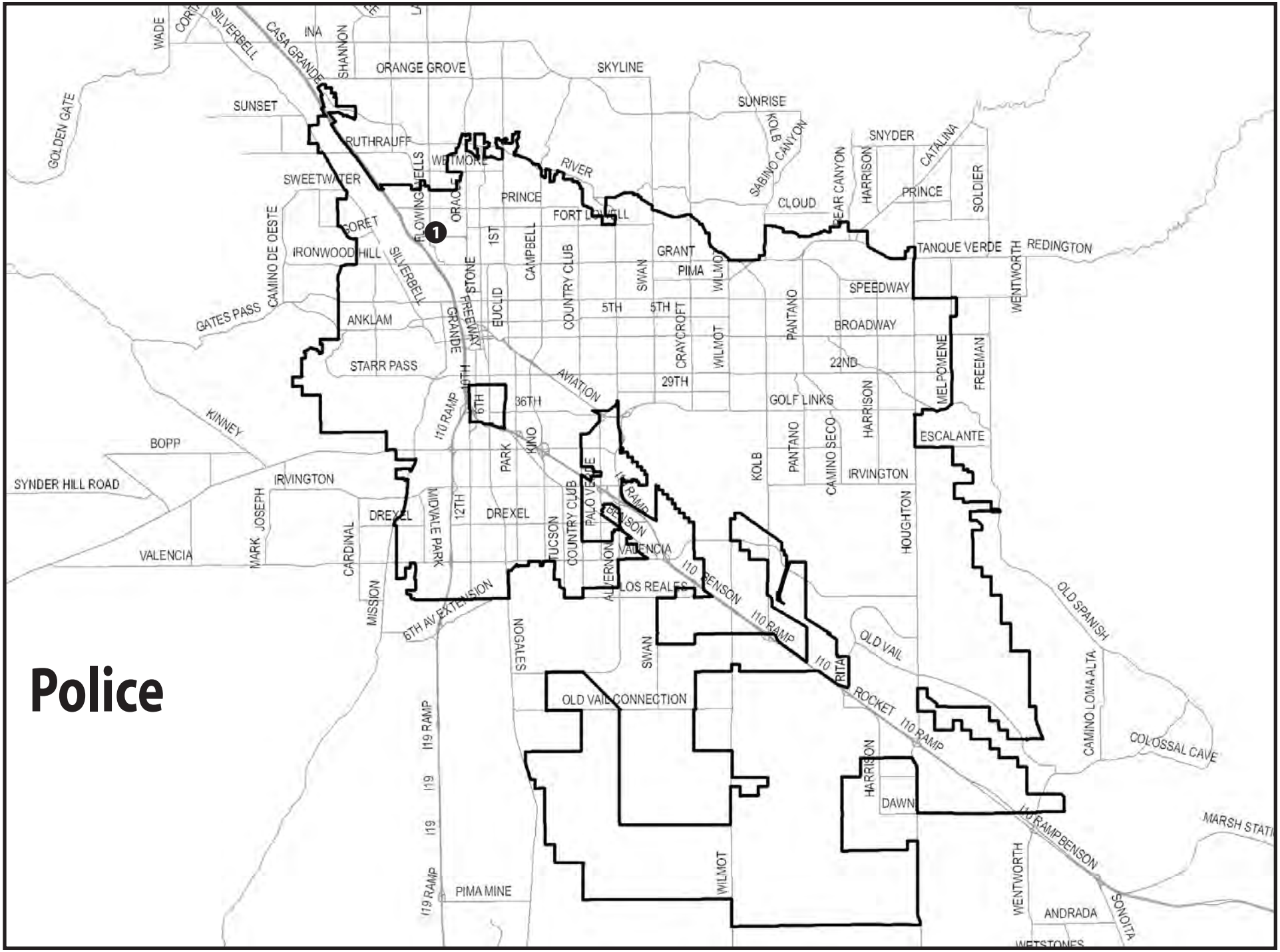
Police: CIP Impact on the Operating Budget

When the following projects in this CIP are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

($000)

Project Name	Year 1 FY 2010	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total
Crime Lab	-	-	150.0	156.0	162.2	**468.2**
Total	**-**	**-**	**150.0**	**156.0**	**162.2**	**468.2**

Source of Funds Summary						
General Fund	-	-	150.0	156.0	162.2	**468.2**
Total	**-**	**-**	**150.0**	**156.0**	**162.2**	**468.2**


Police
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WADE
SILVERBELL
CASA GRANDE
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SHANNON
ORANGE GROVE
SKYLINE
SUNSET
GOLDEN GATE
SUNRISE
KOLB
SABINO CANYON
SNYDER
CATALINA
RUTHRAUFF
WETMORE
RIVER
SWEETWATER
PRINCE
FORT LOWELL
CLOUD
BEAR CANYON
HARRISON
PRINCE
SOLDIER
CORET
FLOWING WELLS
ORACLE
1ST
CAMPBELL
COUNTRY CLUB
SWAN
GRANT
PIMA
WILMOT
TANQUE VERDE
REDINGTON
CAMINO DE OESTE
IRONWOOD HILL
SILVERBELL
STONE
EUCLID
5TH
5TH
CRAYCROFT
PANTANO
SPEEDWAY
WENTWORTH
GATES PASS
ANKLAM
GRANDE
FREEWAY
BROADWAY
STARR PASS
22ND
29TH
MELPOMENE
FREEMAN
AVIATION
10TH
6TH
36TH
GOLF LINKS
HARRISON
KINNEY
I10 RAMP
KINO
PARK
ESCALANTE
BOPP
PANTANO
CAMINO SECO
IRVINGTON
SYNDER HILL ROAD
IRVINGTON
KOLB
MIDVALE PARK
12TH
DREXEL
DREXEL
TUCSON
COUNTRY CLUB
PALO VERDE
I10 RAMP
BENSON
HOUGHTON
MARK JOSEPH
CARDINAL
VALENCIA
VALENCIA
ALVERNON
I10 BENSON
LOS REALES
OLD SPANISH
MISSION
6TH AV EXTENSION
NOGALES
I10 RAMP
OLD VAIL
SWAN
I10
RITA
ROCKET
I10 RAMP
OLD VAIL CONNECTION
CAMINO LOMA ALTA
COLOSSAL CAVE
I19 RAMP
I19
I19
HARRISON
DAWN
MARSH STATI
I10 RAMP BENSON
WILMOT
WENTWORTH
I19 RAMP
PIMA MINE
ANDRADA
SONOITA
WETSTONES

Map Legend

Police

Project Name	Year to be Completed
1. Crime Lab	FY 2012

Police

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Crime Lab											
Capital Improvement Fund	3,161.3	10,218.1	3,620.6	**13,838.7**	15,000.0	7,000.0	-	-	**35,838.7**	-	39,000.0
	3,161.3	**10,218.1**	**3,620.6**	**13,838.7**	**15,000.0**	**7,000.0**	**-**	**-**	**35,838.7**	**-**	**39,000.0**
Department Total	**3,161.3**	**10,218.1**	**3,620.6**	**13,838.7**	**15,000.0**	**7,000.0**	**-**	**-**	**35,838.7**	**-**	**39,000.0**

Source of Funds Summary											
Capital Improvement Fund	3,161.3	10,218.1	3,620.6	**13,838.7**	15,000.0	7,000.0	-	-	**35,838.7**	-	39,000.0
Department Total	**3,161.3**	**10,218.1**	**3,620.6**	**13,838.7**	**15,000.0**	**7,000.0**	**-**	**-**	**35,838.7**	**-**	**39,000.0**

Police

($000)

Crime Lab

Project ID: P012

Start Date: 1/08
End Date: 1/12

Location: Ward 3

Description:
Design and construct a new crime lab adjacent to the new Westside Police Service Center.

Justification:
The existing Crime Lab is too small and inadequate for operations currently being conducted at the lab. The existing lab space is approximately half of the National Forensics Science Technology Centers' recommendation. The center indicates that anything less than half of its recommendation is detrimental to effective analysis and significantly increases the risk of compromise.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Improvement Fund	3,161.3	10,218.1	3,620.6	**13,838.7**	15,000.0	7,000.0	-	-	**35,838.7**	-	**39,000.0**
Total	3,161.3	10,218.1	3,620.6	**13,838.7**	15,000.0	7,000.0	-	-	**35,838.7**	-	**39,000.0**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Transportation

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: Transportation **Five-Year Total:** $ 605,552,000

Transportation's Capital Improvement Program (CIP) of $605.5 million funds improvements for a multi-modal transportation system and infrastructure designed to attract industry and protect neighborhoods. The program is divided into five areas: Streets, Drainage, Street Lighting, Traffic Signals, and Public Transit. Regional Transportation Authority (RTA) supported projects are included in the Streets, Traffic Signals, and Public Transit elements.

Drainage. The Drainage Program of $26 million is primarily based on the Tucson Stormwater Management Study and emphasizes the protection of neighborhoods and naturally-vegetated watercourses. Projects are funded with general obligation bonds.

Public Transit. The Public Transit Program of $218.5 million replaces and upgrades Sun Tran and Van Tran fleet vehicles, constructs facilities to support transit operations, including Park-and-Ride facilities. This five-year CIP includes the following RTA funding: $85.3 million for the Modern Streetcar, $18.6 million for expansion buses, $9.7 million funding for the Sun Tran Maintenance Facility, $7.8 million for the Regional Seamless Fare System and Rebranding Program, and $5.1 million for park-and-ride lots. Economic stimulus grants of $ 16 million are included for the Bus Storage and Maintenance Facility. The rest of the Public Transit program is primarily funded with federal grants, which have local matches provided by the General Fund and RTA funds.

Street Lighting. The Street Lighting Program of $786,200 constructs street lighting and sidewalk improvements, converts overhead circuits to underground circuits, and upgrades existing conductors and poles. The Comprehensive Roadway Illumination Study serves as the basis for street lighting projects. Projects are funded from Pima County bonds and the City's general obligation bonds.

Streets. The Streets Program of $375.2 million will upgrade the arterial, collector, and residential transportation network, including streets, sidewalks, and bikeways, with the primary goal of maintaining an arterial street system that permits a safe and an unimpeded flow of traffic. The program is funded primarily from RTA funds, HURF revenues allocated by the Pima Association of Governments, federal grants, and Pima County bonds.

Traffic Signals. The Traffic Signals Program of $8.5 million constructs traffic signals, signal systems at schools, and pedestrian crossing improvements; upgrades the computerized traffic control system; and continues support for the state's Freeway Management System, deployment of Intelligent Transportation System, and the Regional Transportation Data Network. Projects are primarily funded with federal grants and RTA funds.

The impact of this five-year CIP on future operating budgets is estimated to be $3.0 million in Fiscal Year 2010, increasing to $22.2 million in Fiscal Year 2014. The significant increase in the operating impacts is due to expansion buses, the new Sun Tran Maintenance Facility, and the Modern Streetcar System. It is anticipated that these increases in operating expenses will be funded by the Regional Transportation Authority.

2000 General Obligation Bond Authorization
New and Deleted Projects in the FY 2010-2014 CIP
($000)

The Truth-in-Bonding Ordinance reads as follows: "That in any particular year, approved bond proceeds to be allocated to projects in accordance with the priority levels set forth in the City of Tucson's publicly adopted Five-Year Capital Improvements Funded Program (CIFP). Any change which results in the creation of new or cancellation of previously approved capital projects requires prior Mayor and Council approval at a Study Session or Regular Session open to the public, which will include a Public Hearing, and which shall be consistent with all other legal and management requirements, procedures, and controls."

The following table lists projects newly funded by the 2000 Bond Authorization and those projects that will no longer be funded with the 2000 Bond Authorization.

	Project Total
Newly Created 2000 Bond Project*	
Miscellaneous Drainage Improvements	$ 511.8
Newly Created Projects Total	**$ 511.8**

*Created to expend surplus from completed projects.

Impact Fee Projects Plan

New and Deleted Projects Adopted in the FY 2010-2014 CIP
($000)

The impact fee ordinance requires that the Impact Fee Projects Plan (IFPP) be included in the city's capital improvement program (CIP) and be reviewed annually. The projects currently in the IFPP were established by public hearing in March 2007.

The following table lists projects in this adopted CIP for deletion or addition to the IFPP. The approval for these revisions to the IFPP was part of the FY 2010 budget adoption public hearing. These projects will be added to the IFPP. However, programming and spending against the allocations is contingent upon the availability of impact fee revenue.

	Project Allocation	
Project allocations to be deleted		
Central District - Country Club: Ft. Lowell to Prince	$ 5,000.0	
Deleted Allocations Total	**$ 5,000.0**	
Project allocations to be added		**Year to be programmed***
Central District - 22nd Street: I-10 to Tucson	$ 3,000.0	FY 2011
Central District - Ft. Lowell & Campbell Intersection	150.0	FY 2011
Central District - Grant Road Corridor Improvements	6,000.0	Pending Revenue
East District - Speedway: Camino Seco to Houghton	3,000.0	FY 2012
West District - El Camino del Cerro Reconstruction	1,000.0	FY 2010
Added Allocations Total	**$ 13,150.0**	

*As noted above, programming and spending is dependent upon the availability of impact fee revenue.

Transportation: CIP Impact on the Operating Budget

When the following projects in this CIP are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

($000)

Project Name	Year 1 FY 2010	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total
Alternate Modes Improvements	-	-	9.0	9.0	9.0	**27.0**
Barraza-Aviation Parkway: 4th Avenue Underpass	-	-	15.0	15.0	15.0	**45.0**
Cambio Grande Street Revitalization	-	1.0	1.0	1.0	1.0	**4.0**
Campbell Avenue Revitalization	-	-	1.0	1.0	1.0	**3.0**
Communication System Improvements	-	50.0	60.0	60.0	60.0	**230.0**
Expansion Buses - Future	1,597.3	4,847.9	5,161.4	12,349.7	13,098.8	**37,055.1**
Expansion Vans - Future	479.2	1,454.4	1,548.4	3,704.9	3,929.6	**11,116.5**
Ft. Lowell & Campbell Intersection Improvements	-	-	5.0	5.0	5.0	**15.0**
Golf Links and Wilmot Intersection Improvements	-	-	5.0	5.0	5.0	**15.0**
Grant and Craycroft Intersection Improvement	-	5.0	5.0	5.0	5.0	**20.0**
Harrison Road: Speedway to Old Spanish Trail	40.0	40.0	40.0	40.0	40.0	**200.0**
Harrison/Golf Links Communication Project	-	10.0	10.0	10.0	10.0	**40.0**
Highland Avenue Bike and Pedestrian Improvements	-	10.0	10.0	10.0	10.0	**40.0**
Houghton Road Bridge Replacement	-	-	12.0	12.0	12.0	**36.0**
Houghton Road: I-10 to Valencia	-	-	108.0	108.0	108.0	**324.0**
Houghton Road: Old Spanish Trail to Tanque Verde	-	-	66.0	66.0	66.0	**198.0**
Houghton Road: Old Spanish Trail to Valencia	-	-	126.0	126.0	126.0	**378.0**
Modern Streetcar System	-	2,600.0	2,700.0	2,800.0	2,900.0	**11,000.0**
Mountain Avenue: Roger Road to Ft. Lowell Road	-	-	40.0	40.0	40.0	**120.0**
Park-and-Ride Lots: Houghton	-	-	30.0	30.0	30.0	**90.0**
Park-and-Ride Lots: Rita Ranch	-	24.0	24.0	24.0	24.0	**96.0**
Regional Transportation Data Network	-	-	100.0	100.0	100.0	**300.0**
South 4th Avenue Streetscape Enhancement	-	5.0	5.0	5.0	5.0	**20.0**
Speedway and Main Intersection Improvements	-	12.0	12.0	12.0	12.0	**48.0**
Speedway: Camino Seco to Houghton	-	-	-	96.0	96.0	**192.0**
Starr Pass and Mission Intersection Improvements	-	-	12.0	12.0	12.0	**36.0**
Stone Ave: Drachman and Speedway Improvements	-	-	-	24.0	24.0	**48.0**
Stone Avenue: Pedestrian Safety Improvements	-	30.0	30.0	30.0	30.0	**120.0**
Sun Tran Maintenance Facility Phase 2 - Future	903.3	1,304.3	1,343.5	1,383.8	1,425.3	**6,360.2**
Traffic Signal and Control Equipment	-	-	10.0	10.0	10.0	**30.0**
Tyndall Avenue Enhancements	-	12.0	12.0	12.0	12.0	**48.0**
Wilmot at Park Place Intersection Improvements	-	6.0	6.0	6.0	6.0	**24.0**
Total	**3,019.8**	**10,411.6**	**11,507.3**	**21,112.4**	**22,227.7**	**68,278.8**

Source of Funds Summary						
Highway User Revenue Fund	40.0	181.0	700.0	820.0	820.0	**2,561.0**
Mass Transit Fund: General Fund Subsidy	303.3	304.3	343.5	383.8	425.3	**1,760.2**
Mass Transit Fund: RTA Contribution	2,676.5	7,302.3	7,709.8	17,054.6	18,028.4	**52,771.6**
Regional Transportation Authority Fund	-	2,624.0	2,754.0	2,854.0	2,954.0	**11,186.0**
Total	**3,019.8**	**10,411.6**	**11,507.3**	**21,112.4**	**22,227.7**	**68,278.8**

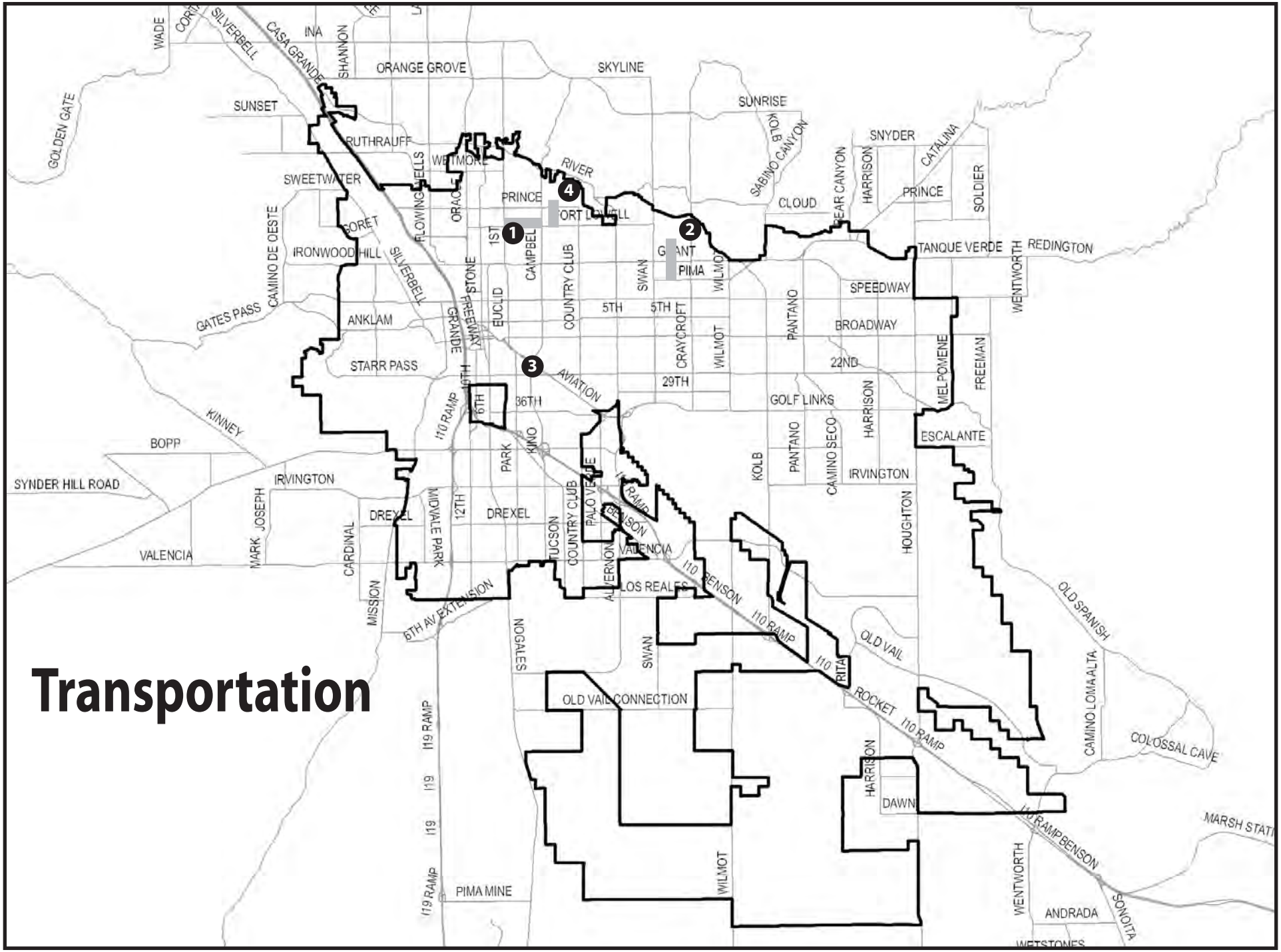
Pima County Bond Program
Street Projects Located Within the City of Tucson

The projects listed below are Pima County 1997 Highway User Revenue Bond street projects that are totally or partially located within the city limits.

The implementation of projects within the city has been stalled for a variety of reasons, including but not limited to, the need for additional funding. In May 2004, the Pima County Board of Supervisors and the City of Tucson Mayor and Council approved a Memorandum of Understanding to expend the authorized 1997 Pima County Highway User Revenue Bonds to maximize benefits for the residents of the city and county.

Pima County Project Number	Project Name	Pima County Bond Funds ($000)
Project Eliminated by Board of Supervisors		
DOT-41	22nd Street: Interstate 10 to Park Avenue (originally a $10 million project)	-0-
Projects Completed (without city financial assistance)		
DOT-43	12th Avenue: Veterans to Los Reales (The city paid for the improvements to 12th Avenue from Drexel to Valencia at a cost of $4.9 million.)	$ 9,000.0
DOT-05	Alvernon Way: Ft. Lowell to River Road (Intergovernmental Agreement approved December 2004.)	12,000.0
DOT-12	Country Club Road: 36th Street to Milber	7,000.0
DOT-49	Valencia Road: Mission to Interstate 19	6,000.0
Projects Completed (with city financial assistance)		
DOT-55	Golf Links Road: Bonanza to Houghton	2,500.0
DOT-39	Valencia Road: Interstate 19 to South 12th Avenue	900.0
Projects Moving Forward (assumed not to need city financial assistance)		
DOT-11	Drexel Road: Tucson Boulevard to Alvernon	6,500.0
	Under the Memorandum of Understanding	
Projects to be Administered by City of Tucson		
DOT-56	Broadway Boulevard: Euclid to Campbell* (Intergovernmental Agreement approved December 2004.)	25,000.0
DOT-58	Kino Parkway Overpass at 22nd Street (Intergovernmental agreement approved December 2004.)	10,000.0
Projects to be Administered by Pima County		
Other Projects (Pima County will make every reasonable effort to fund from its 1997 bond program)		
DOT-29	Houghton Road: Golf Links to I-10	20,000.0
	TOTAL	**$ 98,900.0**

* Under the terms of the Memorandum of Understanding, the City of Tucson is to make every reasonable effort to provide $25 million in improvements to Broadway Boulevard: Campbell to Country Club.


Transportation
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SWEETWATER
PRINCE
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RIVER
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KOLB
SNYDER
CATALINA
CLOUD
BEAR CANYON
HARRISON
SOLDIER
CAMINO DE OESTE
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SYNDER HILL ROAD
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COLOSSAL CAVE
I19 RAMP
I19
DAWN
MARSH STATI
I10 RAMP BENSON
PIMA MINE
ANDRADA
SONOITA
WETSTONES

Map Legend

Transportation

Project Name	Year to be Completed		Year to be Completed
Street Lighting		Streets	
1 - Ft. Lowell Road: Oracle to Country Club	FY 2011	2 - Grant and Craycroft Intersection Improvement	FY 2010
		3 - Kino Parkway Overpass at 22nd Street	FY 2012
		4 - Mountain Avenue: Roger Road to Ft. Lowell Road	FY 2011

Transportation

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Transportation - Drainage	1,160.0	-	2,544.1	**2,544.1**	23.0	-	-	-	**2,567.1**	-	**3,727.1**
Transportation - Public Transit	32,967.2	9,778.2	88,250.4	**98,028.6**	59,844.2	33,174.4	18,000.0	9,436.0	**218,483.2**	-	**251,450.4**
Transportation - Street Lighting	321.1	400.0	348.6	**748.6**	37.6	-	-	-	**786.2**	-	**1,107.3**
Transportation - Streets	97,852.1	9,112.0	66,541.6	**75,653.6**	94,611.6	83,051.0	66,538.0	55,319.8	**375,174.0**	330,579.0	**803,605.1**
Transportation - Traffic Signals	1,997.5	891.1	5,665.4	**6,556.5**	1,960.0	25.0	-	-	**8,541.5**	-	**10,539.0**
Department Total	**134,297.8**	**20,181.3**	**163,350.1**	**183,531.4**	**156,476.4**	**116,250.4**	**84,538.0**	**64,755.8**	**605,552.0**	**330,579.0**	**1,070,428.8**

Transportation

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Source of Funds Summary											
1994 Street and Highway Revenue Bond Funds	569.8	-	-	**-**	-	-	-	-	**-**	-	569.8
2000 General Obligation Bond Funds	1,481.1	400.0	2,128.8	**2,528.8**	60.6	-	-	-	**2,589.4**	-	4,070.5
2000 General Obligation Bond Funds: Interest	-	-	415.3	**415.3**	-	-	-	-	**415.3**	-	415.3
2000 Street and Highway Revenue Bond Funds	2,695.5	-	-	**-**	-	-	-	-	**-**	-	2,695.5
Capital Agreement Fund	29.9	-	-	**-**	-	-	-	-	**-**	-	29.9
Capital Agreement Fund: PAG	47,143.9	100.0	3,892.3	**3,992.3**	2,465.0	8,100.0	4,900.0	2,500.0	**21,957.3**	6,920.2	76,021.4
Capital Agreement Fund: Pima County Bonds	2,092.5	-	2,815.7	**2,815.7**	6,037.3	9,211.4	8,000.0	7,658.8	**33,723.2**	-	35,815.7
Federal Highway Administration Grants	15,378.8	2,371.0	5,179.2	**7,550.2**	18,696.0	6,025.0	18,275.0	6,525.0	**57,071.2**	-	72,450.0
General Fund	237.4	-	-	**-**	-	-	-	-	**-**	-	237.4
General Fund: Certificates of Participation	532.9	-	-	**-**	-	-	-	-	**-**	-	532.9
General Fund: Restricted Revenues	358.0	-	-	**-**	-	-	-	-	**-**	-	358.0
Highway User Revenue Fund	3,065.0	69.1	405.0	**474.1**	874.5	614.0	865.0	865.0	**3,692.6**	-	6,757.6
Highway User Revenue Fund: Contributions	-	-	200.0	**200.0**	200.0	200.0	200.0	200.0	**1,000.0**	-	1,000.0
Highway User Revenue Fund: In-Lieu Fees	488.0	-	1,000.0	**1,000.0**	1,000.0	1,000.0	1,000.0	1,000.0	**5,000.0**	-	5,488.0
Highway User Revenue Fund: Restricted, Section D	105.0	-	-	**-**	-	-	-	-	**-**	-	105.0
Mass Transit Fund: Federal Grants	14,456.6	3,262.5	29,711.8	**32,974.3**	18,380.4	11,108.7	10,749.7	7,971.2	**81,184.3**	-	95,640.9
Mass Transit Fund: General Fund Subsidy	35.3	-	765.4	**765.4**	1,321.8	758.8	1,249.4	1,037.8	**5,133.2**	-	5,168.5
Mass Transit Fund: User Fees and Charges	-	-	1,800.0	**1,800.0**	-	-	-	-	**1,800.0**	-	1,800.0
Regional Transportation Authority Fund	41,561.3	10,115.7	106,845.0	**116,960.7**	98,102.4	75,891.9	39,298.9	36,998.0	**367,251.9**	323,658.8	732,472.0
Road & Park Impact Fee Fund: Central District	-	-	-	**-**	3,150.0	-	-	-	**3,150.0**	-	3,150.0
Road & Park Impact Fee Fund: East District	284.8	583.0	2,541.6	**3,124.6**	2,500.0	3,340.6	-	-	**8,965.2**	-	9,250.0
Road & Park Impact Fee Fund: Southeast District	420.5	80.0	-	**80.0**	-	-	-	-	**80.0**	-	500.5
Road & Park Impact Fee Fund: West District	200.0	1,300.0	850.0	**2,150.0**	150.0	-	-	-	**2,300.0**	-	2,500.0
State Infrastructure Bank Federal Pass-Through	3,161.6	1,900.0	4,800.0	**6,700.0**	3,538.4	-	-	-	**10,238.4**	-	13,400.0
Department Total	**134,297.8**	**20,181.3**	**163,350.1**	**183,531.4**	**156,476.4**	**116,250.4**	**84,538.0**	**64,755.8**	**605,552.0**	**330,579.0**	**1,070,428.8**

Transportation - Drainage

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Alamo Wash Drainage Improvements											
2000 General Obligation Bond Funds	1,160.0	-	1,640.0	**1,640.0**	-	-	-	-	**1,640.0**	-	2,800.0
	1,160.0	**-**	**1,640.0**	**1,640.0**	**-**	**-**	**-**	**-**	**1,640.0**	**-**	**2,800.0**
Miscellaneous Drainage Improvements											
2000 General Obligation Bond Funds	-	-	488.8	**488.8**	23.0	-	-	-	**511.8**	-	511.8
2000 General Obligation Bond Funds: Interest	-	-	415.3	**415.3**	-	-	-	-	**415.3**	-	415.3
	-	**-**	**904.1**	**904.1**	**23.0**	**-**	**-**	**-**	**927.1**	**-**	**927.1**
Program Area Total	**1,160.0**	**-**	**2,544.1**	**2,544.1**	**23.0**	**-**	**-**	**-**	**2,567.1**	**-**	**3,727.1**

Source of Funds Summary											
2000 General Obligation Bond Funds	1,160.0	-	2,128.8	**2,128.8**	23.0	-	-	-	**2,151.8**	-	3,311.8
2000 General Obligation Bond Funds: Interest	-	-	415.3	**415.3**	-	-	-	-	**415.3**	-	415.3
Program Area Total	**1,160.0**	**-**	**2,544.1**	**2,544.1**	**23.0**	**-**	**-**	**-**	**2,567.1**	**-**	**3,727.1**

Transportation - Drainage

($000)

Alamo Wash Drainage Improvements

Project ID: S080
Start Date: 7/03
End Date: 6/10
Location: Wards 2 and 6

Description:
Complete the construction of drainage improvements within neighborhoods throughout the entire reach of the Alamo Wash.

Justification:
These improvements will address safety and access needs which were identified as high priorities in the Tucson Stormwater Management Study.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	1,160.0	-	1,640.0	**1,640.0**	-	-	-	-	**1,640.0**	-	**2,800.0**
Total	1,160.0	-	1,640.0	**1,640.0**	-	-	-	-	**1,640.0**	-	**2,800.0**

Miscellaneous Drainage Improvements

Project ID: S008
Start Date: 7/09
End Date: 6/10
Location: Citywide

Description:
Design and construct miscellaneous drainage improvements.

Justification:
These improvements will address safety needs for downtown development.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	-	-	488.8	**488.8**	23.0	-	-	-	**511.8**	-	**511.8**
2000 General Obligation Bond Funds: Interest	-	-	415.3	**415.3**	-	-	-	-	**415.3**	-	**415.3**
Total	-	-	904.1	**904.1**	23.0	-	-	-	**927.1**	-	**927.1**

Transportation - Public Transit

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
ADA Transit Enhancements											
Mass Transit Fund: Federal Grants	-	-	241.5	**241.5**	96.0	96.0	96.0	96.0	**625.5**	-	625.5
Mass Transit Fund: General Fund Subsidy	-	-	-	**-**	24.0	24.0	24.0	24.0	**96.0**	-	96.0
Regional Transportation Authority Fund	-	-	60.4	**60.4**	-	-	-	-	**60.4**	-	60.4
	-	**-**	**301.9**	**301.9**	**120.0**	**120.0**	**120.0**	**120.0**	**781.9**	**-**	**781.9**
Expansion Buses for Sun Tran											
Mass Transit Fund: Federal Grants	4,262.1	-	5,124.5	**5,124.5**	1,660.0	2,853.7	1,115.2	-	**10,753.4**	-	15,015.5
Regional Transportation Authority Fund	3,273.0	-	569.4	**569.4**	340.0	12,316.3	5,444.8	-	**18,670.5**	-	21,943.5
	7,535.1	**-**	**5,693.9**	**5,693.9**	**2,000.0**	**15,170.0**	**6,560.0**	**-**	**29,423.9**	**-**	**36,959.0**
Expansion Vans for Sun Van											
Mass Transit Fund: Federal Grants	-	-	312.1	**312.1**	-	157.7	162.7	167.7	**800.2**	-	800.2
Regional Transportation Authority Fund	-	-	63.9	**63.9**	-	32.3	33.3	34.3	**163.8**	-	163.8
	-	**-**	**376.0**	**376.0**	**-**	**190.0**	**196.0**	**202.0**	**964.0**	**-**	**964.0**
Greyhound Transit Center											
General Fund	237.4	-	-	**-**	-	-	-	-	**-**	-	237.4
Mass Transit Fund: Federal Grants	1,695.0	900.0	1,339.7	**2,239.7**	-	-	-	-	**2,239.7**	-	3,934.7
	1,932.4	**900.0**	**1,339.7**	**2,239.7**	**-**	**-**	**-**	**-**	**2,239.7**	**-**	**4,172.1**
Modern Streetcar Planning											
Mass Transit Fund: Federal Grants	745.8	257.4	-	**257.4**	-	-	-	-	**257.4**	-	1,003.2
Regional Transportation Authority Fund	186.4	64.4	-	**64.4**	-	-	-	-	**64.4**	-	250.8
	932.2	**321.8**	**-**	**321.8**	**-**	**-**	**-**	**-**	**321.8**	**-**	**1,254.0**
Modern Streetcar System											
Regional Transportation Authority Fund	2,480.6	-	38,780.0	**38,780.0**	38,240.0	8,226.4	-	-	**85,246.4**	-	87,727.0
	2,480.6	**-**	**38,780.0**	**38,780.0**	**38,240.0**	**8,226.4**	**-**	**-**	**85,246.4**	**-**	**87,727.0**
Park-and-Ride Lots: Houghton											
Regional Transportation Authority Fund	-	1,000.0	1,500.0	**2,500.0**	950.0	-	-	-	**3,450.0**	-	3,450.0
	-	**1,000.0**	**1,500.0**	**2,500.0**	**950.0**	**-**	**-**	**-**	**3,450.0**	**-**	**3,450.0**

Transportation - Public Transit

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Park-and-Ride Lots: Rita Ranch											
Regional Transportation Authority Fund	250.0	1,450.0	250.0	**1,700.0**	-	-	-	-	**1,700.0**	-	1,950.0
	250.0	**1,450.0**	**250.0**	**1,700.0**	**-**	**-**	**-**	**-**	**1,700.0**	**-**	**1,950.0**
Regional Seamless Fare System											
Regional Transportation Authority Fund	-	2,650.0	3,168.1	**5,818.1**	-	-	-	-	**5,818.1**	-	5,818.1
	-	**2,650.0**	**3,168.1**	**5,818.1**	**-**	**-**	**-**	**-**	**5,818.1**	**-**	**5,818.1**
Regional Transit Rebranding											
Regional Transportation Authority Fund	-	-	2,054.0	**2,054.0**	-	-	-	-	**2,054.0**	-	2,054.0
	-	**-**	**2,054.0**	**2,054.0**	**-**	**-**	**-**	**-**	**2,054.0**	**-**	**2,054.0**
Replacement Buses for Sun Tran											
Mass Transit Fund: Federal Grants	-	1,715.1	7,078.3	**8,793.4**	5,976.0	7,146.3	5,104.5	3,834.6	**30,854.8**	-	30,854.8
Mass Transit Fund: General Fund Subsidy	-	-	202.6	**202.6**	612.0	731.8	522.7	392.7	**2,461.8**	-	2,461.8
Mass Transit Fund: User Fees and Charges	-	-	1,800.0	**1,800.0**	-	-	-	-	**1,800.0**	-	1,800.0
Regional Transportation Authority Fund	-	351.3	799.2	**1,150.5**	612.0	731.9	522.8	392.7	**3,409.9**	-	3,409.9
	-	**2,066.4**	**9,880.1**	**11,946.5**	**7,200.0**	**8,610.0**	**6,150.0**	**4,620.0**	**38,526.5**	**-**	**38,526.5**
Replacement Vans for Sun Van											
Mass Transit Fund: Federal Grants	-	-	2,415.8	**2,415.8**	3,087.7	-	3,416.3	3,017.9	**11,937.7**	-	11,937.7
Mass Transit Fund: General Fund Subsidy	-	-	494.8	**494.8**	632.5	-	699.7	618.1	**2,445.1**	-	2,445.1
	-	**-**	**2,910.6**	**2,910.6**	**3,720.2**	**-**	**4,116.0**	**3,636.0**	**14,382.8**	**-**	**14,382.8**
Ronstadt Transit Center											
Mass Transit Fund: Federal Grants	18.2	390.0	2,000.0	**2,390.0**	504.4	-	-	-	**2,894.4**	-	2,912.6
	18.2	**390.0**	**2,000.0**	**2,390.0**	**504.4**	**-**	**-**	**-**	**2,894.4**	**-**	**2,912.6**
Sun Tran Maintenance Facility, Phase II											
Mass Transit Fund: Federal Grants	7,594.5	-	10,805.0	**10,805.0**	6,805.0	805.0	805.0	805.0	**20,025.0**	-	27,619.5
Regional Transportation Authority Fund	12,047.9	1,000.0	8,707.0	**9,707.0**	-	-	-	-	**9,707.0**	-	21,754.9
	19,642.4	**1,000.0**	**19,512.0**	**20,512.0**	**6,805.0**	**805.0**	**805.0**	**805.0**	**29,732.0**	**-**	**49,374.4**

Transportation - Public Transit

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Transit Centers Improvements											
Mass Transit Fund: Federal Grants	130.0	-	260.0	**260.0**	201.3	-	-	-	**461.3**	-	591.3
Mass Transit Fund: General Fund Subsidy	32.5	-	65.0	**65.0**	50.3	-	-	-	**115.3**	-	147.8
	162.5	**-**	**325.0**	**325.0**	**251.6**	**-**	**-**	**-**	**576.6**	**-**	**739.1**
Transit Enhancement Program											
Mass Transit Fund: Federal Grants	11.0	-	134.9	**134.9**	50.0	50.0	50.0	50.0	**334.9**	-	345.9
Mass Transit Fund: General Fund Subsidy	2.8	-	3.0	**3.0**	3.0	3.0	3.0	3.0	**15.0**	-	17.8
Regional Transportation Authority Fund	-	-	21.2	**21.2**	-	-	-	-	**21.2**	-	21.2
	13.8	**-**	**159.1**	**159.1**	**53.0**	**53.0**	**53.0**	**53.0**	**371.1**	**-**	**384.9**
Program Area Total	**32,967.2**	**9,778.2**	**88,250.4**	**98,028.6**	**59,844.2**	**33,174.4**	**18,000.0**	**9,436.0**	**218,483.2**	**-**	**251,450.4**

Source of Funds Summary											
General Fund	237.4	-	-	**-**	-	-	-	-	**-**	-	237.4
Mass Transit Fund: Federal Grants	14,456.6	3,262.5	29,711.8	**32,974.3**	18,380.4	11,108.7	10,749.7	7,971.2	**81,184.3**	-	95,640.9
Mass Transit Fund: General Fund Subsidy	35.3	-	765.4	**765.4**	1,321.8	758.8	1,249.4	1,037.8	**5,133.2**	-	5,168.5
Mass Transit Fund: User Fees and Charges	-	-	1,800.0	**1,800.0**	-	-	-	-	**1,800.0**	-	1,800.0
Regional Transportation Authority Fund	18,237.9	6,515.7	55,973.2	**62,488.9**	40,142.0	21,306.9	6,000.9	427.0	**130,365.7**	-	148,603.6
Program Area Total	**32,967.2**	**9,778.2**	**88,250.4**	**98,028.6**	**59,844.2**	**33,174.4**	**18,000.0**	**9,436.0**	**218,483.2**	**-**	**251,450.4**

Transportation - Public Transit

($000)

ADA Transit Enhancements

Project ID: M013C
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Design and construct Americans with Disabilities Act (ADA) pedestrian access improvements.

Justification:
The Federal Transit Administration mandates that the city construct transit infrastructure improvements, which are projects that enhance service or are functionally related to existing transit facilities.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	-	-	241.5	**241.5**	96.0	96.0	96.0	96.0	**625.5**	-	**625.5**
Mass Transit Fund: General Fund Subsidy	-	-	-	**-**	24.0	24.0	24.0	24.0	**96.0**	-	**96.0**
Regional Transportation Authority Fund	-	-	60.4	**60.4**	-	-	-	-	**60.4**	-	**60.4**
Total	-	-	301.9	**301.9**	120.0	120.0	120.0	120.0	**781.9**	-	**781.9**

Expansion Buses for Sun Tran

Project ID: M019C
Start Date: 7/08
End Date: 6/13
Location: Citywide

Description:
Purchase approximately 91 expansion buses to implement the Sun Tran service expansion program. Funds for this project rely on existing grants and are contingent upon future contracts with the Federal Transit Administration and the Regional Transportation Authority.

Justification:
The addition of these buses will permit Sun Tran to provide more service hours. Service expansion is part of the Regional Transportation Authority Plan, which was approved by voters in May 2006.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	4,262.1	-	5,124.5	**5,124.5**	1,660.0	2,853.7	1,115.2	-	**10,753.4**	-	**15,015.5**
Regional Transportation Authority Fund	3,273.0	-	569.4	**569.4**	340.0	12,316.3	5,444.8	-	**18,670.5**	-	**21,943.5**
Total	7,535.1	-	5,693.9	**5,693.9**	2,000.0	15,170.0	6,560.0	-	**29,423.9**	-	**36,959.0**

Transportation - Public Transit

($000)

Expansion Vans for Sun Van

Project ID: M014C
Start Date: 7/08
End Date: 6/13
Location: Citywide

Description:
Purchase approximately 10 expansion vans to implement the Sun Van service expansion program. Funds for this project rely on existing grants and are contingent upon future contracts with the Federal Transit Administration and the Regional Transportation Authority.

Justification:
The addition of these vans will permit Sun Van to provide more service hours and reduce the trip denial rate.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	-	-	312.1	**312.1**	-	157.7	162.7	167.7	**800.2**	-	**800.2**
Regional Transportation Authority Fund	-	-	63.9	**63.9**	-	32.3	33.3	34.3	**163.8**	-	**163.8**
Total	-	-	376.0	**376.0**	-	190.0	196.0	202.0	**964.0**	-	**964.0**

Greyhound Transit Center

Project ID: M528_C
Start Date: 7/05
End Date: 6/10
Location: Ward 6

Description:
Design and construct an inter-city bus transit center with parking, storage, office, and passenger facilities.

Justification:
Relocation of the Greyhound Terminal from its current temporary location is needed to accommodate downtown development plans

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
General Fund	237.4	-	-	**-**	-	-	-	-	**-**	-	**237.4**
Mass Transit Fund: Federal Grants	1,695.0	900.0	1,339.7	**2,239.7**	-	-	-	-	**2,239.7**	-	**3,934.7**
Total	1,932.4	900.0	1,339.7	**2,239.7**	-	-	-	-	**2,239.7**	-	**4,172.1**

Transportation - Public Transit

($000)

Modern Streetcar Planning

Project ID: M158
Start Date: 7/08
End Date: 6/10
Location: Wards 1, 3, and 6

Description:
Planning for a modern, high-capacity streetcar.

Justification:
In April 2007, the Mayor and Council approved the recommendations from an Alternatives Analysis that included developing a streetcar system that will cover a 4-mile area from the University Medical Center, through the University of Arizona campus and downtown to the redevelopment area on the westside of Interstate 10.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	745.8	257.4	-	**257.4**	-	-	-	-	**257.4**	-	**1,003.2**
Regional Transportation Authority Fund	186.4	64.4	-	**64.4**	-	-	-	-	**64.4**	-	**250.8**
Total	932.2	321.8	-	**321.8**	-	-	-	-	**321.8**	-	**1,254.0**

Modern Streetcar System

Project ID: MRC3
Start Date: 7/06
End Date: 6/12
Location: Wards 1, 3, and 6

Description:
Design and construct a modern, high-capacity streetcar system that will connect the University of Arizona campus and the downtown redevelopment area on the westside of Interstate 10.

Justification:
This project is included in the Transit Element of the Regional Transportation Plan approved by voters in May 2006 and approved by Mayor and Council on April 10, 2007.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	2,480.6	-	38,780.0	**38,780.0**	38,240.0	8,226.4	-	-	**85,246.4**	-	**87,727.0**
Total	2,480.6	-	38,780.0	**38,780.0**	38,240.0	8,226.4	-	-	**85,246.4**	-	**87,727.0**

Transportation - Public Transit

($000)

Park-and-Ride Lots: Houghton

Project ID: MRC1
Start Date: 7/08
End Date: 6/11
Location: Ward 2

Description:
Design and construct a park-and-ride facility located on the eastside of the Houghton Road Corridor in the vicinity of Broadway Boulevard.

Justification:
The project is included in the Transit Element of the Regional Transportation Plan approved by voters in May 2006 and approved by Mayor and Council on October 16, 2007.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	1,000.0	1,500.0	**2,500.0**	950.0	-	-	-	**3,450.0**	-	**3,450.0**
Total	-	1,000.0	1,500.0	**2,500.0**	950.0	-	-	-	**3,450.0**	-	**3,450.0**

Park-and-Ride Lots: Rita Ranch

Project ID: MRC4
Start Date: 7/08
End Date: 6/10
Location: Ward 4

Description:
Design and construct a park-and-ride facility located on the southeast-side of the Houghton Road corridor in the vicinity of Old Vail Road.

Justification:
This project is included in the Transit Element of the Regional Transportation Plan and approved by Mayor and Council on October 16, 2007.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	250.0	1,450.0	250.0	**1,700.0**	-	-	-	-	**1,700.0**	-	**1,950.0**
Total	250.0	1,450.0	250.0	**1,700.0**	-	-	-	-	**1,700.0**	-	**1,950.0**

Transportation - Public Transit

($000)

Regional Seamless Fare System

Project ID: MRC9
Start Date: 7/08
End Date: 6/10
Location: Citywide

Description:
Plan, design, and construct a regional seamless fare collection system. This regional fare collection system includes smart card technology and global positioning system capabilities.

Justification:
Sun Tran's current fare box and fare collection system is obsolete. The new system will allow transit administrators to collect more data about ridership and allow riders to transfer from one system to another.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	2,650.0	3,168.1	**5,818.1**	-	-	-	-	**5,818.1**	-	**5,818.1**
Total	-	2,650.0	3,168.1	**5,818.1**	-	-	-	-	**5,818.1**	-	**5,818.1**

Regional Transit Rebranding

Project ID: MRC8
Start Date: 7/08
End Date: 6/10
Location: Citywide

Description:
Implement the regional transit rebranding, which will provide a consistent image and reinforce the concept of seamless travel across the region's transit systems.

Justification:
This project is included in the Transit Element of the Regional Transportation Plan approved by voters in May 2006 and approved by Mayor and Council on June 10, 2008.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	-	2,054.0	**2,054.0**	-	-	-	-	**2,054.0**	-	**2,054.0**
Total	-	-	2,054.0	**2,054.0**	-	-	-	-	**2,054.0**	-	**2,054.0**

Transportation - Public Transit

($000)

Replacement Buses for Sun Tran

Project ID: M007C
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Purchase approximately 104 replacement buses.

Justification:
To maximize operational efficiency, buses are scheduled for replacement at the end of their useful life of 12 years or 500,000 miles.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Mass Transit Fund: Federal Grants	-	1,715.1	7,078.3	**8,793.4**	5,976.0	7,146.3	5,104.5	3,834.6	**30,854.8**	-	**30,854.8**
Mass Transit Fund: General Fund Subsidy	-	-	202.6	**202.6**	612.0	731.8	522.7	392.7	**2,461.8**	-	**2,461.8**
Mass Transit Fund: User Fees and Charges	-	-	1,800.0	**1,800.0**	-	-	-	-	**1,800.0**	-	**1,800.0**
Regional Transportation Authority Fund	-	351.3	799.2	**1,150.5**	612.0	731.9	522.8	392.7	**3,409.9**	-	**3,409.9**
Total	-	2,066.4	9,880.1	**11,946.5**	7,200.0	8,610.0	6,150.0	4,620.0	**38,526.5**	-	**38,526.5**

Replacement Vans for Sun Van

Project ID: M012C
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Purchase approximately 150 replacement vans.

Justification:
To maximize operational efficiency, vans are scheduled for replacement at the end of their useful life of four years or 100,000 miles.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Mass Transit Fund: Federal Grants	-	-	2,415.8	**2,415.8**	3,087.7	-	3,416.3	3,017.9	**11,937.7**	-	**11,937.7**
Mass Transit Fund: General Fund Subsidy	-	-	494.8	**494.8**	632.5	-	699.7	618.1	**2,445.1**	-	**2,445.1**
Total	-	-	2,910.6	**2,910.6**	3,720.2	-	4,116.0	3,636.0	**14,382.8**	-	**14,382.8**

Transportation - Public Transit

($000)

Ronstadt Transit Center

Project ID: M611
Start Date: 7/05
End Date: 6/11
Location: Ward 6

Description:
Design and construct modifications to the Ronstadt Transit Center to create space for a mixed-use facility on the southern edge (Congress Street frontage). This project will also include circulation studies, modifications required for transit movements, and intersection improvements.

Note: The local match requirement for the federal grant is satisfied by the value of the center's land.

Justification:
Rio Nuevo plans have suggested that Congress Street would make for a good pedestrian, housing, retail, and restaurant district. This project will allow for those changes and ensure the positive future at the Ronstadt Transit Center for transit vehicles.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	18.2	390.0	2,000.0	**2,390.0**	504.4	-	-	-	**2,894.4**	-	**2,912.6**
Total	18.2	390.0	2,000.0	**2,390.0**	504.4	-	-	-	**2,894.4**	-	**2,912.6**

Sun Tran Maintenance Facility, Phase II

Project ID: M017C
Start Date: 7/96
End Date: 6/14
Location: Ward 3

Description:
Design and construct a bus storage and maintenance facility for 150 buses that includes an operations building, a maintenance building, fare retrieval, and fuel, wash, and bus canopies. Phase III will add capacity for another 100 buses.

Justification:
The current facility at Park and Ajo was built in 1976 and is operating beyond its designed capacity. This facility will be required to support new services required in the Regional Transportation Authority (RTA) Transit plan. This project was approved by Mayor and Council on January 17, 2007 for RTA funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	7,594.5	-	10,805.0	**10,805.0**	6,805.0	805.0	805.0	805.0	**20,025.0**	-	**27,619.5**
Regional Transportation Authority Fund	12,047.9	1,000.0	8,707.0	**9,707.0**	-	-	-	-	**9,707.0**	-	**21,754.9**
Total	19,642.4	1,000.0	19,512.0	**20,512.0**	6,805.0	805.0	805.0	805.0	**29,732.0**	-	**49,374.4**

Transportation - Public Transit

($000)

Transit Centers Improvements

Project ID: M853
Start Date: 7/09
End Date: 6/11
Location: Citywide

Description:
Design and construct improvements and upgrades to existing Sun Tran transit centers.

Justification:
This project will enhance the ridership experience of Sun Tran patrons, thereby increasing the use of alternate modes of transportation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	130.0	-	260.0	**260.0**	201.3	-	-	-	**461.3**	-	**591.3**
Mass Transit Fund: General Fund Subsidy	32.5	-	65.0	**65.0**	50.3	-	-	-	**115.3**	-	**147.8**
Total	162.5	-	325.0	**325.0**	251.6	-	-	-	**576.6**	-	**739.1**

Transit Enhancement Program

Project ID: M018C
Start Date: 7/09
End Date: 6/14
Location: Citywide

Description:
Design and construct improvements such as bicycle lockers, bus shelters, and walkways that meet Americans with Disabilities (ADA) standards..

Justification:
The Federal Transit Administration mandates that the city construct transit improvements equal to 1% of the grant award; the improvements are to support the use of alternate modes and enhance transit services.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Mass Transit Fund: Federal Grants	11.0	-	134.9	**134.9**	50.0	50.0	50.0	50.0	**334.9**	-	**345.9**
Mass Transit Fund: General Fund Subsidy	2.8	-	3.0	**3.0**	3.0	3.0	3.0	3.0	**15.0**	-	**17.8**
Regional Transportation Authority Fund	-	-	21.2	**21.2**	-	-	-	-	**21.2**	-	**21.2**
Total	13.8	-	159.1	**159.1**	53.0	53.0	53.0	53.0	**371.1**	-	**384.9**

Transportation - Street Lighting

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Ft. Lowell Road: Oracle to Country Club											
2000 General Obligation Bond Funds	321.1	400.0	-	**400.0**	37.6	-	-	-	**437.6**	-	758.7
	321.1	**400.0**	**-**	**400.0**	**37.6**	**-**	**-**	**-**	**437.6**	**-**	**758.7**
Palo Verde Neighborhood Street Lighting											
Capital Agreement Fund: Pima County Bonds	-	-	318.6	**318.6**	-	-	-	-	**318.6**	-	318.6
Highway User Revenue Fund	-	-	30.0	**30.0**	-	-	-	-	**30.0**	-	30.0
	-	**-**	**348.6**	**348.6**	**-**	**-**	**-**	**-**	**348.6**	**-**	**348.6**
Program Area Total	**321.1**	**400.0**	**348.6**	**748.6**	**37.6**	**-**	**-**	**-**	**786.2**	**-**	**1,107.3**

Source of Funds Summary											
2000 General Obligation Bond Funds	321.1	400.0	-	**400.0**	37.6	-	-	-	**437.6**	-	758.7
Capital Agreement Fund: Pima County Bonds	-	-	318.6	**318.6**	-	-	-	-	**318.6**	-	318.6
Highway User Revenue Fund	-	-	30.0	**30.0**	-	-	-	-	**30.0**	-	30.0
Program Area Total	**321.1**	**400.0**	**348.6**	**748.6**	**37.6**	**-**	**-**	**-**	**786.2**	**-**	**1,107.3**

Transportation - Street Lighting

($000)

Ft. Lowell Road: Oracle to Country Club

Project ID: S602
Start Date: 7/07
End Date: 6/11
Location: Ward 3

Description:
Design and construct one mile of arterial street lighting, including the installation of fiber optic conduit.

Justification:
This project has been identified as the next arterial segment to be lighted with May 2000 Street Lighting Bonds.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 General Obligation Bond Funds	321.1	400.0	-	**400.0**	37.6	-	-	-	**437.6**	-	**758.7**
Total	321.1	400.0	-	**400.0**	37.6	-	-	-	**437.6**	-	**758.7**

Palo Verde Neighborhood Street Lighting

Project ID: S074
Start Date: 7/09
End Date: 6/10
Location: Ward 6

Description:
Design and construct street lighting on various streets throughout the Palo Verde neighborhood.

Justification:
The neighborhood association has received a Pima County Neighborhood Reinvestment Grant, and the required intergovernmental agreement has been approved by the Mayor and Council.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	318.6	**318.6**	-	-	-	-	**318.6**	-	**318.6**
Highway User Revenue Fund	-	-	30.0	**30.0**	-	-	-	-	**30.0**	-	**30.0**
Total	-	-	348.6	**348.6**	-	-	-	-	**348.6**	-	**348.6**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
22nd Street: I-10 to Tucson Boulevard											
Highway User Revenue Fund	1.6	-	-	**-**	-	-	-	-	**-**	-	1.6
Regional Transportation Authority Fund	2,000.8	-	4,500.0	**4,500.0**	8,500.0	16,500.0	6,132.0	15,000.0	**50,632.0**	52,320.0	104,952.8
Road & Park Impact Fee Fund: Central District	-	-	-	**-**	3,000.0	-	-	-	**3,000.0**	-	3,000.0
	2,002.4	**-**	**4,500.0**	**4,500.0**	**11,500.0**	**16,500.0**	**6,132.0**	**15,000.0**	**53,632.0**	**52,320.0**	**107,954.4**
6th Street & Highland Intersection Improvements											
Regional Transportation Authority Fund	-	-	50.0	**50.0**	125.0	-	-	-	**175.0**	-	175.0
	-	**-**	**50.0**	**50.0**	**125.0**	**-**	**-**	**-**	**175.0**	**-**	**175.0**
Alternate Modes Improvements											
Federal Highway Administration Grants	-	-	100.0	**100.0**	200.0	200.0	-	-	**500.0**	-	500.0
Highway User Revenue Fund	26.5	-	6.0	**6.0**	12.0	12.0	-	-	**30.0**	-	56.5
	26.5	**-**	**106.0**	**106.0**	**212.0**	**212.0**	**-**	**-**	**530.0**	**-**	**556.5**
Barraza-Aviation Downtown Links, Phase I											
Capital Agreement Fund: PAG	1,609.8	-	-	**-**	-	-	-	-	**-**	6,920.2	8,530.0
Highway User Revenue Fund	0.1	-	-	**-**	-	-	-	-	**-**	-	0.1
Regional Transportation Authority Fund	2,029.8	-	10,350.0	**10,350.0**	-	-	-	-	**10,350.0**	63,754.2	76,134.0
	3,639.7	**-**	**10,350.0**	**10,350.0**	**-**	**-**	**-**	**-**	**10,350.0**	**70,674.4**	**84,664.1**
Barraza-Aviation Parkway: 4th Avenue Underpass											
Capital Agreement Fund: PAG	41,915.0	-	3,127.0	**3,127.0**	115.0	-	-	-	**3,242.0**	-	45,157.0
General Fund: Restricted Revenues	62.6	-	-	**-**	-	-	-	-	**-**	-	62.6
Highway User Revenue Fund	4.8	-	-	**-**	-	-	-	-	**-**	-	4.8
Highway User Revenue Fund: Restricted, Section D	103.7	-	-	**-**	-	-	-	-	**-**	-	103.7
	42,086.1	**-**	**3,127.0**	**3,127.0**	**115.0**	**-**	**-**	**-**	**3,242.0**	**-**	**45,328.1**
Bicycle Lane Improvements: RTA Program											
Regional Transportation Authority Fund	-	-	620.0	**620.0**	-	-	-	-	**620.0**	-	620.0
	-	**-**	**620.0**	**620.0**	**-**	**-**	**-**	**-**	**620.0**	**-**	**620.0**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Broadway: Euclid to Campbell											
Capital Agreement Fund: Pima County Bonds	1,341.2	-	-	**-**	-	8,000.0	8,000.0	7,658.8	**23,658.8**	-	25,000.0
	1,341.2	**-**	**-**	**-**	**-**	**8,000.0**	**8,000.0**	**7,658.8**	**23,658.8**	**-**	**25,000.0**
Broadway: Euclid to Country Club											
Highway User Revenue Fund	0.2	-	-	**-**	-	-	-	-	**-**	-	0.2
Highway User Revenue Fund: In-Lieu Fees	44.2	-	-	**-**	-	-	-	-	**-**	-	44.2
Regional Transportation Authority Fund	154.9	500.0	500.0	**1,000.0**	4,902.0	9,804.0	9,804.0	9,804.0	**35,314.0**	6,656.1	42,125.0
	199.3	**500.0**	**500.0**	**1,000.0**	**4,902.0**	**9,804.0**	**9,804.0**	**9,804.0**	**35,314.0**	**6,656.1**	**42,169.4**
Bus Pullouts, Package 4											
Regional Transportation Authority Fund	150.0	-	500.0	**500.0**	-	-	-	-	**500.0**	-	650.0
	150.0	**-**	**500.0**	**500.0**	**-**	**-**	**-**	**-**	**500.0**	**-**	**650.0**
Cambio Grande Street Revitalization											
Capital Agreement Fund: Pima County Bonds	-	-	497.1	**497.1**	-	-	-	-	**497.1**	-	497.1
Federal Highway Administration Grants	-	467.0	-	**467.0**	-	-	-	-	**467.0**	-	467.0
Highway User Revenue Fund	30.6	11.0	-	**11.0**	-	-	-	-	**11.0**	-	41.6
Highway User Revenue Fund: In-Lieu Fees	27.5	-	-	**-**	-	-	-	-	**-**	-	27.5
	58.1	**478.0**	**497.1**	**975.1**	**-**	**-**	**-**	**-**	**975.1**	**-**	**1,033.2**
Camino Seco: Speedway to Wrightstown											
Federal Highway Administration Grants	-	-	-	**-**	-	2,500.0	-	-	**2,500.0**	-	2,500.0
Regional Transportation Authority Fund	-	-	800.0	**800.0**	-	-	-	-	**800.0**	-	800.0
Road & Park Impact Fee Fund: East District	126.4	33.0	2,500.0	**2,533.0**	2,500.0	340.6	-	-	**5,373.6**	-	5,500.0
	126.4	**33.0**	**3,300.0**	**3,333.0**	**2,500.0**	**2,840.6**	**-**	**-**	**8,673.6**	**-**	**8,800.0**
Campbell Avenue Revitalization											
Federal Highway Administration Grants	186.5	-	200.0	**200.0**	608.0	-	-	-	**808.0**	-	994.5
Highway User Revenue Fund	26.0	-	-	**-**	-	-	-	-	**-**	-	26.0
	212.5	**-**	**200.0**	**200.0**	**608.0**	**-**	**-**	**-**	**808.0**	**-**	**1,020.5**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Columbus Corridor Pedestrian Path											
Federal Highway Administration Grants	-	-	-	**-**	190.0	-	-	-	**190.0**	-	190.0
Highway User Revenue Fund	3.0	-	-	**-**	-	-	-	-	**-**	-	3.0
Regional Transportation Authority Fund	-	-	12.0	**12.0**	13.0	-	-	-	**25.0**	-	25.0
	3.0	**-**	**12.0**	**12.0**	**203.0**	**-**	**-**	**-**	**215.0**	**-**	**218.0**
El Camino del Cerro Reconstruction											
Road & Park Impact Fee Fund: West District	200.0	1,300.0	850.0	**2,150.0**	150.0	-	-	-	**2,300.0**	-	2,500.0
	200.0	**1,300.0**	**850.0**	**2,150.0**	**150.0**	**-**	**-**	**-**	**2,300.0**	**-**	**2,500.0**
El Paso and Southwestern Greenway											
Federal Highway Administration Grants	-	-	-	**-**	458.0	-	-	-	**458.0**	-	458.0
Highway User Revenue Fund	0.4	-	-	**-**	-	-	-	-	**-**	-	0.4
Regional Transportation Authority Fund	78.2	-	542.3	**542.3**	279.5	-	-	-	**821.8**	-	900.0
	78.6	**-**	**542.3**	**542.3**	**737.5**	**-**	**-**	**-**	**1,279.8**	**-**	**1,358.4**
Five Points Transportation Enhancement											
Federal Highway Administration Grants	-	-	494.4	**494.4**	500.0	-	-	-	**994.4**	-	994.4
Highway User Revenue Fund	3.0	-	3.2	**3.2**	28.5	-	-	-	**31.7**	-	34.7
Regional Transportation Authority Fund	-	-	25.0	**25.0**	-	-	-	-	**25.0**	-	25.0
	3.0	**-**	**522.6**	**522.6**	**528.5**	**-**	**-**	**-**	**1,051.1**	**-**	**1,054.1**
Ft. Lowell & Campbell Intersection Improvements											
Highway User Revenue Fund	27.8	-	-	**-**	-	-	-	-	**-**	-	27.8
Regional Transportation Authority Fund	223.2	-	1,700.0	**1,700.0**	2,926.8	-	-	-	**4,626.8**	-	4,850.0
Road & Park Impact Fee Fund: Central District	-	-	-	**-**	150.0	-	-	-	**150.0**	-	150.0
	251.0	**-**	**1,700.0**	**1,700.0**	**3,076.8**	**-**	**-**	**-**	**4,776.8**	**-**	**5,027.8**
Golf Links and Kolb Intersection Design											
Road & Park Impact Fee Fund: Southeast District	420.5	80.0	-	**80.0**	-	-	-	-	**80.0**	-	500.5
	420.5	**80.0**	**-**	**80.0**	**-**	**-**	**-**	**-**	**80.0**	**-**	**500.5**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Golf Links and Wilmot Intersection Improvements											
Highway User Revenue Fund	2.5	-	-	**-**	-	-	-	-	**-**	-	2.5
Regional Transportation Authority Fund	315.2	50.0	500.0	**550.0**	1,084.8	-	-	-	**1,634.8**	-	1,950.0
	317.7	**50.0**	**500.0**	**550.0**	**1,084.8**	**-**	**-**	**-**	**1,634.8**	**-**	**1,952.5**
Grant Road Corridor Improvements											
Capital Agreement Fund: PAG	-	-	-	**-**	-	-	2,500.0	2,500.0	**5,000.0**	-	5,000.0
Highway User Revenue Fund	3.6	-	-	**-**	-	-	-	-	**-**	-	3.6
Highway User Revenue Fund: In-Lieu Fees	0.1	-	-	**-**	-	-	-	-	**-**	-	0.1
Regional Transportation Authority Fund	4,024.0	-	3,163.0	**3,163.0**	14,632.0	14,769.0	9,612.0	10,494.0	**52,670.0**	104,156.0	160,850.0
	4,027.7	**-**	**3,163.0**	**3,163.0**	**14,632.0**	**14,769.0**	**12,112.0**	**12,994.0**	**57,670.0**	**104,156.0**	**165,853.7**
Grant and Craycroft Intersection Improvement											
Highway User Revenue Fund	2.3	-	-	**-**	-	-	-	-	**-**	-	2.3
Regional Transportation Authority Fund	2,039.7	2,400.0	1,332.3	**3,732.3**	-	-	-	-	**3,732.3**	-	5,772.0
	2,042.0	**2,400.0**	**1,332.3**	**3,732.3**	**-**	**-**	**-**	**-**	**3,732.3**	**-**	**5,774.3**
Harrison Road: Speedway to Old Spanish Trail											
2000 Street and Highway Revenue Bond Funds	2,207.7	-	-	**-**	-	-	-	-	**-**	-	2,207.7
Capital Agreement Fund: PAG	1,565.8	-	-	**-**	-	-	-	-	**-**	-	1,565.8
Federal Highway Administration Grants	13,305.5	-	12.0	**12.0**	-	-	-	-	**12.0**	-	13,317.5
Highway User Revenue Fund	360.2	-	0.8	**0.8**	-	-	-	-	**0.8**	-	361.0
	17,439.2	**-**	**12.8**	**12.8**	**-**	**-**	**-**	**-**	**12.8**	**-**	**17,452.0**
Harrison and Wrightstown Curve Design											
Road & Park Impact Fee Fund: East District	77.0	400.0	23.0	**423.0**	-	-	-	-	**423.0**	-	500.0
	77.0	**400.0**	**23.0**	**423.0**	**-**	**-**	**-**	**-**	**423.0**	**-**	**500.0**
Highland Avenue Bike and Pedestrian Improvements											
Federal Highway Administration Grants	1,325.1	18.0	3.0	**21.0**	-	-	-	-	**21.0**	-	1,346.1
Highway User Revenue Fund	331.7	-	1.0	**1.0**	-	-	-	-	**1.0**	-	332.7
	1,656.8	**18.0**	**4.0**	**22.0**	**-**	**-**	**-**	**-**	**22.0**	**-**	**1,678.8**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Houghton Road Bridge Replacement											
Federal Highway Administration Grants	-	-	1,300.0	**1,300.0**	800.0	1,100.0	-	-	**3,200.0**	-	3,200.0
Highway User Revenue Fund: In-Lieu Fees	24.3	-	-	**-**	-	-	-	-	**-**	-	24.3
Regional Transportation Authority Fund	-	-	300.0	**300.0**	200.0	300.0	-	-	**800.0**	-	800.0
	24.3	**-**	**1,600.0**	**1,600.0**	**1,000.0**	**1,400.0**	**-**	**-**	**4,000.0**	**-**	**4,024.3**
Houghton Road Corridor Improvements											
Highway User Revenue Fund	0.4	-	-	**-**	-	-	-	-	**-**	-	0.4
Highway User Revenue Fund: In-Lieu Fees	84.9	-	-	**-**	-	-	-	-	**-**	-	84.9
Regional Transportation Authority Fund	5,479.6	-	5,500.0	**5,500.0**	10,056.9	-	-	-	**15,556.9**	74,305.5	95,342.0
	5,564.9	**-**	**5,500.0**	**5,500.0**	**10,056.9**	**-**	**-**	**-**	**15,556.9**	**74,305.5**	**95,427.3**
Intersection Improvements: RTA FY 2009 Program											
Regional Transportation Authority Fund	-	-	950.0	**950.0**	-	-	-	-	**950.0**	-	950.0
	-	**-**	**950.0**	**950.0**	**-**	**-**	**-**	**-**	**950.0**	**-**	**950.0**
Kino Parkway Overpass at 22nd Street											
Capital Agreement Fund: Pima County Bonds	751.3	-	2,000.0	**2,000.0**	6,037.3	1,211.4	-	-	**9,248.7**	-	10,000.0
	751.3	**-**	**2,000.0**	**2,000.0**	**6,037.3**	**1,211.4**	**-**	**-**	**9,248.7**	**-**	**10,000.0**
Kolb Road Connection to Sabino Canyon											
Federal Highway Administration Grants	-	-	-	**-**	-	-	11,750.0	-	**11,750.0**	-	11,750.0
Regional Transportation Authority Fund	220.0	200.0	430.0	**630.0**	4,133.0	4,132.0	-	-	**8,895.0**	-	9,115.0
	220.0	**200.0**	**430.0**	**630.0**	**4,133.0**	**4,132.0**	**11,750.0**	**-**	**20,645.0**	**-**	**20,865.0**
Miscellaneous Developer-Funded Improvements											
Highway User Revenue Fund: Contributions	-	-	200.0	**200.0**	200.0	200.0	200.0	200.0	**1,000.0**	-	1,000.0
Highway User Revenue Fund: In-Lieu Fees	-	-	1,000.0	**1,000.0**	1,000.0	1,000.0	1,000.0	1,000.0	**5,000.0**	-	5,000.0
	-	**-**	**1,200.0**	**1,200.0**	**1,200.0**	**1,200.0**	**1,200.0**	**1,200.0**	**6,000.0**	**-**	**6,000.0**
Miscellaneous Street Improvements											
Highway User Revenue Fund	-	-	300.0	**300.0**	300.0	300.0	300.0	300.0	**1,500.0**	-	1,500.0
	-	**-**	**300.0**	**300.0**	**300.0**	**300.0**	**300.0**	**300.0**	**1,500.0**	**-**	**1,500.0**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Mountain Avenue: Roger Road to Ft. Lowell Road											
2000 Street and Highway Revenue Bond Funds	411.0	-	-	**-**	-	-	-	-	**-**	-	411.0
General Fund: Restricted Revenues	295.2	-	-	**-**	-	-	-	-	**-**	-	295.2
Highway User Revenue Fund	1,885.6	-	-	**-**	-	-	-	-	**-**	-	1,885.6
Highway User Revenue Fund: Restricted, Section D	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
State Infrastructure Bank Federal Pass-Through	3,161.6	1,900.0	4,800.0	**6,700.0**	3,538.4	-	-	-	**10,238.4**	-	13,400.0
	5,754.7	**1,900.0**	**4,800.0**	**6,700.0**	**3,538.4**	**-**	**-**	**-**	**10,238.4**	**-**	**15,993.1**
Park Avenue Transportation Enhancement											
Federal Highway Administration Grants	-	-	499.0	**499.0**	-	-	-	-	**499.0**	-	499.0
Highway User Revenue Fund	3.0	-	-	**-**	-	-	-	-	**-**	-	3.0
Regional Transportation Authority Fund	-	-	30.0	**30.0**	-	-	-	-	**30.0**	-	30.0
	3.0	**-**	**529.0**	**529.0**	**-**	**-**	**-**	**-**	**529.0**	**-**	**532.0**
RTA Contingency Capacity											
Regional Transportation Authority Fund	-	-	500.0	**500.0**	500.0	500.0	500.0	500.0	**2,500.0**	-	2,500.0
	-	**-**	**500.0**	**500.0**	**500.0**	**500.0**	**500.0**	**500.0**	**2,500.0**	**-**	**2,500.0**
Road Resurfacing, Restoration, & Rehabilitation											
Capital Agreement Fund: PAG	-	-	-	**-**	1,600.0	1,600.0	2,400.0	-	**5,600.0**	-	5,600.0
Federal Highway Administration Grants	-	-	575.0	**575.0**	3,750.0	2,200.0	6,525.0	6,525.0	**19,575.0**	-	19,575.0
Highway User Revenue Fund	-	-	35.0	**35.0**	467.0	302.0	565.0	565.0	**1,934.0**	-	1,934.0
	-	**-**	**610.0**	**610.0**	**5,817.0**	**4,102.0**	**9,490.0**	**7,090.0**	**27,109.0**	**-**	**27,109.0**
Santa Rita Park Pedestrian Enhancements											
Federal Highway Administration Grants	-	186.0	-	**186.0**	-	-	-	-	**186.0**	-	186.0
Highway User Revenue Fund	94.5	-	11.0	**11.0**	-	-	-	-	**11.0**	-	105.5
Regional Transportation Authority Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	200.0
	94.5	**186.0**	**211.0**	**397.0**	**-**	**-**	**-**	**-**	**397.0**	**-**	**491.5**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Sidewalk Improvements: DOJ Compliance											
General Fund: Certificates of Participation	532.9	-	-	**-**	-	-	-	-	**-**	-	532.9
General Fund: Restricted Revenues	0.2	-	-	**-**	-	-	-	-	**-**	-	0.2
Highway User Revenue Fund	7.3	-	-	**-**	-	-	-	-	**-**	-	7.3
Regional Transportation Authority Fund	1,300.0	-	95.9	**95.9**	-	-	-	-	**95.9**	-	1,395.9
	1,840.4	**-**	**95.9**	**95.9**	**-**	**-**	**-**	**-**	**95.9**	**-**	**1,936.3**
Sidewalk Improvements: RTA Program											
Highway User Revenue Fund	9.1	-	-	**-**	-	-	-	-	**-**	-	9.1
Regional Transportation Authority Fund	2,008.2	-	2,685.0	**2,685.0**	-	-	-	-	**2,685.0**	-	4,693.2
	2,017.3	**-**	**2,685.0**	**2,685.0**	**-**	**-**	**-**	**-**	**2,685.0**	**-**	**4,702.3**
Silverbell: Ina to Grant Road											
Regional Transportation Authority Fund	100.0	400.0	1,000.0	**1,400.0**	2,083.0	8,580.0	7,250.0	773.0	**20,086.0**	22,467.0	42,653.0
	100.0	**400.0**	**1,000.0**	**1,400.0**	**2,083.0**	**8,580.0**	**7,250.0**	**773.0**	**20,086.0**	**22,467.0**	**42,653.0**
South 4th Avenue Streetscape Enhancement											
Capital Agreement Fund	29.9	-	-	**-**	-	-	-	-	**-**	-	29.9
Federal Highway Administration Grants	10.8	300.0	-	**300.0**	-	-	-	-	**300.0**	-	310.8
Highway User Revenue Fund	177.0	-	18.0	**18.0**	-	-	-	-	**18.0**	-	195.0
	217.7	**300.0**	**18.0**	**318.0**	**-**	**-**	**-**	**-**	**318.0**	**-**	**535.7**
Speedway and Main Intersection Improvements											
2000 Street and Highway Revenue Bond Funds	49.8	-	-	**-**	-	-	-	-	**-**	-	49.8
Capital Agreement Fund: PAG	734.7	100.0	515.3	**615.3**	-	-	-	-	**615.3**	-	1,350.0
Highway User Revenue Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
	785.8	**100.0**	**515.3**	**615.3**	**-**	**-**	**-**	**-**	**615.3**	**-**	**1,401.1**
Speedway/Union Pacific Underpass											
Federal Highway Administration Grants	-	-	600.0	**600.0**	10,040.0	-	-	-	**10,640.0**	-	10,640.0
Regional Transportation Authority Fund	-	-	100.0	**100.0**	100.0	-	-	-	**200.0**	-	200.0
	-	**-**	**700.0**	**700.0**	**10,140.0**	**-**	**-**	**-**	**10,840.0**	**-**	**10,840.0**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Speedway: Camino Seco to Houghton											
Highway User Revenue Fund: In-Lieu Fees	307.0	-	-	**-**	-	-	-	-	**-**	-	307.0
Regional Transportation Authority Fund	913.4	-	6,136.0	**6,136.0**	6,136.0	-	-	-	**12,272.0**	-	13,185.4
Road & Park Impact Fee Fund: East District	-	-	-	**-**	-	3,000.0	-	-	**3,000.0**	-	3,000.0
	1,220.4	**-**	**6,136.0**	**6,136.0**	**6,136.0**	**3,000.0**	**-**	**-**	**15,272.0**	**-**	**16,492.4**
Starr Pass and Mission Intersection Improvements											
Highway User Revenue Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
Regional Transportation Authority Fund	423.3	50.0	1,088.3	**1,138.3**	2,288.4	-	-	-	**3,426.7**	-	3,850.0
	424.6	**50.0**	**1,088.3**	**1,138.3**	**2,288.4**	**-**	**-**	**-**	**3,426.7**	**-**	**3,851.3**
Stone Ave: Drachman and Speedway Improvements											
1994 Street and Highway Revenue Bond Funds	569.8	-	-	**-**	-	-	-	-	**-**	-	569.8
Capital Agreement Fund: PAG	1,318.6	-	250.0	**250.0**	750.0	6,500.0	-	-	**7,500.0**	-	8,818.6
	1,888.4	**-**	**250.0**	**250.0**	**750.0**	**6,500.0**	**-**	**-**	**7,500.0**	**-**	**9,388.4**
Stone Avenue: Pedestrian Safety Improvements											
Federal Highway Administration Grants	30.7	185.0	-	**185.0**	-	-	-	-	**185.0**	-	215.7
Highway User Revenue Fund	24.0	16.0	-	**16.0**	-	-	-	-	**16.0**	-	40.0
	54.7	**201.0**	**-**	**201.0**	**-**	**-**	**-**	**-**	**201.0**	**-**	**255.7**
Tanque Verde and Dos Hombres Intersection											
Road & Park Impact Fee Fund: East District	81.4	150.0	18.6	**168.6**	-	-	-	-	**168.6**	-	250.0
	81.4	**150.0**	**18.6**	**168.6**	**-**	**-**	**-**	**-**	**168.6**	**-**	**250.0**
Treat Avenue Pedestrian Bridge											
Federal Highway Administration Grants	-	166.0	-	**166.0**	-	-	-	-	**166.0**	-	166.0
Highway User Revenue Fund	5.0	-	-	**-**	-	-	-	-	**-**	-	5.0
Regional Transportation Authority Fund	-	-	25.0	**25.0**	-	-	-	-	**25.0**	-	25.0
	5.0	**166.0**	**25.0**	**191.0**	**-**	**-**	**-**	**-**	**191.0**	**-**	**196.0**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Tyndall Avenue Enhancements											
Federal Highway Administration Grants	200.0	200.0	-	**200.0**	250.0	-	-	-	**450.0**	-	650.0
Highway User Revenue Fund	28.0	-	-	**-**	7.0	-	-	-	**7.0**	-	35.0
	228.0	**200.0**	**-**	**200.0**	**257.0**	**-**	**-**	**-**	**457.0**	**-**	**685.0**

Transportation - Streets

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Wilmot at Park Place Intersection Improvements											
Highway User Revenue Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	1.3
Regional Transportation Authority Fund	215.6	-	2,967.4	**2,967.4**	-	-	-	-	**2,967.4**	-	3,183.0
	216.9	**-**	**2,967.4**	**2,967.4**	**-**	**-**	**-**	**-**	**2,967.4**	**-**	**3,184.3**
Program Area Total	**97,852.1**	**9,112.0**	**66,541.6**	**75,653.6**	**94,611.6**	**83,051.0**	**66,538.0**	**55,319.8**	**375,174.0**	**330,579.0**	**803,605.1**
Source of Funds Summary											
1994 Street and Highway Revenue Bond Funds	569.8	-	-	**-**	-	-	-	-	**-**	-	569.8
2000 Street and Highway Revenue Bond Funds	2,668.5	-	-	**-**	-	-	-	-	**-**	-	2,668.5
Capital Agreement Fund	29.9	-	-	**-**	-	-	-	-	**-**	-	29.9
Capital Agreement Fund: PAG	47,143.9	100.0	3,892.3	**3,992.3**	2,465.0	8,100.0	4,900.0	2,500.0	**21,957.3**	6,920.2	76,021.4
Capital Agreement Fund: Pima County Bonds	2,092.5	-	2,497.1	**2,497.1**	6,037.3	9,211.4	8,000.0	7,658.8	**33,404.6**	-	35,497.1
Federal Highway Administration Grants	15,058.6	1,522.0	3,783.4	**5,305.4**	16,796.0	6,000.0	18,275.0	6,525.0	**52,901.4**	-	67,960.0
General Fund: Certificates of Participation	532.9	-	-	**-**	-	-	-	-	**-**	-	532.9
General Fund: Restricted Revenues	358.0	-	-	**-**	-	-	-	-	**-**	-	358.0
Highway User Revenue Fund	3,062.1	27.0	375.0	**402.0**	814.5	614.0	865.0	865.0	**3,560.5**	-	6,622.6
Highway User Revenue Fund: Contributions	-	-	200.0	**200.0**	200.0	200.0	200.0	200.0	**1,000.0**	-	1,000.0
Highway User Revenue Fund: In-Lieu Fees	488.0	-	1,000.0	**1,000.0**	1,000.0	1,000.0	1,000.0	1,000.0	**5,000.0**	-	5,488.0
Highway User Revenue Fund: Restricted, Section D	105.0	-	-	**-**	-	-	-	-	**-**	-	105.0
Regional Transportation Authority Fund	21,676.0	3,600.0	46,602.2	**50,202.2**	57,960.4	54,585.0	33,298.0	36,571.0	**232,616.6**	323,658.8	577,951.4
Road & Park Impact Fee Fund: Central District	-	-	-	**-**	3,150.0	-	-	-	**3,150.0**	-	3,150.0
Road & Park Impact Fee Fund: East District	284.8	583.0	2,541.6	**3,124.6**	2,500.0	3,340.6	-	-	**8,965.2**	-	9,250.0
Road & Park Impact Fee Fund: Southeast District	420.5	80.0	-	**80.0**	-	-	-	-	**80.0**	-	500.5
Road & Park Impact Fee Fund: West District	200.0	1,300.0	850.0	**2,150.0**	150.0	-	-	-	**2,300.0**	-	2,500.0
State Infrastructure Bank Federal Pass-Through	3,161.6	1,900.0	4,800.0	**6,700.0**	3,538.4	-	-	-	**10,238.4**	-	13,400.0
Program Area Total	**97,852.1**	**9,112.0**	**66,541.6**	**75,653.6**	**94,611.6**	**83,051.0**	**66,538.0**	**55,319.8**	**375,174.0**	**330,579.0**	**803,605.1**

Transportation - Streets

($000)

22nd Street: I-10 to Tucson Boulevard

Project ID: SR5A
Start Date: 7/07
End Date: 7/23
Location: Wards 1 and 5

Description:
Design and construct improvements along this segment of the 22nd Street corridor; the selection of an alignment will be approved by the Mayor and Council. Improvements will include widening 22nd Street to a 6-lane, divided roadway with full urban amenities, including storm drains, sidewalks, street lighting, and landscaping.

Justification:
This project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	1.6	-	-	**-**	-	-	-	-	**-**	-	**1.6**
Regional Transportation Authority Fund	2,000.8	-	4,500.0	**4,500.0**	8,500.0	16,500.0	6,132.0	15,000.0	**50,632.0**	52,320.0	**104,952.8**
Road & Park Impact Fee Fund: Central District	-	-	-	**-**	3,000.0	-	-	-	**3,000.0**	-	**3,000.0**
Total	2,002.4	-	4,500.0	**4,500.0**	11,500.0	16,500.0	6,132.0	15,000.0	**53,632.0**	52,320.0	**107,954.4**

6th Street & Highland Intersection Improvements

Project ID: SN06
Start Date: 7/10
End Date: 6/11
Location: Ward 6

Description:
Construct minor improvements to the intersection of 6th Street and Highland Avenue to improve safety for motorists and bicyclists on the south leg of the intersection.

Justification:
Funding was allocated through the Regional Transportation Authority for these improvements.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	-	50.0	**50.0**	125.0	-	-	-	**175.0**	-	**175.0**
Total	-	-	50.0	**50.0**	125.0	-	-	-	**175.0**	-	**175.0**

Transportation - Streets

($000)

Alternate Modes Improvements

Project ID: S109
Start Date: 7/09
End Date: 6/12
Location: Ward 3

Description:
Design and construct an off-road multi-use path along Tucson Boulevard, from Prince Road north to the Rillito River.

Justification:
These improvements are needed to provide safe access for alternate modes along Tucson Boulevard.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Federal Highway Administration Grants	-	-	100.0	**100.0**	200.0	200.0	-	-	**500.0**	-	**500.0**
Highway User Revenue Fund	26.5	-	6.0	**6.0**	12.0	12.0	-	-	**30.0**	-	**56.5**
Total	26.5	-	106.0	**106.0**	212.0	212.0	-	-	**530.0**	-	**556.5**

Barraza-Aviation Downtown Links, Phase I

Project ID: S30N
Start Date: 7/95
End Date: 6/20
Location: Wards 1 and 6

Description:
Design and construct a 4-lane roadway from 6th to Broadway Boulevard (east of railroad tracks). The local match requirement for Regional Transportation Authority funding has been satisfied by expenditures on other segments of the Barraza-Aviation Parkway. [Funding in Fiscal Years 2012 through 2014 is pending a revision of the Regional Transportation Improvement Program.]

Justification:
These improvements will support downtown revitalization and improve traffic flow. These improvements also support the Barraza-Aviation Parkway.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Capital Agreement Fund: PAG	1,609.8	-	-	**-**	-	-	-	-	**-**	6,920.2	**8,530.0**
Highway User Revenue Fund	0.1	-	-	**-**	-	-	-	-	**-**	-	**0.1**
Regional Transportation Authority Fund	2,029.8	-	10,350.0	**10,350.0**	-	-	-	-	**10,350.0**	63,754.2	**76,134.0**
Total	3,639.7	-	10,350.0	**10,350.0**	-	-	-	-	**10,350.0**	70,674.4	**84,664.1**

Transportation - Streets

($000)

Barraza-Aviation Parkway: 4th Avenue Underpass

Project ID: S30B
Start Date: 7/96
End Date: 6/11
Location: Wards 1 and 6 (within Rio Nuevo District)

Description:
Design and construct a new underpass for automobile traffic on 4th Avenue adjacent to the existing underpass. The existing underpass will be renovated for pedestrian and bicycle traffic. Other project improvements will include sidewalks, lighting, storm drainage extending from 4th Avenue to Broadway Boulevard, public art, landscaped plazas, and two bicycle and pedestrian bridges.

Justification:
These improvements will support downtown revitalization effort by improving automobile, pedestrian, and bicycle access from 4th Avenue to downtown.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: PAG	41,915.0	-	3,127.0	**3,127.0**	115.0	-	-	-	**3,242.0**	-	**45,157.0**
General Fund: Restricted Revenues	62.6	-	-	**-**	-	-	-	-	**-**	-	**62.6**
Highway User Revenue Fund	4.8	-	-	**-**	-	-	-	-	**-**	-	**4.8**
Highway User Revenue Fund: Restricted, Section D	103.7	-	-	**-**	-	-	-	-	**-**	-	**103.7**
Total	42,086.1	-	3,127.0	**3,127.0**	115.0	-	-	-	**3,242.0**	-	**45,328.1**

Bicycle Lane Improvements: RTA Program

Project ID: SY02
Start Date: 9/09
End Date: 3/10
Location: Citywide

Description:
Design and construct approximately 10 miles of bicycle lane improvements on various arterial streets.

Justification:
Funding was allocated through the Rgional Transportation Authority (RTA) for these improvements, which will improve bicyclist and motorist safety and encourage the use of alternate modes of transportation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	-	620.0	**620.0**	-	-	-	-	**620.0**	-	**620.0**
Total	-	-	620.0	**620.0**	-	-	-	-	**620.0**	-	**620.0**

Transportation - Streets

($000)

Broadway: Euclid to Campbell

Project ID: S352
Start Date: 7/05
End Date: 6/14
Location: Wards 5 and 6 (within Rio Nuevo District)

Description:
Design and construct one mile of Broadway Boulevard into a 6-lane, divided cross-section roadway with a transit lane. The one mile section will be upgraded to a full urban roadway, including continuous sidewalks, street lighting, landscaping, and storm drains. This work will be consistent with the Mayor and Council-approved Broadway Corridor Study.

Justification:
These improvements are needed to alleviate congestion along Broadway Boulevard.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	1,341.2	-	-	**-**	-	8,000.0	8,000.0	7,658.8	**23,658.8**	-	**25,000.0**
Total	1,341.2	-	-	**-**	-	8,000.0	8,000.0	7,658.8	**23,658.8**	-	**25,000.0**

Broadway: Euclid to Country Club

Project ID: SR3A
Start Date: 1/07
End Date: 6/16
Location: Wards 5 and 6 (within Rio Nuevo District)

Description:
Design and construct the Broadway corridor project that will widen Broadway to six lanes plus bus lanes. Phase I will include the re-evaluation and selection of an alignment that will be approved by the Mayor and Council. Subsequent phases will include roadway planning and design.

Justification:
This project was approved by Mayor and Council on January 23, 2007 for Regional Transportation Authority funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	0.2	-	-	**-**	-	-	-	-	**-**	-	**0.2**
Highway User Revenue Fund: In-Lieu Fees	44.2	-	-	**-**	-	-	-	-	**-**	-	**44.2**
Regional Transportation Authority Fund	154.9	500.0	500.0	**1,000.0**	4,902.0	9,804.0	9,804.0	9,804.0	**35,314.0**	6,656.1	**42,125.0**
Total	199.3	500.0	500.0	**1,000.0**	4,902.0	9,804.0	9,804.0	9,804.0	**35,314.0**	6,656.1	**42,169.4**

Transportation - Streets

($000)

Bus Pullouts, Package 4

Project ID: SB04
Start Date: 12/08
End Date: 6/10
Location: Wards 1, 5, and 6

Description:
Design and construct bus pullouts at six intersections: Grant and Silverbell (eastbound), 6th and Euclid (northbound), 6th and Highland, 6th and Campbell (westbound), 5th and Alvernon (southbound), and 22nd and Country Club (southbound).

Justification:
Funding for these improvements, which will help to alleviate traffic congestion, was allocated through the Regional Transportation Authority

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	150.0	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**650.0**
Total	150.0	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**650.0**

Cambio Grande Street Revitalization

Project ID: S035
Start Date: 1/06
End Date: 6/10
Location: Ward 1

Description:
Design and construct pedestrian enhancements along Grande Avenue, between St. Mary's Road and Speedway Boulevard.

Justification:
This is a federal Transportation Enhancement Grant project; as a condition of receiving federal funds a percentage must be used on such enhancements, which are intended to encourage use of alternate modes of transportation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	-	-	497.1	**497.1**	-	-	-	-	**497.1**	-	**497.1**
Federal Highway Administration Grants	-	467.0	-	**467.0**	-	-	-	-	**467.0**	-	**467.0**
Highway User Revenue Fund	30.6	11.0	-	**11.0**	-	-	-	-	**11.0**	-	**41.6**
Highway User Revenue Fund: In-Lieu Fees	27.5	-	-	**-**	-	-	-	-	**-**	-	**27.5**
Total	58.1	478.0	497.1	**975.1**	-	-	-	-	**975.1**	-	**1,033.2**

Transportation - Streets

($000)

Camino Seco: Speedway to Wrightstown

Project ID: SM04
Start Date: 7/07
End Date: 6/12
Location: Ward 2

Description:
Design and construct improvements to this segment of Camino Seco that will widen it from a two-lane strip-paved roadway to a four-lane divided roadway with stormdrains, sidewalks, street lighting, bicycle lanes, and landscaping.

Justification:
The land adjacent to Camino Seco is fully developed and the roadway needs to reflect an urban cross-section. These improvements will increase the traffic-carrying capacity of the roadway and improve the flow of traffic.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	-	**-**	-	2,500.0	-	-	**2,500.0**	-	**2,500.0**
Regional Transportation Authority Fund	-	-	800.0	**800.0**	-	-	-	-	**800.0**	-	**800.0**
Road & Park Impact Fee Fund: East District	126.4	33.0	2,500.0	**2,533.0**	2,500.0	340.6	-	-	**5,373.6**	-	**5,500.0**
Total	126.4	33.0	3,300.0	**3,333.0**	2,500.0	2,840.6	-	-	**8,673.6**	-	**8,800.0**

Campbell Avenue Revitalization

Project ID: S237
Start Date: 7/06
End Date: 6/11
Location: Ward 3

Description:
Design and construct streetscape improvements along Campbell Avenue between Ft. Lowell and Grant Roads.

The city has received a federal grant award of $199,565; the remaining federal funds budgeted are pending future grant awards. Additional funding from the Regional Transportation Authority is also under review.

Justification:
These improvements will promote the revitalization of this commercial corridor.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	186.5	-	200.0	**200.0**	608.0	-	-	-	**808.0**	-	**994.5**
Highway User Revenue Fund	26.0	-	-	**-**	-	-	-	-	**-**	-	**26.0**
Total	212.5	-	200.0	**200.0**	608.0	-	-	-	**808.0**	-	**1,020.5**

Transportation - Streets

($000)

Columbus Corridor Pedestrian Path

Project ID: S189
Start Date: 7/09
End Date: 6/11
Location: Ward 6

Description:
Design and construct an off-street pedestrian path along Columbus Boulevard between Timrod Street and 22nd Street.

Federal funds are pending a future grant award.

Justification:
A federal Transportation Enhancement grant was awarded for this project. Funds from the Regional Transportation Authority are being used for the local match and for expenditures not covered by the grant.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	-	**-**	190.0	-	-	-	**190.0**	-	**190.0**
Highway User Revenue Fund	3.0	-	-	**-**	-	-	-	-	**-**	-	**3.0**
Regional Transportation Authority Fund	-	-	12.0	**12.0**	13.0	-	-	-	**25.0**	-	**25.0**
Total	3.0	-	12.0	**12.0**	203.0	-	-	-	**215.0**	-	**218.0**

El Camino del Cerro Reconstruction

Project ID: SM06
Start Date: 7/07
End Date: 6/10
Location: Ward 1

Description:
Reconstruct El Camino del Cerro to a 3-lane cross-section with pedestrian pathways.

Justification:
This roadway has reached its capacity and is in need of safety and congestion relief improvements.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: West District	200.0	1,300.0	850.0	**2,150.0**	150.0	-	-	-	**2,300.0**	-	**2,500.0**
Total	200.0	1,300.0	850.0	**2,150.0**	150.0	-	-	-	**2,300.0**	-	**2,500.0**

Transportation - Streets

($000)

El Paso and Southwestern Greenway

Project ID: SP01
Start Date: 7/08
End Date: 6/11
Location: Wards 1 and 5

Description:
Design and construct a multi-use recreational greenway along the former El Paso and Southwestern Railroad tracks. Improvements will include a dual-path system, landscaping, pedestrian-level lighting, and enhanced crossings at major streets.

Justification:
Funding for this project has been allocated by the Regional Transportation Authority to promote the use of alternate modes of transportation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	-	**-**	458.0	-	-	-	**458.0**	-	**458.0**
Highway User Revenue Fund	0.4	-	-	**-**	-	-	-	-	**-**	-	**0.4**
Regional Transportation Authority Fund	78.2	-	542.3	**542.3**	279.5	-	-	-	**821.8**	-	**900.0**
Total	78.6	-	542.3	**542.3**	737.5	-	-	-	**1,279.8**	-	**1,358.4**

Five Points Transportation Enhancement

Project ID: S196
Start Date: 7/08
End Date: 6/11
Location: Wards 5 and 6

Description:
Construct various pedestrian and streetscape improvements in the vicinity of the Stone Avenue/6th Avenue/18th Street intersection.

Justification:
A federal Transportation Enhancement grant was awarded for this project, which will improve access to alternate modes of transportation. Funds from the Regional Transportation Authority are being used as local match and to supplement grant funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	494.4	**494.4**	500.0	-	-	-	**994.4**	-	**994.4**
Highway User Revenue Fund	3.0	-	3.2	**3.2**	28.5	-	-	-	**31.7**	-	**34.7**
Regional Transportation Authority Fund	-	-	25.0	**25.0**	-	-	-	-	**25.0**	-	**25.0**
Total	3.0	-	522.6	**522.6**	528.5	-	-	-	**1,051.1**	-	**1,054.1**

Transportation - Streets

($000)

Ft. Lowell & Campbell Intersection Improvements

Project ID: SN03
Start Date: 12/06
End Date: 6/11
Location: Ward 3

Description:
Design and construct improvements at the intersection of Ft. Lowell Road and Campbell Avenue consisting of right turn lanes and bus pullouts. Continuous sidewalks, upgraded traffic signals, and drainage improvements will also be constructed.

Justification:
This project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority funding; improvements will increase the intersection's capacity and enhance traffic safety.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	27.8	-	-	**-**	-	-	-	-	**-**	-	**27.8**
Regional Transportation Authority Fund	223.2	-	1,700.0	**1,700.0**	2,926.8	-	-	-	**4,626.8**	-	**4,850.0**
Road & Park Impact Fee Fund: Central District	-	-	-	**-**	150.0	-	-	-	**150.0**	-	**150.0**
Total	251.0	-	1,700.0	**1,700.0**	3,076.8	-	-	-	**4,776.8**	-	**5,027.8**

Golf Links and Kolb Intersection Design

Project ID: SM05
Start Date: 7/07
End Date: 6/12
Location: Ward 4

Description:
Design intersection improvements, including dual left turn lanes, right turn lanes, and bus pullouts. The project total is estimated at $2 million, but construction will have to wait for future impact fee revenues or an allocation from the Regional Transportation Authority that is under review.

Justification:
This project is necessary due to congestion and safety issues at this intersection.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: Southeast District	420.5	80.0	-	**80.0**	-	-	-	-	**80.0**	-	**500.5**
Total	420.5	80.0	-	**80.0**	-	-	-	-	**80.0**	-	**500.5**

Transportation - Streets

($000)

Golf Links and Wilmot Intersection Improvements

Project ID: SN02
Start Date: 12/06
End Date: 6/11
Location: Ward 4

Description:
Design and construct improvements at the intersection of Golf Links Road and Wilmot Road, consisting of dual left turn lanes, right turn lanes, and bus pullouts. Continuous sidewalks, upgraded traffic signals, and drainage improvements will also be constructed.

Justification:
These improvements will enhance traffic safety at this intersection. The project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	2.5	-	-	**-**	-	-	-	-	**-**	-	**2.5**
Regional Transportation Authority Fund	315.2	50.0	500.0	**550.0**	1,084.8	-	-	-	**1,634.8**	-	**1,950.0**
Total	317.7	50.0	500.0	**550.0**	1,084.8	-	-	-	**1,634.8**	-	**1,952.5**

Grant and Craycroft Intersection Improvement

Project ID: SN01
Start Date: 12/06
End Date: 12/10
Location: Wards 2 and 6

Description:
Construct improvements at the intersection of Grant Road and Craycroft Road, consisting of dual left turn lanes, right turn lanes, and bus pullouts. Continuous sidewalks, upgraded traffic signals, and drainage improvements will also be constructed.

Justification:
These improvements will enhance traffic safety at this intersection. The project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	2.3	-	-	**-**	-	-	-	-	**-**	-	**2.3**
Regional Transportation Authority Fund	2,039.7	2,400.0	1,332.3	**3,732.3**	-	-	-	-	**3,732.3**	-	**5,772.0**
Total	2,042.0	2,400.0	1,332.3	**3,732.3**	-	-	-	-	**3,732.3**	-	**5,774.3**

Transportation - Streets

($000)

Grant Road Corridor Improvements

Project ID: SR2X_C
Start Date: 1/07
End Date: 7/22
Location: Wards 2, 3, and 6

Description:
Design and construct improvements along Grant Road from Oracle to Swan. Grant Road will be widened to a six-lane divided cross-section with full urban roadway amenities. The alignment for the project was approved by Mayor and Council in January 2009.

Note: Completion of the project is contingent upon the local match of $6 million, which will come from future impact fee revenues.

Justification:
This project was approved by Mayor and Council on January 23, 2007 for Regional Transportation Authority funding. It will improve the traffic-carrying capacity of the roadway.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: PAG	-	-	-	**-**	-	-	2,500.0	2,500.0	**5,000.0**	-	**5,000.0**
Highway User Revenue Fund	3.6	-	-	**-**	-	-	-	-	**-**	-	**3.6**
Highway User Revenue Fund: In-Lieu Fees	0.1	-	-	**-**	-	-	-	-	**-**	-	**0.1**
Regional Transportation Authority Fund	4,024.0	-	3,163.0	**3,163.0**	14,632.0	14,769.0	9,612.0	10,494.0	**52,670.0**	104,156.0	**160,850.0**
Total	4,027.7	-	3,163.0	**3,163.0**	14,632.0	14,769.0	12,112.0	12,994.0	**57,670.0**	104,156.0	**165,853.7**

Harrison and Wrightstown Curve Design

Project ID: SM03
Start Date: 7/07
End Date: 6/10
Location: Ward 2

Description:
Design and construct a center left turn lane through the Harrison and Wrightstown curve.

Justification:
This project is necessary due to congestion and safety issues at this road curve.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Road & Park Impact Fee Fund: East District	77.0	400.0	23.0	**423.0**	-	-	-	-	**423.0**	-	**500.0**
Total	77.0	400.0	23.0	**423.0**	-	-	-	-	**423.0**	-	**500.0**

Transportation - Streets

($000)

Harrison Road: Speedway to Old Spanish Trail

Project ID: S025
Start Date: 7/01
End Date: 6/10
Location: Ward 2

Description:
Design and construct a 4-lane divided arterial roadway with curbs, sidewalks, storm drains, street lighting, bike lanes, and landscaping.

Justification:
These improvements will improve traffic safety and increase roadway-carrying capacity.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Street and Highway Revenue Bond Funds	2,207.7	-	-	**-**	-	-	-	-	**-**	-	**2,207.7**
Capital Agreement Fund: PAG	1,565.8	-	-	**-**	-	-	-	-	**-**	-	**1,565.8**
Federal Highway Administration Grants	13,305.5	-	12.0	**12.0**	-	-	-	-	**12.0**	-	**13,317.5**
Highway User Revenue Fund	360.2	-	0.8	**0.8**	-	-	-	-	**0.8**	-	**361.0**
Total	17,439.2	-	12.8	**12.8**	-	-	-	-	**12.8**	-	**17,452.0**

Highland Avenue Bike and Pedestrian Improvements

Project ID: S149
Start Date: 3/99
End Date: 6/10
Location: Wards 5 and 6

Description:
Design and construct streetscape improvements along Highland Avenue from 6th Street to Arroyo Chico. Improvements will include sidewalks, bike lanes, landscaping, and street lighting.

Justification:
These improvements will enhance the alternate modes opportunities along Highland Avenue.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	1,325.1	18.0	3.0	**21.0**	-	-	-	-	**21.0**	-	**1,346.1**
Highway User Revenue Fund	331.7	-	1.0	**1.0**	-	-	-	-	**1.0**	-	**332.7**
Total	1,656.8	18.0	4.0	**22.0**	-	-	-	-	**22.0**	-	**1,678.8**

Transportation - Streets

($000)

Houghton Road Bridge Replacement

Project ID: S150
Start Date: 7/06
End Date: 6/12
Location: Ward 4

Description:
Design and construct the bridge segment of Houghton Road to six lanes.

Justification:
This is a State of Arizona project with a federal earmark under the Safe Accountable Flexible Efficient Transportation Equity Act - Legacy for Users Program.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	1,300.0	**1,300.0**	800.0	1,100.0	-	-	**3,200.0**	-	**3,200.0**
Highway User Revenue Fund: In-Lieu Fees	24.3	-	-	**-**	-	-	-	-	**-**	-	**24.3**
Regional Transportation Authority Fund	-	-	300.0	**300.0**	200.0	300.0	-	-	**800.0**	-	**800.0**
Total	24.3	-	1,600.0	**1,600.0**	1,000.0	1,400.0	-	-	**4,000.0**	-	**4,024.3**

Houghton Road Corridor Improvements

Project ID: SR1X_C
Start Date: 7/06
End Date: 6/21
Location: Wards 2 and 4

Description:
Design and construct Houghton Road from four lanes to six lanes from I-10 to Tanque Verde. The widening project will include a desert parkway, bike lanes, and sidewalks.

Note: Additional non-RTA funding of $65,300,000 is projected to be needed to complete the project.

Justification:
This project was approved by Mayor and Council on May 1, 2007 for Regional Transportation Authority (RTA) funding and will improve the traffic-carrying capacity of this roadway in a growth area.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	0.4	-	-	**-**	-	-	-	-	**-**	-	**0.4**
Highway User Revenue Fund: In-Lieu Fees	84.9	-	-	**-**	-	-	-	-	**-**	-	**84.9**
Regional Transportation Authority Fund	5,479.6	-	5,500.0	**5,500.0**	10,056.9	-	-	-	**15,556.9**	74,305.5	**95,342.0**
Total	5,564.9	-	5,500.0	**5,500.0**	10,056.9	-	-	-	**15,556.9**	74,305.5	**95,427.3**

Transportation - Streets

($000)

Intersection Improvements: RTA FY 2009 Program

Project ID: SN09
Start Date: 7/09
End Date: 6/10
Location: Citywide

Description:
Design and/or construct intersection improvements. Probable locations include Grant and Rosemont, Oracle and Auto Mall, St. Mary's and Silverbell, Tanque Verde and Pima, and Wilmot and Nicaragua.

Justification:
Funding was allocated through the Regional Transportation Authority for these improvements, which will improve the intersection's traffic-carrying capacity and enhance motorist safety.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	-	950.0	**950.0**	-	-	-	-	**950.0**	-	**950.0**
Total	-	-	950.0	**950.0**	-	-	-	-	**950.0**	-	**950.0**

Kino Parkway Overpass at 22nd Street

Project ID: S351
Start Date: 7/05
End Date: 6/12
Location: Ward 5

Description:
Design and construct an overpass for Kino Parkway at 22nd Street. Improvements will include signal coordination along 22nd Street and on- and off-ramps for improved access.

Justification:
These improvements are needed to reduce congestion at the Kino Parkway and 22nd Street intersection and improve traffic flow along both roads. Funding is subject to Pima County's 1997 Highway Bond sale schedule.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: Pima County Bonds	751.3	-	2,000.0	**2,000.0**	6,037.3	1,211.4	-	-	**9,248.7**	-	**10,000.0**
Total	751.3	-	2,000.0	**2,000.0**	6,037.3	1,211.4	-	-	**9,248.7**	-	**10,000.0**

Transportation - Streets

($000)

Kolb Road Connection to Sabino Canyon

Project ID: SR8A
Start Date: 7/09
End Date: 6/13
Location: Ward 2

Description:
Design and construct a new road stretching from the intersection of Sabino Canyon and Tanque Verde to just north of the intersection at Kolb Road and Speedway Boulevard.

Note: The $11.75 million budgeted in Fiscal Year 2013 is pending the award of a federal grant.

Justification:
This project was approved as part of the May 2006 Regional Transportation Plan and will improve regional traffic circulation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	-	**-**	-	-	11,750.0	-	**11,750.0**	-	**11,750.0**
Regional Transportation Authority Fund	220.0	200.0	430.0	**630.0**	4,133.0	4,132.0	-	-	**8,895.0**	-	**9,115.0**
Total	220.0	200.0	430.0	**630.0**	4,133.0	4,132.0	11,750.0	-	**20,645.0**	-	**20,865.0**

Miscellaneous Developer-Funded Improvements

Project ID: S183
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Budget capacity to design and construct improvements within the public right-of-way. Funding for this project is from contributions made by developers and from in-lieu fees paid by developers.

Justification:
This project provides budget capacity for developer-funded improvements.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund: Contributions	-	-	200.0	**200.0**	200.0	200.0	200.0	200.0	**1,000.0**	-	**1,000.0**
Highway User Revenue Fund: In-Lieu Fees	-	-	1,000.0	**1,000.0**	1,000.0	1,000.0	1,000.0	1,000.0	**5,000.0**	-	**5,000.0**
Total	-	-	1,200.0	**1,200.0**	1,200.0	1,200.0	1,200.0	1,200.0	**6,000.0**	-	**6,000.0**

Transportation - Streets

($000)

Miscellaneous Street Improvements

Project ID: S100
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Budget capacity to design and construct minor street and spot improvements. Specific locations will be identified annually. Typical improvements include manhole reconstructions, railroad grade crossing modifications, and curb reconstructions.

Justification:
This project allows for the immediate response to minor infrastructure needs.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	-	-	300.0	**300.0**	300.0	300.0	300.0	300.0	**1,500.0**	-	**1,500.0**
Total	-	-	300.0	**300.0**	300.0	300.0	300.0	300.0	**1,500.0**	-	**1,500.0**

Mountain Avenue: Roger Road to Ft. Lowell Road

Project ID: S022
Start Date: 7/99
End Date: 6/11
Location: Ward 3

Description:
Design and construct roadway improvements that are consistent with the improvements along Mountain Avenue, south of Ft. Lowell Road, including curbing, storm drainage, bike lanes, and landscaping.

Justification:
These improvements will complete the alternate modes corridor established along other segments of Mountain Avenue and continue the city's commitment to drainage and flood control.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Street and Highway Revenue Bond Funds	411.0	-	-	**-**	-	-	-	-	**-**	-	**411.0**
General Fund: Restricted Revenues	295.2	-	-	**-**	-	-	-	-	**-**	-	**295.2**
Highway User Revenue Fund	1,885.6	-	-	**-**	-	-	-	-	**-**	-	**1,885.6**
Highway User Revenue Fund: Restricted, Section D	1.3	-	-	**-**	-	-	-	-	**-**	-	**1.3**
State Infrastructure Bank Federal Pass-Through	3,161.6	1,900.0	4,800.0	**6,700.0**	3,538.4	-	-	-	**10,238.4**	-	**13,400.0**
Total	5,754.7	1,900.0	4,800.0	**6,700.0**	3,538.4	-	-	-	**10,238.4**	-	**15,993.1**

Transportation - Streets

($000)

Park Avenue Transportation Enhancement

Project ID: S194
Start Date: 7/09
End Date: 6/10
Location: Ward 3

Description:
Construct various pedestrian and streetscape improvements along Park Avenue between Glenn Street and Speedway Boulevard.

Justification:
A Federal Transportation Enhancement Grant was awarded for this project. Approved funding from the Regional Transportation Authority will provide the required local match for compliance with this grant.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	499.0	**499.0**	-	-	-	-	**499.0**	-	**499.0**
Highway User Revenue Fund	3.0	-	-	**-**	-	-	-	-	**-**	-	**3.0**
Regional Transportation Authority Fund	-	-	30.0	**30.0**	-	-	-	-	**30.0**	-	**30.0**
Total	3.0	-	529.0	**529.0**	-	-	-	-	**529.0**	-	**532.0**

Road Resurfacing, Restoration, & Rehabilitation

Project ID: S108
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Resurface, restore, and rehabilitate pavements on eligible arterial and collector streets.

Justification:
These improvements will maintain safe roadway surfaces and structural integrity.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund: PAG	-	-	-	**-**	1,600.0	1,600.0	2,400.0	-	**5,600.0**	-	**5,600.0**
Federal Highway Administration Grants	-	-	575.0	**575.0**	3,750.0	2,200.0	6,525.0	6,525.0	**19,575.0**	-	**19,575.0**
Highway User Revenue Fund	-	-	35.0	**35.0**	467.0	302.0	565.0	565.0	**1,934.0**	-	**1,934.0**
Total	-	-	610.0	**610.0**	5,817.0	4,102.0	9,490.0	7,090.0	**27,109.0**	-	**27,109.0**

Transportation - Streets

($000)

RTA Contingency Capacity

Project ID: SZ01
Start Date: 7/09
End Date: 6/14
Location: Citywide

Description:
Budget capacity for miscellaneous Regional Transportation Authority (RTA) projects that may be approved during the fiscal year.

Justification:
This project ensures that the city has the means to expend RTA funding that may be approved for small projects.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	-	-	500.0	**500.0**	500.0	500.0	500.0	500.0	**2,500.0**	-	**2,500.0**
Total	-	-	500.0	**500.0**	500.0	500.0	500.0	500.0	**2,500.0**	-	**2,500.0**

Santa Rita Park Pedestrian Enhancements

Project ID: S01D
Start Date: 7/06
End Date: 6/10
Location: Ward 6

Description:
Design and construct pedestrian improvements in the Santa Rita Park neighborhood, including sidewalks, ramps, and street lighting.

Justification:
This is a federal Transportation Enhancement Grant project, which will enhance pedestrian safety and walkways.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	186.0	-	**186.0**	-	-	-	-	**186.0**	-	**186.0**
Highway User Revenue Fund	94.5	-	11.0	**11.0**	-	-	-	-	**11.0**	-	**105.5**
Regional Transportation Authority Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	**200.0**
Total	94.5	186.0	211.0	**397.0**	-	-	-	-	**397.0**	-	**491.5**

Transportation - Streets

($000)

Sidewalk Improvements: DOJ Compliance

Project ID: S111
Start Date: 7/06
End Date: 6/10
Location: Citywide

Description:
Construct sidewalk improvements to comply with the Americans with Disability Act (ADA) along the Swan Road: Camp Lowell to Speedway Boulevard segment. (Note: The original RTA amount for this project was $1.5 million, but $104,100 has been transferred to ADA projects in the Public Transit element of Transportation's CIP.)

Justification:
These improvements are needed to satisfy the requirements of the 2005 Department of Justice (DOJ) audit and have received funding from the Regional Transportation Authority (RTA).

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
General Fund: Certificates of Participation	532.9	-	-	**-**	-	-	-	-	**-**	-	**532.9**
General Fund: Restricted Revenues	0.2	-	-	**-**	-	-	-	-	**-**	-	**0.2**
Highway User Revenue Fund	7.3	-	-	**-**	-	-	-	-	**-**	-	**7.3**
Regional Transportation Authority Fund	1,300.0	-	95.9	**95.9**	-	-	-	-	**95.9**	-	**1,395.9**
Total	1,840.4	-	95.9	**95.9**	-	-	-	-	**95.9**	-	**1,936.3**

Sidewalk Improvements: RTA Program

Project ID: SK_CON
Start Date: 7/08
End Date: 6/10
Location: Citywide

Description:
Design and construct continuous sidewalk improvements along various arterial streets.

Justification:
Funding was allocated through the Regional Transportation Authoriy (RTA) for these improvements, which will enhance pedestrian safety.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	9.1	-	-	**-**	-	-	-	-	**-**	-	**9.1**
Regional Transportation Authority Fund	2,008.2	-	2,685.0	**2,685.0**	-	-	-	-	**2,685.0**	-	**4,693.2**
Total	2,017.3	-	2,685.0	**2,685.0**	-	-	-	-	**2,685.0**	-	**4,702.3**

Transportation - Streets

($000)

Silverbell: Ina to Grant Road

Project ID: SR6A
Start Date: 7/08
End Date: 6/18
Location: City and County

Description:
Design and construct improvements to this segment of Silverbell Road, widening the street to a four-lane divided roadway from Grant Road to Ina Road.

Note: This project's construction in future years is contingent upon $14.4 million in non-RTA funding that has not yet been secured.

Justification:
This project was approved as part of the May 2006 Regional Transportation Plan (RTA) and will improve the traffic-carrying capacity of Silverbell.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	100.0	400.0	1,000.0	**1,400.0**	2,083.0	8,580.0	7,250.0	773.0	**20,086.0**	22,467.0	**42,653.0**
Total	100.0	400.0	1,000.0	**1,400.0**	2,083.0	8,580.0	7,250.0	773.0	**20,086.0**	22,467.0	**42,653.0**

South 4th Avenue Streetscape Enhancement

Project ID: S177
Start Date: 7/03
End Date: 6/10
Location: Ward 5

Description:
Design and construct pedestrian improvements along south 4th Avenue between 22nd Street and the South Tucson city limits. Improvements will include sidewalks, landscaping, and a roadway curvature similar to the roadway alignment within South Tucson.

Justification:
This project satisfies the requirements of a federal Transportation Enhancement Grant.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Capital Agreement Fund	29.9	-	-	**-**	-	-	-	-	**-**	-	**29.9**
Federal Highway Administration Grants	10.8	300.0	-	**300.0**	-	-	-	-	**300.0**	-	**310.8**
Highway User Revenue Fund	177.0	-	18.0	**18.0**	-	-	-	-	**18.0**	-	**195.0**
Total	217.7	300.0	18.0	**318.0**	-	-	-	-	**318.0**	-	**535.7**

Transportation - Streets

($000)

Speedway and Main Intersection Improvements

Project ID: S179
Start Date: 7/06
End Date: 6/10
Location: Wards 1 and 6

Description:
Reconstruct the intersection to include two left turn lanes from southbound Main to eastbound Speedway.

Justification:
This project will help improve the traffic flow and increase roadway carrying capacity at this intersection and at the Stone and Speedway intersection.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Street and Highway Revenue Bond Funds	49.8	-	-	**-**	-	-	-	-	**-**	-	**49.8**
Capital Agreement Fund: PAG	734.7	100.0	515.3	**615.3**	-	-	-	-	**615.3**	-	**1,350.0**
Highway User Revenue Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	**1.3**
Total	785.8	100.0	515.3	**615.3**	-	-	-	-	**615.3**	-	**1,401.1**

Speedway/Union Pacific Underpass

Project ID: S190
Start Date: 7/09
End Date: 6/11
Location: Ward 1

Description:
Replace the existing bridge structure for the Speedway Boulevard underpass at the Union Pacific Railroad crossing.

Note: This project is contingent upon federal earmark funds being secured.

Justification:
Replacement of the bridge structure will improve motorist safety.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	-	600.0	**600.0**	10,040.0	-	-	-	**10,640.0**	-	**10,640.0**
Regional Transportation Authority Fund	-	-	100.0	**100.0**	100.0	-	-	-	**200.0**	-	**200.0**
Total	-	-	700.0	**700.0**	10,140.0	-	-	-	**10,840.0**	-	**10,840.0**

Transportation - Streets

($000)

Speedway: Camino Seco to Houghton

Project ID: SR4A
Start Date: 7/06
End Date: 6/12
Location: Ward 4

Description:
Design and construct roadway improvement widening the roadway to four-lane arterial with bicycle lanes and sidewalks.

Note: The use of impact fee funds as the local match for this RTA project is contingent upon an approved allocation by the Mayor and Council, and the availability of future revenues.

Justification:
This project was approved by Mayor and Council on August 6, 2007 for Regional Transportation Authority (RTA) funding and will improve traffic-carrying capacity and access to alternative modes of transportation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund: In-Lieu Fees	307.0	-	-	**-**	-	-	-	-	**-**	-	**307.0**
Regional Transportation Authority Fund	913.4	-	6,136.0	**6,136.0**	6,136.0	-	-	-	**12,272.0**	-	**13,185.4**
Road & Park Impact Fee Fund: East District	-	-	-	**-**	-	3,000.0	-	-	**3,000.0**	-	**3,000.0**
Total	1,220.4	-	6,136.0	**6,136.0**	6,136.0	3,000.0	-	-	**15,272.0**	-	**16,492.4**

Starr Pass and Mission Intersection Improvements

Project ID: SN04
Start Date: 12/06
End Date: 6/11
Location: Ward 1

Description:
Reconstruct the intersection to encourage northbound Mission Road traffic to exit at Starr Pass Boulevard.

Justification:
These modifications will reduce cut-through traffic that is using Mission Road. This project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	**1.3**
Regional Transportation Authority Fund	423.3	50.0	1,088.3	**1,138.3**	2,288.4	-	-	-	**3,426.7**	-	**3,850.0**
Total	424.6	50.0	1,088.3	**1,138.3**	2,288.4	-	-	-	**3,426.7**	-	**3,851.3**

Transportation - Streets

($000)

Stone Ave: Drachman and Speedway Improvements

Project ID: S14W
Start Date: 7/00
End Date: 6/12
Location: Wards 1, 3, and 6 (within Rio Nuevo District)

Description:
Design and construct gateway and intersection improvements along Stone Avenue, from Drachman to Speedway Boulevard.

Justification:
These improvements will enhance this northern gateway into downtown.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
1994 Street and Highway Revenue Bond Funds	569.8	-	-	**-**	-	-	-	-	**-**	-	**569.8**
Capital Agreement Fund: PAG	1,318.6	-	250.0	**250.0**	750.0	6,500.0	-	-	**7,500.0**	-	**8,818.6**
Total	1,888.4	-	250.0	**250.0**	750.0	6,500.0	-	-	**7,500.0**	-	**9,388.4**

Stone Avenue: Pedestrian Safety Improvements

Project ID: S181
Start Date: 7/03
End Date: 6/10
Location: Ward 3

Description:
Construct three landscaped median islands on Stone Avenue between Roger Road and Limberlost.

Justification:
These traffic mitigation measures will reduce travel speeds through the Stone Avenue curves and improve pedestrian safety at this location.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Federal Highway Administration Grants	30.7	185.0	-	**185.0**	-	-	-	-	**185.0**	-	**215.7**
Highway User Revenue Fund	24.0	16.0	-	**16.0**	-	-	-	-	**16.0**	-	**40.0**
Total	54.7	201.0	-	**201.0**	-	-	-	-	**201.0**	-	**255.7**

Transportation - Streets

($000)

Tanque Verde and Dos Hombres Intersection

Project ID: SM02
Start Date: 7/07
End Date: 6/10
Location: Ward 2

Description:
Design and construct an eastbound right turn lane at this intersection.

Justification:
This project is necessary due to congestion and safety issues at this intersection.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Road & Park Impact Fee Fund: East District	81.4	150.0	18.6	**168.6**	-	-	-	-	**168.6**	-	**250.0**
Total	81.4	150.0	18.6	**168.6**	-	-	-	-	**168.6**	-	**250.0**

Treat Avenue Pedestrian Bridge

Project ID: S01F
Start Date: 7/08
End Date: 6/10
Location: Ward 6

Description:
Design and construct walkway improvements to the existing pedestrian bridge at Treat Avenue and Arroyo Chico.

Note: Some of the local match requirement for this grant is budgeted with a pedestrian project in the Public Transit element that will be completed during FY 2009.

Justification:
These improvements are needed to comply with current Americans with Disabilities Act standards.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Federal Highway Administration Grants	-	166.0	-	**166.0**	-	-	-	-	**166.0**	-	**166.0**
Highway User Revenue Fund	5.0	-	-	**-**	-	-	-	-	**-**	-	**5.0**
Regional Transportation Authority Fund	-	-	25.0	**25.0**	-	-	-	-	**25.0**	-	**25.0**
Total	5.0	166.0	25.0	**191.0**	-	-	-	-	**191.0**	-	**196.0**

Transportation - Streets

($000)

Tyndall Avenue Enhancements

Project ID: S195
Start Date: 7/05
End Date: 6/11
Location: Ward 6

Description:
Design and construct bicycle and pedestrian improvements, including sidewalks, bicycle lanes, handicap ramps, and streetscape from 6th Street to University Boulevard.

Justification:
These improvements will support university revitalization efforts by providing a safe pedestrian-oriented area and improving traffic circulation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	200.0	200.0	-	**200.0**	250.0	-	-	-	**450.0**	-	**650.0**
Highway User Revenue Fund	28.0	-	-	**-**	7.0	-	-	-	**7.0**	-	**35.0**
Total	228.0	200.0	-	**200.0**	257.0	-	-	-	**457.0**	-	**685.0**

Wilmot at Park Place Intersection Improvements

Project ID: SN05
Start Date: 12/06
End Date: 6/10
Location: Ward 6

Description:
Design, acquire right-of-way, and reconstruct the intersection of Wilmot Road and the entrance to Park Place Mall.

Justification:
This project will resolve operational problems, as well as construct a southbound right turn lane for safety purposes. This project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority funding.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Highway User Revenue Fund	1.3	-	-	**-**	-	-	-	-	**-**	-	**1.3**
Regional Transportation Authority Fund	215.6	-	2,967.4	**2,967.4**	-	-	-	-	**2,967.4**	-	**3,183.0**
Total	216.9	-	2,967.4	**2,967.4**	-	-	-	-	**2,967.4**	-	**3,184.3**

Transportation - Traffic Signals

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Communication System Improvements											
2000 Street and Highway Revenue Bond Funds	3.0	-	-	**-**	-	-	-	-	**-**	-	3.0
Federal Highway Administration Grants	-	-	-	**-**	500.0	-	-	-	**500.0**	-	500.0
Highway User Revenue Fund	-	-	-	**-**	30.0	-	-	-	**30.0**	-	30.0
Regional Transportation Authority Fund	-	-	1,620.0	**1,620.0**	-	-	-	-	**1,620.0**	-	1,620.0
	3.0	**-**	**1,620.0**	**1,620.0**	**530.0**	**-**	**-**	**-**	**2,150.0**	**-**	**2,153.0**
Harrison/Golf Links Communication Project											
2000 Street and Highway Revenue Bond Funds	24.0	-	-	**-**	-	-	-	-	**-**	-	24.0
Federal Highway Administration Grants	-	150.0	-	**150.0**	-	-	-	-	**150.0**	-	150.0
Highway User Revenue Fund	2.9	12.1	-	**12.1**	-	-	-	-	**12.1**	-	15.0
	26.9	**162.1**	**-**	**162.1**	**-**	**-**	**-**	**-**	**162.1**	**-**	**189.0**
Pedestrian Signal Improvements											
Regional Transportation Authority Fund	1,247.4	-	2,202.6	**2,202.6**	-	-	-	-	**2,202.6**	-	3,450.0
	1,247.4	**-**	**2,202.6**	**2,202.6**	**-**	**-**	**-**	**-**	**2,202.6**	**-**	**3,450.0**
Regional Transportation Data Network											
Federal Highway Administration Grants	320.2	274.0	1,395.8	**1,669.8**	1,000.0	25.0	-	-	**2,694.8**	-	3,015.0
	320.2	**274.0**	**1,395.8**	**1,669.8**	**1,000.0**	**25.0**	**-**	**-**	**2,694.8**	**-**	**3,015.0**
Traffic Signal and Control Equipment											
Federal Highway Administration Grants	-	425.0	-	**425.0**	400.0	-	-	-	**825.0**	-	825.0
Highway User Revenue Fund	-	30.0	-	**30.0**	30.0	-	-	-	**60.0**	-	60.0
Regional Transportation Authority Fund	-	-	97.0	**97.0**	-	-	-	-	**97.0**	-	97.0
	-	**455.0**	**97.0**	**552.0**	**430.0**	**-**	**-**	**-**	**982.0**	**-**	**982.0**

Transportation - Traffic Signals

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Video Detection Cameras											
Regional Transportation Authority Fund	400.0	-	350.0	**350.0**	-	-	-	-	**350.0**	-	750.0
	400.0	**-**	**350.0**	**350.0**	**-**	**-**	**-**	**-**	**350.0**	**-**	**750.0**
Program Area Total	**1,997.5**	**891.1**	**5,665.4**	**6,556.5**	**1,960.0**	**25.0**	**-**	**-**	**8,541.5**	**-**	**10,539.0**
Source of Funds Summary											
2000 Street and Highway Revenue Bond Funds	27.0	-	-	**-**	-	-	-	-	**-**	-	27.0
Federal Highway Administration Grants	320.2	849.0	1,395.8	**2,244.8**	1,900.0	25.0	-	-	**4,169.8**	-	4,490.0
Highway User Revenue Fund	2.9	42.1	-	**42.1**	60.0	-	-	-	**102.1**	-	105.0
Regional Transportation Authority Fund	1,647.4	-	4,269.6	**4,269.6**	-	-	-	-	**4,269.6**	-	5,917.0
Program Area Total	**1,997.5**	**891.1**	**5,665.4**	**6,556.5**	**1,960.0**	**25.0**	**-**	**-**	**8,541.5**	**-**	**10,539.0**

Transportation - Traffic Signals

($000)

Communication System Improvements

Project ID: S770
Start Date: 7/06
End Date: 6/11
Location: Citywide

Description:
Construct communications improvements to the Intelligent Transportation System, including the purchase of traffic signal communication network equipment, traffic monitoring cameras, and traffic signal data transmission equipment.

Justification:
The communication improvements are one of several projects underway to develop a regionally-owned communications system. Traffic cameras will allow for the quick assessment of traffic conditions and accidents, supporting the coordination of traffic signals throughout the region.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Street and Highway Revenue Bond Funds	3.0	-	-	**-**	-	-	-	-	**-**	-	**3.0**
Federal Highway Administration Grants	-	-	-	**-**	500.0	-	-	-	**500.0**	-	**500.0**
Highway User Revenue Fund	-	-	-	**-**	30.0	-	-	-	**30.0**	-	**30.0**
Regional Transportation Authority Fund	-	-	1,620.0	**1,620.0**	-	-	-	-	**1,620.0**	-	**1,620.0**
Total	3.0	-	1,620.0	**1,620.0**	530.0	-	-	-	**2,150.0**	-	**2,153.0**

Harrison/Golf Links Communication Project

Project ID: S77A
Start Date: 7/05
End Date: 6/10
Location: Wards 2 and 4

Description:
Install a high bandwidth communication system in the Harrison/Golf Links area, including communications and network equipment, cameras, and auxiliary equipment.

Justification:
This project supports the Pima Association of Governments' Intelligent Transportation System Strategic Deployment Plan.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Street and Highway Revenue Bond Funds	24.0	-	-	**-**	-	-	-	-	**-**	-	**24.0**
Federal Highway Administration Grants	-	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**150.0**
Highway User Revenue Fund	2.9	12.1	-	**12.1**	-	-	-	-	**12.1**	-	**15.0**
Total	26.9	162.1	-	**162.1**	-	-	-	-	**162.1**	-	**189.0**

Transportation - Traffic Signals

($000)

Pedestrian Signal Improvements

Project ID: SH08
Start Date: 7/08
End Date: 6/10
Location: Citywide

Description:
Design and construct HAWK (High intensity Activated crossWalK) pedestrian signals at a minimum of nineteen locations.

Justification:
The Regional Transportation Authority (RTA) has approved the funding for nineteen pedestrian crossing signals project in the RTA Elderly and Pedestrian Safety Improvements Category. These signals will allow pedestrians to safely cross the arterial roadway by stopping traffic.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	1,247.4	-	2,202.6	**2,202.6**	-	-	-	-	**2,202.6**	-	**3,450.0**
Total	1,247.4	-	2,202.6	**2,202.6**	-	-	-	-	**2,202.6**	-	**3,450.0**

Regional Transportation Data Network

Project ID: S701
Start Date: 7/06
End Date: 6/12
Location: Citywide

Description:
Plan, design, and construct a regionally-integrated data and communications network to be known as the Regional Transportation Data Network (RTDN). This project will determine the new infrastructure needed to improve regionwide data exchange and project coordination.

Justification:
Establishment of the RTDN will facilitate the exchange of data and information between jurisdictions, improve traffic flow, and reduce future utility costs.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	320.2	274.0	1,395.8	**1,669.8**	1,000.0	25.0	-	-	**2,694.8**	-	**3,015.0**
Total	320.2	274.0	1,395.8	**1,669.8**	1,000.0	25.0	-	-	**2,694.8**	-	**3,015.0**

Transportation - Traffic Signals

($000)

Traffic Signal and Control Equipment

Project ID: S850
Start Date: 7/07
End Date: 6/11
Location: Citywide

Description:
Upgrade traffic signal and control equipment, including the purchase and installation of uninterruptible power systems (backup batteries) and transit priority equipment.

Note: This is a drawdown project from which specific, individual projects are identified each fiscal year.

Justification:
The backup batteries will improve traffic safety and reduce reliance on police officer traffic management during power outages. Transit priority equipment will allow Sun Tran buses to interface with traffic signals, expediting their passage through intersections and reducing traffic congestion.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Federal Highway Administration Grants	-	425.0	-	**425.0**	400.0	-	-	-	**825.0**	-	**825.0**
Highway User Revenue Fund	-	30.0	-	**30.0**	30.0	-	-	-	**60.0**	-	**60.0**
Regional Transportation Authority Fund	-	-	97.0	**97.0**	-	-	-	-	**97.0**	-	**97.0**
Total	-	455.0	97.0	**552.0**	430.0	-	-	-	**982.0**	-	**982.0**

Video Detection Cameras

Project ID: SG09
Start Date: 7/09
End Date: 6/10
Location: Citywide

Description:
Upgrade existing traffic signal loop detectors that are embedded in the roadway pavement with video detection cameras, which have proven to be more reliable and less costly. Video detection cameras will be installed at 30 major arterial intersections.

Justification:
Detection equipment reduces congestion at traffic signals through improved traffic flow, thereby reducing congestion- related accidents, emissions, and fuel consumption.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Regional Transportation Authority Fund	400.0	-	350.0	**350.0**	-	-	-	-	**350.0**	-	**750.0**
Total	400.0	-	350.0	**350.0**	-	-	-	-	**350.0**	-	**750.0**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Water

Capital Improvement Program
Department Statement

FY 2010 through FY 2014

Department: Tucson Water **Five-Year Total:** $ 276,425,000

Tucson Water's Capital Improvement Program (CIP) is a cornerstone in a long-term water supply plan for the community. This CIP will significantly assist in attaining safe yield in the Tucson basin, balancing groundwater pumping with natural replenishment of the aquifer. The five-year program reflects the city's leadership in water resource management through the prudent use of groundwater, Colorado River water, and reclaimed water. The recent completion of the Southern Avra Valley Storage and Recovery (SAVSARP) facility provides the capacity to recharge, and eventually recover, 60,000 acre-feet annually. Along with the Central Avra Valley Storage and Recharge Facility, the city will be able to recharge all of its annual Central Arizona Project (CAP) water allocation 144,191 acre-feet.

The five-year capital program of $276.4 million includes improvements to both the potable and reclaimed water systems. The program will be funded with a combination of water revenues, revenue bonds, and water system obligations.

The Tucson Water CIP is divided into two program groups: Potable Water System and Reclaimed Water System. Improvements to both water systems will ensure that:

- potable and reclaimed customers are provided high-quality water
- the water supply is reliable
- the safe yield and assured water supply requirements of the Arizona State Groundwater Management Act are met

Potable Water System. These projects total $258.7 million over the next five years. The focus of the potable system program is construction of Clearwater Projects needed to secure long term renewable water resources for the community. Approximately $59 million in Clearwater Projects are included in this five-year program: reservoir and booster expansions, chemical feed improvements, recovery mains and collector lines. Other projects included in the Five-Year Program will address improving storage capacity and pumping efficiency, and constructing new transmission and distribution mains.

Reclaimed Water System. These projects total $17.7 million over the next five years. The funding will provide for improvements and expansion at the Roger Road and Sweetwater Reclaimed Facilities.

Bond Project Changes. Several projects in this five-year program will be presented at the budget public hearing as required by the Truth-in-Bonding Ordinance, because they are either cancelled projects or new projects. These projects are presented in a table on the following page.

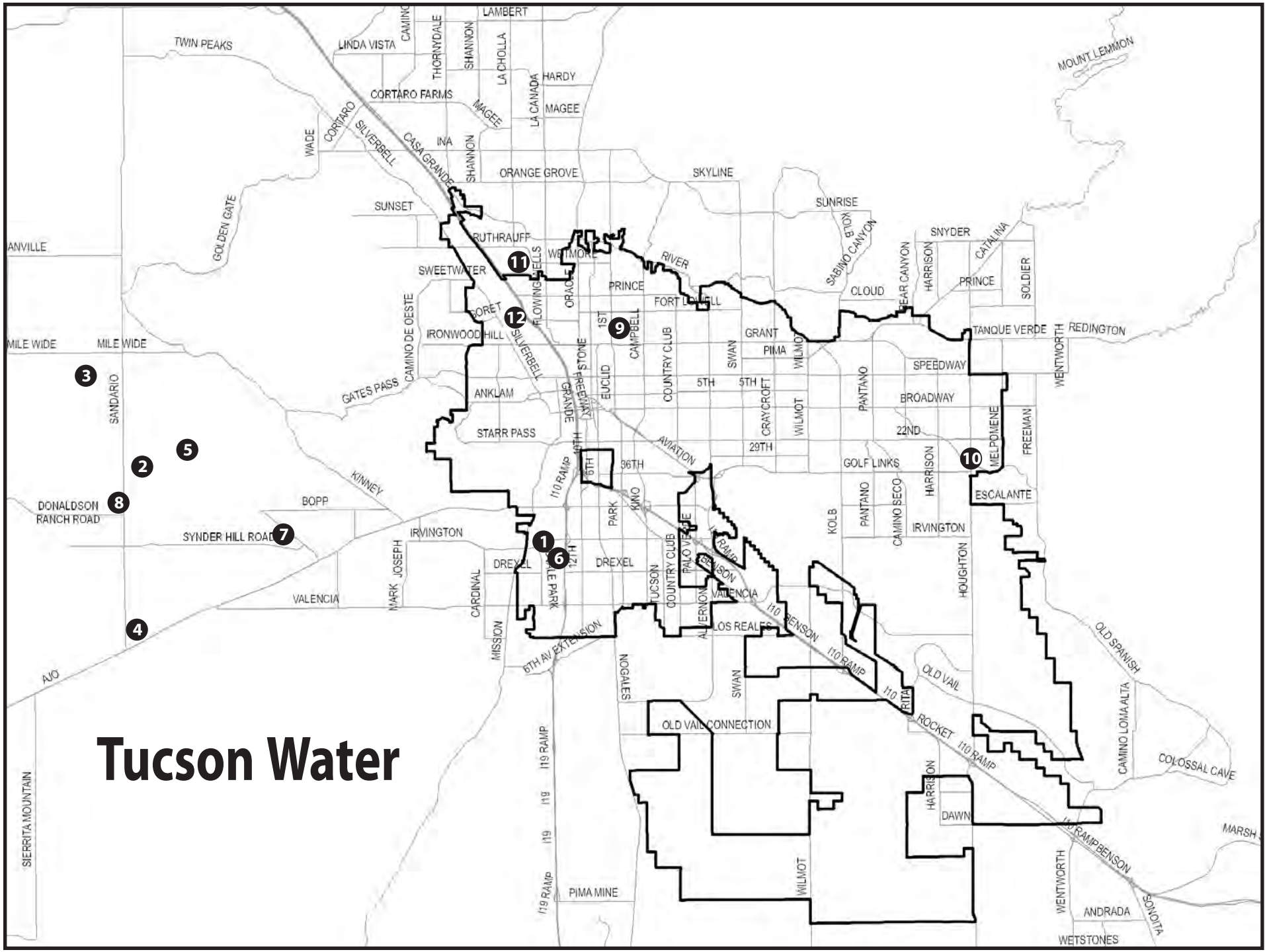
2005 Water Revenue Bond Authorization
New and Deleted Projects in the FY 2010-2014 CIP
($000)

The Truth-in-Bonding Ordinance reads as follows: "That in any particular year, approved bond proceeds to be allocated to projects in accordance with the priority levels set forth in the City of Tucson's publicly adopted Five-Year Capital Improvements Funded Program (CIFP). Any change which results in the creation of new or cancellation of previously approved capital projects requires prior Mayor and Council approval at a Study Session or Regular Session open to the public, which will include a Public Hearing, and which shall be consistent with all other legal and management requirements, procedures, and controls."

The following table lists projects newly funded by the 2005 Water Revenue Bonds and those projects that will no longer be funded with the 2005 Water Revenue Bonds.

	Project Total
Newly Created 2005 Water Revenue Bond Projects	
Plant 9 Booster Chemical Feed Upgrades	1,500.0
Newly Created Projects Total	**$ 1,500.0**

	Previous Allocation	Current Funding Source
Projects No Longer Funded by 2005 Water Revenue Bonds		
Avra Valley Augmentation Irvington Reservoir	$ 15.0	Future Revenue Bonds
Diamond Bell Ranch G-l Zone Booster Mods	14.0	Backlogged/delayed
Distribution Main Projects - General	10.0	Future Revenue Bonds
Rockcliff Booster Improvements	15.0	Backlogged/delayed
Source Meter Replacement	15.0	Future Revenue Bonds
Southeast G-Zone Reservoir	15.0	Backlogged/delayed
Tucson Airport Authority Distribution Main	10.0	Backlogged/delayed
No Longer Funded with 2005 Bonds Total	**$ 94.0**	


Tucson Water
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TWIN PEAKS
LINDA VISTA
CAMINO
THORNYDALE
SHANNON
LA CHOLLA
LAMBERT
HARDY
LA CANADA
MAGEE
CORTARO FARMS
CORTARO
SILVERBELL
CASA GRANDE
WADE
INA
ORANGE GROVE
SKYLINE
SUNSET
GOLDEN GATE
RUTHRAUFF
WETMORE
SUNRISE
KOLB
SABINO CANYON
SNYDER
CATALINA
SWEETWATER
FLOWING WELLS
ORACLE
PRINCE
RIVER
FORT LOWELL
CLOUD
BEAR CANYON
HARRISON
SOLDIER
ANVILLE
MILE WIDE
CORET
IRONWOOD HILL
CAMINO DE OESTE
1ST
CAMPBELL
COUNTRY CLUB
GRANT
PIMA
SWAN
WILMOT
TANQUE VERDE
REDINGTON
WENTWORTH
SPEEDWAY
GATES PASS
ANKLAM
STONE
GRANDE
EUCLID
5TH
CRAYCROFT
PANTANO
BROADWAY
SANDARIO
STARR PASS
AVENUE
22ND
29TH
MELPOMENE
FREEMAN
AVIATION
6TH
36TH
GOLF LINKS
KINNEY
I10 RAMP
PARK
KINO
ESCALANTE
DONALDSON RANCH ROAD
BOPP
CAMINO SECO
IRVINGTON
SYNDER HILL ROAD
JOSEPH
DREXEL
12TH
PALO VERDE
TUCSON
COUNTRY CLUB
VALENCIA
HOUGHTON
MARK
CARDINAL
ALVERNON
LOS REALES
I10 BENSON
I10 RAMP
OLD SPANISH
AJO
MISSION
6TH AV EXTENSION
NOGALES
OLD VAIL
RITA
ROCKET
CAMINO LOMA ALTA
COLOSSAL CAVE
OLD VAIL CONNECTION
I19 RAMP
I19
DAWN
MARSH
SIERRITA MOUNTAIN
PIMA MINE
I10 RAMP BENSON
SONOITA
ANDRADA
WETSTONES
MOUNT LEMMON

Map Legend

Tucson Water

Project Name	Year to be Completed
Potable Storage	
1. Avra Valley Augmentation - Irvington Reservoir	FY 2011
2. Southern Avra Vallery Reservoir & Booster Station	FY 2012
Potable Pumping Plant	
3. CAVSARP Booster Expansion	FY 2010
4. Plant 9 Booster - Chemical Feed Upgrades	FY 2010
Potable Transmission	
5. CAVSARP/SAVSARP Interconnect Phase II	FY 2012
6. Avra Valley Transmission Main Augmentation	FY 2017
7. South Avra Valley Recovered Transmission Main	FY 2016

Project Name	Year to be Completed
Potable Distribution	
8. SAVSARP Collector Lines Phase I and II	FY 2012
9. Samos Main Replacement	FY 2011
General Plant	
10. Eastside Maintenance Area	FY 2012
Reclaimed Source Plant	
11. Equip Reclaimed Wells EW-009 & EW-010	FY 2012
12. Reclaimed Storage and Recovery	FY 2013

Tucson Water

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Tucson Water - Potable Water System	15,061.9	4,984.0	44,818.0	**49,802.0**	60,178.0	55,607.0	43,173.0	49,922.0	**258,682.0**	301,094.0	**574,837.9**
Tucson Water - Reclaimed Water System	3,959.5	1,150.0	1,170.0	**2,320.0**	2,244.0	2,723.0	8,272.0	2,184.0	**17,743.0**	4,871.0	**26,573.5**
Department Total	**19,021.4**	**6,134.0**	**45,988.0**	**52,122.0**	**62,422.0**	**58,330.0**	**51,445.0**	**52,106.0**	**276,425.0**	**305,965.0**	**601,411.4**

Source of Funds Summary											
1994 Water Revenue Bond Funds	0.8	-	-	**-**	-	-	-	-	**-**	-	0.8
2000 Water Revenue Bond Funds	1,705.2	-	-	**-**	-	-	-	-	**-**	-	1,705.2
2005 Water Revenue Bond Funds	5,975.1	-	4,000.0	**4,000.0**	-	-	-	-	**4,000.0**	-	9,975.1
2009 Water Revenue Obligation Fund	6,579.0	6,134.0	29,147.0	**35,281.0**	-	-	-	-	**35,281.0**	-	41,860.0
Future Water Revenue Bonds	-	-	-	**-**	48,867.0	41,598.0	32,059.0	31,093.0	**153,617.0**	236,262.0	389,879.0
Tucson Water Fund: Federal Grants	250.0	-	293.0	**293.0**	-	-	-	-	**293.0**	-	543.0
Tucson Water Revenue and Operations Fund	2,533.8	-	12,548.0	**12,548.0**	13,555.0	16,732.0	19,386.0	21,013.0	**83,234.0**	69,703.0	155,470.8
Water Infrastructure Reserve Fund	1,977.5	-	-	**-**	-	-	-	-	**-**	-	1,977.5
Department Total	**19,021.4**	**6,134.0**	**45,988.0**	**52,122.0**	**62,422.0**	**58,330.0**	**51,445.0**	**52,106.0**	**276,425.0**	**305,965.0**	**601,411.4**

Tucson Water - Potable Water System

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Tucson Water - Potable Source Development	338.6	250.0	6,860.0	**7,110.0**	4,816.0	5,610.0	5,185.0	6,281.0	**29,002.0**	19,223.0	**48,563.6**
Tucson Water - Potable Storage	4,079.9	500.0	2,167.0	**2,667.0**	9,147.0	9,078.0	413.0	498.0	**21,803.0**	25,316.0	**51,198.9**
Tucson Water - Potable Pumping Plant	1,444.2	-	4,910.0	**4,910.0**	313.0	316.0	474.0	435.0	**6,448.0**	2,437.0	**10,329.2**
Tucson Water - Potable Transmission	3,810.6	1,850.0	2,855.0	**4,705.0**	6,151.0	4,687.0	6,042.0	11,194.0	**32,779.0**	130,363.0	**166,952.6**
Tucson Water - Potable Distribution	220.9	1,734.0	11,028.0	**12,762.0**	16,682.0	16,306.0	15,206.0	16,048.0	**77,004.0**	52,339.0	**129,563.9**
Tucson Water - Potable New Services	-	-	3,250.0	**3,250.0**	4,050.0	4,090.0	4,130.0	4,251.0	**19,771.0**	20,183.0	**39,954.0**
Tucson Water - Potable General Plant	3,958.8	650.0	3,794.0	**4,444.0**	4,858.0	6,524.0	3,152.0	2,979.0	**21,957.0**	8,108.0	**34,023.8**
Tucson Water - Potable Treatment	300.0	-	3,434.0	**3,434.0**	5,050.0	1,020.0	-	-	**9,504.0**	-	**9,804.0**
Tucson Water - Potable Process Control	908.9	-	1,020.0	**1,020.0**	2,546.0	1,346.0	1,876.0	1,346.0	**8,134.0**	5,750.0	**14,792.9**
Tucson Water - Capitalized Expense	-	-	5,500.0	**5,500.0**	6,565.0	6,630.0	6,695.0	6,890.0	**32,280.0**	37,375.0	**69,655.0**
Program Total	**15,061.9**	**4,984.0**	**44,818.0**	**49,802.0**	**60,178.0**	**55,607.0**	**43,173.0**	**49,922.0**	**258,682.0**	**301,094.0**	**574,837.9**

Source of Funds Summary											
2000 Water Revenue Bond Funds	718.7	-	-	**-**	-	-	-	-	**-**	-	718.7
2005 Water Revenue Bond Funds	3,880.4	-	4,000.0	**4,000.0**	-	-	-	-	**4,000.0**	-	7,880.4
2009 Water Revenue Obligation Fund	5,829.0	4,984.0	28,047.0	**33,031.0**	-	-	-	-	**33,031.0**	-	38,860.0
Future Water Revenue Bonds	-	-	-	**-**	46,694.0	39,014.0	23,981.0	29,787.0	**139,476.0**	235,657.0	375,133.0
Tucson Water Fund: Federal Grants	250.0	-	293.0	**293.0**	-	-	-	-	**293.0**	-	543.0
Tucson Water Revenue and Operations Fund	2,422.2	-	12,478.0	**12,478.0**	13,484.0	16,593.0	19,192.0	20,135.0	**81,882.0**	65,437.0	149,741.2
Water Infrastructure Reserve Fund	1,961.6	-	-	**-**	-	-	-	-	**-**	-	1,961.6
Program Total	**15,061.9**	**4,984.0**	**44,818.0**	**49,802.0**	**60,178.0**	**55,607.0**	**43,173.0**	**49,922.0**	**258,682.0**	**301,094.0**	**574,837.9**

Tucson Water - Potable Source Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
CAVSARP Well Pump Improvements											
2009 Water Revenue Obligation Fund	-	-	600.0	**600.0**	-	-	-	-	**600.0**	-	600.0
Future Water Revenue Bonds	-	-	-	**-**	606.0	306.0	618.0	636.0	**2,166.0**	3,450.0	5,616.0
	-	**-**	**600.0**	**600.0**	**606.0**	**306.0**	**618.0**	**636.0**	**2,766.0**	**3,450.0**	**6,216.0**
Drill Production Wells											
2009 Water Revenue Obligation Fund	-	-	1,600.0	**1,600.0**	-	-	-	-	**1,600.0**	-	1,600.0
Future Water Revenue Bonds	-	-	-	**-**	-	816.0	-	848.0	**1,664.0**	5,750.0	7,414.0
	-	**-**	**1,600.0**	**1,600.0**	**-**	**816.0**	**-**	**848.0**	**3,264.0**	**5,750.0**	**9,014.0**
Monitor Wells											
2000 Water Revenue Bond Funds	9.2	-	-	**-**	-	-	-	-	**-**	-	9.2
2005 Water Revenue Bond Funds	105.0	-	-	**-**	-	-	-	-	**-**	-	105.0
Future Water Revenue Bonds	-	-	-	**-**	260.0	-	318.0	-	**578.0**	-	578.0
Tucson Water Revenue and Operations Fund	224.4	-	-	**-**	-	-	-	-	**-**	-	224.4
	338.6	**-**	**-**	**-**	**260.0**	**-**	**318.0**	**-**	**578.0**	**-**	**916.6**
New Well Equipping											
2009 Water Revenue Obligation Fund	-	250.0	3,400.0	**3,650.0**	-	-	-	-	**3,650.0**	-	3,650.0
Future Water Revenue Bonds	-	-	-	**-**	2,727.0	3,672.0	2,884.0	3,180.0	**12,463.0**	5,348.0	17,811.0
	-	**250.0**	**3,400.0**	**3,650.0**	**2,727.0**	**3,672.0**	**2,884.0**	**3,180.0**	**16,113.0**	**5,348.0**	**21,461.0**
Pressure Tank Replacement											
2009 Water Revenue Obligation Fund	-	-	160.0	**160.0**	-	-	-	-	**160.0**	-	160.0
Future Water Revenue Bonds	-	-	-	**-**	162.0	255.0	258.0	477.0	**1,152.0**	2,588.0	3,740.0
	-	**-**	**160.0**	**160.0**	**162.0**	**255.0**	**258.0**	**477.0**	**1,312.0**	**2,588.0**	**3,900.0**
Production Well Sites											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	51.0	51.0	77.0	80.0	**259.0**	431.0	690.0
	-	**-**	**100.0**	**100.0**	**51.0**	**51.0**	**77.0**	**80.0**	**359.0**	**431.0**	**790.0**

Tucson Water - Potable Source Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Wellfield Upgrades											
2009 Water Revenue Obligation Fund	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	1,000.0
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	510.0	1,030.0	1,060.0	**3,610.0**	1,656.0	5,266.0
	-	**-**	**1,000.0**	**1,000.0**	**1,010.0**	**510.0**	**1,030.0**	**1,060.0**	**4,610.0**	**1,656.0**	**6,266.0**
Program Area Total	**338.6**	**250.0**	**6,860.0**	**7,110.0**	**4,816.0**	**5,610.0**	**5,185.0**	**6,281.0**	**29,002.0**	**19,223.0**	**48,563.6**

Source of Funds Summary											
2000 Water Revenue Bond Funds	9.2	-	-	**-**	-	-	-	-	**-**	-	9.2
2005 Water Revenue Bond Funds	105.0	-	-	**-**	-	-	-	-	**-**	-	105.0
2009 Water Revenue Obligation Fund	-	250.0	6,860.0	**7,110.0**	-	-	-	-	**7,110.0**	-	7,110.0
Future Water Revenue Bonds	-	-	-	**-**	4,816.0	5,610.0	5,185.0	6,281.0	**21,892.0**	19,223.0	41,115.0
Tucson Water Revenue and Operations Fund	224.4	-	-	**-**	-	-	-	-	**-**	-	224.4
Program Area Total	**338.6**	**250.0**	**6,860.0**	**7,110.0**	**4,816.0**	**5,610.0**	**5,185.0**	**6,281.0**	**29,002.0**	**19,223.0**	**48,563.6**

Tucson Water - Potable Source Development

($000)

CAVSARP Well Pump Improvements

Project ID: W553
Start Date: Annual
End Date: Annual
Location: County

Description:
Upgrade existing line shafts on Central Avra Valley Storage and Recovery Project (CAVSARP) well pumps with product lubrication systems, and re-equip wells with new materials.

Justification:
Evaluating and upgrading wells will reduce maintenance and improve operating efficiency and reliability.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	600.0	**600.0**	-	-	-	-	**600.0**	-	**600.0**
Future Water Revenue Bonds	-	-	-	**-**	606.0	306.0	618.0	636.0	**2,166.0**	3,450.0	**5,616.0**
Total	-	-	600.0	**600.0**	606.0	306.0	618.0	636.0	**2,766.0**	3,450.0	**6,216.0**

Drill Production Wells

Project ID: W101
Start Date: Biennial
End Date: Biennial
Location: City and County

Description:
Biennially, design and drill water production wells. This project scope includes drilling 9 Southern Avra Valley Storage and Recovery Project (SAVSARP) wells and 3 additional wells throughout the general service area during the five year period. The estimated cost per well is $325,000.

Justification:
New wells are needed to meet increasing demand, to replace those that fail or do not generate sufficient water production, and to provide backup capacity.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	1,600.0	**1,600.0**	-	-	-	-	**1,600.0**	-	**1,600.0**
Future Water Revenue Bonds	-	-	-	**-**	-	816.0	-	848.0	**1,664.0**	5,750.0	**7,414.0**
Total	-	-	1,600.0	**1,600.0**	-	816.0	-	848.0	**3,264.0**	5,750.0	**9,014.0**

Tucson Water - Potable Source Development

($000)

Monitor Wells

Project ID: W703
Start Date: 7/07
End Date: 6/13
Location: City and County

Description:
Acquire sites, design, and drill monitor wells.

Justification:
Monitor wells are needed for regular sampling of the potable water supply and verification of groundwater table elevations.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010 Carry Forward	New Funding	Year 1 Total	Projected Requirements Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total	Future Years	Total Project
2000 Water Revenue Bond Funds	9.2	-	-	**-**	-	-	-	-	**-**	-	**9.2**
2005 Water Revenue Bond Funds	105.0	-	-	**-**	-	-	-	-	**-**	-	**105.0**
Future Water Revenue Bonds	-	-	-	**-**	260.0	-	318.0	-	**578.0**	-	**578.0**
Tucson Water Revenue and Operations Fund	224.4	-	-	**-**	-	-	-	-	**-**	-	**224.4**
Total	338.6	-	-	**-**	260.0	-	318.0	-	**578.0**	-	**916.6**

New Well Equipping

Project ID: W035
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Equipping SAVSARP (Southern Avra Valley Storage and Recovery Project) wells. The estimated cost per well is approximately $450,000.

Justification:
Equipping of wells is necessary to put a newly drilled well into service thereby meeting customer demand.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010 Carry Forward	New Funding	Year 1 Total	Projected Requirements Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total	Future Years	Total Project
2009 Water Revenue Obligation Fund	0.0	250.0	3,400.0	**3,650.0**	-	-	-	-	**3,650.0**	-	**3,650.0**
Future Water Revenue Bonds	-	-	-	**-**	2,727.0	3,672.0	2,884.0	3,180.0	**12,463.0**	5,348.0	**17,811.0**
Total	0.0	250.0	3,400.0	**3,650.0**	2,727.0	3,672.0	2,884.0	3,180.0	**16,113.0**	5,348.0	**21,461.0**

Tucson Water - Potable Source Development

($000)

Pressure Tank Replacement

Project ID: W075
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Design and construct the replacement of pressure tanks at water wells and booster stations. As funds become available on an annual basis, uncertified tanks will be replaced and the remaining uncertified tanks prioritized.

Justification:
Safety requirements mandate tank replacement for those not meeting code or lacking certification from the American Society of Mechanical Engineers.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	160.0	**160.0**	-	-	-	-	**160.0**	-	**160.0**
Future Water Revenue Bonds	-	-	-	**-**	162.0	255.0	258.0	477.0	**1,152.0**	2,588.0	**3,740.0**
Total	-	-	160.0	**160.0**	162.0	255.0	258.0	477.0	**1,312.0**	2,588.0	**3,900.0**

Production Well Sites

Project ID: W087
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Acquire property for new production well sites.

Justification:
Well sites are needed to meet future demand and to replace obsolete wells.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	51.0	51.0	77.0	80.0	**259.0**	431.0	**690.0**
Total	-	-	100.0	**100.0**	51.0	51.0	77.0	80.0	**359.0**	431.0	**790.0**

Tucson Water - Potable Source Development

($000)

Wellfield Upgrades

Project ID: W077

Start Date: Annual
End Date: Annual

Location: City and County

Description:
Upgrade obsolete pumps and electric motors at water wells.

Justification:
Upgrades to wells are necessary to maximize their production capacity, and minimize repair and maintenance costs.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	**1,000.0**
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	510.0	1,030.0	1,060.0	**3,610.0**	1,656.0	**5,266.0**
Total	-	-	1,000.0	**1,000.0**	1,010.0	510.0	1,030.0	1,060.0	**4,610.0**	1,656.0	**6,266.0**

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Avra Valley Augmentation-Irvington Reservoir											
Future Water Revenue Bonds	-	-	-	**-**	2,020.0	-	-	-	**2,020.0**	22,645.0	24,665.0
	-	**-**	**-**	**-**	**2,020.0**	**-**	**-**	**-**	**2,020.0**	**22,645.0**	**24,665.0**
Disinfection Equipment Upgrades											
2009 Water Revenue Obligation Fund	-	-	300.0	**300.0**	-	-	-	-	**300.0**	-	300.0
Future Water Revenue Bonds	-	-	-	**-**	303.0	51.0	52.0	127.0	**533.0**	690.0	1,223.0
	-	**-**	**300.0**	**300.0**	**303.0**	**51.0**	**52.0**	**127.0**	**833.0**	**690.0**	**1,523.0**
Martin Reservoir - Liner Replacement											
2005 Water Revenue Bond Funds	25.3	-	-	**-**	-	-	-	-	**-**	-	25.3
2009 Water Revenue Obligation Fund	-	-	17.0	**17.0**	-	-	-	-	**17.0**	-	17.0
Future Water Revenue Bonds	-	-	-	**-**	662.0	-	-	-	**662.0**	-	662.0
	25.3	**-**	**17.0**	**17.0**	**662.0**	**-**	**-**	**-**	**679.0**	**-**	**704.3**
Reservoir and Tank Rehabilitation											
2009 Water Revenue Obligation Fund	-	-	350.0	**350.0**	-	-	-	-	**350.0**	-	350.0
Future Water Revenue Bonds	-	-	-	**-**	354.0	357.0	361.0	371.0	**1,443.0**	1,981.0	3,424.0
	-	**-**	**350.0**	**350.0**	**354.0**	**357.0**	**361.0**	**371.0**	**1,793.0**	**1,981.0**	**3,774.0**
Southern Avra Valley Reservoir & Booster Station											
2000 Water Revenue Bond Funds	0.1	-	-	**-**	-	-	-	-	**-**	-	0.1
2005 Water Revenue Bond Funds	32.8	-	-	**-**	-	-	-	-	**-**	-	32.8
Future Water Revenue Bonds	-	-	-	**-**	5,808.0	8,670.0	-	-	**14,478.0**	-	14,478.0
Tucson Water Revenue and Operations Fund	0.6	-	-	**-**	-	-	-	-	**-**	-	0.6
	33.5	**-**	**-**	**-**	**5,808.0**	**8,670.0**	**-**	**-**	**14,478.0**	**-**	**14,511.5**

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Thornydale/Tangerine C Zone Reservoir											
2005 Water Revenue Bond Funds	21.1	-	-	**-**	-	-	-	-	**-**	-	21.1
2009 Water Revenue Obligation Fund	3,317.0	500.0	1,200.0	**1,700.0**	-	-	-	-	**1,700.0**	-	5,017.0
Tucson Water Revenue and Operations Fund	683.0	-	300.0	**300.0**	-	-	-	-	**300.0**	-	983.0
	4,021.1	**500.0**	**1,500.0**	**2,000.0**	**-**	**-**	**-**	**-**	**2,000.0**	**-**	**6,021.1**
Program Area Total	**4,079.9**	**500.0**	**2,167.0**	**2,667.0**	**9,147.0**	**9,078.0**	**413.0**	**498.0**	**21,803.0**	**25,316.0**	**51,198.9**
Source of Funds Summary											
2000 Water Revenue Bond Funds	0.1	-	-	**-**	-	-	-	-	**-**	-	0.1
2005 Water Revenue Bond Funds	79.2	-	-	**-**	-	-	-	-	**-**	-	79.2
2009 Water Revenue Obligation Fund	3,317.0	500.0	1,867.0	**2,367.0**	-	-	-	-	**2,367.0**	-	5,684.0
Future Water Revenue Bonds	-	-	-	**-**	9,147.0	9,078.0	413.0	498.0	**19,136.0**	25,316.0	44,452.0
Tucson Water Revenue and Operations Fund	683.6	-	300.0	**300.0**	-	-	-	-	**300.0**	-	983.6
Program Area Total	**4,079.9**	**500.0**	**2,167.0**	**2,667.0**	**9,147.0**	**9,078.0**	**413.0**	**498.0**	**21,803.0**	**25,316.0**	**51,198.9**

Tucson Water - Potable Storage

($000)

Avra Valley Augmentation-Irvington Reservoir

Project ID: W570
Start Date: 7/10
End Date: 6/16
Location: County

Description:
Acquire a site, design, and construct a reservoir (approximate capacity is 60 million gallons) to be served by the new Avra Valley Augmentation Transmission Main Project. Site acquisition is scheduled in Fiscal Year 2011, followed by design and construction in Fiscal Years 2015 and 2016.

Justification:
This project will provide additional potable water storage and system reliability.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	2,020.0	-	-	-	**2,020.0**	22,645.0	**24,665.0**
Total	-	-	-	**-**	2,020.0	-	-	-	**2,020.0**	22,645.0	**24,665.0**

Disinfection Equipment Upgrades

Project ID: W221
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Upgrade disinfection equipment at reservoirs and wells.

Justification:
As disinfection equipment becomes deteriorated or obsolete, it must be replaced to ensure operational reliability and maintain water quality.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	300.0	**300.0**	-	-	-	-	**300.0**	-	**300.0**
Future Water Revenue Bonds	-	-	-	**-**	303.0	51.0	52.0	127.0	**533.0**	690.0	**1,223.0**
Total	-	-	300.0	**300.0**	303.0	51.0	52.0	127.0	**833.0**	690.0	**1,523.0**

Tucson Water - Potable Storage

($000)

Martin Reservoir - Liner Replacement

Project ID: W579
Start Date: 7/09
End Date: 6/11
Location: Ward 5

Description:
Design and construct a new liner for the Martin Reservoir to replace the existing butyl rubber liner.

Justification:
The existing liner will reach its 25-year life expectancy in Fiscal Year 2010 and will need to be replaced.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	25.3	-	-	**-**	-	-	-	-	**-**	-	**25.3**
2009 Water Revenue Obligation Fund	-	-	17.0	**17.0**	-	-	-	-	**17.0**	-	**17.0**
Future Water Revenue Bonds	-	-	-	**-**	662.0	-	-	-	**662.0**	-	**662.0**
Total	25.3	-	17.0	**17.0**	662.0	-	-	-	**679.0**	-	**704.3**

Reservoir and Tank Rehabilitation

Project ID: W736
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Assess and upgrade 29 steel storage tanks and 27 concrete reservoirs as needed.

Justification:
This project will make a systematic assessment and improve the condition of reservoirs and storage tanks in the system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	350.0	**350.0**	-	-	-	-	**350.0**	-	**350.0**
Future Water Revenue Bonds	-	-	-	**-**	354.0	357.0	361.0	371.0	**1,443.0**	1,981.0	**3,424.0**
Total	-	-	350.0	**350.0**	354.0	357.0	361.0	371.0	**1,793.0**	1,981.0	**3,774.0**

Tucson Water - Potable Storage

($000)

Southern Avra Valley Reservoir & Booster Station

Project ID: W442
Start Date: 7/04
End Date: 6/12
Location: City and County

Description:
Design and construct an 8.5 million gallon forebay reservoir and a 33 million gallons-per-day booster in Southern Avra Valley. Construction is scheduled in Fiscal Years 2011 and 2012.

Justification:
This project makes Avra Valley and recovered Colorado River water available for blending into the distribution system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Water Revenue Bond Funds	0.1	-	-	**-**	-	-	-	-	**-**	-	**0.1**
2005 Water Revenue Bond Funds	32.8	-	-	**-**	-	-	-	-	**-**	-	**32.8**
Future Water Revenue Bonds	-	-	-	**-**	5,808.0	8,670.0	-	-	**14,478.0**	-	**14,478.0**
Tucson Water Revenue and Operations Fund	0.6	-	-	**-**	-	-	-	-	**-**	-	**0.6**
Total	33.5	-	-	**-**	5,808.0	8,670.0	-	-	**14,478.0**	-	**14,511.5**

Thornydale/Tangerine C Zone Reservoir

Project ID: W471
Start Date: 7/04
End Date: 6/10
Location: County

Description:
Design and construct a 3 million gallon reservoir to address projected population growth and increased water demand in this area. Approximately 85% of the total project costs will be shared with area developers and the remaining 15% paid by Tucson Water for oversizing to meet projected additional customer demand in the area. This project schedule is controlled by developers and has experienced delays; completion is now scheduled for Fiscal Year 2010.

Justification:
The existing facilities will fall short of meeting projected water demand in the near future. This facility will provide for projected population growth and increased water demand in this area.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	21.1	-	-	**-**	-	-	-	-	**-**	-	**21.1**
2009 Water Revenue Obligation Fund	3,317.0	500.0	1,200.0	**1,700.0**	-	-	-	-	**1,700.0**	-	**5,017.0**
Tucson Water Revenue and Operations Fund	683.0	-	300.0	**300.0**	-	-	-	-	**300.0**	-	**983.0**
Total	4,021.1	500.0	1,500.0	**2,000.0**	-	-	-	-	**2,000.0**	-	**6,021.1**

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Avra Valley D Zone Pressure Regulating Valves											
Future Water Revenue Bonds	-	-	-	**-**	-	-	155.0	106.0	**261.0**	654.0	915.0
	-	**-**	**-**	**-**	**-**	**-**	**155.0**	**106.0**	**261.0**	**654.0**	**915.0**
CAVSARP Booster Expansion											
2005 Water Revenue Bond Funds	448.0	-	2,500.0	**2,500.0**	-	-	-	-	**2,500.0**	-	2,948.0
2009 Water Revenue Obligation Fund	-	-	115.0	**115.0**	-	-	-	-	**115.0**	-	115.0
Tucson Water Revenue and Operations Fund	15.4	-	-	**-**	-	-	-	-	**-**	-	15.4
	463.4	**-**	**2,615.0**	**2,615.0**	**-**	**-**	**-**	**-**	**2,615.0**	**-**	**3,078.4**
Plant 9 Booster - Chemical Feed Upgrades											
2005 Water Revenue Bond Funds	-	-	1,500.0	**1,500.0**	-	-	-	-	**1,500.0**	-	1,500.0
2009 Water Revenue Obligation Fund	-	-	485.0	**485.0**	-	-	-	-	**485.0**	-	485.0
Tucson Water Revenue and Operations Fund	400.0	-	-	**-**	-	-	-	-	**-**	-	400.0
Water Infrastructure Reserve Fund	580.8	-	-	**-**	-	-	-	-	**-**	-	580.8
	980.8	**-**	**1,985.0**	**1,985.0**	**-**	**-**	**-**	**-**	**1,985.0**	**-**	**2,965.8**
Pumping Facility Modifications											
2009 Water Revenue Obligation Fund	-	-	310.0	**310.0**	-	-	-	-	**310.0**	-	310.0
Future Water Revenue Bonds	-	-	-	**-**	313.0	316.0	319.0	329.0	**1,277.0**	1,783.0	3,060.0
	-	**-**	**310.0**	**310.0**	**313.0**	**316.0**	**319.0**	**329.0**	**1,587.0**	**1,783.0**	**3,370.0**
Program Area Total	**1,444.2**	**-**	**4,910.0**	**4,910.0**	**313.0**	**316.0**	**474.0**	**435.0**	**6,448.0**	**2,437.0**	**10,329.2**

Source of Funds Summary											
2005 Water Revenue Bond Funds	448.0	-	4,000.0	**4,000.0**	-	-	-	-	**4,000.0**	-	4,448.0
2009 Water Revenue Obligation Fund	-	-	910.0	**910.0**	-	-	-	-	**910.0**	-	910.0
Future Water Revenue Bonds	-	-	-	**-**	313.0	316.0	474.0	435.0	**1,538.0**	2,437.0	3,975.0
Tucson Water Revenue and Operations Fund	415.4	-	-	**-**	-	-	-	-	**-**	-	415.4
Water Infrastructure Reserve Fund	580.8	-	-	**-**	-	-	-	-	**-**	-	580.8
Program Area Total	**1,444.2**	**-**	**4,910.0**	**4,910.0**	**313.0**	**316.0**	**474.0**	**435.0**	**6,448.0**	**2,437.0**	**10,329.2**

Tucson Water - Potable Pumping Plant

($000)

Avra Valley D Zone Pressure Regulating Valves

Project ID: W527
Start Date: 7/12
End Date: 6/15
Location: City and County

Description:
Design and construct four pressure regulating valve stations, metering, and control devices on the Avra Valley Augmentation Transmission Main, the 24-inch Santa Cruz River, the 48-inch Park Avenue, and the 48-inch Alvernon Way/Valencia Road C Zone Transmission Mains. The design will be completed in Fiscal Year 2013 with construction completed in Fiscal Year 2015.

Justification:
Water will be moved from the Avra Valley Augmentation Transmission Main at D Zone pressure levels into A1, B1, and C1 Zones, which will improve reliability. The C1 Zone pressure regulating valve will provide additional water supply to the water system in the southeast service area.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	-	-	155.0	106.0	**261.0**	654.0	**915.0**
Total	-	-	-	**-**	-	-	155.0	106.0	**261.0**	654.0	**915.0**

CAVSARP Booster Expansion

Project ID: W571
Start Date: 7/09
End Date: 6/10
Location: County

Description:
Design and construct upgrades to expand the existing Central Avra Valley Storage and Recovery Project (CAVSARP) Booster Station from 54 million gallons-per-day (MGD) capacity to approximately 70 MGD.

Justification:
This project will increase the capability to move recovered Colorado River water into the Tucson Water distribution system from the CAVSARP in Avra Valley.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	448.0	-	2,500.0	**2,500.0**	-	-	-	-	**2,500.0**	-	**2,948.0**
2009 Water Revenue Obligation Fund	-	-	115.0	**115.0**	-	-	-	-	**115.0**	-	**115.0**
Tucson Water Revenue and Operations Fund	15.4	-	-	**-**	-	-	-	-	**-**	-	**15.4**
Total	463.4	-	2,615.0	**2,615.0**	-	-	-	-	**2,615.0**	-	**3,078.4**

Tucson Water - Potable Pumping Plant

($000)

Plant 9 Booster - Chemical Feed Upgrades

Project ID: W722
Start Date: 7/08
End Date: 6/10
Location: County

Description:
Design and construct new booster pumps, plant piping, control system, caustic storage and feed system, and reconstruct the existing sodium hypochlorite feed system to work with the new site configuration.

Justification:
This facility must be upgraded to allow for the addition of chemical feed facilities to treat Southern Avra Valley groundwater as it becomes increasingly influenced by the recharge of Colorado River water from the Southern Avra Valley Storage and Recovery Project.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	-	-	1,500.0	**1,500.0**	-	-	-	-	**1,500.0**	-	**1,500.0**
2009 Water Revenue Obligation Fund	-	-	485.0	**485.0**	-	-	-	-	**485.0**	-	**485.0**
Tucson Water Revenue and Operations Fund	400.0	-	-	**-**	-	-	-	-	**-**	-	**400.0**
Water Infrastructure Reserve Fund	580.8	-	-	**-**	-	-	-	-	**-**	-	**580.8**
Total	980.8	-	1,985.0	**1,985.0**	-	-	-	-	**1,985.0**	-	**2,965.8**

Pumping Facility Modifications

Project ID: W254
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Modify existing production facilities, including the installation of new flow meters at existing booster facilities to replace failed flow meters and the construction of minor improvements, such as upsizing pumps.

Justification:
These modifications are needed to ensure that system flows are monitored and logged to improve pump efficiency and dependability and to increase capacity.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	310.0	**310.0**	-	-	-	-	**310.0**	-	**310.0**
Future Water Revenue Bonds	-	-	-	**-**	313.0	316.0	319.0	329.0	**1,277.0**	1,783.0	**3,060.0**
Total	-	-	310.0	**310.0**	313.0	316.0	319.0	329.0	**1,587.0**	1,783.0	**3,370.0**

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
36-inch Sandario Transmission Main Replacement											
2009 Water Revenue Obligation Fund	-	-	220.0	**220.0**	-	-	-	-	**220.0**	-	220.0
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	-	-	-	**1,010.0**	-	1,010.0
Water Infrastructure Reserve Fund	1,100.1	-	-	**-**	-	-	-	-	**-**	-	1,100.1
	1,100.1	**-**	**220.0**	**220.0**	**1,010.0**	**-**	**-**	**-**	**1,230.0**	**-**	**2,330.1**
Avra Valley Transmission Main Augmentation											
2005 Water Revenue Bond Funds	888.5	-	-	**-**	-	-	-	-	**-**	-	888.5
2009 Water Revenue Obligation Fund	180.0	100.0	-	**100.0**	-	-	-	-	**100.0**	-	280.0
Future Water Revenue Bonds	-	-	-	**-**	-	510.0	860.0	-	**1,370.0**	53,195.0	54,565.0
Tucson Water Revenue and Operations Fund	23.4	-	-	**-**	-	-	-	-	**-**	-	23.4
	1,091.9	**100.0**	**-**	**100.0**	**-**	**510.0**	**860.0**	**-**	**1,470.0**	**53,195.0**	**55,756.9**
CAVSARP/SAVSARP Interconnect Phase II											
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	50.0
Future Water Revenue Bonds	-	-	-	**-**	4,040.0	3,060.0	-	-	**7,100.0**	-	7,100.0
	-	**-**	**50.0**	**50.0**	**4,040.0**	**3,060.0**	**-**	**-**	**7,150.0**	**-**	**7,150.0**
Cathodic Protection for Critical Pipelines											
2009 Water Revenue Obligation Fund	-	-	300.0	**300.0**	-	-	-	-	**300.0**	-	300.0
Future Water Revenue Bonds	-	-	-	**-**	303.0	306.0	309.0	318.0	**1,236.0**	1,725.0	2,961.0
	-	**-**	**300.0**	**300.0**	**303.0**	**306.0**	**309.0**	**318.0**	**1,536.0**	**1,725.0**	**3,261.0**
Fairview Transmission Main											
2009 Water Revenue Obligation Fund	-	-	750.0	**750.0**	-	-	-	-	**750.0**	-	750.0
	-	**-**	**750.0**	**750.0**	**-**	**-**	**-**	**-**	**750.0**	**-**	**750.0**
Pipeline Protection: Acoustic Monitoring											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	101.0	102.0	103.0	106.0	**412.0**	575.0	987.0
	-	**-**	**100.0**	**100.0**	**101.0**	**102.0**	**103.0**	**106.0**	**512.0**	**575.0**	**1,087.0**

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Rehabilitation of Critical Transmission Mains											
2009 Water Revenue Obligation Fund	-	-	135.0	**135.0**	-	-	-	-	**135.0**	-	135.0
Future Water Revenue Bonds	-	-	-	**-**	141.0	148.0	155.0	212.0	**656.0**	1,150.0	1,806.0
	-	**-**	**135.0**	**135.0**	**141.0**	**148.0**	**155.0**	**212.0**	**791.0**	**1,150.0**	**1,941.0**
South Avra Valley Recovered Transmission Main											
2005 Water Revenue Bond Funds	268.1	-	-	**-**	-	-	-	-	**-**	-	268.1
2009 Water Revenue Obligation Fund	554.0	1,500.0	1,150.0	**2,650.0**	-	-	-	-	**2,650.0**	-	3,204.0
Future Water Revenue Bonds	-	-	-	**-**	-	-	416.0	4,480.0	**4,896.0**	56,180.0	61,076.0
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	2,159.0	4,000.0	**6,159.0**	-	6,159.0
	822.1	**1,500.0**	**1,150.0**	**2,650.0**	**-**	**-**	**2,575.0**	**8,480.0**	**13,705.0**	**56,180.0**	**70,707.1**
Transmission Main Projects - General											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	505.0	510.0	1,988.0	2,025.0	**5,028.0**	17,250.0	22,278.0
	-	**-**	**100.0**	**100.0**	**505.0**	**510.0**	**1,988.0**	**2,025.0**	**5,128.0**	**17,250.0**	**22,378.0**
Union Pacific Railroad Potable Casing Extensions											
2009 Water Revenue Obligation Fund	750.0	250.0	-	**250.0**	-	-	-	-	**250.0**	-	1,000.0
Water Infrastructure Reserve Fund	46.5	-	-	**-**	-	-	-	-	**-**	-	46.5
	796.5	**250.0**	**-**	**250.0**	**-**	**-**	**-**	**-**	**250.0**	**-**	**1,046.5**

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Upgrade Corrosion Test Stations											
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	50.0
Future Water Revenue Bonds	-	-	-	**-**	51.0	51.0	52.0	53.0	**207.0**	288.0	495.0
	-	**-**	**50.0**	**50.0**	**51.0**	**51.0**	**52.0**	**53.0**	**257.0**	**288.0**	**545.0**
Program Area Total	**3,810.6**	**1,850.0**	**2,855.0**	**4,705.0**	**6,151.0**	**4,687.0**	**6,042.0**	**11,194.0**	**32,779.0**	**130,363.0**	**166,952.6**
Source of Funds Summary											
2005 Water Revenue Bond Funds	1,156.6	-	-	**-**	-	-	-	-	**-**	-	1,156.6
2009 Water Revenue Obligation Fund	1,484.0	1,850.0	2,855.0	**4,705.0**	-	-	-	-	**4,705.0**	-	6,189.0
Future Water Revenue Bonds	-	-	-	**-**	6,151.0	4,687.0	3,883.0	7,194.0	**21,915.0**	130,363.0	152,278.0
Tucson Water Revenue and Operations Fund	23.4	-	-	**-**	-	-	2,159.0	4,000.0	**6,159.0**	-	6,182.4
Water Infrastructure Reserve Fund	1,146.6	-	-	**-**	-	-	-	-	**-**	-	1,146.6
Program Area Total	**3,810.6**	**1,850.0**	**2,855.0**	**4,705.0**	**6,151.0**	**4,687.0**	**6,042.0**	**11,194.0**	**32,779.0**	**130,363.0**	**166,952.6**

Tucson Water - Potable Transmission

($000)

36-inch Sandario Transmission Main Replacement

Project ID: W724
Start Date: 1/08
End Date: 6/11
Location:

Description:
Replace approximately 4,400 feet of 36-inch concrete cylinder pipe. Design will be completed in Fiscal Year 2010 and construction will be completed in Fiscal Year 2011.

Justification:
Numerous repairs were made to the pipe over the past few years. A thorough assessment of the pipe revealed it was no longer serviceable. The Sandario pipeline is critical for delivering water from the Avra Valley wellfield into the central system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	220.0	**220.0**	-	-	-	-	**220.0**	-	**220.0**
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	-	-	-	**1,010.0**	-	**1,010.0**
Water Infrastructure Reserve Fund	1,100.1	-	-	**-**	-	-	-	-	**-**	-	**1,100.1**
Total	1,100.1	-	220.0	**220.0**	1,010.0	-	-	-	**1,230.0**	-	**2,330.1**

Avra Valley Transmission Main Augmentation

Project ID: W410
Start Date: 7/06
End Date: 7/17
Location: City and County

Description:
Design and construct approximately 60,000 feet of 48-inch diameter transmission main to deliver water from the Hayden-Udall Treatment Plant to the central system and southeast Tucson. Conceptual route study, easement acquisitions, and design will be completed by Fiscal Year 2013; construction will begin in Fiscal Year 2015.

Justification:
This project will provide reliable delivery of SAVSARP (Southern Avra Valley Storage and Recovery Project) water to the central system by creating an alternate delivery route.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	888.5	-	-	**-**	-	-	-	-	**-**	-	**888.5**
2009 Water Revenue Obligation Fund	180.0	100.0	-	**100.0**	-	-	-	-	**100.0**	-	**280.0**
Future Water Revenue Bonds	-	-	-	**-**	-	510.0	860.0	-	**1,370.0**	53,195.0	**54,565.0**
Tucson Water Revenue and Operations Fund	23.4	-	-	**-**	-	-	-	-	**-**	-	**23.4**
Total	1,091.9	100.0	-	**100.0**	-	510.0	860.0	-	**1,470.0**	53,195.0	**55,756.9**

Tucson Water - Potable Transmission

($000)

Cathodic Protection for Critical Pipelines

Project ID: W320
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Design and construct cathodic protection and corrosion monitoring facilities. These pipelines range from 16- to 96-inches in diameter and are located throughout Tucson Water's service area.

Justification:
This project is necessary to prevent corrosion-related failure of the City's largest and most critical potable water pipelines.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	300.0	**300.0**	-	-	-	-	**300.0**	-	**300.0**
Future Water Revenue Bonds	-	-	-	**-**	303.0	306.0	309.0	318.0	**1,236.0**	1,725.0	**2,961.0**
Total	-	-	300.0	**300.0**	303.0	306.0	309.0	318.0	**1,536.0**	1,725.0	**3,261.0**

CAVSARP/SAVSARP Interconnect Phase II

Project ID: W734
Start Date: 7/09
End Date: 6/12
Location: County

Description:
Design and construct 3 miles of 48-inch transmission main from the proposed Southern Avra Valley Storage and Recovery Project (SAVSARP) Reservoir and Booster Station to a 48-inch turnout located on the 72-inch Central Avra Valley Storage and Recovery Project (CAVSARP) Recovered Water Pipeline. This is the first phase of the proposed interconnect between the CAVSARP and SAVSARP wellfields.

Justification:
This project will convey recovered Colorado River water from the SAVSARP Recharge Facilities to a 72-inch CAVSARP recovered water pipeline, and provide future operational flexibility of the Clearwater Facilities.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	**50.0**
Future Water Revenue Bonds	-	-	-	**-**	4,040.0	3,060.0	-	-	**7,100.0**	-	**7,100.0**
Total	-	-	50.0	**50.0**	4,040.0	3,060.0	-	-	**7,150.0**	-	**7,150.0**

Tucson Water - Potable Transmission

($000)

Fairview Transmission Main

Project ID: W739
Start Date: 7/09
End Date: 6/10
Location: Ward 3

Description:
Design and install approximately 4,000 feet of 16-inch pipe on Fairview from Miracle Mile to Prince.

Justification:
This project replaces the transmission main in Fairview from Miracle Mile to Prince that has experienced numerous failures.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	750.0	**750.0**	-	-	-	-	**750.0**	-	**750.0**
Total	-	-	750.0	**750.0**	-	-	-	-	**750.0**	-	**750.0**

Pipeline Protection: Acoustic Monitoring

Project ID: W506
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Install hydrophones to acoustically monitor critical pipelines that are pre-stressed concrete cylinder pipes wrapped with high tensile pre-stressed steel wire. Wire slips or breaks will be recorded and communicated to the existing pipeline monitoring system by desktop computer and cellular phone.

Justification:
These hydrophones will monitor wire degradation in distressed reaches of the system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	101.0	102.0	103.0	106.0	**412.0**	575.0	**987.0**
Total	-	-	100.0	**100.0**	101.0	102.0	103.0	106.0	**512.0**	575.0	**1,087.0**

Tucson Water - Potable Transmission

($000)

Rehabilitation of Critical Transmission Mains

Project ID: W518
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Rehabilitate prestressed concrete cylinder pipe transmission main segments by installing tendons at approximately 3-inch intervals and applying shotcrete (concrete applied at high velocity). One or two pipe segments will be rehabilitated each fiscal year.

Justification:
The Pipeline Protection Program, through its internal electromagnetic surveys, has identified several distressed concrete cylinder pipe segments containing a high number of broken wires. Operating pressure conditions combined with a critical number of wire breaks could result in pipe failure. This project will strengthen and improve the integrity of the pipe to provide continuous water delivery and prevent interruptions in service.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	135.0	**135.0**	-	-	-	-	**135.0**	-	**135.0**
Future Water Revenue Bonds	-	-	-	**-**	141.0	148.0	155.0	212.0	**656.0**	1,150.0	**1,806.0**
Total	-	-	135.0	**135.0**	141.0	148.0	155.0	212.0	**791.0**	1,150.0	**1,941.0**

South Avra Valley Recovered Transmission Main

Project ID: W444
Start Date: 7/08
End Date: 6/16
Location: County

Description:
Design and install approximately 48,000 feet of 84-inch transmission main in South Avra Valley. Easement acquisition begins in Fiscal Year 2010. Design and construction of the first phase will begin in Fiscal Year 2013.

Justification:
This pipeline will convey recovered, recharged Colorado River water from the Southern Avra Valley Storage and Recovery Project basins to the Hayden-Udall Treatment Plant.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	268.1	-	-	**-**	-	-	-	-	**-**	-	**268.1**
2009 Water Revenue Obligation Fund	554.0	1,500.0	1,150.0	**2,650.0**	-	-	-	-	**2,650.0**	-	**3,204.0**
Future Water Revenue Bonds	-	-	-	**-**	-	-	416.0	4,480.0	**4,896.0**	56,180.0	**61,076.0**
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	2,159.0	4,000.0	**6,159.0**	-	**6,159.0**
Total	822.1	1,500.0	1,150.0	**2,650.0**	-	-	2,575.0	8,480.0	**13,705.0**	56,180.0	**70,707.1**

Tucson Water - Potable Transmission

($000)

Transmission Main Projects - General

Project ID: WD99
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Budget capacity for anticipated, but not yet specifically identified, projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs.

Justification:
This project will ensure that the utility can meet future water demands as population and usage change.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	505.0	510.0	1,988.0	2,025.0	**5,028.0**	17,250.0	**22,278.0**
Total	-	-	100.0	**100.0**	505.0	510.0	1,988.0	2,025.0	**5,128.0**	17,250.0	**22,378.0**

Union Pacific Railroad Potable Casing Extensions

Project ID: W719
Start Date: 7/08
End Date: 9/09
Location: County

Description:
Extend potable water casings at railroad crossings.

Justification:
Union Pacific Railroad is adding an additional track to its system. This track will cross five water lines, the largest being the 42-inch main at Ina Road. This project will ensure that water crossings are not damaged by the new railroad tracks.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	750.0	250.0	-	**250.0**	-	-	-	-	**250.0**	-	**1,000.0**
Water Infrastructure Reserve Fund	46.5	-	-	**-**	-	-	-	-	**-**	-	**46.5**
Total	796.5	250.0	-	**250.0**	-	-	-	-	**250.0**	-	**1,046.5**

Tucson Water - Potable Transmission

($000)

Upgrade Corrosion Test Stations

Project ID: W327

Start Date: Annual
End Date: Annual

Location: City and County

Description:
Upgrade and replace substandard transmission main corrosion test stations and rectifiers.

Justification:
These upgrades will enhance the reliability of Tucson Water's Corrosion Monitoring Program, providing a means to better monitor, predict, and prevent pipeline failures.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	**50.0**
Future Water Revenue Bonds	-	-	-	**-**	51.0	51.0	52.0	53.0	**207.0**	288.0	**495.0**
Total	-	-	50.0	**50.0**	51.0	51.0	52.0	53.0	**257.0**	288.0	**545.0**

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Distribution Main Projects - General											
Future Water Revenue Bonds	-	-	-	**-**	1,515.0	1,040.0	1,244.0	1,240.0	**5,039.0**	2,875.0	7,914.0
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	1,000.0	3,000.0	3,000.0	**7,000.0**	-	7,000.0
	-	**-**	**-**	**-**	**1,515.0**	**2,040.0**	**4,244.0**	**4,240.0**	**12,039.0**	**2,875.0**	**14,914.0**
Emergency Main Replacement											
2009 Water Revenue Obligation Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	200.0
Future Water Revenue Bonds	-	-	-	**-**	202.0	204.0	206.0	212.0	**824.0**	1,150.0	1,974.0
	-	**-**	**200.0**	**200.0**	**202.0**	**204.0**	**206.0**	**212.0**	**1,024.0**	**1,150.0**	**2,174.0**
Extensions for New Services											
Tucson Water Revenue and Operations Fund	-	-	10.0	**10.0**	10.0	10.0	10.0	11.0	**51.0**	58.0	109.0
	-	**-**	**10.0**	**10.0**	**10.0**	**10.0**	**10.0**	**11.0**	**51.0**	**58.0**	**109.0**
On-Call Valve Replacement Program											
2009 Water Revenue Obligation Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	200.0
Future Water Revenue Bonds	-	-	-	**-**	202.0	204.0	206.0	212.0	**824.0**	1,150.0	1,974.0
	-	**-**	**200.0**	**200.0**	**202.0**	**204.0**	**206.0**	**212.0**	**1,024.0**	**1,150.0**	**2,174.0**
Payments to Developers for Oversized Systems											
Tucson Water Revenue and Operations Fund	-	-	100.0	**100.0**	101.0	102.0	103.0	106.0	**512.0**	575.0	1,087.0
	-	**-**	**100.0**	**100.0**	**101.0**	**102.0**	**103.0**	**106.0**	**512.0**	**575.0**	**1,087.0**
Review Developer-Financed Potable Projects											
Tucson Water Revenue and Operations Fund	-	-	950.0	**950.0**	960.0	969.0	979.0	1,007.0	**4,865.0**	5,463.0	10,328.0
	-	**-**	**950.0**	**950.0**	**960.0**	**969.0**	**979.0**	**1,007.0**	**4,865.0**	**5,463.0**	**10,328.0**
Road Improvement Main Replacements											
2009 Water Revenue Obligation Fund	-	1,734.0	5,751.0	**7,485.0**	-	-	-	-	**7,485.0**	-	7,485.0
Future Water Revenue Bonds	-	-	-	**-**	5,945.0	5,119.0	7,352.0	9,295.0	**27,711.0**	36,988.0	64,699.0
Tucson Water Revenue and Operations Fund	-	-	1,717.0	**1,717.0**	1,384.0	3,476.0	1,797.0	541.0	**8,915.0**	-	8,915.0
	-	**1,734.0**	**7,468.0**	**9,202.0**	**7,329.0**	**8,595.0**	**9,149.0**	**9,836.0**	**44,111.0**	**36,988.0**	**81,099.0**

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Routine Main Replacements											
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	500.0
Future Water Revenue Bonds	-	-	-	**-**	303.0	306.0	309.0	318.0	**1,236.0**	-	1,236.0
	-	**-**	**500.0**	**500.0**	**303.0**	**306.0**	**309.0**	**318.0**	**1,736.0**	**-**	**1,736.0**
SAVSARP Collector Pipelines, Ph. I and II											
2005 Water Revenue Bond Funds	42.8	-	-	**-**	-	-	-	-	**-**	-	42.8
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	500.0
Future Water Revenue Bonds	-	-	-	**-**	5,454.0	3,876.0	-	-	**9,330.0**	-	9,330.0
	42.8	**-**	**500.0**	**500.0**	**5,454.0**	**3,876.0**	**-**	**-**	**9,830.0**	**-**	**9,872.8**
SAVSARP Collector Pipelines, Ph. III											
Future Water Revenue Bonds	-	-	-	**-**	-	-	-	106.0	**106.0**	4,080.0	4,186.0
Tucson Water Revenue and Operations Fund	0.5	-	-	**-**	-	-	-	-	**-**	-	0.5
	0.5	**-**	**-**	**-**	**-**	**-**	**-**	**106.0**	**106.0**	**4,080.0**	**4,186.5**
Samos Main Replacement											
2005 Water Revenue Bond Funds	52.8	-	-	**-**	-	-	-	-	**-**	-	52.8
2009 Water Revenue Obligation Fund	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	1,000.0
Future Water Revenue Bonds	-	-	-	**-**	505.0	-	-	-	**505.0**	-	505.0
Tucson Water Revenue and Operations Fund	24.8	-	-	**-**	-	-	-	-	**-**	-	24.8
	77.6	**-**	**1,000.0**	**1,000.0**	**505.0**	**-**	**-**	**-**	**1,505.0**	**-**	**1,582.6**

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Water System Acquisitions											
Tucson Water Revenue and Operations Fund	100.0	-	100.0	**100.0**	101.0	-	-	-	**201.0**	-	301.0
	100.0	**-**	**100.0**	**100.0**	**101.0**	**-**	**-**	**-**	**201.0**	**-**	**301.0**
Program Area Total	**220.9**	**1,734.0**	**11,028.0**	**12,762.0**	**16,682.0**	**16,306.0**	**15,206.0**	**16,048.0**	**77,004.0**	**52,339.0**	**129,563.9**
Source of Funds Summary											
2005 Water Revenue Bond Funds	95.6	-	-	**-**	-	-	-	-	**-**	-	95.6
2009 Water Revenue Obligation Fund	-	1,734.0	8,151.0	**9,885.0**	-	-	-	-	**9,885.0**	-	9,885.0
Future Water Revenue Bonds	-	-	-	**-**	14,126.0	10,749.0	9,317.0	11,383.0	**45,575.0**	46,243.0	91,818.0
Tucson Water Revenue and Operations Fund	125.3	-	2,877.0	**2,877.0**	2,556.0	5,557.0	5,889.0	4,665.0	**21,544.0**	6,096.0	27,765.3
Program Area Total	**220.9**	**1,734.0**	**11,028.0**	**12,762.0**	**16,682.0**	**16,306.0**	**15,206.0**	**16,048.0**	**77,004.0**	**52,339.0**	**129,563.9**

Tucson Water - Potable Distribution

($000)

Distribution Main Projects - General

Project ID: WDD9
Start Date: 7/10
End Date: 6/19
Location: City and County

Description:
Budget capacity for anticipated, but not yet specifically identified infrastructure replacement projects. Projects will be determined as part of Tucson Water's ongoing capital budget process, which takes a comprehensive look at system needs and priorities.

Justification:
These projects will ensure that the system can meet volume and pressure requirements during the summer months.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	1,515.0	1,040.0	1,244.0	1,240.0	**5,039.0**	2,875.0	**7,914.0**
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	1,000.0	3,000.0	3,000.0	**7,000.0**	-	**7,000.0**
Total	-	-	-	**-**	1,515.0	2,040.0	4,244.0	4,240.0	**12,039.0**	2,875.0	**14,914.0**

Emergency Main Replacement

Project ID: W186
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Replace approximately 3,000 feet of 2-inch, 4-inch, and 6-inch new mains on an as-needed, emergency basis.

Justification:
Immediate response to requests for emergency main replacements is required to reduce water loss, ensure system reliability, and maintain water quality.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	**200.0**
Future Water Revenue Bonds	-	-	-	**-**	202.0	204.0	206.0	212.0	**824.0**	1,150.0	**1,974.0**
Total	-	-	200.0	**200.0**	202.0	204.0	206.0	212.0	**1,024.0**	1,150.0	**2,174.0**

Tucson Water - Potable Distribution

($000)

Extensions for New Services

Project ID: W107
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Design and install minor extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer.

Justification:
Extensions allow Tucson Water to install (or upgrade piping in order to install) new services in an expedient manner. This project ensures that piping is suitable in strength and durability and is available to connect to the distribution system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	10.0	**10.0**	10.0	10.0	10.0	11.0	**51.0**	58.0	**109.0**
Total	-	-	10.0	**10.0**	10.0	10.0	10.0	11.0	**51.0**	58.0	**109.0**

On-Call Valve Replacement Program

Project ID: W283
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Replace and upgrade broken or inoperable water valves.

Justification:
This replacement program reduces the number of unplanned water interruptions to customers, maintain water quality, and contribute to a more reliable system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	**200.0**
Future Water Revenue Bonds	-	-	-	**-**	202.0	204.0	206.0	212.0	**824.0**	1,150.0	**1,974.0**
Total	-	-	200.0	**200.0**	202.0	204.0	206.0	212.0	**1,024.0**	1,150.0	**2,174.0**

Tucson Water - Potable Distribution

($000)

Payments to Developers for Oversized Systems

Project ID: W108
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Reimburse developers for the cost of oversizing water system components (pipes, mains, and boosters) when Tucson Water requests a capacity greater than needed by the development.

Justification:
Oversizing is sometimes required to supply future projected demands consistent with Tucson Water's long range planning and to avoid expensive replacement by the utility in the future.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	100.0	**100.0**	101.0	102.0	103.0	106.0	**512.0**	575.0	**1,087.0**
Total	-	-	100.0	**100.0**	101.0	102.0	103.0	106.0	**512.0**	575.0	**1,087.0**

Review Developer-Financed Potable Projects

Project ID: W109
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Conduct plan reviews and construction inspection of developer-financed water system infrastructure projects. Associated costs are recovered by fees paid by the developer. These systems are donated to Tucson Water upon completion.

Justification:
The review and inspection of developer-financed water system infrastructure projects ensure compliance with Tucson Water requirements.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	950.0	**950.0**	960.0	969.0	979.0	1,007.0	**4,865.0**	5,463.0	**10,328.0**
Total	-	-	950.0	**950.0**	960.0	969.0	979.0	1,007.0	**4,865.0**	5,463.0	**10,328.0**

Tucson Water - Potable Distribution

($000)

Road Improvement Main Replacements

Project ID: W111
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Install water mains during road improvement projects of City of Tucson, Pima County, Arizona Department of Transportation, and other agencies, including Regional Transit Authority (RTA) projects. Intergovernmental agreements determine the City of Tucson cost allocation for each project.

Justification:
Replacing water mains during roadway projects allows Tucson Water to maintain system capacity while saving money on the cost of pavement removal and replacement.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	1,734.0	5,751.0	**7,485.0**	-	-	-	-	**7,485.0**	-	**7,485.0**
Future Water Revenue Bonds	-	-	-	**-**	5,945.0	5,119.0	7,352.0	9,295.0	**27,711.0**	36,988.0	**64,699.0**
Tucson Water Revenue and Operations Fund	-	-	1,717.0	**1,717.0**	1,384.0	3,476.0	1,797.0	541.0	**8,915.0**	-	**8,915.0**
Total	-	1,734.0	7,468.0	**9,202.0**	7,329.0	8,595.0	9,149.0	9,836.0	**44,111.0**	36,988.0	**81,099.0**

Routine Main Replacements

Project ID: W252
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Design and construct previously unidentified minor main replacements.

Justification:
These main replacements improve service to water customers and system reliability.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**500.0**
Future Water Revenue Bonds	-	-	-	**-**	303.0	306.0	309.0	318.0	**1,236.0**	-	**1,236.0**
Total	-	-	500.0	**500.0**	303.0	306.0	309.0	318.0	**1,736.0**	-	**1,736.0**

Tucson Water - Potable Distribution

($000)

Samos Main Replacement

Project ID: W545
Start Date: 7/06
End Date: 6/11
Location: Ward 3

Description:
Design and construct 1,900 feet of 6-inch pipe, 10,000 feet of 8-inch pipe, and 180 service renewals in addition to valves, fire hydrants, pavement, and other appurtenances. The project's approximate boundaries include a new water main along Campbell Avenue from Blacklidge Drive on the north to Grant Road on the south. Other water work is bounded by Adelaide Drive on the north, Copper Street on the south, Mountain Avenue on the west, and Campbell Avenue on the east. Construction is scheduled in Fiscal Year 2010 and Fiscal Year 2011.

Justification:
The department has recently responded to numerous main breaks in the area. This project will improve the integrity of the pipeline by replacing the existing asbestos cement pipes which have deteriorated due to age.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	52.8	-	-	**-**	-	-	-	-	**-**	-	**52.8**
2009 Water Revenue Obligation Fund	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	**1,000.0**
Future Water Revenue Bonds	-	-	-	**-**	505.0	-	-	-	**505.0**	-	**505.0**
Tucson Water Revenue and Operations Fund	24.8	-	-	**-**	-	-	-	-	**-**	-	**24.8**
Total	77.6	-	1,000.0	**1,000.0**	505.0	-	-	-	**1,505.0**	-	**1,582.6**

SAVSARP Collector Pipelines, Ph. I and II

Project ID: W492
Start Date: 7/07
End Date: 6/12
Location: County

Description:
Design and install approximately 13,200 feet of 16-inch pipe, 6,600 feet of 24-inch pipe, 5,000 feet of 30-inch pipe, 2,700 feet of 36-inch pipe, 10,500 feet of 48-inch pipe, 3,500 feet of 54-inch pipe, 1,800 feet of 60-inch pipe, and 350 feet of 72-inch pipe, totaling approximately 44,000 feet of pipe. Design will begin in Fiscal Year 2010, and construction will be completed in Fiscal Year 2012.

Justification:
This project will provide infrastructure for the recovery of recharged Colorado River water from new SAVSARP (Southern Avra Valley Storage and Recovery Project) wells.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	42.8	-	-	**-**	-	-	-	-	**-**	-	**42.8**
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**500.0**
Future Water Revenue Bonds	-	-	-	**-**	5,454.0	3,876.0	-	-	**9,330.0**	-	**9,330.0**
Total	42.8	-	500.0	**500.0**	5,454.0	3,876.0	-	-	**9,830.0**	-	**9,872.8**

Tucson Water - Potable Distribution

($000)

SAVSARP Collector Pipelines, Ph. III

Project ID: W710
Start Date: 6/08
End Date: 6/15
Location: County

Description:
Design and install approximately 5,800 feet of 16-inch pipe, 5,400 feet of 24-inch pipe, 10,500 feet of 30-inch pipe with valves and appurtenances.

Justification:
This project will provide infrastructure for the transmission of recharged Colorado River water from additional SAVSARP (Southern Avra Valley Storage and Recovery Project) wells to the SAVSARP reservoir.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	-	-	-	106.0	**106.0**	4,080.0	**4,186.0**
Tucson Water Revenue and Operations Fund	0.5	-	-	**-**	-	-	-	-	**-**	-	**0.5**
Total	0.5	-	-	**-**	-	-	-	106.0	**106.0**	4,080.0	**4,186.5**

Water System Acquisitions

Project ID: W520
Start Date: 7/07
End Date: 6/11
Location: County

Description:
Acquire water systems with assets in compliance with Tucson Water acquisition standards.

Justification:
Acquisitions will provide a more secure water supply for existing and new customers.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	100.0	-	100.0	**100.0**	101.0	-	-	-	**201.0**	-	**301.0**
Total	100.0	-	100.0	**100.0**	101.0	-	-	-	**201.0**	-	**301.0**

Tucson Water - Potable New Services

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Fire Services											
Tucson Water Revenue and Operations Fund	-	-	2,000.0	**2,000.0**	2,525.0	2,550.0	2,575.0	2,650.0	**12,300.0**	11,500.0	23,800.0
	-	**-**	**2,000.0**	**2,000.0**	**2,525.0**	**2,550.0**	**2,575.0**	**2,650.0**	**12,300.0**	**11,500.0**	**23,800.0**
Water Services											
Tucson Water Revenue and Operations Fund	-	-	1,250.0	**1,250.0**	1,525.0	1,540.0	1,555.0	1,601.0	**7,471.0**	8,683.0	16,154.0
	-	**-**	**1,250.0**	**1,250.0**	**1,525.0**	**1,540.0**	**1,555.0**	**1,601.0**	**7,471.0**	**8,683.0**	**16,154.0**
Program Area Total	**-**	**-**	**3,250.0**	**3,250.0**	**4,050.0**	**4,090.0**	**4,130.0**	**4,251.0**	**19,771.0**	**20,183.0**	**39,954.0**

Source of Funds Summary											
Tucson Water Revenue and Operations Fund	-	-	3,250.0	**3,250.0**	4,050.0	4,090.0	4,130.0	4,251.0	**19,771.0**	20,183.0	39,954.0
Program Area Total	**-**	**-**	**3,250.0**	**3,250.0**	**4,050.0**	**4,090.0**	**4,130.0**	**4,251.0**	**19,771.0**	**20,183.0**	**39,954.0**

Tucson Water - Potable New Services

($000)

Fire Services

Project ID: W124
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Design and install fire hydrants and fire sprinkler service connections in areas needed upon customer request and payment of connection fees.

Justification:
This project is required to provide for the installation of new fire hydrants and fire services to customers upon request.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	2,000.0	**2,000.0**	2,525.0	2,550.0	2,575.0	2,650.0	**12,300.0**	11,500.0	**23,800.0**
Total	-	-	2,000.0	**2,000.0**	2,525.0	2,550.0	2,575.0	2,650.0	**12,300.0**	11,500.0	**23,800.0**

Water Services

Project ID: W114
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Install new metered water services upon customer request and payment of connection fees. These services include minor main connections, extensions, and meters to new services.

Justification:
This project is required to provide for the installation of new metered services to customers upon request.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	1,250.0	**1,250.0**	1,525.0	1,540.0	1,555.0	1,601.0	**7,471.0**	8,683.0	**16,154.0**
Total	-	-	1,250.0	**1,250.0**	1,525.0	1,540.0	1,555.0	1,601.0	**7,471.0**	8,683.0	**16,154.0**

Tucson Water - Potable General Plant

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Eastside Maintenance Facility											
2005 Water Revenue Bond Funds	673.9	-	-	**-**	-	-	-	-	**-**	-	673.9
2009 Water Revenue Obligation Fund	150.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	300.0
Future Water Revenue Bonds	-	-	-	**-**	2,020.0	3,782.0	-	-	**5,802.0**	-	5,802.0
Tucson Water Revenue and Operations Fund	41.4	-	-	**-**	-	-	-	-	**-**	-	41.4
	865.3	**150.0**	**-**	**150.0**	**2,020.0**	**3,782.0**	**-**	**-**	**5,952.0**	**-**	**6,817.3**
Facility Safety and Security Infrastructure											
2000 Water Revenue Bond Funds	709.4	-	-	**-**	-	-	-	-	**-**	-	709.4
2005 Water Revenue Bond Funds	904.3	-	-	**-**	-	-	-	-	**-**	-	904.3
2009 Water Revenue Obligation Fund	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	1,000.0
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	1,020.0	1,030.0	1,060.0	**4,120.0**	-	4,120.0
Tucson Water Revenue and Operations Fund	74.8	-	-	**-**	-	-	-	-	**-**	-	74.8
	1,688.5	**-**	**1,000.0**	**1,000.0**	**1,010.0**	**1,020.0**	**1,030.0**	**1,060.0**	**5,120.0**	**-**	**6,808.5**
La Entrada HVAC Replacement											
2005 Water Revenue Bond Funds	242.8	-	-	**-**	-	-	-	-	**-**	-	242.8
2009 Water Revenue Obligation Fund	878.0	500.0	-	**500.0**	-	-	-	-	**500.0**	-	1,378.0
Tucson Water Revenue and Operations Fund	33.9	-	-	**-**	-	-	-	-	**-**	-	33.9
	1,154.7	**500.0**	**-**	**500.0**	**-**	**-**	**-**	**-**	**500.0**	**-**	**1,654.7**
Line Replacement - 3/4"											
Tucson Water Revenue and Operations Fund	-	-	300.0	**300.0**	303.0	306.0	309.0	318.0	**1,536.0**	1,725.0	3,261.0
	-	**-**	**300.0**	**300.0**	**303.0**	**306.0**	**309.0**	**318.0**	**1,536.0**	**1,725.0**	**3,261.0**
Meter Upgrade and Replacement Program											
2009 Water Revenue Obligation Fund	-	-	1,250.0	**1,250.0**	-	-	-	-	**1,250.0**	-	1,250.0
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	896.0	1,288.0	1,060.0	**4,254.0**	3,450.0	7,704.0
	-	**-**	**1,250.0**	**1,250.0**	**1,010.0**	**896.0**	**1,288.0**	**1,060.0**	**5,504.0**	**3,450.0**	**8,954.0**

Tucson Water - Potable General Plant

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Miscellaneous Land and Right-of-Way Acquisitions											
Tucson Water Revenue and Operations Fund	-	-	10.0	**10.0**	10.0	10.0	10.0	11.0	**51.0**	58.0	109.0
	-	**-**	**10.0**	**10.0**	**10.0**	**10.0**	**10.0**	**11.0**	**51.0**	**58.0**	**109.0**
Monitoring Equipment Grant											
Tucson Water Fund: Federal Grants	250.0	-	293.0	**293.0**	-	-	-	-	**293.0**	-	543.0
Tucson Water Revenue and Operations Fund	-	-	241.0	**241.0**	-	-	-	-	**241.0**	-	241.0
	250.0	**-**	**534.0**	**534.0**	**-**	**-**	**-**	**-**	**534.0**	**-**	**784.0**
Responsive Meter Replacement											
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	500.0
Future Water Revenue Bonds	-	-	-	**-**	505.0	510.0	515.0	530.0	**2,060.0**	2,875.0	4,935.0
	-	**-**	**500.0**	**500.0**	**505.0**	**510.0**	**515.0**	**530.0**	**2,560.0**	**2,875.0**	**5,435.0**
Source Meter Replacement											
2009 Water Revenue Obligation Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	200.0
Water Infrastructure Reserve Fund	0.3	-	-	**-**	-	-	-	-	**-**	-	0.3
	0.3	**-**	**200.0**	**200.0**	**-**	**-**	**-**	**-**	**200.0**	**-**	**200.3**
Program Area Total	**3,958.8**	**650.0**	**3,794.0**	**4,444.0**	**4,858.0**	**6,524.0**	**3,152.0**	**2,979.0**	**21,957.0**	**8,108.0**	**34,023.8**

Source of Funds Summary											
2000 Water Revenue Bond Funds	709.4	-	-	**-**	-	-	-	-	**-**	-	709.4
2005 Water Revenue Bond Funds	1,821.0	-	-	**-**	-	-	-	-	**-**	-	1,821.0
2009 Water Revenue Obligation Fund	1,028.0	650.0	2,950.0	**3,600.0**	-	-	-	-	**3,600.0**	-	4,628.0
Future Water Revenue Bonds	-	-	-	**-**	4,545.0	6,208.0	2,833.0	2,650.0	**16,236.0**	6,325.0	22,561.0
Tucson Water Fund: Federal Grants	250.0	-	293.0	**293.0**	-	-	-	-	**293.0**	-	543.0
Tucson Water Revenue and Operations Fund	150.1	-	551.0	**551.0**	313.0	316.0	319.0	329.0	**1,828.0**	1,783.0	3,761.1
Water Infrastructure Reserve Fund	0.3	-	-	**-**	-	-	-	-	**-**	-	0.3
Program Area Total	**3,958.8**	**650.0**	**3,794.0**	**4,444.0**	**4,858.0**	**6,524.0**	**3,152.0**	**2,979.0**	**21,957.0**	**8,108.0**	**34,023.8**

Tucson Water - Potable General Plant

($000)

Eastside Maintenance Facility

Project ID: W504
Start Date: 7/05
End Date: 6/12
Location: Ward 4

Description:
Construct the new Eastside satellite facility at 10445 East Golf Links Road. This new satellite facility will house the department's Eastside Operations and Maintenance Division, Metering Services and Stores warehouse. Construction will begin in Fiscal Year 2011 and be completed in Fiscal Year 2012.

Justification:
This satellite facility will place maintenance crews close to the water assets that they maintain, thereby increasing operational efficiency.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	673.9	-	-	**-**	-	-	-	-	**-**	-	**673.9**
2009 Water Revenue Obligation Fund	150.0	150.0	-	**150.0**	-	-	-	-	**150.0**	-	**300.0**
Future Water Revenue Bonds	-	-	-	**-**	2,020.0	3,782.0	-	-	**5,802.0**	-	**5,802.0**
Tucson Water Revenue and Operations Fund	41.4	-	-	**-**	-	-	-	-	**-**	-	**41.4**
Total	865.3	150.0	-	**150.0**	2,020.0	3,782.0	-	-	**5,952.0**	-	**6,817.3**

Facility Safety and Security Infrastructure

Project ID: W381
Start Date: 9/01
End Date: 6/14
Location: City and County

Description:
Implementation of an enterprise-wide security system for Tucson Water. This project will include ongoing security analysis, acquisition and installation of security system hardware and software, video cameras, sensor equipment, as well as building modifications including wiring, access card reader installations and remodel work.

Justification:
This long-range project includes security for approximately 794 parcels owned by Tucson Water.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2000 Water Revenue Bond Funds	709.4	-	-	**-**	-	-	-	-	**-**	-	**709.4**
2005 Water Revenue Bond Funds	904.3	-	-	**-**	-	-	-	-	**-**	-	**904.3**
2009 Water Revenue Obligation Fund	-	-	1,000.0	**1,000.0**	-	-	-	-	**1,000.0**	-	**1,000.0**
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	1,020.0	1,030.0	1,060.0	**4,120.0**	-	**4,120.0**
Tucson Water Revenue and Operations Fund	74.8	-	-	**-**	-	-	-	-	**-**	-	**74.8**
Total	1,688.5	-	1,000.0	**1,000.0**	1,010.0	1,020.0	1,030.0	1,060.0	**5,120.0**	-	**6,808.5**

Tucson Water - Potable General Plant

($000)

La Entrada HVAC Replacement

Project ID: W468
Start Date: 7/04
End Date: 9/09
Location: Ward 1

Description:
Replace existing HVAC (heating, ventilation, and cooling) rooftop units at the La Entrada facility located at 310 W. Alameda. The new units will be powered by natural gas heating start-up equipment rather than electric. Replace variable air volume boxes as required. Provide a new energy management control system with digital controls. Evaluate and replace flexible duct work as required.

Justification:
The HVAC system at La Entrada is over twenty years old, and has reached the end of its useful life. Parts for obsolete equipment are becoming difficult to locate.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	242.8	-	-	**-**	-	-	-	-	**-**	-	**242.8**
2009 Water Revenue Obligation Fund	878.0	500.0	-	**500.0**	-	-	-	-	**500.0**	-	**1,378.0**
Tucson Water Revenue and Operations Fund	33.9	-	-	**-**	-	-	-	-	**-**	-	**33.9**
Total	1,154.7	500.0	-	**500.0**	-	-	-	-	**500.0**	-	**1,654.7**

Line Replacement - 3/4"

Project ID: WR14
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Install replacement service lines as needed system wide on an annual basis. These lines, primarily galvanized steel or HDPE (High Density Polyethylene), are replaced by new copper service lines as needed or upon customer request.

Justification:
This project is required for the replacement of deteriorated service lines. Replacing service lines reduces the number of emergency line repairs and extends the life of the service line.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	300.0	**300.0**	303.0	306.0	309.0	318.0	**1,536.0**	1,725.0	**3,261.0**
Total	-	-	300.0	**300.0**	303.0	306.0	309.0	318.0	**1,536.0**	1,725.0	**3,261.0**

Tucson Water - Potable General Plant

($000)

Meter Upgrade and Replacement Program

Project ID: W435
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Upgrade and install replacement meters system-wide on an annual basis.

Justification:
Tucson Water has more than 30,000 meters over 20-years-old. Older meters become inefficient and tend to under-read water usage.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	1,250.0	**1,250.0**	-	-	-	-	**1,250.0**	-	**1,250.0**
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	896.0	1,288.0	1,060.0	**4,254.0**	3,450.0	**7,704.0**
Total	-	-	1,250.0	**1,250.0**	1,010.0	896.0	1,288.0	1,060.0	**5,504.0**	3,450.0	**8,954.0**

Miscellaneous Land and Right-of-Way Acquisitions

Project ID: W126
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Budget capacity for preliminary real estate services necessary prior to determining the feasibility of a well, booster station, reservoir, or pipeline project. Services include the determination and acquisition of available right-of-way, easements, or real property.

Justification:
This project saves public money by determining the suitability of particular sites or routes prior to investing money in place-based design.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	10.0	**10.0**	10.0	10.0	10.0	11.0	**51.0**	58.0	**109.0**
Total	-	-	10.0	**10.0**	10.0	10.0	10.0	11.0	**51.0**	58.0	**109.0**

Tucson Water - Potable General Plant

($000)

Monitoring Equipment Grant

Project ID: W650
Start Date: 7/07
End Date: 6/10
Location: City and County

Description:
Purchase and install continuous online monitoring equipment at the Environmental Monitoring for Public Access and Community Tracking (EMPACT) monitoring stations and other locations within the potable distribution systems. Installation will be complete in Fiscal Year 2010.

Justification:
The monitoring equipment will measure and determine chemical and microbiological contaminants in real-time, utilizing security platforms.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Fund: Federal Grants	250.0	-	293.0	**293.0**	-	-	-	-	**293.0**	-	**543.0**
Tucson Water Revenue and Operations Fund	-	-	241.0	**241.0**	-	-	-	-	**241.0**	-	**241.0**
Total	250.0	-	534.0	**534.0**	-	-	-	-	**534.0**	-	**784.0**

Responsive Meter Replacement

Project ID: W716
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Budget capacity to replace meters that are not included in the on-going residential meter replacement program.

Justification:
Increase efficiency and revenues by replacing meters that under read or fail to read consumption properly.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**500.0**
Future Water Revenue Bonds	-	-	-	**-**	505.0	510.0	515.0	530.0	**2,060.0**	2,875.0	**4,935.0**
Total	-	-	500.0	**500.0**	505.0	510.0	515.0	530.0	**2,560.0**	2,875.0	**5,435.0**

Tucson Water - Potable General Plant

($000)

Source Meter Replacement

Project ID: W715

Start Date: 7/08
End Date: 6/10

Location: Citywide

Description:
Install new magnetic meters at the wellheads to improve the accounting of how much potable water is produced.

Justification:
This project will assist in determining the amount of real losses versus apparent losses of water.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	200.0	**200.0**	-	-	-	-	**200.0**	-	**200.0**
Water Infrastructure Reserve Fund	0.3	-	-	**-**	-	-	-	-	**-**	-	**0.3**
Total	0.3	-	200.0	**200.0**	-	-	-	-	**200.0**	-	**200.3**

Tucson Water - Potable Treatment

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Advanced Oxidation Process Treatment											
2009 Water Revenue Obligation Fund	-	-	3,000.0	**3,000.0**	-	-	-	-	**3,000.0**	-	3,000.0
Future Water Revenue Bonds	-	-	-	**-**	4,040.0	-	-	-	**4,040.0**	-	4,040.0
Tucson Water Revenue and Operations Fund	250.0	-	-	**-**	-	-	-	-	**-**	-	250.0
	250.0	**-**	**3,000.0**	**3,000.0**	**4,040.0**	**-**	**-**	**-**	**7,040.0**	**-**	**7,290.0**
CAVSARP Central Disinfection Facility											
2009 Water Revenue Obligation Fund	-	-	275.0	**275.0**	-	-	-	-	**275.0**	-	275.0
Tucson Water Revenue and Operations Fund	50.0	-	-	**-**	-	-	-	-	**-**	-	50.0
	50.0	**-**	**275.0**	**275.0**	**-**	**-**	**-**	**-**	**275.0**	**-**	**325.0**
Caustic Line Replacement at Hayden Udall											
2009 Water Revenue Obligation Fund	-	-	159.0	**159.0**	-	-	-	-	**159.0**	-	159.0
	-	**-**	**159.0**	**159.0**	**-**	**-**	**-**	**-**	**159.0**	**-**	**159.0**
Clearwater Chemical Feed System Upgrades											
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	1,020.0	-	-	**2,030.0**	-	2,030.0
	-	**-**	**-**	**-**	**1,010.0**	**1,020.0**	**-**	**-**	**2,030.0**	**-**	**2,030.0**
Program Area Total	**300.0**	**-**	**3,434.0**	**3,434.0**	**5,050.0**	**1,020.0**	**-**	**-**	**9,504.0**	**-**	**9,804.0**

Source of Funds Summary											
2009 Water Revenue Obligation Fund	-	-	3,434.0	**3,434.0**	-	-	-	-	**3,434.0**	-	3,434.0
Future Water Revenue Bonds	-	-	-	**-**	5,050.0	1,020.0	-	-	**6,070.0**	-	6,070.0
Tucson Water Revenue and Operations Fund	300.0	-	-	**-**	-	-	-	-	**-**	-	300.0
Program Area Total	**300.0**	**-**	**3,434.0**	**3,434.0**	**5,050.0**	**1,020.0**	**-**	**-**	**9,504.0**	**-**	**9,804.0**

Tucson Water - Potable Treatment

($000)

Advanced Oxidation Process Treatment

Project ID: W727
Start Date: 7/09
End Date: 6/11
Location: Citywide

Description:
Design and construct an Advanced Oxidation Process Treatment Plant to treat TARP (Tucson Airport Remediation Project) water for 1,4-dioxane removal. The plant will be located at the TARP Facility near I-19 and Irvington.

Justification:
The Environmental Protection Agency is expected to establish health based limits for 1,4-dioxane. Construction of a treatment plant is needed to ensure compliance.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	3,000.0	**3,000.0**	-	-	-	-	**3,000.0**	-	**3,000.0**
Future Water Revenue Bonds	-	-	-	**-**	4,040.0	-	-	-	**4,040.0**	-	**4,040.0**
Tucson Water Revenue and Operations Fund	250.0	-	-	**-**	-	-	-	-	**-**	-	**250.0**
Total	250.0	-	3,000.0	**3,000.0**	4,040.0	-	-	-	**7,040.0**	-	**7,290.0**

Caustic Line Replacement at Hayden Udall

Project ID: W740
Start Date: 7/09
End Date: 12/09
Location: County

Description:
Design and install approximately 600 feet of 1-1/2 inch pipe at the Hayden-Udall Water Treatment Plant. Project includes $20,000 for purchase of injection pump to allow pH adjustment to continue while work is being done on the system.

Justification:
This project is needed to evaluate the existing sodium hydroxide feed line at Hayden Udall Water Treatment Plant and design and construct a new system based on evaluation results. The existing line has had numerous leaks and could lead to unsafe conditions created by these leaks.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	159.0	**159.0**	-	-	-	-	**159.0**	-	**159.0**
Total	-	-	159.0	**159.0**	-	-	-	-	**159.0**	-	**159.0**

Tucson Water - Potable Treatment

($000)

CAVSARP Central Disinfection Facility

Project ID: W729
Start Date: 7/09
End Date: 6/10
Location: County

Description:
This project will provide a central point of control to feed sodium hypochlorite into the Central Avra Valley Storage and Recovery Project (CAVSARP) recovered water supply, thereby eliminating multiple smaller facilities at wellheads throughout the CAVSARP system.

Justification:
This will also reduce maintenance costs and provide for more efficient and controlled disinfection.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	275.0	**275.0**	-	-	-	-	**275.0**	-	**275.0**
Tucson Water Revenue and Operations Fund	50.0	-	-	**-**	-	-	-	-	**-**	-	**50.0**
Total	50.0	-	275.0	**275.0**	-	-	-	-	**275.0**	-	**325.0**

Clearwater Chemical Feed System Upgrades

Project ID: W577
Start Date: 7/10
End Date: 6/12
Location: County

Description:
Provide and install chemical metering pumps and chemical storage tanks at the Hayden-Udall Plant.

Justification:
This project is necessary to accommodate the increased flow of water to Hayden-Udall as more Southern Avra Valley Storage and Recovery Project (SAVSARP) water is introduced into the system.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	1,020.0	-	-	**2,030.0**	-	**2,030.0**
Total	-	-	-	**-**	1,010.0	1,020.0	-	-	**2,030.0**	-	**2,030.0**

Tucson Water - Potable Process Control

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Arc Flash Service Upgrades											
2005 Water Revenue Bond Funds	175.0	-	-	**-**	-	-	-	-	**-**	-	175.0
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	500.0
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	51.0	52.0	-	**1,113.0**	-	1,113.0
Water Infrastructure Reserve Fund	233.9	-	-	**-**	-	-	-	-	**-**	-	233.9
	408.9	**-**	**500.0**	**500.0**	**1,010.0**	**51.0**	**52.0**	**-**	**1,613.0**	**-**	**2,021.9**
Control Panel Replacements: Potable											
2009 Water Revenue Obligation Fund	-	-	120.0	**120.0**	-	-	-	-	**120.0**	-	120.0
Future Water Revenue Bonds	-	-	-	**-**	121.0	122.0	124.0	127.0	**494.0**	575.0	1,069.0
	-	**-**	**120.0**	**120.0**	**121.0**	**122.0**	**124.0**	**127.0**	**614.0**	**575.0**	**1,189.0**
Process Control Projects - Future											
Future Water Revenue Bonds	-	-	-	**-**	505.0	1,020.0	1,545.0	1,060.0	**4,130.0**	2,300.0	6,430.0
	-	**-**	**-**	**-**	**505.0**	**1,020.0**	**1,545.0**	**1,060.0**	**4,130.0**	**2,300.0**	**6,430.0**
Remote Control System Upgrades											
2009 Water Revenue Obligation Fund	-	-	150.0	**150.0**	-	-	-	-	**150.0**	-	150.0
Future Water Revenue Bonds	-	-	-	**-**	152.0	153.0	155.0	159.0	**619.0**	2,875.0	3,494.0
	-	**-**	**150.0**	**150.0**	**152.0**	**153.0**	**155.0**	**159.0**	**769.0**	**2,875.0**	**3,644.0**

Tucson Water - Potable Process Control

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
SCADA Improvement											
2009 Water Revenue Obligation Fund	-	-	250.0	**250.0**	-	-	-	-	**250.0**	-	250.0
Future Water Revenue Bonds	-	-	-	**-**	758.0	-	-	-	**758.0**	-	758.0
Tucson Water Revenue and Operations Fund	500.0	-	-	**-**	-	-	-	-	**-**	-	500.0
	500.0	**-**	**250.0**	**250.0**	**758.0**	**-**	**-**	**-**	**1,008.0**	**-**	**1,508.0**
Program Area Total	**908.9**	**-**	**1,020.0**	**1,020.0**	**2,546.0**	**1,346.0**	**1,876.0**	**1,346.0**	**8,134.0**	**5,750.0**	**14,792.9**

Source of Funds Summary											
2005 Water Revenue Bond Funds	175.0	-	-	**-**	-	-	-	-	**-**	-	175.0
2009 Water Revenue Obligation Fund	-	-	1,020.0	**1,020.0**	-	-	-	-	**1,020.0**	-	1,020.0
Future Water Revenue Bonds	-	-	-	**-**	2,546.0	1,346.0	1,876.0	1,346.0	**7,114.0**	5,750.0	12,864.0
Tucson Water Revenue and Operations Fund	500.0	-	-	**-**	-	-	-	-	**-**	-	500.0
Water Infrastructure Reserve Fund	233.9	-	-	**-**	-	-	-	-	**-**	-	233.9
Program Area Total	**908.9**	**-**	**1,020.0**	**1,020.0**	**2,546.0**	**1,346.0**	**1,876.0**	**1,346.0**	**8,134.0**	**5,750.0**	**14,792.9**

Tucson Water - Potable Process Control

($000)

Arc Flash Service Upgrades

Project ID: W668
Start Date: 7/07
End Date: 6/13
Location: City and County

Description:
Purchase and install on-site power interrupt switches, new label plates warning of potential arc flash hazard, and new personal protective equipment for all personnel that visit a site. Approximately 250 remote sites will require electrical panel installs or upgrades.

Justification:
New OSHA (Occupational Safety and Health Administration) regulation NFPA-70E on electrical safety requires all non-occupied Water Department sites containing electrical breakers or switchgear to be brought into compliance.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	175.0	-	-	**-**	-	-	-	-	**-**	-	**175.0**
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**500.0**
Future Water Revenue Bonds	-	-	-	**-**	1,010.0	51.0	52.0	-	**1,113.0**	-	**1,113.0**
Water Infrastructure Reserve Fund	233.9	-	-	**-**	-	-	-	-	**-**	-	**233.9**
Total	408.9	-	500.0	**500.0**	1,010.0	51.0	52.0	-	**1,613.0**	-	**2,021.9**

Control Panel Replacements: Potable

Project ID: W045
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Install new control panels and dependent electronic equipment used at existing production facilities such as wells, boosters, reservoirs, and pressure reducing valve facilities.

Justification:
The existing control panels are approaching 20 years of service, many are obsolete and cannot be maintained. This project is needed to ensure system reliability.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	120.0	**120.0**	-	-	-	-	**120.0**	-	**120.0**
Future Water Revenue Bonds	-	-	-	**-**	121.0	122.0	124.0	127.0	**494.0**	575.0	**1,069.0**
Total	-	-	120.0	**120.0**	121.0	122.0	124.0	127.0	**614.0**	575.0	**1,189.0**

Tucson Water - Potable Process Control

($000)

Process Control Projects - Future

Project ID: WJ99
Start Date: 7/10
End Date: 6/19
Location: City and County

Description:
Budget capacity for anticipated but not yet specifically identified projects. Projects will be determined as part of Tucson Water's ongoing capital planning process, which takes a comprehensive look at system needs. The gap in funding for this project is necessitated by the need to accommodate the Southern Avra Valley Storage and Recovery Project.

Justification:
The Data Logging and Real Time Control System provides continuous logging and control of all functions necessary to properly operate the water system. Ongoing improvements to the system are needed to keep it functioning properly and ensure system reliability.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	505.0	1,020.0	1,545.0	1,060.0	**4,130.0**	2,300.0	**6,430.0**
Total	-	-	-	**-**	505.0	1,020.0	1,545.0	1,060.0	**4,130.0**	2,300.0	**6,430.0**

Remote Control System Upgrades

Project ID: W521
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Upgrade remote site control systems to bring the sites into compliance with Tucson Water's Remote Site Instrumentation and Control Standards.

Justification:
Currently, 200 remote control systems are installed to operate various boosters, reservoirs, and well sites. The manufacturer no longer services this equipment and it needs to be replaced to ensure efficient system operation.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	150.0	**150.0**	-	-	-	-	**150.0**	-	**150.0**
Future Water Revenue Bonds	-	-	-	**-**	152.0	153.0	155.0	159.0	**619.0**	2,875.0	**3,494.0**
Total	-	-	150.0	**150.0**	152.0	153.0	155.0	159.0	**769.0**	2,875.0	**3,644.0**

Tucson Water - Potable Process Control

($000)

SCADA Improvement

Project ID: W732

Start Date: 7/09

End Date: 6/11

Location: City and County

Description:
Tucson Water has numerous Supervisory Control and Data Acquisition (SCADA) field sites that contain obsolete equipment over 25 years old. The SCADA system allows utility system operators to remotely acquire data needed to assess the condition of pumps, boosters, basin levels, valve positions, and other key components throughout the water system.

Justification:
This project is necessary to develop and implement a long term comprehensive plan for upgrading field equipment, integrating new instrumentation, improving efficiencies in system communications and addressing safety and security issues.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	250.0	**250.0**	-	-	-	-	**250.0**	-	**250.0**
Future Water Revenue Bonds	-	-	-	**-**	758.0	-	-	-	**758.0**	-	**758.0**
Tucson Water Revenue and Operations Fund	500.0	-	-	**-**	-	-	-	-	**-**	-	**500.0**
Total	500.0	-	250.0	**250.0**	758.0	-	-	-	**1,008.0**	-	**1,508.0**

Tucson Water - Capitalized Expense

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Capitalized Expense											
Tucson Water Revenue and Operations Fund	-	-	5,500.0	**5,500.0**	6,565.0	6,630.0	6,695.0	6,890.0	**32,280.0**	37,375.0	69,655.0
	-	**-**	**5,500.0**	**5,500.0**	**6,565.0**	**6,630.0**	**6,695.0**	**6,890.0**	**32,280.0**	**37,375.0**	**69,655.0**
Program Area Total	**-**	**-**	**5,500.0**	**5,500.0**	**6,565.0**	**6,630.0**	**6,695.0**	**6,890.0**	**32,280.0**	**37,375.0**	**69,655.0**

Source of Funds Summary											
Tucson Water Revenue and Operations Fund	-	-	5,500.0	**5,500.0**	6,565.0	6,630.0	6,695.0	6,890.0	**32,280.0**	37,375.0	69,655.0
Program Area Total	**-**	**-**	**5,500.0**	**5,500.0**	**6,565.0**	**6,630.0**	**6,695.0**	**6,890.0**	**32,280.0**	**37,375.0**	**69,655.0**

Tucson Water - Capitalized Expense

($000)

Capitalized Expense

Project ID: W129
Start Date: Annual
End Date: Annual
Location: Citywide

Description:
Budget capacity for capitalizing Tucson Water's administrative overhead expenses that are associated with implementing capital projects but are not directly identifiable with specific projects. An indirect cost formula has been developed by the Finance Department and Tucson Water for the allocation of these indirect expenses.

Justification:
The capital portion of the utility's administrative overhead costs must be capitalized as a depreciable asset.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	5,500.0	**5,500.0**	6,565.0	6,630.0	6,695.0	6,890.0	**32,280.0**	37,375.0	**69,655.0**
Total	-	-	5,500.0	**5,500.0**	6,565.0	6,630.0	6,695.0	6,890.0	**32,280.0**	37,375.0	**69,655.0**

Tucson Water - Reclaimed Water System

Five-Year Capital Improvement Program

($000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Tucson Water - Reclaimed Source Development	1,270.5	450.0	500.0	**950.0**	859.0	1,479.0	6,705.0	-	**9,993.0**	-	**11,263.5**
Tucson Water - Reclaimed Pumping Plant	2,329.1	500.0	310.0	**810.0**	606.0	918.0	1,133.0	1,060.0	**4,527.0**	-	**6,856.1**
Tucson Water - Reclaimed Transmission	359.9	200.0	90.0	**290.0**	506.0	51.0	103.0	636.0	**1,586.0**	3,600.0	**5,545.9**
Tucson Water - Reclaimed Distribution	-	-	120.0	**120.0**	121.0	122.0	124.0	170.0	**657.0**	968.0	**1,625.0**
Tucson Water - Reclaimed New Services	-	-	50.0	**50.0**	51.0	51.0	52.0	53.0	**257.0**	303.0	**560.0**
Tucson Water - Reclaimed Process Control	-	-	100.0	**100.0**	101.0	102.0	155.0	265.0	**723.0**	-	**723.0**
Program Total	**3,959.5**	**1,150.0**	**1,170.0**	**2,320.0**	**2,244.0**	**2,723.0**	**8,272.0**	**2,184.0**	**17,743.0**	**4,871.0**	**26,573.5**

Source of Funds Summary											
1994 Water Revenue Bond Funds	0.8	-	-	**-**	-	-	-	-	**-**	-	0.8
2000 Water Revenue Bond Funds	986.5	-	-	**-**	-	-	-	-	**-**	-	986.5
2005 Water Revenue Bond Funds	2,094.7	-	-	**-**	-	-	-	-	**-**	-	2,094.7
2009 Water Revenue Obligation Fund	750.0	1,150.0	1,100.0	**2,250.0**	-	-	-	-	**2,250.0**	-	3,000.0
Future Water Revenue Bonds	-	-	-	**-**	2,173.0	2,584.0	8,078.0	1,306.0	**14,141.0**	605.0	14,746.0
Tucson Water Revenue and Operations Fund	111.6	-	70.0	**70.0**	71.0	139.0	194.0	878.0	**1,352.0**	4,266.0	5,729.6
Water Infrastructure Reserve Fund	15.9	-	-	**-**	-	-	-	-	**-**	-	15.9
Program Total	**3,959.5**	**1,150.0**	**1,170.0**	**2,320.0**	**2,244.0**	**2,723.0**	**8,272.0**	**2,184.0**	**17,743.0**	**4,871.0**	**26,573.5**

Tucson Water - Reclaimed Source Development

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Equip Reclaimed Well EW-008											
2009 Water Revenue Obligation Fund	50.0	450.0	-	**450.0**	-	-	-	-	**450.0**	-	500.0
	50.0	**450.0**	**-**	**450.0**	**-**	**-**	**-**	**-**	**450.0**	**-**	**500.0**
Equip Reclaimed Wells EW-009 & EW-010											
Future Water Revenue Bonds	-	-	-	**-**	51.0	969.0	-	-	**1,020.0**	-	1,020.0
	-	**-**	**-**	**-**	**51.0**	**969.0**	**-**	**-**	**1,020.0**	**-**	**1,020.0**
Reclaimed Extraction Well Drilling											
Future Water Revenue Bonds	-	-	-	**-**	808.0	-	-	-	**808.0**	-	808.0
	-	**-**	**-**	**-**	**808.0**	**-**	**-**	**-**	**808.0**	**-**	**808.0**
Reclaimed Storage and Recovery											
1994 Water Revenue Bond Funds	0.8	-	-	**-**	-	-	-	-	**-**	-	0.8
2000 Water Revenue Bond Funds	986.5	-	-	**-**	-	-	-	-	**-**	-	986.5
2005 Water Revenue Bond Funds	127.5	-	-	**-**	-	-	-	-	**-**	-	127.5
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	500.0
Future Water Revenue Bonds	-	-	-	**-**	-	510.0	6,705.0	-	**7,215.0**	-	7,215.0
Tucson Water Revenue and Operations Fund	105.7	-	-	**-**	-	-	-	-	**-**	-	105.7
	1,220.5	**-**	**500.0**	**500.0**	**-**	**510.0**	**6,705.0**	**-**	**7,715.0**	**-**	**8,935.5**
Program Area Total	**1,270.5**	**450.0**	**500.0**	**950.0**	**859.0**	**1,479.0**	**6,705.0**	**-**	**9,993.0**	**-**	**11,263.5**

Source of Funds Summary											
1994 Water Revenue Bond Funds	0.8	-	-	**-**	-	-	-	-	**-**	-	0.8
2000 Water Revenue Bond Funds	986.5	-	-	**-**	-	-	-	-	**-**	-	986.5
2005 Water Revenue Bond Funds	127.5	-	-	**-**	-	-	-	-	**-**	-	127.5
2009 Water Revenue Obligation Fund	50.0	450.0	500.0	**950.0**	-	-	-	-	**950.0**	-	1,000.0
Future Water Revenue Bonds	-	-	-	**-**	859.0	1,479.0	6,705.0	-	**9,043.0**	-	9,043.0
Tucson Water Revenue and Operations Fund	105.7	-	-	**-**	-	-	-	-	**-**	-	105.7
Program Area Total	**1,270.5**	**450.0**	**500.0**	**950.0**	**859.0**	**1,479.0**	**6,705.0**	**-**	**9,993.0**	**-**	**11,263.5**

Tucson Water - Reclaimed Source Development

($000)

Equip Reclaimed Well EW-008

Project ID: W669
Start Date: 7/08
End Date: 6/10
Location: City and County

Description:
Install pumping control equipment and discharge piping to Well EW-008.

Justification:
This project will recover recharged reclaimed water and increase the capacity of the reclaimed system to meet existing customer demand.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	50.0	450.0	-	**450.0**	-	-	-	-	**450.0**	-	**500.0**
Total	50.0	450.0	-	**450.0**	-	-	-	-	**450.0**	-	**500.0**

Equip Reclaimed Wells EW-009 & EW-010

Project ID: W700
Start Date: 7/10
End Date: 6/12
Location: City and County

Description:
Install pumping control equipment and discharge piping to two new wells.

Justification:
This project will recover recharged effluent water and increase the capacity of the reclaimed system to serve new customers.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Future Water Revenue Bonds	-	-	-	**-**	51.0	969.0	-	-	**1,020.0**	-	**1,020.0**
Total	-	-	-	**-**	51.0	969.0	-	-	**1,020.0**	-	**1,020.0**

Tucson Water - Reclaimed Source Development

($000)

Reclaimed Extraction Well Drilling

Project ID: W702
Start Date: 7/10
End Date: 6/11
Location: City and County

Description:
Drill two reclaimed extraction wells in FY 2011.

Justification:
The wells are necessary to recover water to meet projected demand.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010 Carry Forward	New Funding	Year 1 Total	Projected Requirements Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total	Future Years	Total Project
Future Water Revenue Bonds	-	-	-	**-**	808.0	-	-	-	**808.0**	-	**808.0**
Total	-	-	-	**-**	808.0	-	-	-	**808.0**	-	**808.0**

Reclaimed Storage and Recovery

Project ID: W289
Start Date: 7/01
End Date: 6/13
Location: Ward 1

Description:
Design and construct three off-channel recharge basins and two new recovery wells at the Sweetwater Recharge Facilities.

Justification:
The facility expansion will increase the effluent recharge and recovery capabilities of the Sweetwater Recharge Facilities from 10,000 acre-feet per year to 13,000 acre-feet per year.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2010 Carry Forward	New Funding	Year 1 Total	Projected Requirements Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014	Five Year Total	Future Years	Total Project
1994 Water Revenue Bond Funds	0.8	-	-	**-**	-	-	-	-	**-**	-	**0.8**
2000 Water Revenue Bond Funds	986.5	-	-	**-**	-	-	-	-	**-**	-	**986.5**
2005 Water Revenue Bond Funds	127.5	-	-	**-**	-	-	-	-	**-**	-	**127.5**
2009 Water Revenue Obligation Fund	-	-	500.0	**500.0**	-	-	-	-	**500.0**	-	**500.0**
Future Water Revenue Bonds	-	-	-	**-**	-	510.0	6,705.0	-	**7,215.0**	-	**7,215.0**
Tucson Water Revenue and Operations Fund	105.7	-	-	**-**	-	-	-	-	**-**	-	**105.7**
Total	1,220.5	-	500.0	**500.0**	-	510.0	6,705.0	-	**7,715.0**	-	**8,935.5**

Tucson Water - Reclaimed Pumping Plant

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Reclaimed Pumping Facility Modifications											
2005 Water Revenue Bond Funds	41.3	-	-	**-**	-	-	-	-	**-**	-	41.3
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	50.0
Future Water Revenue Bonds	-	-	-	**-**	303.0	-	-	-	**303.0**	-	303.0
	41.3	**-**	**50.0**	**50.0**	**303.0**	**-**	**-**	**-**	**353.0**	**-**	**394.3**
Regional Reclaimed Facility: Ina Road Pumping											
2005 Water Revenue Bond Funds	130.0	-	-	**-**	-	-	-	-	**-**	-	130.0
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	202.0	408.0	618.0	-	**1,228.0**	-	1,228.0
	130.0	**-**	**100.0**	**100.0**	**202.0**	**408.0**	**618.0**	**-**	**1,328.0**	**-**	**1,458.0**
Regional Reclaimed Facility: Roger Road Pumping											
2005 Water Revenue Bond Funds	50.0	-	-	**-**	-	-	-	-	**-**	-	50.0
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	101.0	510.0	515.0	1,060.0	**2,186.0**	-	2,186.0
	50.0	**-**	**100.0**	**100.0**	**101.0**	**510.0**	**515.0**	**1,060.0**	**2,286.0**	**-**	**2,336.0**

Tucson Water - Reclaimed Pumping Plant

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Roger Road Plant Booster Expansion											
2005 Water Revenue Bond Funds	1,601.9	-	-	**-**	-	-	-	-	**-**	-	1,601.9
2009 Water Revenue Obligation Fund	500.0	500.0	60.0	**560.0**	-	-	-	-	**560.0**	-	1,060.0
Tucson Water Revenue and Operations Fund	5.9	-	-	**-**	-	-	-	-	**-**	-	5.9
	2,107.8	**500.0**	**60.0**	**560.0**	**-**	**-**	**-**	**-**	**560.0**	**-**	**2,667.8**
Program Area Total	**2,329.1**	**500.0**	**310.0**	**810.0**	**606.0**	**918.0**	**1,133.0**	**1,060.0**	**4,527.0**	**-**	**6,856.1**
Source of Funds Summary											
2005 Water Revenue Bond Funds	1,823.2	-	-	**-**	-	-	-	-	**-**	-	1,823.2
2009 Water Revenue Obligation Fund	500.0	500.0	310.0	**810.0**	-	-	-	-	**810.0**	-	1,310.0
Future Water Revenue Bonds	-	-	-	**-**	606.0	918.0	1,133.0	1,060.0	**3,717.0**	-	3,717.0
Tucson Water Revenue and Operations Fund	5.9	-	-	**-**	-	-	-	-	**-**	-	5.9
Program Area Total	**2,329.1**	**500.0**	**310.0**	**810.0**	**606.0**	**918.0**	**1,133.0**	**1,060.0**	**4,527.0**	**-**	**6,856.1**

Tucson Water - Reclaimed Pumping Plant

($000)

Reclaimed Pumping Facility Modifications

Project ID: W454
Start Date: 7/08
End Date: 6/11
Location: City and County

Description:
Replace or modify pumps, motors, and associated equipment at reclaimed water boosters as the need occurs.

Justification:
These modifications are needed to ensure the system flows are monitored and logged to improve pump efficiency, dependability, and increase capacity.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	41.3	-	-	**-**	-	-	-	-	**-**	-	**41.3**
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	**50.0**
Future Water Revenue Bonds	-	-	-	**-**	303.0	-	-	-	**303.0**	-	**303.0**
Total	41.3	-	50.0	**50.0**	303.0	-	-	-	**353.0**	-	**394.3**

Regional Reclaimed Facility: Ina Road Pumping

Project ID: W707
Start Date: 7/08
End Date: 6/13
Location: City and County

Description:
Design and construct a wetwell (capture point for effluent water) at Pima County's Ina Road Wastewater Pollution Control Facility (WPCF). The wetwell will be sized to provide 40 million gallons-per-day.

Justification:
Pima County is scheduled to make changes to their Ina Road WPCF. Tucson Water will coordinate with the County to construct the wetwell in an effort to avoid disruptions in the waste water stream flow in the future. Tucson Water will eventually (Fiscal Year 2017) need to deliver reclaimed water from the Ina Road location to augment water obtained from the Roger Road Facility and ensure reclaimed customer needs are met.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	130.0	-	-	**-**	-	-	-	-	**-**	-	**130.0**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	202.0	408.0	618.0	-	**1,228.0**	-	**1,228.0**
Total	130.0	-	100.0	**100.0**	202.0	408.0	618.0	-	**1,328.0**	-	**1,458.0**

Tucson Water - Reclaimed Pumping Plant

($000)

Regional Reclaimed Facility: Roger Road Pumping

Project ID: W708
Start Date: 7/08
End Date: 6/14
Location: Ward 1

Description:
Design and construct a wetwell (capture point), effluent pumps, and piping at Pima County's Roger Road Wastewater Treatment Plant.

Justification:
The wetwell will be sized to provide a flow of 30 gallons-per-day.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	50.0	-	-	**-**	-	-	-	-	**-**	-	**50.0**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	101.0	510.0	515.0	1,060.0	**2,186.0**	-	**2,186.0**
Total	50.0	-	100.0	**100.0**	101.0	510.0	515.0	1,060.0	**2,286.0**	-	**2,336.0**

Roger Road Plant Booster Expansion

Project ID: W618
Start Date: 7/06
End Date: 6/10
Location: Ward 1

Description:
Design and construct a 4,200 gallons-per-minute booster station expansion to accommodate the additional reclaimed water to be produced at the Roger Road Facility.

Justification:
This expansion is needed to meet the anticipated demand for reclaimed water.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	1,601.9	-	-	**-**	-	-	-	-	**-**	-	**1,601.9**
2009 Water Revenue Obligation Fund	500.0	500.0	60.0	**560.0**	-	-	-	-	**560.0**	-	**1,060.0**
Tucson Water Revenue and Operations Fund	5.9	-	-	**-**	-	-	-	-	**-**	-	**5.9**
Total	2,107.8	500.0	60.0	**560.0**	-	-	-	-	**560.0**	-	**2,667.8**

Tucson Water - Reclaimed Transmission

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Reclaimed Emergency Main Enhancements											
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	50.0
Future Water Revenue Bonds	-	-	-	**-**	51.0	51.0	103.0	106.0	**311.0**	-	311.0
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	-	-	**-**	575.0	575.0
	-	**-**	**50.0**	**50.0**	**51.0**	**51.0**	**103.0**	**106.0**	**361.0**	**575.0**	**936.0**
Reclaimed Transmission Main Projects - General											
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	-	530.0	**530.0**	3,025.0	3,555.0
	-	**-**	**-**	**-**	**-**	**-**	**-**	**530.0**	**530.0**	**3,025.0**	**3,555.0**
Sweetwater Recharge Facility Pipeline, Ph. I											
2005 Water Revenue Bond Funds	144.0	-	-	**-**	-	-	-	-	**-**	-	144.0
2009 Water Revenue Obligation Fund	200.0	200.0	-	**200.0**	-	-	-	-	**200.0**	-	400.0
Water Infrastructure Reserve Fund	15.9	-	-	**-**	-	-	-	-	**-**	-	15.9
	359.9	**200.0**	**-**	**200.0**	**-**	**-**	**-**	**-**	**200.0**	**-**	**559.9**
Sweetwater Recharge Facility Pipeline, Ph. II											
2009 Water Revenue Obligation Fund	-	-	40.0	**40.0**	-	-	-	-	**40.0**	-	40.0
Future Water Revenue Bonds	-	-	-	**-**	455.0	-	-	-	**455.0**	-	455.0
	-	**-**	**40.0**	**40.0**	**455.0**	**-**	**-**	**-**	**495.0**	**-**	**495.0**
Program Area Total	**359.9**	**200.0**	**90.0**	**290.0**	**506.0**	**51.0**	**103.0**	**636.0**	**1,586.0**	**3,600.0**	**5,545.9**

Source of Funds Summary											
2005 Water Revenue Bond Funds	144.0	-	-	**-**	-	-	-	-	**-**	-	144.0
2009 Water Revenue Obligation Fund	200.0	200.0	90.0	**290.0**	-	-	-	-	**290.0**	-	490.0
Future Water Revenue Bonds	-	-	-	**-**	506.0	51.0	103.0	106.0	**766.0**	-	766.0
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	-	530.0	**530.0**	3,600.0	4,130.0
Water Infrastructure Reserve Fund	15.9	-	-	**-**	-	-	-	-	**-**	-	15.9
Program Area Total	**359.9**	**200.0**	**90.0**	**290.0**	**506.0**	**51.0**	**103.0**	**636.0**	**1,586.0**	**3,600.0**	**5,545.9**

Tucson Water - Reclaimed Transmission

($000)

Reclaimed Emergency Main Enhancements

Project ID: W513
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Install, upgrade, or replace mains by an outside contractor on an as-needed basis.

Justification:
Immediate response to requests for emergency main installations is required to reduce water loss, improve system reliability, and maintain water quality.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	50.0	**50.0**	-	-	-	-	**50.0**	-	**50.0**
Future Water Revenue Bonds	-	-	-	**-**	51.0	51.0	103.0	106.0	**311.0**	-	**311.0**
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	-	-	**-**	575.0	**575.0**
Total	-	-	50.0	**50.0**	51.0	51.0	103.0	106.0	**361.0**	575.0	**936.0**

Reclaimed Transmission Main Projects - General

Project ID: WN99
Start Date: 7/13
End Date: 6/18
Location: City and County

Description:
Budget capacity for reclaimed transmission main projects. The specific location of these projects will be determined in the year of implementation.

Justification:
This project will ensure that future reclaimed transmission needs are met.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	-	-	530.0	**530.0**	3,025.0	**3,555.0**
Total	-	-	-	**-**	-	-	-	530.0	**530.0**	3,025.0	**3,555.0**

Tucson Water - Reclaimed Transmission

($000)

Sweetwater Recharge Facility Pipeline, Ph. I

Project ID: W709
Start Date: 7/07
End Date: 6/10
Location: Ward 1

Description:
Construct and install approximately 2,100 feet of 36-inch reclaimed pipe and 300 feet of laterals. Design began in Fiscal Year 2008 with construction completion in Fiscal Year 2010.

Justification:
This reclaimed transmission main is needed to convey recovered reclaimed water from new reclaimed wells to the reclaimed reservoir.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2005 Water Revenue Bond Funds	144.0	-	-	**-**	-	-	-	-	**-**	-	**144.0**
2009 Water Revenue Obligation Fund	200.0	200.0	-	**200.0**	-	-	-	-	**200.0**	-	**400.0**
Water Infrastructure Reserve Fund	15.9	-	-	**-**	-	-	-	-	**-**	-	**15.9**
Total	359.9	200.0	-	**200.0**	-	-	-	-	**200.0**	-	**559.9**

Sweetwater Recharge Facility Pipeline, Ph. II

Project ID: W711
Start Date: 7/09
End Date: 6/11
Location: Ward 1

Description:
Design and install approximately 2,200 feet of 24-inch of reclaimed transmission main and 500 feet of reclaimed laterals. Design will begin in Fiscal Year 2010 with construction following in Fiscal Year 2011.

Justification:
This reclaimed transmission main will convey recovered reclaimed water from additional new wells to the reclaimed reservoir.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	40.0	**40.0**	-	-	-	-	**40.0**	-	**40.0**
Future Water Revenue Bonds	-	-	-	**-**	455.0	-	-	-	**455.0**	-	**455.0**
Total	-	-	40.0	**40.0**	455.0	-	-	-	**495.0**	-	**495.0**

Tucson Water - Reclaimed Distribution

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Developer-Financed Reclaimed Systems											
Tucson Water Revenue and Operations Fund	-	-	20.0	**20.0**	20.0	20.0	21.0	64.0	**145.0**	363.0	508.0
	-	**-**	**20.0**	**20.0**	**20.0**	**20.0**	**21.0**	**64.0**	**145.0**	**363.0**	**508.0**
System Enhancements: Reclaimed											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	101.0	102.0	103.0	106.0	**412.0**	605.0	1,017.0
	-	**-**	**100.0**	**100.0**	**101.0**	**102.0**	**103.0**	**106.0**	**512.0**	**605.0**	**1,117.0**
Program Area Total	**-**	**-**	**120.0**	**120.0**	**121.0**	**122.0**	**124.0**	**170.0**	**657.0**	**968.0**	**1,625.0**

Source of Funds Summary											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	101.0	102.0	103.0	106.0	**412.0**	605.0	1,017.0
Tucson Water Revenue and Operations Fund	-	-	20.0	**20.0**	20.0	20.0	21.0	64.0	**145.0**	363.0	508.0
Program Area Total	**-**	**-**	**120.0**	**120.0**	**121.0**	**122.0**	**124.0**	**170.0**	**657.0**	**968.0**	**1,625.0**

Tucson Water - Reclaimed Distribution

($000)

Developer-Financed Reclaimed Systems

Project ID: W130
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Review plans and inspect developer-constructed reclaimed water systems. These systems are donated to the city upon completion. Associated costs are recovered from developer fees.

Justification:
The review and inspection ensure compliance with Tucson Water's standards.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	20.0	**20.0**	20.0	20.0	21.0	64.0	**145.0**	363.0	**508.0**
Total	-	-	20.0	**20.0**	20.0	20.0	21.0	64.0	**145.0**	363.0	**508.0**

System Enhancements: Reclaimed

Project ID: W645
Start Date: Annual
End Date: Annual
Location: City and County

Description:
Design and construct reclaimed water mains during city, county, state, and other agency road improvement projects, including Regional Transportation Authority-funded projects. Intergovernmental agreements determine the City of Tucson cost allocated for each project.

Justification:
This project will increase system capacity while reducing the cost of pavement removal and replacement by coordinating construction with the roadway projects.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	101.0	102.0	103.0	106.0	**412.0**	605.0	**1,017.0**
Total	-	-	100.0	**100.0**	101.0	102.0	103.0	106.0	**512.0**	605.0	**1,117.0**

Tucson Water - Reclaimed New Services

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
New Metered Services											
Tucson Water Revenue and Operations Fund	-	-	50.0	**50.0**	51.0	51.0	52.0	53.0	**257.0**	303.0	560.0
	-	**-**	**50.0**	**50.0**	**51.0**	**51.0**	**52.0**	**53.0**	**257.0**	**303.0**	**560.0**
Program Area Total	**-**	**-**	**50.0**	**50.0**	**51.0**	**51.0**	**52.0**	**53.0**	**257.0**	**303.0**	**560.0**

Source of Funds Summary											
Tucson Water Revenue and Operations Fund	-	-	50.0	**50.0**	51.0	51.0	52.0	53.0	**257.0**	303.0	560.0
Program Area Total	**-**	**-**	**50.0**	**50.0**	**51.0**	**51.0**	**52.0**	**53.0**	**257.0**	**303.0**	**560.0**

Tucson Water - Reclaimed New Services

($000)

New Metered Services

Project ID: W131

Start Date: Annual
End Date: Annual

Location: City and County

Description:
Install new metered reclaimed water services upon customer request and payment of connection fees.

Justification:
This project allows for the installation of new metered reclaimed water services upon customer request.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
Tucson Water Revenue and Operations Fund	-	-	50.0	**50.0**	51.0	51.0	52.0	53.0	**257.0**	303.0	**560.0**
Total	-	-	50.0	**50.0**	51.0	51.0	52.0	53.0	**257.0**	303.0	**560.0**

Tucson Water - Reclaimed Process Control

Five-Year Capital Improvement Program

($000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2010			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2011	Year 3 FY 2012	Year 4 FY 2013	Year 5 FY 2014			
Control Panels: Reclaimed System											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	101.0	34.0	34.0	34.0	**203.0**	-	203.0
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	68.0	121.0	231.0	**420.0**	-	420.0
	-	**-**	**100.0**	**100.0**	**101.0**	**102.0**	**155.0**	**265.0**	**723.0**	**-**	**723.0**
Program Area Total	**-**	**-**	**100.0**	**100.0**	**101.0**	**102.0**	**155.0**	**265.0**	**723.0**	**-**	**723.0**

Source of Funds Summary											
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	100.0
Future Water Revenue Bonds	-	-	-	**-**	101.0	34.0	34.0	34.0	**203.0**	-	203.0
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	68.0	121.0	231.0	**420.0**	-	420.0
Program Area Total	**-**	**-**	**100.0**	**100.0**	**101.0**	**102.0**	**155.0**	**265.0**	**723.0**	**-**	**723.0**

Tucson Water - Reclaimed Process Control

($000)

Control Panels: Reclaimed System

Project ID: W959

Start Date: Annual
End Date: Annual

Location: City and County

Description:
Design and construct controls for reclaimed water facilities, and modify existing controls at booster stations, reservoirs, and storage facilities.

Justification:
These controls are needed to electronically monitor and transmit pressure, flow rates, and other site condition data to the reclaimed water treatment plant, where it is used to make operational decisions.

		Adopted Fiscal Year 2010			Projected Requirements						
Source of Funds:	**Prior Year(s)**	**Carry Forward**	**New Funding**	**Year 1 Total**	**Year 2 FY 2011**	**Year 3 FY 2012**	**Year 4 FY 2013**	**Year 5 FY 2014**	**Five Year Total**	**Future Years**	**Total Project**
2009 Water Revenue Obligation Fund	-	-	100.0	**100.0**	-	-	-	-	**100.0**	-	**100.0**
Future Water Revenue Bonds	-	-	-	**-**	101.0	34.0	34.0	34.0	**203.0**	-	**203.0**
Tucson Water Revenue and Operations Fund	-	-	-	**-**	-	68.0	121.0	231.0	**420.0**	-	**420.0**
Total	-	-	100.0	**100.0**	101.0	102.0	155.0	265.0	**723.0**	-	**723.0**

Approved Five-Year Capital Improvement Program
Fiscal Years 2010 through 2014

Section C
Impact Fee Project Plan

IMPACT FEE PROJECTS PLAN

The impact fee ordinance requires an Impact Fee Projects Plan (IFPP) that lists the projects that are eligible for the use of impact fees. As required, the city's IFPP was established following a public hearing in March 2007. The ordinance further requires that the IFPP be included in the city's capital improvement program (CIP) and reviewed annually. This section of the CIP is presented to comply with that requirement.

Available Revenue for Projects

It is the city's budgeting practice to budget in Year 1 of the CIP only the impact fee revenue collected through December of the current fiscal year, and only for those projects with potential funding in the following years to complete construction. Potential funding in the following years may come from impact fees, grants, bonds, or other revenues that are reasonably assured to be available.

Eligible Projects

In March 2007, following a public hearing, the Mayor and Council approved the arterial roadway and regional park projects listed on the following pages. These project listings are the ordinance-required Impact Fee Projects Plan (IFPP). Projects programmed in this CIP are noted. For more detail on the projects, see the department CIPs in Section B.

In August 2007, Mayor and Council adopted the ordinance for impact fees for Police, Fire, and Public Facilities. The collection of impact fees for residential development started on January 16, 2008. Collection of impact fees for non-residential development started on January 16, 2009. Capacity for these revenues are not yet included in this approved CIP or the IFPP. A public hearing for the eligible projects must be held prior to their inclusion in the IFPP.

NOTE: This Impact Fee Project Plan (IFPP) does not include projects funded with Tucson Water's impact fee, because they are governed by separate ordinances.

Roads Impact Fee Projects Plan

District/Project	Projected Allocations ($000s)	Budgeted Allocations ($000s)	Status
West:			
Goret/Silverbell	800.0	700.0	Completed
Anklam: Player's Club to Greasewood	500.0	600.0	Completed
Irvington & Campbell Intersection	800.0	800.0	Completed
Irvington & Park Intersection	1,600.0		
Ajo & Park Intersection	775.0		
Irvington & 12th Intersection	1,600.0		
El Camino del Cerro Reconstruction	2,500.0	2,500.0	Programmed
Speedway: Silverbell to Greasewood	2,500.0		
Irvington & I-19 East Interchange	1,500.0		
Drexel: I-19 to Midvale (design)	800.0		
	13,375.0	4,600.0	
East:			
Camino Seco: Speedway to Wrightstown	5,500.0	5,500.0	Programmed
Speedway: Camino Seco to Houghton	3,000.0	3,000.0	Programmed
Tanque Verde/Dos Hombres	250.0	250.0	Programmed
Speedway & Swan Intersection	1,500.0		
Pantano: Golf Links to Research Park	2,000.0		
Broadway & Wilmot Intersection (design)	1,100.0		
Grant & Wilmot Intersection	800.0		
Ft. Lowell: Alvernon to Swan (design)	1,100.0		
Harrison/Wrightstown Curve	500.0	500.0	Programmed
	15,750.0	9,250.0	
Central:			
22nd Street: I-10 to Tucson Boulevard	3,000.0	3,000.0	Programmed
Ft. Lowell & Campbell Intersection	150.0	150.0	Programmed
Grant Road Corridor	6,000.0		
	9,150.0	3,150.0	
Southeast:			
Mary Ann Cleveland Way	3,500.0	3,500.0	Completed
Golf Links & Kolb Intersection	2,000.0	500.5	Programmed
Harrison Bridget at Pantano Wash	2,000.0		
Irvington: Kolb to Houghton	13,000.0		
Valencia: Kolb to Houghton	1,000.0		
Houghton: Golf Links to I-10	1,000.0		
	22,500.0	4,000.5	
Southlands:			
Wilmot Extension	6,000.0		
Five-Year Total	**66,775.0**	**21,000.5**	

Parks Impact Fee Projects Plan

District/Project	Projected Allocations ($000s)	Budgeted Allocations ($000s)	Status
West:			
Christopher Columbus Park Expansion	550.0	550.0	Completed
Cherry Avenue Center Expansion	1,000.0	226.2	Programmed
Desert Vista School Park Expansion	500.0		
El Pueblo Center Expansion	1,300.0	200.0	Programmed
Juhan Park Expansion	492.3	390.0	Programmed
Rodeo Grounds Sports Field (design)	200.0		
Sentinel Peak Park	200.0		
Sunnyside School District Partnerships	378.0		
	4,620.3	1,366.2	
East:			
Arcadia Park	500.0	500.0	Programmed
Jesse Owens Park Expansion	300.0		
Pantano River Park Expansion	300.0		
South Central Community Park	1,000.0	395.5	Programmed
Udall Park Expansion	2,078.0		
	4,178.0	895.5	
Central:			
Arroyo Chico Urban Pathway	558.5	389.8	Programmed
Jacobs Park & Center Expansion	200.0		
Mansfield Park & Center Expansion	150.0		
Northside Community Park	350.0		
Ormsby Park Expansion	100.0	100.0	Programmed
Quincie Douglas & Silverlake Park Expan.	150.0		
Reid Park & Centers Expansions	384.5	384.5	Programmed
Silverlake Park Soccer Field Lighting	100.0	100.0	Completed
Sonoran Desert Natural Resources Park	100.0		
	2,093.0	974.3	
Southeast:			
Clements Senior Center Completion	2,500.0		
Lincoln Park Expansion	1,056.0	242.9	Completed
Purple Heart Park Expansion	800.0	800.0	Programmed
Southeast Regional Park Expansion	3,000.0		
South Central Community Park	1,000.0	250.0	Programmed
	8,356.0	1,292.9	
Southlands:			
Southlands Master Plan	250.0		
Valencia & Alvernon Community Park	300.0	300.0	Programmed
Valencia Corridor Facilities Plan	250.0	250.0	Programmed
Valencia Corridor Land Acquisition	1,289.0	866.5	Programmed
	2,089.0	1,416.5	
Five-Year Total	**21,336.3**	**5,945.4**	

Approved changes to the Impact Fee Projects Plan by Mayor and Council

District/Project	Requested Change	Projected Allocations ($000s)
ROADS		
West:		
El Camino del Cerro Reconstruction	Increase project allocation	1,000.0
East:		
Speedway: Camino Seco to Houghton	New project	3,000.0
Central:		
Country Club: Ft. Lowell to Prince	Deleting project	-5,000.0
22nd Street: I-10 to Tucson Boulevard	New project	3,000.0
Ft. Lowell & Campbell Intersection	New project	150.0
Grant Road Corridor	New project	6,000.0
PARKS		
West:		
Sentinel Peak Park	New project	200.0

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