



City of Tucson



Approved Five-Year Capital Improvement Program Fiscal Years 2008 through 2012

Volume II



CITY OF TUCSON

Approved Five-Year Capital Improvement Program Fiscal Years 2008 through 2012

Presented July 1, 2007

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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.



City of Tucson



Section A Overview

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



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 Sources
- Department Programs
- Impact on the Operating Budget

BUDGET HIGHLIGHTS

This approved CIP totals \$962.7 million. 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.

• **City projects from the approved Regional Transportation Authority plan are included in this CIP.** Voters approved this plan on May 16, 2006. This CIP includes \$126.8 million for specific projects from the plan and unallocated capacity for future project allocations.

• **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 \$20.4 million for projects from the IFPP and capacity for future allocations. See Section C for more details.

- **Future revenue bond authorizations will be needed.** This CIP reflects the need for future revenue bond authorizations. Environmental Services' CIP calls for \$17.8 million in future revenue bonds for projects beginning in Fiscal Year 2009. Tucson Water's CIP includes \$72.6 million in future revenue bonds for projects beginning in Fiscal Year 2010.

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 (Back to Basics projects, 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 the CIP process begins with the Department of Budget and Research meeting with CIP department liaisons to review guidelines for the upcoming CIP. Departments are 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 are directed to include only projects with secured funding. Exceptions are made for annual federal grant appropriations from the Federal Transit Administration, 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 are reviewed by the Department of Budget and Research and the City Manager's executive management team.

The proposed CIP was presented to the Mayor and Council in May along with the recommended update to the biennial budget. The Council reviewed both operating and capital budgets at study session meeting(s) in May. Two public hearings were held prior to the adoption of the Fiscal Year 2008 update budget in June. The first year of the CIP is included as part of the city's adopted budget.

SUMMARY OF EXPENDITURES AND FUNDING

Expenditures

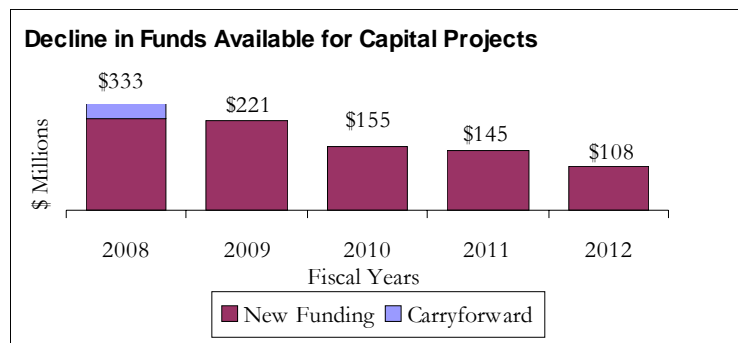
The approved five-year CIP for Fiscal Years 2008 through 2012 totals \$962.7 million. The majority of the projects are in Environment and Development, which includes Development Services, Environmental Services, Transportation, and Tucson Water.

Five-Year CIP Summary of Expenditures

(in \$000)	Adopted Year 1 FY 2008	Approved Five-Year Program
Neighborhood Services	\$ 77,934.7	\$ 194,322.9
Environment and Development	247,739.8	747,163.5
Support Services	4,000.0	17,002.8
Non-Departmental	<u>3,200.1</u>	<u>4,200.1</u>
Total	\$ 332,874.6	\$ 962,689.3

This five-year CIP is \$103.1 million more than the \$859.6 million approved five-year CIP for Fiscal Years 2007 through 2011. The increase is primarily due to four reasons. Carry-forward from prior years increased by \$26.6 million. The enterprise funds category increased by \$32.8 million, primarily in support of advancing Central Arizona Project (CAP) water recharge projects. The programming of Impact Fee revenues added another \$20.4 million. Programming for road projects increased by \$20.6 million.

CIP expenditures decline significantly after Fiscal Year 2008 from \$332.9 million to \$108.5 million by Fiscal Year 2012.



This funding decline is due to several factors. Fiscal Year 2008 includes \$108.8 million carried forward for projects not completed as planned during Fiscal Year 2007. On top of that is \$224.1 million in new funding. The CIP presumes that all of the Fiscal Year 2008 budget will be spent in that year. The decline in new funding over the following four years is primarily due to the spending down of the city and county bond authorizations, and a reduction in the use of certificates of participation.

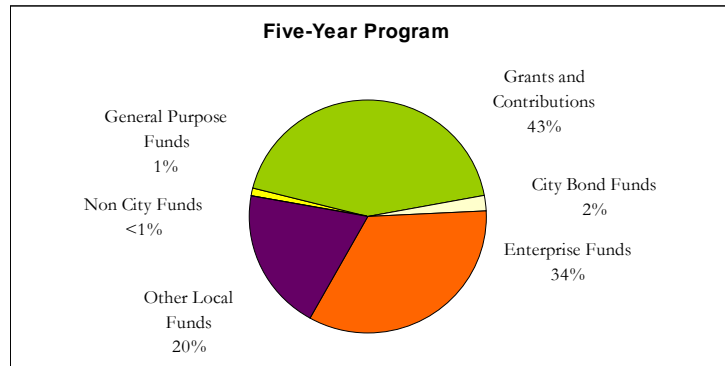
For a summary of expenditures by department and fiscal year, see Table I. Five Year Capital Improvement Program Summary by Department on page A-9.

Funding Sources

This five-year program of \$962.7 million is funded primarily from Grants and Contributions, which are predominately Transportation's Regional Transportation Authority Funds, and from Enterprise Funds, which are mostly Tucson Water revenues and bond funds.

Five-Year CIP Summary of Funding Sources

(in \$000)	Adopted Year 1 FY 2008	Projected Five-Year Program
General Purpose Funds	\$ 4,656.3	\$ 10,013.9
Grants and Contributions	137,558.2	418,950.3
City Bond Funds	15,368.4	20,194.7
Enterprise Funds	76,022.9	322,903.0
Other Local Funds	99,158.8	190,517.4
Non-City Funds	<u>110.0</u>	<u>110.0</u>
Total	\$ 332,874.6	\$ 962,689.3



General Purpose Funds. This category, which includes the General Fund, totals \$10.0 million, only 1% of the five-year CIP. General Fund contributions to the Mass Transit Fund account for \$9.6 million of that total. The remaining \$0.4 million is for funds carried forward for the Back to Basics Program.

Grants and Contributions. This category totals \$418.9 million or 43% of the five-year CIP. Included in this category are federal grants, funding for the Regional Transportation Authority (RTA) plan, the city's Highway User Revenue Funds (HURF), regional HURF distributed by the Pima Association of Governments (PAG), and other agency and private sector contributions.

Federal grants of \$135.1 million account for the largest portion of this category. Next are RTA funds of \$126.8 million. Pima County bonds will provide \$74.8 million. State-shared HURF provides another \$64.1 million: \$29.6 million from the city's HURF allocation and \$34.5 million from regional HURF distributed by PAG. The remaining \$18.1 million comes from a variety of sources, including the State of Arizona, Pima County, local

school districts, and developers. [For a listing of projects receiving Pima County funds, see Table IV. Five-Year Capital Improvement Program Projects with Pima County Funding on page A-13.]

City Bond Funds. City bond funds, 2% of the five-year CIP, will provide \$20.2 million over the next five years: \$16.4 million from authorized General Obligation Bonds, \$3.7 million in a future bond authorization, and \$0.06 million from authorized Street and Highway Revenue Bonds.

The 2000 Street and Highway Revenue Bond authorization will be exhausted by the end of Fiscal Year 2008. At this time, the city does not have sufficient HURF revenues to pursue a new street and highway revenue bond authorization. Future impact fee revenue and Regional Transportation Authority funds may provide substitute funding sources.

Spending against the 2000 General Obligation Bond authorization will continue through Fiscal Year 2010. However, by the end of Fiscal Year 2008, the authorization will be 99% complete. Park's Africa Expansion - Elephant Exhibit project will require a new city or county bond authorization.

Enterprise Funds. Enterprise Funds total \$322.9 million or 34% of the five-year CIP. Environmental Services accounts for only \$31.5 million. Tucson Water accounts for the remaining \$291.4 million: \$125.2 million from user revenues and reserve funds, \$93 million from the 2005 water revenue bonds, \$72.6 million from a future water revenue bond authorization, and \$0.6 million from a state grant.

Other Local Funds. This category, which provides 20% of the five-year CIP, totals \$190.5 million. These funds come primarily from certificates of participation sold to finance the expansion of Police Headquarters, the new Fire Headquarters and Police Evidence Facility, the replacement of the Voice and Data Network, and the Depot Plaza Garage. Capacity of \$20.4 million was added for impact fees which is distributed between the five benefit areas for road and regional park improvements.

Non-City Funds. The Non-City Funds category contains private donations and contributions made to the Parks and Recreation Department. It totals \$0.1 million, which is less than 1% of the five-year CIP.

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, Support Services, and Non-Departmental.

Neighborhood Services

The Neighborhood Services category, which accounts for 20% of the total five-year CIP, contains projects managed by Community Services, Fire, Neighborhood Resources, Parks and Recreation, and Police.

Community Services. This department's five-year program of \$4.1 million consists of three projects: completion of the Fry Apartments rehabilitation project, construction of public housing resident amenities at a new Martin Luther King, Jr. apartment building, and construction of rental units in the Mercado, a new mixed-use community. Funding is provided by federal HOPE VI funds, other federal grants, and Pima County bonds.

Fire. Fire's five-year program of \$39.9 million contains nine projects: three new multi-company fire stations, a new central Headquarters and fire station in the downtown area, plan and design infrastructure improvements and additions at the Public Safety Training Academy, land acquisition for future fire stations, remodeling of fire stations, improvement to support facilities, and the replacement of mobile data terminals. Certificates of participation, general obligation bonds, and General Fund reserves will fund these projects.

Neighborhood Resources. This department's five-year CIP of \$18.5 million is for the Back to Basics Program. There is \$4.6 million carried forward in Fiscal Year 2008 for the completion of prior year projects and for unallocated funds. New funding of \$2.7 million will provide \$397,200 annually for each ward and the Mayor's Office.

Parks and Recreation. Park's five-year CIP of \$58.3 million contains 42 projects. These projects are funded primarily from city bonds of \$4.9 million and county bonds of \$35.7 million. Either a new city or county bond authorization is needed for \$3.7 million. Funding from certificates of participation is \$6.6 million, and revenue from impact fees provides \$6.8 million. Federal grants, non-federal grants, and contributions provide for the remaining \$0.6 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 \$73.4 million is for five projects: renovation of Patrol Division East, construction of a new Evidence Facility, expansion of Police Headquarters, acquisition of operational support equipment for the addition of a sixth field division, and completion of a new substation that replaces the Rillito Substation. These projects are funded with certificates of participation.

Environment and Development

The Environment and Development category, which accounts for 78% of the total five-year CIP, contains projects managed by Development Services, Environmental Services, Transportation, and Tucson Water.

Development Services. Development Services has one project in its five-year program: Computerized Permitting System Upgrade for \$0.8 million. The project is funded from the Development Services fees reserved for service improvements.

Environmental Services. The department's five-year program of 28 projects totals \$35.1 million. The Environmental Services CIP is funded from city general obligation bonds of \$3.7 million, \$13.5 million from certificates of participation, \$0.1 million from Environmental Service revenues, and \$17.8 million from a future revenue bond authorization. Projects to be funded with these future bond authorizations do not begin until Fiscal Year 2009.

Transportation. The five-year Transportation program of \$419.8 million includes six program areas: Drainage for \$15.9 million, Parking Garages for \$10.3 million, Public Transit for \$100.4 million, Street Lighting for \$2.1 million, Streets for \$283.2 million, and Traffic Signals for \$7.9 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 \$126.8 million. Federal funding provides another significant portion totaling \$124.2 million: \$64.2 million for transit projects and \$60 million for street projects. Other major funding sources are Pima County bond funds of \$37.8 million, city bond funds of \$5.7 million, regional Highway User Revenue Funds (HURF) of \$34.5 million, city HURF of \$19.5 million, impact fee revenues of \$13.7 million, and certificates of participation of \$29.8 million. Non-Federal grants and other contributions provide \$18.2 million. The remaining \$9.6 million is from the General Fund, which is used as the local match for federal transit grants.

Tucson Water. The five-year Tucson Water CIP of \$291.4 million includes \$280.9 million of improvements to the potable water system and \$10.5 million of improvements for the reclaimed water system. The CIP was revised to push forward projects for the recharge and recovery of CAP water. Tucson Water's CIP is funded with operations and reserve funds of \$125.2 million, 2005 revenue bonds of \$93 million, \$72.6 million from a future water revenue bond authorization, and \$0.6 million from a state grant. Projects to be funded with these future bond authorization do not begin until Fiscal Year 2010.

Support Services

The Support Services category, which accounts for 2% of the total five-year CIP, contains a capital project managed by Information Technology.

Information Technology. There is one project in the department's five-year CIP of \$17 million: Voice and Data Network and Component Upgrade project, which will provide for computer-aided dispatch for Fire, a radio dispatch center security system, and radio communications for non-public safety departments. This project is funded with certificates of participation.

Non-Departmental

The Non-Departmental category, which accounts for less than 1% of the total five-year CIP, contains projects that are beyond the scope of a single department.

General Expense. General Expense has two projects in its five-year program: Human Resources Management System project and the Tax Revenue Management System project. These projects are funded by General Fund reserves for \$4.2 million.

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 \$6.5 million for Fiscal Year 2008, increasing to \$11.9 million for Fiscal Year 2009, and to \$20.9 million by Fiscal Year 2012.

Operating and Maintenance Impacts

(in \$000)	FY 2008	
	Amount	FTEs
General Purpose Funds	\$ 3,751.9	36
Restricted Funds	<u>2,715.8</u>	<u>5</u>
Total	\$ 6,467.7	41

The O&M impacts in Fiscal Year 2008 are for the staffing and opening of new or expanded facilities, primarily Fire Station 22. The operating costs for the South Avra Valley Storage and Recovery Project is also a significant component of the total O&M impact, particularly in future years.

The General Fund pays for most of the operating and maintenance impacts (58% in Fiscal Year 2008) through the Financial Sustainability Plan. The balance is funded from utility revenues, the city's Highway User Revenue Fund (HURF), and ParkWise revenues.

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 Operating Cost Impact Summary (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 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Neighborhood Services											
Community Services	151.0	-	1,567.5	1,567.5	2,520.0	-	-	-	4,087.5	-	4,238.5
Fire	17,395.3	6,255.0	12,450.3	18,705.3	21,239.7	-	-	-	39,945.0	-	57,340.3
Neighborhood Resources	-	4,650.0	2,780.4	7,430.4	2,780.4	2,780.4	2,780.4	2,780.4	18,552.0	-	18,552.0
Parks and Recreation	11,874.1	11,320.5	12,308.2	23,628.7	28,047.6	3,659.3	1,500.0	1,500.0	58,335.6	-	70,209.7
Police	20,016.8	9,748.6	16,854.2	26,602.8	14,800.0	27,000.0	5,000.0	-	73,402.8	-	93,419.6
	49,437.2	31,974.1	45,960.6	77,934.7	69,387.7	33,439.7	9,280.4	4,280.4	194,322.9	-	243,760.1
Environment and Development											
Development Services	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0
Environmental Services	23,165.9	123.0	12,116.0	12,239.0	11,760.0	6,425.1	4,465.0	235.0	35,124.1	-	58,290.0
Transportation	61,553.8	61,299.1	106,537.8	167,836.9	75,807.2	58,898.8	74,419.9	42,825.8	419,788.6	108,209.0	589,551.4
Tucson Water	40,903.5	10,251.9	57,197.0	67,448.9	59,207.0	53,004.0	53,872.0	57,912.0	291,443.9	303,208.0	635,555.4
	125,816.3	71,789.0	175,950.8	247,739.8	146,974.2	118,527.9	132,948.8	100,972.8	747,163.5	411,417.0	1,284,396.8
Support Services											
Information Technology	14,362.8	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	31,365.6
	14,362.8	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	31,365.6
Non-Departmental											
Non-Departmental: General Expense	700.0	1,050.0	2,150.1	3,200.1	1,000.0	-	-	-	4,200.1	-	4,900.1
	700.0	1,050.0	2,150.1	3,200.1	1,000.0	-	-	-	4,200.1	-	4,900.1
Total	190,316.3	108,813.1	224,061.5	332,874.6	220,612.6	155,218.3	145,479.9	108,503.9	962,689.3	411,417.0	1,564,422.6

Table II
Five-Year Capital Improvement Program
Summary by Funding Source
(\$000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
General Purpose Funds											
General Fund	3,747.9	450.0	-	450.0	-	-	-	-	450.0	-	4,197.9
Mass Transit Fund: General Fund Transfer	126.0	2,874.0	1,332.3	4,206.3	1,335.4	1,338.6	1,341.8	1,341.8	9,563.9	-	9,689.9
	3,873.9	3,324.0	1,332.3	4,656.3	1,335.4	1,338.6	1,341.8	1,341.8	10,013.9	-	13,887.8
Grants and Contributions											
Capital Agreement Fund	3,566.3	-	150.5	150.5	-	-	-	-	150.5	-	3,716.8
Capital Agreement Fund: PAG	18,027.0	14,436.0	6,879.0	21,315.0	4,000.0	5,200.0	4,000.0	-	34,515.0	-	52,542.0
Capital Agreement Fund: Pima County Bonds	5,755.1	8,087.8	10,638.8	18,726.6	28,349.5	8,083.0	16,350.1	3,285.1	74,794.3	-	80,549.4
Capital Agreement Fund: Pima County Contribution	967.0	2,233.0	6,400.0	8,633.0	2,200.0	-	-	-	10,833.0	-	11,800.0
Community Development Block Grant Fund	68.0	2,600.0	1,140.4	3,740.4	1,160.4	1,080.4	1,080.4	1,080.4	8,142.0	-	8,210.0
Federal Highway Administration Grants	12,984.0	7,664.1	13,261.9	20,926.0	7,190.0	8,867.0	4,020.0	5,000.0	46,003.0	-	58,987.0
H.O.M.E. Grants	13.0	-	778.0	778.0	-	-	-	-	778.0	-	791.0
HOPE VI - Martin Luther King Revitalization	-	-	183.4	183.4	1,118.8	-	-	-	1,302.2	-	1,302.2
Highway User Revenue Fund	4,648.2	2,987.1	2,958.4	5,945.5	2,706.4	5,793.9	11,706.4	3,421.4	29,573.6	-	34,221.8
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	639.2	182.0	1,200.0	1,382.0	1,200.0	1,200.0	1,000.0	1,000.0	5,782.0	-	6,421.2
Mass Transit Fund: Federal Grants	3,589.2	19,861.1	10,779.8	30,640.9	11,605.4	8,499.3	6,636.6	6,777.5	64,159.7	-	67,748.9
Miscellaneous Non-Federal Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Public Housing Capital Fund	-	-	87.9	87.9	620.1	-	-	-	708.0	-	708.0
Regional Transportation Authority Fund	1,649.0	1,949.0	17,495.0	19,444.0	25,000.0	25,000.0	32,365.0	25,000.0	126,809.0	108,209.0	236,667.0
State Infrastructure Bank Federal Pass-Through	-	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	14,000.0
	52,266.2	60,000.1	77,558.1	137,558.2	94,345.6	63,923.6	77,358.5	45,764.4	418,950.3	108,209.0	579,425.5
City Bond Funds											
2000 General Obligation Bond Funds	38,511.7	8,143.6	6,211.6	14,355.2	1,000.0	76.3	-	-	15,431.5	-	53,943.2
2000 General Obligation Bond Funds - Interest	330.0	950.0	-	950.0	-	-	-	-	950.0	-	1,280.0
2000 Street and Highway Revenue Bond Funds	1,740.1	63.2	-	63.2	-	-	-	-	63.2	-	1,803.3
Future General Obligation Bond Authorization	-	-	-	-	3,750.0	-	-	-	3,750.0	-	3,750.0
	55,638.9	9,156.8	6,211.6	15,368.4	4,750.0	76.3	-	-	20,194.7	-	75,833.6

Table II
Five-Year Capital Improvement Program
Summary by Funding Source
(\$000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Enterprise Funds											
2005 Water Revenue Bond Funds	19,117.8	10,251.9	35,328.0	45,579.9	29,531.0	17,928.0	-	-	93,038.9	-	112,156.7
Central Arizona Project Reserve Fund	10.0	-	20.0	20.0	20.0	20.0	20.0	20.0	100.0	-	110.0
Environmental Services Fund	116.0	-	150.0	150.0	-	-	-	-	150.0	-	266.0
Environmental Services Fund: COPs	310.0	123.0	8,301.0	8,424.0	4,573.0	490.0	-	-	13,487.0	-	13,797.0
Future Environmental Services Revenue Bonds	-	-	-	-	7,187.0	5,935.1	4,465.0	235.0	17,822.1	-	17,822.1
Future Water Revenue Bonds	-	-	-	-	-	17,204.0	27,925.0	27,484.0	72,613.0	143,228.0	215,841.0
Tucson Water Fund: State Grants	100.0	-	623.0	623.0	-	-	-	-	623.0	-	723.0
Tucson Water Revenue and Operations Fund	10,520.7	-	21,226.0	21,226.0	19,656.0	17,852.0	25,927.0	30,408.0	115,069.0	159,980.0	285,569.7
Water Infrastructure Reserve Fund	-	-	-	-	10,000.0	-	-	-	10,000.0	-	10,000.0
	45,520.4	10,374.9	65,648.0	76,022.9	70,967.0	59,429.1	58,337.0	58,147.0	322,903.0	303,208.0	671,631.4
Other Local Funds											
General Fund: Certificates of Participation	25,381.8	23,638.3	45,304.5	68,942.8	43,040.4	30,250.7	8,250.7	3,250.7	153,735.3	-	179,117.1
General Fund: Earned Revenue	-	-	0.3	0.3	16.3	-	-	-	16.6	-	16.6
General Fund: Restricted	1,393.1	2,165.0	2,250.1	4,415.1	1,200.0	200.0	191.9	-	6,007.0	-	7,400.1
Parkwise: Certificates of Participation	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0
Parkwise: Fees and Charges	412.8	139.0	226.9	365.9	163.8	-	-	-	529.7	-	942.5
Road & Park Impact Fee Fund: Central District	-	-	3,311.1	3,311.1	344.7	-	-	-	3,655.8	-	3,655.8
Road & Park Impact Fee Fund: East District	-	-	2,527.5	2,527.5	1,730.7	-	-	-	4,258.2	-	4,258.2
Road & Park Impact Fee Fund: Southeast District	-	-	2,581.7	2,581.7	953.7	-	-	-	3,535.4	-	3,535.4
Road & Park Impact Fee Fund: Southlands District	-	-	4,003.9	4,003.9	565.0	-	-	-	4,568.9	-	4,568.9
Road & Park Impact Fee Fund: West District	600.0	-	3,210.5	3,210.5	1,200.0	-	-	-	4,410.5	-	5,010.5
	32,784.9	25,942.3	73,216.5	99,158.8	49,214.6	30,450.7	8,442.6	3,250.7	190,517.4	-	223,302.3
Non-City Funds											
Civic Contributions Fund	232.0	15.0	95.0	110.0	-	-	-	-	110.0	-	342.0
	232.0	15.0	95.0	110.0	-	-	-	-	110.0	-	342.0
Total	190,316.3	108,813.1	224,061.5	332,874.6	220,612.6	155,218.3	145,479.9	108,503.9	962,689.3	411,417.0	1,564,422.6

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

Service Area/Department	Year 1 FY 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
Neighborhood Services						
Fire	3,316.4	3,411.3	3,711.0	3,913.5	4,128.8	18,481.0
Parks and Recreation	138.5	832.4	1,854.1	2,495.6	2,285.7	7,606.3
Police	220.0	220.0	220.0	370.0	540.0	1,570.0
	3,674.9	4,463.7	5,785.1	6,779.1	6,954.5	27,657.2
Environment and Development						
Development Services	15.0	15.0	20.0	20.0	20.0	90.0
Environmental Services	1,059.0	1,232.0	1,232.0	1,252.0	1,252.0	6,027.0
Transportation	331.6	680.2	780.8	1,111.4	1,776.2	4,680.2
Tucson Water	1,387.2	5,501.8	6,899.8	9,061.0	10,891.0	33,740.7
	2,792.8	7,429.0	8,932.6	11,444.4	13,939.2	44,537.9
Total	6,467.7	11,892.7	14,717.6	18,223.4	20,893.6	72,195.1
Source of Funds Summary						
General Purpose Funds						
General Fund	3,674.9	4,463.7	5,785.1	6,779.1	6,954.5	27,657.2
General Fund: Fees and Charges	15.0	15.0	20.0	20.0	20.0	90.0
Mass Transit Fund: General Fund Transfer	62.0	64.0	66.0	70.0	-	262.0
	3,751.9	4,542.7	5,871.1	6,869.1	6,974.5	28,009.2
Grants and Contributions						
Highway User Revenue Fund	269.6	400.2	498.8	825.4	920.5	2,914.5
Regional Transportation Authority Fund	-	-	-	-	639.7	639.7
	269.6	400.2	498.8	825.4	1,560.2	3,554.2
Enterprise Funds						
Environmental Services Fund	1,059.0	1,232.0	1,232.0	1,252.0	1,252.0	6,027.0
Tucson Water Revenue and Operations Fund	1,387.2	5,501.8	6,899.8	9,061.0	10,891.0	33,740.7
	2,446.2	6,733.8	8,131.8	10,313.0	12,143.0	39,767.7
Other Local Funds						
Parkwise: Fees and Charges	-	216.0	216.0	216.0	216.0	864.0
	-	216.0	216.0	216.0	216.0	864.0
Total	6,467.7	11,892.7	14,717.6	18,223.4	20,893.6	72,195.1

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

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Community Services											
Martin Luther King Public Housing Amenities											
Capital Agreement Fund: Pima County Bonds	70.0	-	517.9	517.9	684.8	-	-	-	1,202.7	-	1,272.7
Parks and Recreation											
Arroyo Chico Wash Improvements											
Capital Agreement Fund: Pima County Bonds	-	-	75.0	75.0	510.0	390.0	-	-	975.0	-	975.0
Atturbury Wash Sanctuary Expansion											
Capital Agreement Fund: Pima County Bonds	250.0	320.0	-	320.0	600.0	-	-	-	920.0	-	1,170.0
Grijalva School Park											
Capital Agreement Fund: Pima County Bonds	-	-	146.3	146.3	-	-	-	-	146.3	-	146.3
Houghton Greenway											
Capital Agreement Fund: Pima County Bonds	7.3	346.8	1,010.9	1,357.7	-	-	-	-	1,357.7	-	1,365.0
Julian Wash Linear Park											
Capital Agreement Fund: Pima County Bonds	360.0	450.0	-	450.0	2,700.5	97.0	-	-	3,247.5	-	3,607.5
Lincoln Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	-	500.0	-	500.0	3,400.0	-	-	-	3,900.0	-	3,900.0
Mendoza Memorial Park											
Capital Agreement Fund: Pima County Bonds	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
Northside Recreation Center											
Capital Agreement Fund: Pima County Bonds	75.0	775.5	-	775.5	4,512.0	-	-	-	5,287.5	-	5,362.5
Performing Arts Center											
Capital Agreement Fund: Pima County Bonds	40.0	145.0	480.0	625.0	-	-	-	-	625.0	-	665.0
Pima County Bond Project Capacity											
Capital Agreement Fund: Pima County Bonds	-	82.3	3,066.4	3,148.7	1,500.0	1,500.0	1,500.0	1,500.0	9,148.7	-	9,148.7
Rio Vista Park Expansion											
Capital Agreement Fund: Pima County Bonds	150.0	201.5	761.0	962.5	350.0	-	-	-	1,312.5	-	1,462.5

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

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Parks and Recreation											
Santa Cruz River Sports Park											
Capital Agreement Fund: Pima County Bonds	5.0	802.4	21.3	823.7	-	-	-	-	823.7	-	828.7
Santa Rita Skate Park											
Capital Agreement Fund: Pima County Bonds	9.7	140.3	-	140.3	-	-	-	-	140.3	-	150.0
Southeast Community Park											
Capital Agreement Fund: Pima County Bonds	4.0	2,019.0	-	2,019.0	2,231.0	1,596.0	-	-	5,846.0	-	5,850.0
Sunnyside Neighborhood Improvements											
Capital Agreement Fund: Pima County Bonds	146.4	5.0	-	5.0	-	-	-	-	5.0	-	151.4
Udall Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	-	300.0	-	300.0	1,650.0	-	-	-	1,950.0	-	1,950.0
Transportation											
Broadway Boulevard: Euclid to Campbell											
Capital Agreement Fund: Pima County Bonds	1,314.8	550.0	2,000.0	2,550.0	3,000.0	3,500.0	13,850.1	785.1	23,685.2	-	25,000.0
Cambio Grande Street Revitalization											
Capital Agreement Fund: Pima County Bonds	-	-	-	-	500.0	-	-	-	500.0	-	500.0
Columbus Wash Drainage Relief, Phase II											
Capital Agreement Fund: Pima County Contribution	-	2,000.0	4,400.0	6,400.0	-	-	-	-	6,400.0	-	6,400.0
Julia Keen Neighborhood Lighting											
Capital Agreement Fund: Pima County Bonds	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Kino Parkway Overpass at 22nd Street											
Capital Agreement Fund: Pima County Bonds	788.8	1,000.0	2,500.0	3,500.0	5,711.2	-	-	-	9,211.2	-	10,000.0
Midvale Park Neighborhood Lighting											
Capital Agreement Fund: Pima County Bonds	96.1	300.0	-	300.0	-	-	-	-	300.0	-	396.1
Navajo Wash Drainage Improvements											
Capital Agreement Fund: Pima County Contribution	367.0	233.0	2,000.0	2,233.0	2,200.0	-	-	-	4,433.0	-	4,800.0

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

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Transportation											
Pima County Neighborhood Bond Capacity											
Capital Agreement Fund: Pima County Bonds	-	-	-	-	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0	-	4,000.0
Total	6,722.1	10,320.8	17,038.8	27,359.6	30,549.5	8,083.0	16,350.1	3,285.1	85,627.3	-	92,349.4



City of Tucson



Section B **Department Programs**

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012





City of Tucson



Community Services

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

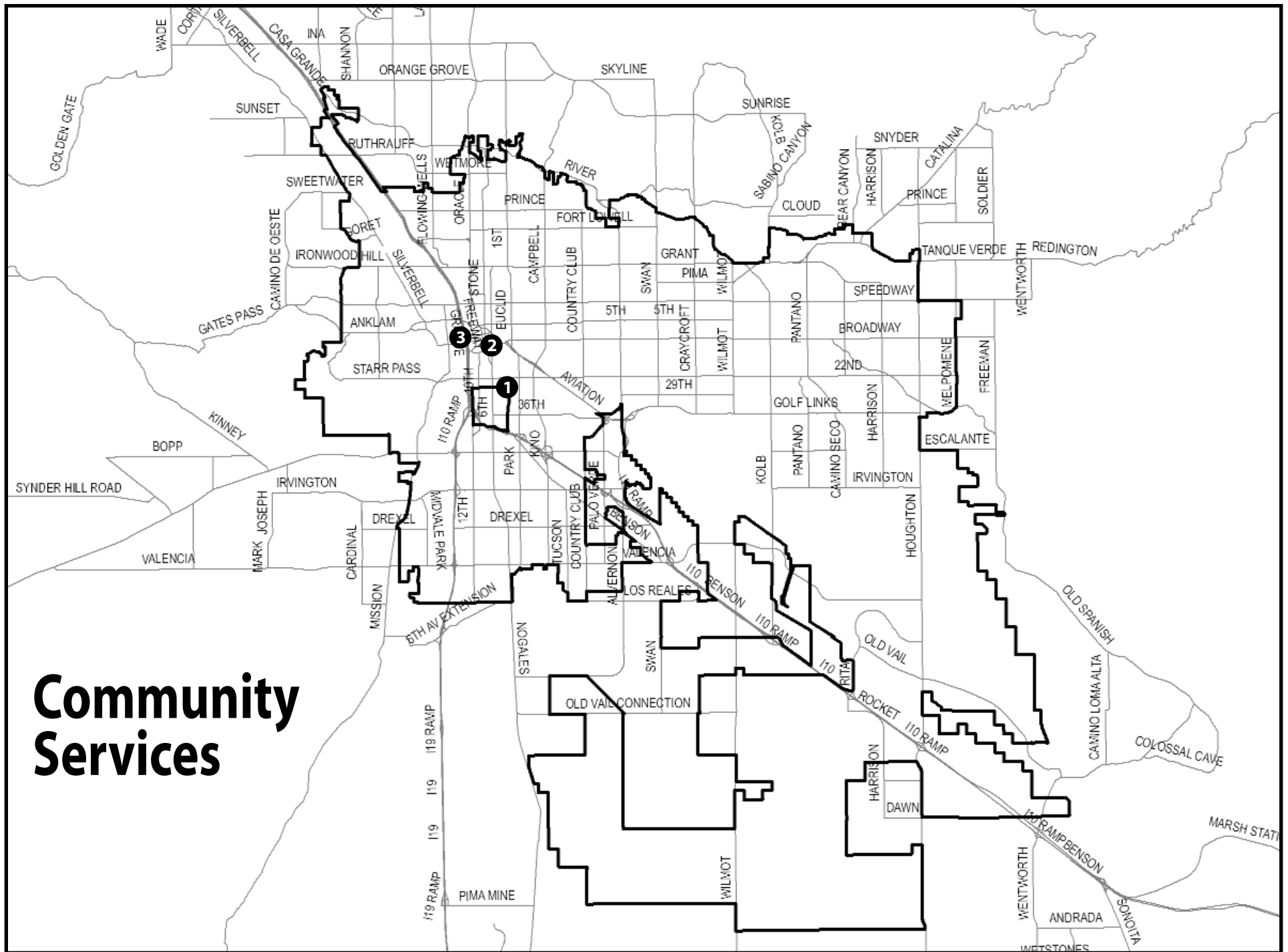
Department: Community Services

Five-Year Total: \$ 4,087,500

The Community Services Department's Capital Improvement Program (CIP) consists of three projects:

- 1) Rehabilitation of the Fry Apartments, including new roofing, heating and cooling systems, and associated electrical upgrades. The Fry Apartments were purchased in 2000 as part of an affordable housing preservation project.
- 2) 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, convenience store, lounge, terrace, and patio areas.
- 3) Construction of four affordable housing rental units at the Mercado near West Congress Street and Grande Avenue. The Mercado will be a mixed-use community comprised of approximately 200 residential dwelling units and 20,000 square feet of commercial space. This project will increase affordable housing in the Rio Nuevo District.

The Community Services Department's five-year CIP is funded with \$2.9 million in federal grants, \$1.2 million in Pima County Neighborhood Reinvestment bonds, and \$16,600 in General Fund land sale proceeds.



Map Legend

Community Services Department

<u>Project Name</u>	<u>Year to be Completed</u>		<u>Year to be Completed</u>
1. Fry Apartments Rehabilitation	FY 2008	3. Mercado District Rentals - El Portal	FY 2008
2. Martin Luther King Public Housing Amenities	FY 2009		

Community Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Fry Apartments Rehabilitation											
H.O.M.E. Grants	13.0	-	298.0	298.0	-	-	-	-	298.0	-	311.0
	13.0	-	298.0	298.0	-	-	-	-	298.0	-	311.0
Martin Luther King Public Housing Amenities											
Capital Agreement Fund: Pima County Bonds	70.0	-	517.9	517.9	684.8	-	-	-	1,202.7	-	1,272.7
Community Development Block Grant Fund	-	-	-	-	80.0	-	-	-	80.0	-	80.0
General Fund: Earned Revenue	-	-	0.3	0.3	16.3	-	-	-	16.6	-	16.6
HOPE VI - Martin Luther King Revitalization	-	-	183.4	183.4	1,118.8	-	-	-	1,302.2	-	1,302.2
Public Housing Capital Fund	-	-	87.9	87.9	620.1	-	-	-	708.0	-	708.0
	70.0	-	789.5	789.5	2,520.0	-	-	-	3,309.5	-	3,379.5
Mercado District Rentals - El Portal											
Community Development Block Grant Fund	68.0	-	-	-	-	-	-	-	-	-	68.0
H.O.M.E. Grants	-	-	480.0	480.0	-	-	-	-	480.0	-	480.0
	68.0	-	480.0	480.0	-	-	-	-	480.0	-	548.0
Department Total	151.0	-	1,567.5	1,567.5	2,520.0	-	-	-	4,087.5	-	4,238.5

Source of Funds Summary											
Capital Agreement Fund: Pima County Bonds	70.0	-	517.9	517.9	684.8	-	-	-	1,202.7	-	1,272.7
Community Development Block Grant Fund	68.0	-	-	-	80.0	-	-	-	80.0	-	148.0
General Fund: Earned Revenue	-	-	0.3	0.3	16.3	-	-	-	16.6	-	16.6
H.O.M.E. Grants	13.0	-	778.0	778.0	-	-	-	-	778.0	-	791.0
HOPE VI - Martin Luther King Revitalization	-	-	183.4	183.4	1,118.8	-	-	-	1,302.2	-	1,302.2
Public Housing Capital Fund	-	-	87.9	87.9	620.1	-	-	-	708.0	-	708.0
Department Total	151.0	-	1,567.5	1,567.5	2,520.0	-	-	-	4,087.5	-	4,238.5

Community Services

(\$000)

Fry Apartments Rehabilitation										Project ID: H129		
Description: The Fry Apartment building, located at 905 S. Fifth Avenue, is a 48 unit apartment complex that was purchased by the City of Tucson in 2000 to preserve affordable rental housing. In 2003, the city invested approximately \$1,200,000 to upgrade the interior and exterior of the apartments. The new funding in Fiscal Year 2008 will complete a rehabilitation project by providing for new roofing, heating and cooling system, and associated electrical upgrades.										Start Date: 12/06		
										End Date: 6/08		
										Location: Ward 5		
Justification: Upgrades to the heating, cooling, and electrical system are necessary to prolong the life of these affordable housing units.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
H.O.M.E. Grants	13.0	-	298.0	298.0	-	-	-	-	298.0	-	311.0	
Total	13.0	-	298.0	298.0	-	-	-	-	298.0	-	311.0	

Martin Luther King Public Housing Amenities										Project ID: H124		
Description: Design and construct public housing resident amenities at a new Martin Luther King, Jr. Apartment building, which will be built just north of the current building at 1 N. 5th Avenue.										Start Date: 9/06		
										End Date: 9/09		
										Location: Ward 6 (within Rio Nuevo District)		
Justification: This project is being constructed in conjunction with the MLK (Martin Luther King) Revitalization Plan approved by Mayor and Council.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	70.0	-	517.9	517.9	684.8	-	-	-	1,202.7	-	1,272.7	
Community Development Block Grant Fund	-	-	-	-	80.0	-	-	-	80.0	-	80.0	
General Fund: Earned Revenue	-	-	0.3	0.3	16.3	-	-	-	16.6	-	16.6	
HOPE VI - Martin Luther King Revitalization	-	-	183.4	183.4	1,118.8	-	-	-	1,302.2	-	1,302.2	
Public Housing Capital Fund	-	-	87.9	87.9	620.1	-	-	-	708.0	-	708.0	
Total	70.0	-	789.5	789.5	2,520.0	-	-	-	3,309.5	-	3,379.5	

Community Services

(\$000)

Mercado District Rentals - El Portal Description: Design and construct rental units in the Mercado, located near West Congress Street and Grande Avenue which is a new mixed-use community developed by Rio Development. The Mercado is comprised of approximately 200 residential units and 20,000 square feet of commercial space. These affordable rental units will be owned and operated by the city. Justification: These affordable rentals are being constructed to increase affordable housing in the Rio Nuevo district.									Project ID: H128 Start Date: 12/06 End Date: 6/08 Location: Ward 1 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Community Development Block Grant Fund	68.0	-	-	-	-	-	-	-	-	-	68.0
H.O.M.E. Grants	-	-	480.0	480.0	-	-	-	-	480.0	-	480.0
Total	68.0	-	480.0	480.0	-	-	-	-	480.0	-	548.0



City of Tucson



Development Services

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Development Services

Five-Year Total: \$ 806,900

The Development Services Capital Improvement Program (CIP) of \$806,900 provides enhancements to its computerized permitting information systems to improve customer service. Enhancements include an upgraded computer system, a wireless field computing capability, and a document management system that will make plans and development documents available to customers and staff via the Internet. The project is fully funded from the development fee reserve.

The Development Services permitting system, Permits Plus, is currently used by Neighborhood Resources, Fire, Community Services, Transportation, Environmental Services, and the Water Department to track plan review, permitting, inspections, and complaints. Additionally, Permits Plus and its ancillary systems are used by Police, Finance, the City Attorney's Office, the Office of Conservation and Sustainable Development, and the Urban Planning and Design Department for reference to information on shared activities.

Customer service will be improved and efficiencies gained through the availability of online information from a document management system that is integrated with the permitting system. This will provide customer Internet access to subdivision plats, development plans, site plans, grading plans, and building plans. Also available will be scanned copies of documents related to annexations, rezoning, Board of Adjustment cases and historic review cases, and digital pictures taken during inspections.

The addition of field laptops, wirelessly integrated with Permits Plus, will enable inspectors to more efficiently conduct field inspections. Inspectors will enter inspection results, initiate new cases (violations), and access all related documents and plans while in the field.

Finally, the currency of information and the availability of development-related documents over the Internet provide the foundation for Development Services Property Research Online (PRO) project. This project will provide access to needed information about any property in Pima County. Extensive use of new and existing GIS (Geographic Information System) resources will provide detailed information of all overlays that affect a property. Additionally, the annexation, rezoning, and platting documents will be available online from one location.

Development 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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
Computerized Permitting System Upgrade	15.0	15.0	20.0	20.0	20.0	90.0
Total	15.0	15.0	20.0	20.0	20.0	90.0
Source of Funds Summary						
General Fund: Fees and Charges	15.0	15.0	20.0	20.0	20.0	90.0
Total	15.0	15.0	20.0	20.0	20.0	90.0

Development Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Computerized Permitting System Upgrade											
General Fund: Restricted	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0
	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0
Department Total	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0
Source of Funds Summary											
General Fund: Restricted	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0
Department Total	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0

Development Services

(\$000)

Computerized Permitting System Upgrade Description: Purchase software, hardware, and services to replace and upgrade the department's permitting and business computer system. The system is also used by other departments to record and track code violations and inspection scheduling. Justification: The vendor for the current software is migrating customers to its new system. This migration has to occur within the next four years. The migration will require data conversion, training services, and computer hardware upgrades. In addition, the city will require software modifications to support electronic plans submittal and to meet the business needs of other departments using the system.									Project ID: N111 Start Date: 7/05 End Date: 6/11 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
General Fund: Restricted	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0
Total	193.1	115.0	100.0	215.0	200.0	200.0	191.9	-	806.9	-	1,000.0



City of Tucson



Environmental Services

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Environmental Services

Five-Year Total: \$ 35,124,100

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 \$35.1 million is funded with \$3.7 million from the 2000 bond authorization, \$0.1 million in environmental service funds, \$13.5 million from certificates of participation, and \$17.8 million from a possible future authorization of revenue bonds.

This Environmental Services CIP is divided into four project categories.

Facilities. Projects in this category total \$13.8 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 \$7.1 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 \$8.3 million for improvements to the Los Reales Landfill, including buffer and drainage improvements and the construction of two 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 \$5.9 million and include the assessment and remediation of soil and groundwater contamination at city-owned and/or operated landfill sites and city-owned facilities such as the Price Service Center.

This five-year CIP has a projected impact on the operating budget of \$1.1 million in Fiscal Year 2008 increasing to \$1.3 million by Fiscal Year 2012.

**2000 General Obligation and/or 2000 Environmental Service
Bond Authorization
New and Deleted Projects in the FY 2008-2012 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		
Los Reales Landfill Final Closure-Cells 1 and 2	\$ 275.0	
Newly Created Projects Total	\$ 275.0	
	Previous Allocation	Current Funding Source
Project No Longer Funded by 2000 Bond Authorization		
Los Reales Landfill Buffer Improvements	\$ 384.0	Certificates of Participation
Los Reales Landfill East Basin	\$ 533.5	Canceled
Los Reales Self-Hauler Facility	\$ 75.0	Certificates of Participation
No Longer Funded with 2000 Bonds Total	\$ 384.0	

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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
Broadway-Pantano Groundwater Remediation	360.0	360.0	360.0	360.0	360.0	1,800.0
Harrison Landfill Groundwater Remediation	140.0	140.0	140.0	140.0	140.0	700.0
Irvington Landfill Closure	-	60.0	60.0	80.0	80.0	280.0
Los Reales Landfill Groundwater Remediation	260.0	260.0	260.0	260.0	260.0	1,300.0
Price Service Center Remediation	119.0	112.0	112.0	112.0	112.0	567.0
Silverbell Jail Annex Landfill Remediation	180.0	180.0	180.0	180.0	180.0	900.0
Tumamoc Landfill Closure	-	120.0	120.0	120.0	120.0	480.0
Total	1,059.0	1,232.0	1,232.0	1,252.0	1,252.0	6,027.0

Source of Funds Summary						
Environmental Services Fund	1,059.0	1,232.0	1,232.0	1,252.0	1,252.0	6,027.0
Total	1,059.0	1,232.0	1,232.0	1,252.0	1,252.0	6,027.0

[illegible]

Map Legend

Environmental Services

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
<u>Environmental Services Facilities</u>		<u>Landfill Closure continued</u>	
1 - Household Hazardous Waste Facility	FY 2010	1 - Los Reales Landfill Final Closure - Cells 1 and 2	FY 2009
1 - Los Reales Administration Building	FY 2010	1 - Los Reales Landfill Westside Closure	FY 2010
1 - Los Reales Infrastructure Plan	FY 2009	2 - Irvington Landfill Closure	FY 2009
1 - Los Reales Learning Center	FY 2010	7 - Tumamoc Landfill Closure	FY 2009
1 - Los Reales Recycling Facilities	FY 2010		
1 - Los Reales Roadway Relocation	FY 2008	<u>Landfill Construction</u>	
1 - Los Reales Scalehouse	FY 2009	1 - Los Reales Landfill Buffer Improvements	FY 2010
1 - Los Reales Self Hauler Facility	FY 2009	1 - Los Reales Landfill Lined Cell 3	FY 2009
2 - Landfill End-Use: Irvington	FY 2011	1 - Los Reales Landfill Lined Cell 4	FY 2011
3 - Gas-to-Energy: Harrison Landfill	FY2010	1 - Los Reales Landfill West Property Acquisition	FY 2008
5 - Landfill End-Use: Pantano Wash	FY 2011		
9 - Landfill End-Use: Santa Cruz	FY 2011	<u>Remediations</u>	
10- Gas-to-Energy: Mullins Landfill	FY 2010	1 - Los Reales Landfill Groundwater Remediation	FY 2008
		3 - Harrison Landfill Groundwater Remediation	FY 2008
<u>Landfill Closure</u>		4 - Broadway-Pantano Groundwater Remediation	FY 2010
1 - Los Reales Intermediate Closures	FY 2008	6 - Price Service Center Remediation	FY 2008
1 - Los Reales Landfill Final Closure - Cell 3	FY 2012	8 - Silverbell Jail Annex Landfill Remediation	FY 2011

Environmental Services

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services - Facilities	192.6	75.0	4,730.0	4,805.0	5,502.0	3,098.0	350.0	-	13,755.0	-	13,947.6
Environmental Services - Landfill Closure	2,687.0	-	2,515.0	2,515.0	3,595.0	757.1	55.0	235.0	7,157.1	-	9,844.1
Environmental Services - Landfill Construction	120.0	48.0	3,721.0	3,769.0	1,063.0	370.0	3,060.0	-	8,262.0	-	8,382.0
Environmental Services - Remediations	20,166.3	-	1,150.0	1,150.0	1,600.0	2,200.0	1,000.0	-	5,950.0	-	26,116.3
Department Total	23,165.9	123.0	12,116.0	12,239.0	11,760.0	6,425.1	4,465.0	235.0	35,124.1	-	58,290.0

Source of Funds Summary											
1994 Environmental Service Bonds	140.9	-	-	-	-	-	-	-	-	-	140.9
1994 General Obligation Bond Funds	10,774.5	-	-	-	-	-	-	-	-	-	10,774.5
1994 General Obligation Bond Funds - Interest	1,344.8	-	-	-	-	-	-	-	-	-	1,344.8
2000 Environmental Service Bonds	4,049.9	-	-	-	-	-	-	-	-	-	4,049.9
2000 General Obligation Bond Funds	1,328.4	-	3,665.0	3,665.0	-	-	-	-	3,665.0	-	4,993.4
Capital Agreement Fund	2,645.8	-	-	-	-	-	-	-	-	-	2,645.8
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	400.0
Environmental Services Fund	116.0	-	150.0	150.0	-	-	-	-	150.0	-	266.0
Environmental Services Fund: COPs	310.0	123.0	8,301.0	8,424.0	4,573.0	490.0	-	-	13,487.0	-	13,797.0
Future Environmental Services Revenue Bonds	-	-	-	-	7,187.0	5,935.1	4,465.0	235.0	17,822.1	-	17,822.1
General Fund	2,055.5	-	-	-	-	-	-	-	-	-	2,055.5
Department Total	23,165.9	123.0	12,116.0	12,239.0	11,760.0	6,425.1	4,465.0	235.0	35,124.1	-	58,290.0

Environmental Services - Facilities

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Gas-to-Energy: Harrison Landfill											
Environmental Services Fund	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
Future Environmental Services Revenue Bonds	-	-	-	-	125.0	300.0	-	-	425.0	-	425.0
	-	-	50.0	50.0	125.0	300.0	-	-	475.0	-	475.0
Gas-to-Energy: Mullins Landfill											
Environmental Services Fund	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
Future Environmental Services Revenue Bonds	-	-	-	-	75.0	300.0	-	-	375.0	-	375.0
	-	-	100.0	100.0	75.0	300.0	-	-	475.0	-	475.0
Household Hazardous Waste Facility											
Future Environmental Services Revenue Bonds	-	-	-	-	300.0	1,000.0	-	-	1,300.0	-	1,300.0
	-	-	-	-	300.0	1,000.0	-	-	1,300.0	-	1,300.0
Landfill End-Use: Irvington											
Future Environmental Services Revenue Bonds	-	-	-	-	-	150.0	150.0	-	300.0	-	300.0
	-	-	-	-	-	150.0	150.0	-	300.0	-	300.0
Landfill End-Use: Pantano Wash											
Future Environmental Services Revenue Bonds	-	-	-	-	-	150.0	100.0	-	250.0	-	250.0
	-	-	-	-	-	150.0	100.0	-	250.0	-	250.0
Landfill End-Use: Santa Cruz											
Future Environmental Services Revenue Bonds	-	-	-	-	80.0	200.0	100.0	-	380.0	-	380.0
	-	-	-	-	80.0	200.0	100.0	-	380.0	-	380.0
Los Reales Administration Building											
Future Environmental Services Revenue Bonds	-	-	-	-	1,075.0	625.0	-	-	1,700.0	-	1,700.0
	-	-	-	-	1,075.0	625.0	-	-	1,700.0	-	1,700.0
Los Reales Infrastructure Plan											
Environmental Services Fund: COPs	-	-	1,435.0	1,435.0	500.0	-	-	-	1,935.0	-	1,935.0
	-	-	1,435.0	1,435.0	500.0	-	-	-	1,935.0	-	1,935.0

Environmental Services - Facilities

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Los Reales Learning Center											
Future Environmental Services Revenue Bonds	-	-	-	-	337.0	153.0	-	-	490.0	-	490.0
	-	-	-	-	337.0	153.0	-	-	490.0	-	490.0
Los Reales Recycling Facilities											
Environmental Services Fund: COPs	-	-	220.0	220.0	790.0	220.0	-	-	1,230.0	-	1,230.0
	-	-	220.0	220.0	790.0	220.0	-	-	1,230.0	-	1,230.0
Los Reales Roadway Relocation											
Environmental Services Fund: COPs	160.0	75.0	2,025.0	2,100.0	-	-	-	-	2,100.0	-	2,260.0
	160.0	75.0	2,025.0	2,100.0	-	-	-	-	2,100.0	-	2,260.0
Los Reales Scalehouse											
Environmental Services Fund: COPs	-	-	440.0	440.0	1,460.0	-	-	-	1,900.0	-	1,900.0
	-	-	440.0	440.0	1,460.0	-	-	-	1,900.0	-	1,900.0
Los Reales Self Hauler Facility											
1994 General Obligation Bond Funds - Interest	2.6	-	-	-	-	-	-	-	-	-	2.6
Environmental Services Fund: COPs	30.0	-	460.0	460.0	760.0	-	-	-	1,220.0	-	1,250.0
	32.6	-	460.0	460.0	760.0	-	-	-	1,220.0	-	1,252.6
Program Area Total	192.6	75.0	4,730.0	4,805.0	5,502.0	3,098.0	350.0	-	13,755.0	-	13,947.6
Source of Funds Summary											
1994 General Obligation Bond Funds - Interest	2.6	-	-	-	-	-	-	-	-	-	2.6
Environmental Services Fund	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Environmental Services Fund: COPs	190.0	75.0	4,580.0	4,655.0	3,510.0	220.0	-	-	8,385.0	-	8,575.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,992.0	2,878.0	350.0	-	5,220.0	-	5,220.0
Program Area Total	192.6	75.0	4,730.0	4,805.0	5,502.0	3,098.0	350.0	-	13,755.0	-	13,947.6

Environmental Services - Facilities

(\$000)

Gas-to-Energy: Harrison Landfill Description: Evaluate the feasibility, design, and construct a gas-to-energy system. Design and construction of this project is contingent upon the availability of future bond revenue. Justification: This system could produce power and generate revenue for other landfill operations. The Davis Monthan Air Force Base may partner with the city on this project.									Project ID: U121 Start Date: 7/07 End Date: 6/10 Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
Future Environmental Services Revenue Bonds	-	-	-	-	125.0	300.0	-	-	425.0	-	425.0
Total	-	-	50.0	50.0	125.0	300.0	-	-	475.0	-	475.0

Gas-to-Energy: Mullins Landfill Description: Evaluate the feasibility, design, and construct a gas-to-energy system. If the gas-to-energy system is not viable, gas control will be constructed. Design and construction of this project is contingent upon the availability of future bond revenue. Justification: The gas to energy system could produce power and generate revenue. Gas control facilities are required as part of a settlement agreement with the privately owned Speedway Landfill.									Project ID: U120 Start Date: 7/07 End Date: 6/10 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
Future Environmental Services Revenue Bonds	-	-	-	-	75.0	300.0	-	-	375.0	-	375.0
Total	-	-	100.0	100.0	75.0	300.0	-	-	475.0	-	475.0

Environmental Services - Facilities

(\$000)

Los Reales Administration Building										Project ID: Q381		
Description: Design and construct a new administration building. This project is contingent upon the availability of future bond revenue.										Start Date: 7/07		
										End Date: 6/10		
										Location: Ward 5		
Justification: This is the city's only operating landfill. Currently, staff is housed in modular units that are old with limited space.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Environmental Services Revenue Bonds	-	-	-	-	1,075.0	625.0	-	-	1,700.0	-	1,700.0	
Total	-	-	-	-	1,075.0	625.0	-	-	1,700.0	-	1,700.0	

Los Reales Infrastructure Plan										Project ID: Q383		
Description: Design the facility infrastructure improvements on the 80-acre site at Los Reales Landfill. Construction of the improvements are budgeted in separate projects.										Start Date: 7/07		
										End Date: 6/09		
										Location: Ward 5		
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Environmental Services Fund: COPs	-	-	1,435.0	1,435.0	500.0	-	-	-	1,935.0	-	1,935.0	
Total	-	-	1,435.0	1,435.0	500.0	-	-	-	1,935.0	-	1,935.0	

Environmental Services - Facilities

(\$000)

Los Reales Learning Center Description: Design and construct a public education and training facility at the new 80-acre Los Reales Landfill entrance facility. This project is contingent upon the availability of future bond revenue. Justification: This project will provide permanent educational displays for the public and training space for department staff.									Project ID: Q410 Start Date: 7/07 End Date: 6/10 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Environmental Services Revenue Bonds	-	-	-	-	337.0	153.0	-	-	490.0	-	490.0
Total	-	-	-	-	337.0	153.0	-	-	490.0	-	490.0

Los Reales Recycling Facilities Description: Design and construct a recycling facility and concrete compost slab. Justification: These facilities will divert recyclable and green waste from disposal, prolonging the life of the city's only operating landfill.									Project ID: Q382 Start Date: 7/06 End Date: 6/10 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund: COPs	-	-	220.0	220.0	790.0	220.0	-	-	1,230.0	-	1,230.0
Total	-	-	220.0	220.0	790.0	220.0	-	-	1,230.0	-	1,230.0

Environmental Services - Facilities

(\$000)

Los Reales Roadway Relocation Description: Design and construct approximately 4,000 feet of roadway along Los Reales and Craycroft Roads.									Project ID: Q333 Start Date: 7/06 End Date: 6/08 Location: Ward 5		
Justification: This roadway is necessary to handle landfill traffic, allow all-weather access to the landfill, and accommodate the relocation of the Los Reales Landfill entrance facilities.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund: COPs	160.0	75.0	2,025.0	2,100.0	-	-	-	-	2,100.0	-	2,260.0
Total	160.0	75.0	2,025.0	2,100.0	-	-	-	-	2,100.0	-	2,260.0

Los Reales Scalehouse Description: Design and construct scalehouse facilities at the new Los Reales 80-acre site.									Project ID: Q384 Start Date: 7/06 End Date: 6/09 Location: Ward 5		
Justification: New scalehouse facilities must be constructed prior to moving the entrance facilities at the Los Reales 80-acre site.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund: COPs	-	-	440.0	440.0	1,460.0	-	-	-	1,900.0	-	1,900.0
Total	-	-	440.0	440.0	1,460.0	-	-	-	1,900.0	-	1,900.0

Environmental Services - Facilities

(\$000)

Los Reales Self Hauler Facility Description: Design and construct a facility for self haulers to unload onto a tipping floor rather than directly into the landfill. Justification: This project is included in the proposed master plan for the facility. It will increase landfill safety and efficiency, reduce litter and dust, and accommodate future recycling programs.										Project ID: Q329 Start Date: 7/05 End Date: 6/09 Location: Ward 5	
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 General Obligation Bond Funds - Interest	2.6	-	-	-	-	-	-	-	-	-	2.6
Environmental Services Fund: COPs	30.0	-	460.0	460.0	760.0	-	-	-	1,220.0	-	1,250.0
Total	32.6	-	460.0	460.0	760.0	-	-	-	1,220.0	-	1,252.6

Environmental Services - Landfill Closure

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Irvington Landfill Closure											
1994 General Obligation Bond Funds	219.1	-	-	-	-	-	-	-	-	-	219.1
2000 Environmental Service Bonds	82.6	-	-	-	-	-	-	-	-	-	82.6
2000 General Obligation Bond Funds	8.8	-	1,305.0	1,305.0	-	-	-	-	1,305.0	-	1,313.8
Future Environmental Services Revenue Bonds	-	-	-	-	1,595.0	-	-	-	1,595.0	-	1,595.0
	310.5	-	1,305.0	1,305.0	1,595.0	-	-	-	2,900.0	-	3,210.5
Los Reales Intermediate Closures											
1994 Environmental Service Bonds	41.2	-	-	-	-	-	-	-	-	-	41.2
1994 General Obligation Bond Funds	292.8	-	-	-	-	-	-	-	-	-	292.8
1994 General Obligation Bond Funds - Interest	312.7	-	-	-	-	-	-	-	-	-	312.7
2000 Environmental Service Bonds	515.4	-	-	-	-	-	-	-	-	-	515.4
2000 General Obligation Bond Funds	-	-	185.0	185.0	-	-	-	-	185.0	-	185.0
Environmental Services Fund	2.7	-	-	-	-	-	-	-	-	-	2.7
	1,164.7	-	185.0	185.0	-	-	-	-	185.0	-	1,349.7
Los Reales Landfill Final Closure - Cell 3											
Future Environmental Services Revenue Bonds	-	-	-	-	-	-	55.0	235.0	290.0	-	290.0
	-	-	-	-	-	-	55.0	235.0	290.0	-	290.0
Los Reales Landfill Final Closure-Cells 1 and 2											
2000 General Obligation Bond Funds	-	-	275.0	275.0	-	-	-	-	275.0	-	275.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
	-	-	275.0	275.0	1,000.0	-	-	-	1,275.0	-	1,275.0

Environmental Services - Landfill Closure

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
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	60.9	-	-	-	-	-	-	-	-	-	60.9
2000 General Obligation Bond Funds	510.4	-	-	-	-	-	-	-	-	-	510.4
Environmental Services Fund	113.2	-	-	-	-	-	-	-	-	-	113.2
Future Environmental Services Revenue Bonds	-	-	-	-	-	757.1	-	-	757.1	-	757.1
	1,134.5	-	-	-	-	757.1	-	-	757.1	-	1,891.6
Tumamoc Landfill Closure											
2000 Environmental Service Bonds	77.3	-	-	-	-	-	-	-	-	-	77.3
2000 General Obligation Bond Funds	-	-	750.0	750.0	-	-	-	-	750.0	-	750.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
	77.3	-	750.0	750.0	1,000.0	-	-	-	1,750.0	-	1,827.3
Program Area Total	2,687.0	-	2,515.0	2,515.0	3,595.0	757.1	55.0	235.0	7,157.1	-	9,844.1
Source of Funds Summary											
1994 Environmental Service Bonds	41.2	-	-	-	-	-	-	-	-	-	41.2
1994 General Obligation Bond Funds	952.7	-	-	-	-	-	-	-	-	-	952.7
1994 General Obligation Bond Funds - Interest	321.9	-	-	-	-	-	-	-	-	-	321.9
2000 Environmental Service Bonds	736.2	-	-	-	-	-	-	-	-	-	736.2
2000 General Obligation Bond Funds	519.2	-	2,515.0	2,515.0	-	-	-	-	2,515.0	-	3,034.2
Environmental Services Fund	116.0	-	-	-	-	-	-	-	-	-	116.0
Future Environmental Services Revenue Bonds	-	-	-	-	3,595.0	757.1	55.0	235.0	4,642.1	-	4,642.1
Program Area Total	2,687.0	-	2,515.0	2,515.0	3,595.0	757.1	55.0	235.0	7,157.1	-	9,844.1

Environmental Services - Landfill Closure

(\$000)

Irrington Landfill Closure Description: Design and construct final closure cover, stormwater run-on/off controls, and bank protection along the Mesquite Ranch Wash at the Irrington Landfill. Construction of this project is contingent upon future bond revenue. 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.									Project ID: Q397 Start Date: 7/97 End Date: 6/09 Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 General Obligation Bond Funds	219.1	-	-	-	-	-	-	-	-	-	219.1
2000 Environmental Service Bonds	82.6	-	-	-	-	-	-	-	-	-	82.6
2000 General Obligation Bond Funds	8.8	-	1,305.0	1,305.0	-	-	-	-	1,305.0	-	1,313.8
Future Environmental Services Revenue Bonds	-	-	-	-	1,595.0	-	-	-	1,595.0	-	1,595.0
Total	310.5	-	1,305.0	1,305.0	1,595.0	-	-	-	2,900.0	-	3,210.5

Los Reales Intermediate Closures Description: Design and construct a phased interim cap along the south, west, and north slopes of the landfill, which will include stormwater controls on the landfill's cap and perimeter. Justification: Intermediate closure of cells is necessary to ensure compliance with city's landfill permit.									Project ID: Q326 Start Date: 1/97 End Date: 6/08 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 Environmental Service Bonds	41.2	-	-	-	-	-	-	-	-	-	41.2
1994 General Obligation Bond Funds	292.8	-	-	-	-	-	-	-	-	-	292.8
1994 General Obligation Bond Funds - Interest	312.7	-	-	-	-	-	-	-	-	-	312.7
2000 Environmental Service Bonds	515.4	-	-	-	-	-	-	-	-	-	515.4
2000 General Obligation Bond Funds	-	-	185.0	185.0	-	-	-	-	185.0	-	185.0
Environmental Services Fund	2.7	-	-	-	-	-	-	-	-	-	2.7
Total	1,164.7	-	185.0	185.0	-	-	-	-	185.0	-	1,349.7

Environmental Services - Landfill Closure

(\$000)

Los Reales Landfill Final Closure - Cell 3 Description: Design and construct final closure cover, stormwater run-on/off controls and bank protection for Cell 3 at the Los Reales Landfill. This project is contingent upon the availability of future bond revenue. Justification: This project is mandated under federal and state regulations and will facilitate the eventual closure of the Los Reales Landfill.									Project ID: Q399 Start Date: 7/10 End Date: 6/12 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Environmental Services Revenue Bonds	-	-	-	-	-	-	55.0	235.0	290.0	-	290.0
Total	-	-	-	-	-	-	55.0	235.0	290.0	-	290.0

Los Reales Landfill Final Closure-Cells 1 and 2 Description: Design and construct final closure features, including subgrade preparations, soil cap construction, stormwater drainage swales and letdowns, seeding, and mulching. Construction is contingent upon the availability of future revenue bond. 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.									Project ID: Q324 Start Date: 7/08 End Date: 6/09 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	-	-	275.0	275.0	-	-	-	-	275.0	-	275.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
Total	-	-	275.0	275.0	1,000.0	-	-	-	1,275.0	-	1,275.0

Environmental Services - Landfill Closure

(\$000)

Los Reales Landfill Westside Closure										Project ID: Q325		
Description: Design and construct final closure for an industrial waste disposal area on the westside of Los Reales Landfill. Completion of this project is contingent upon the availability of future bond revenue												
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1994 General Obligation Bond Funds	440.8	-	-	-	-	-	-	-	-	-	440.8	
1994 General Obligation Bond Funds - Interest	9.2	-	-	-	-	-	-	-	-	-	9.2	
2000 Environmental Service Bonds	60.9	-	-	-	-	-	-	-	-	-	60.9	
2000 General Obligation Bond Funds	510.4	-	-	-	-	-	-	-	-	-	510.4	
Environmental Services Fund	113.2	-	-	-	-	-	-	-	-	-	113.2	
Future Environmental Services Revenue Bonds	-	-	-	-	-	757.1	-	-	757.1	-	757.1	
Total	1,134.5	-	-	-	-	757.1	-	-	757.1	-	1,891.6	

Tumamoc Landfill Closure										Project ID: Q312		
Description: Design and construct final closure of the Tumamoc Landfill, including permitting and soil purchase. The design phase will be completed in Fiscal Year 2007, followed by the soil purchase and construction in Fiscal Year 2009. Construction is contingent upon the availability of future bond revenue.												
Justification: The landfill footprint is approximately 20 acres, unlined and capped with native soil. The improvements must be constructed to meet state regulations.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Environmental Service Bonds	77.3	-	-	-	-	-	-	-	-	-	77.3	
2000 General Obligation Bond Funds	-	-	750.0	750.0	-	-	-	-	750.0	-	750.0	
Future Environmental Services Revenue Bonds	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0	
Total	77.3	-	750.0	750.0	1,000.0	-	-	-	1,750.0	-	1,827.3	

Environmental Services - Landfill Construction

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Los Reales Landfill Buffer Improvements											
Environmental Services Fund: COPs	20.0	48.0	115.0	163.0	563.0	270.0	-	-	996.0	-	1,016.0
	20.0	48.0	115.0	163.0	563.0	270.0	-	-	996.0	-	1,016.0
Los Reales Landfill Lined Cell 3											
Environmental Services Fund: COPs	100.0	-	3,126.0	3,126.0	500.0	-	-	-	3,626.0	-	3,726.0
	100.0	-	3,126.0	3,126.0	500.0	-	-	-	3,626.0	-	3,726.0
Los Reales Landfill Lined Cell 4											
Future Environmental Services Revenue Bonds	-	-	-	-	-	100.0	3,060.0	-	3,160.0	-	3,160.0
	-	-	-	-	-	100.0	3,060.0	-	3,160.0	-	3,160.0
Los Reales Landfill West Property Acquisition											
Environmental Services Fund: COPs	-	-	480.0	480.0	-	-	-	-	480.0	-	480.0
	-	-	480.0	480.0	-	-	-	-	480.0	-	480.0
Program Area Total	120.0	48.0	3,721.0	3,769.0	1,063.0	370.0	3,060.0	-	8,262.0	-	8,382.0
Source of Funds Summary											
Environmental Services Fund: COPs	120.0	48.0	3,721.0	3,769.0	1,063.0	270.0	-	-	5,102.0	-	5,222.0
Future Environmental Services Revenue Bonds	-	-	-	-	-	100.0	3,060.0	-	3,160.0	-	3,160.0
Program Area Total	120.0	48.0	3,721.0	3,769.0	1,063.0	370.0	3,060.0	-	8,262.0	-	8,382.0

Environmental Services - Landfill Construction

(\$000)

Los Reales Landfill Buffer Improvements Description: Design and construct buffer improvements to the north, east, and west perimeters of the landfill including a screening berm, trees, and vegetation. Justification: These buffer improvements, which are part of the landfill's proposed master plan, will provide adequate screening to residential developments.									Project ID: Q332 Start Date: 7/05 End Date: 6/10 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund: COPs	20.0	48.0	115.0	163.0	563.0	270.0	-	-	996.0	-	1,016.0
Total	20.0	48.0	115.0	163.0	563.0	270.0	-	-	996.0	-	1,016.0

Los Reales Landfill Lined Cell 3 Description: Design, permit, and construct a third lined cell on 24 acres at the Los Reales Landfill. Justification: This is the city's only operational landfill and additional cells are required to extend its life. The continued development of the Los Reales Landfill represents the lowest cost alternative for disposal capacity.									Project ID: Q415 Start Date: 7/06 End Date: 6/09 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Environmental Services Fund: COPs	100.0	-	3,126.0	3,126.0	500.0	-	-	-	3,626.0	-	3,726.0
Total	100.0	-	3,126.0	3,126.0	500.0	-	-	-	3,626.0	-	3,726.0

Environmental Services - Landfill Construction

(\$000)

Los Reales Landfill Lined Cell 4										Project ID: Q416		
Description: Design, permit, and construct a fourth lined cell on 20 acres at the Los Reales Landfill. This project is contingent upon the availability of future bond revenue.										Start Date: 7/09		
										End Date: 6/11		
										Location: Ward 5		
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Environmental Services Revenue Bonds	-	-	-	-	-	100.0	3,060.0	-	3,160.0	-	3,160.0	
Total	-	-	-	-	-	100.0	3,060.0	-	3,160.0	-	3,160.0	

Los Reales Landfill West Property Acquisition										Project ID: Q414		
Description: Acquire the property west of Los Reales Landfill.										Start Date: 7/07		
										End Date: 6/08		
										Location: Ward 5		
Justification: This property will allow future stormwater discharges to be accommodated and improve buffer distances to neighbors.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Environmental Services Fund: COPs	-	-	480.0	480.0	-	-	-	-	480.0	-	480.0	
Total	-	-	480.0	480.0	-	-	-	-	480.0	-	480.0	

Environmental Services - Remediations

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Broadway-Pantano Groundwater Remediation											
1994 Environmental Service Bonds	7.0	-	-	-	-	-	-	-	-	-	7.0
1994 General Obligation Bond Funds	1,967.3	-	-	-	-	-	-	-	-	-	1,967.3
1994 General Obligation Bond Funds - Interest	29.5	-	-	-	-	-	-	-	-	-	29.5
2000 Environmental Service Bonds	234.0	-	-	-	-	-	-	-	-	-	234.0
2000 General Obligation Bond Funds	14.1	-	500.0	500.0	-	-	-	-	500.0	-	514.1
Capital Agreement Fund	2,621.2	-	-	-	-	-	-	-	-	-	2,621.2
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	400.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,500.0	1,500.0	-	-	3,000.0	-	3,000.0
General Fund	110.1	-	-	-	-	-	-	-	-	-	110.1
	5,383.0	-	500.0	500.0	1,500.0	1,500.0	-	-	3,500.0	-	8,883.0
Harrison Landfill Groundwater Remediation											
1994 Environmental Service Bonds	32.7	-	-	-	-	-	-	-	-	-	32.7
1994 General Obligation Bond Funds	1,245.2	-	-	-	-	-	-	-	-	-	1,245.2
1994 General Obligation Bond Funds - Interest	296.9	-	-	-	-	-	-	-	-	-	296.9
2000 Environmental Service Bonds	128.5	-	-	-	-	-	-	-	-	-	128.5
2000 General Obligation Bond Funds	337.6	-	150.0	150.0	-	-	-	-	150.0	-	487.6
General Fund	204.6	-	-	-	-	-	-	-	-	-	204.6
	2,245.4	-	150.0	150.0	-	-	-	-	150.0	-	2,395.4
Los Reales Landfill Groundwater Remediation											
1994 General Obligation Bond Funds	2,328.6	-	-	-	-	-	-	-	-	-	2,328.6
1994 General Obligation Bond Funds - Interest	527.1	-	-	-	-	-	-	-	-	-	527.1
2000 Environmental Service Bonds	1,232.5	-	-	-	-	-	-	-	-	-	1,232.5
2000 General Obligation Bond Funds	250.4	-	150.0	150.0	-	-	-	-	150.0	-	400.4
General Fund	244.2	-	-	-	-	-	-	-	-	-	244.2
	4,582.7	-	150.0	150.0	-	-	-	-	150.0	-	4,732.7

Environmental Services - Remediations

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Price Service Center Remediation											
1994 Environmental Service Bonds	60.1	-	-	-	-	-	-	-	-	-	60.1
1994 General Obligation Bond Funds	2,159.5	-	-	-	-	-	-	-	-	-	2,159.5
1994 General Obligation Bond Funds - Interest	129.2	-	-	-	-	-	-	-	-	-	129.2
2000 Environmental Service Bonds	721.6	-	-	-	-	-	-	-	-	-	721.6
2000 General Obligation Bond Funds	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
Capital Agreement Fund	24.7	-	-	-	-	-	-	-	-	-	24.7
General Fund	1,496.7	-	-	-	-	-	-	-	-	-	1,496.7
	4,591.8	-	100.0	100.0	-	-	-	-	100.0	-	4,691.8
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	997.1	-	-	-	-	-	-	-	-	-	997.1
2000 General Obligation Bond Funds	207.2	-	250.0	250.0	-	-	-	-	250.0	-	457.2
Future Environmental Services Revenue Bonds	-	-	-	-	100.0	700.0	1,000.0	-	1,800.0	-	1,800.0
	3,363.3	-	250.0	250.0	100.0	700.0	1,000.0	-	2,050.0	-	5,413.3
Program Area Total	20,166.3	-	1,150.0	1,150.0	1,600.0	2,200.0	1,000.0	-	5,950.0	-	26,116.3
Source of Funds Summary											
1994 Environmental Service Bonds	99.8	-	-	-	-	-	-	-	-	-	99.8
1994 General Obligation Bond Funds	9,821.9	-	-	-	-	-	-	-	-	-	9,821.9
1994 General Obligation Bond Funds - Interest	1,020.4	-	-	-	-	-	-	-	-	-	1,020.4
2000 Environmental Service Bonds	3,313.7	-	-	-	-	-	-	-	-	-	3,313.7
2000 General Obligation Bond Funds	809.2	-	1,150.0	1,150.0	-	-	-	-	1,150.0	-	1,959.2
Capital Agreement Fund	2,645.8	-	-	-	-	-	-	-	-	-	2,645.8
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	400.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,600.0	2,200.0	1,000.0	-	4,800.0	-	4,800.0
General Fund	2,055.5	-	-	-	-	-	-	-	-	-	2,055.5
Program Area Total	20,166.3	-	1,150.0	1,150.0	1,600.0	2,200.0	1,000.0	-	5,950.0	-	26,116.3

Environmental Services - Remediations

(\$000)

Broadway-Pantano Groundwater Remediation Description: Design and construct modifications of the existing groundwater pump and treat system by installing two monitoring wells, two groundwater extraction wells, piping, and activated carbon vessels to effectively pump and treat the contaminant plume. This plume originates at the Broadway North Landfill and is approaching the potable central wellfield. Design will be completed in Fiscal Year 2008, followed by construction in Fiscal Years 2009 and 2010. Construction is contingent upon the availability of future bond revenue. Justification: This project is a mandated Arizona Department of Environmental Quality State Superfund Site designed to remediate groundwater contamination.										Project ID: U315 Start Date: 7/95 End Date: 6/10 Location: Ward 2	
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 Environmental Service Bonds	7.0	-	-	-	-	-	-	-	-	-	7.0
1994 General Obligation Bond Funds	1,967.3	-	-	-	-	-	-	-	-	-	1,967.3
1994 General Obligation Bond Funds - Interest	29.5	-	-	-	-	-	-	-	-	-	29.5
2000 Environmental Service Bonds	234.0	-	-	-	-	-	-	-	-	-	234.0
2000 General Obligation Bond Funds	14.1	-	500.0	500.0	-	-	-	-	500.0	-	514.1
Capital Agreement Fund	2,621.2	-	-	-	-	-	-	-	-	-	2,621.2
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	400.0
Future Environmental Services Revenue Bonds	-	-	-	-	1,500.0	1,500.0	-	-	3,000.0	-	3,000.0
General Fund	110.1	-	-	-	-	-	-	-	-	-	110.1
Total	5,383.0	-	500.0	500.0	1,500.0	1,500.0	-	-	3,500.0	-	8,883.0

Harrison Landfill Groundwater Remediation Description: Design and construct modifications to the existing groundwater extraction system at Harrison Landfill that will accelerate remediation of the groundwater plume and increase efficiency of the system. Justification: This project is mandated by a corrective action plan with the Arizona Department of Environmental Quality Solid Waste Program.										Project ID: U316 Start Date: 7/95 End Date: 6/08 Location: Ward 4	
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 Environmental Service Bonds	32.7	-	-	-	-	-	-	-	-	-	32.7
1994 General Obligation Bond Funds	1,245.2	-	-	-	-	-	-	-	-	-	1,245.2
1994 General Obligation Bond Funds - Interest	296.9	-	-	-	-	-	-	-	-	-	296.9
2000 Environmental Service Bonds	128.5	-	-	-	-	-	-	-	-	-	128.5
2000 General Obligation Bond Funds	337.6	-	150.0	150.0	-	-	-	-	150.0	-	487.6
General Fund	204.6	-	-	-	-	-	-	-	-	-	204.6
Total	2,245.4	-	150.0	150.0	-	-	-	-	150.0	-	2,395.4

Environmental Services - Remediations

(\$000)

<div><div>Silverbell Jail Annex Landfill Remediation</div><div><div>Description:</div><div>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. Construction is contingent upon the availability of future bond revenue.</div></div><div><div>Justification:</div><div>This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.</div></div></div>										<div>Project ID: U314</div> <div>Start Date: 7/95</div> <div>End Date: 6/11</div> <div>Location: Ward 1</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
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		997.1	-	-	-	-	-	-	-	-	-	997.1
2000 General Obligation Bond Funds		207.2	-	250.0	250.0	-	-	-	-	250.0	-	457.2
Future Environmental Services Revenue Bonds		-	-	-	-	100.0	700.0	1,000.0	-	1,800.0	-	1,800.0
Total		3,363.3	-	250.0	250.0	100.0	700.0	1,000.0	-	2,050.0	-	5,413.3



City of Tucson



Fire

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Fire

Five Year Total: \$ 39,945,000

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 \$39.9 million is funded with \$2.2 million in 2000 general obligation bond funds, \$1 million in restricted general fund, and \$36.7 million in certificates of participation.

Major projects in this five-year CIP with funding in Fiscal Year 2008 include the following:

- Fire Central: a new facility for Fire Station 1, Administration, Emergency Management, and Fire Prevention offices
- Modifications to Fire Stations 20 and 21
- Fire Station 22: a new multi-company fire station
- Remodeling at four fire stations
- Mobile data terminal upgrades
- Support facility improvements

The operating budget costs associated with this program are projected to be \$3.3 million in Fiscal Year 2008, increasing to \$4.1 million in Fiscal Year 2012. See the following page for the operating budget impact by project and funding source.

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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
Fire Central	-	100.2	229.5	252.4	277.6	859.7
Fire Station 22	3,316.4	3,311.1	3,481.5	3,661.1	3,851.2	17,621.3
Total	3,316.4	3,411.3	3,711.0	3,913.5	4,128.8	18,481.0

Source of Funds Summary						
General Fund	3,316.4	3,411.3	3,711.0	3,913.5	4,128.8	18,481.0
Total	3,316.4	3,411.3	3,711.0	3,913.5	4,128.8	18,481.0



Map Legend

Fire

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Fire Station 22	FY 2008	4. Fire Station 21	FY 2008
2. Fire Central	FY 2009	5. Support Facility Improvements	FY 2008
3. Fire Station 20	FY 2008		

Fire

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Fire Central											
General Fund: Certificates of Participation	549.5	2,610.5	12,450.3	15,060.8	18,239.7	-	-	-	33,300.5	-	33,850.0
	549.5	2,610.5	12,450.3	15,060.8	18,239.7	-	-	-	33,300.5	-	33,850.0
Fire Station 20											
2000 General Obligation Bond Funds	3,466.3	203.7	-	203.7	-	-	-	-	203.7	-	3,670.0
General Fund	323.9	-	-	-	-	-	-	-	-	-	323.9
	3,790.2	203.7	-	203.7	-	-	-	-	203.7	-	3,993.9
Fire Station 21											
2000 General Obligation Bond Funds	3,083.3	91.7	-	91.7	-	-	-	-	91.7	-	3,175.0
	3,083.3	91.7	-	91.7	-	-	-	-	91.7	-	3,175.0
Fire Station 22											
2000 General Obligation Bond Funds	4,119.8	500.0	-	500.0	-	-	-	-	500.0	-	4,619.8
2000 General Obligation Bond Funds - Interest	-	950.0	-	950.0	-	-	-	-	950.0	-	950.0
General Fund: Restricted	500.0	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,500.0
	4,619.8	2,450.0	-	2,450.0	-	-	-	-	2,450.0	-	7,069.8
Fire Station Remodels											
1994 General Obligation Bond Funds - Interest	500.0	-	-	-	-	-	-	-	-	-	500.0
2000 General Obligation Bond Funds - Interest	280.0	-	-	-	-	-	-	-	-	-	280.0
General Fund: Certificates of Participation	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
	780.0	150.0	-	150.0	-	-	-	-	150.0	-	930.0
Land Acquisition for Future Stations											
General Fund: Certificates of Participation	-	-	-	-	700.0	-	-	-	700.0	-	700.0
	-	-	-	-	700.0	-	-	-	700.0	-	700.0
Mobile Data Terminal Upgrades											
General Fund: Certificates of Participation	738.6	111.4	-	111.4	-	-	-	-	111.4	-	850.0
	738.6	111.4	-	111.4	-	-	-	-	111.4	-	850.0

Fire

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
PSTA Master Plan and Design											
General Fund: Certificates of Participation	-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0
	-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0
Support Facility Improvements											
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	100.7
1994 General Obligation Bond Funds	530.7	-	-	-	-	-	-	-	-	-	530.7
1994 General Obligation Bond Funds - Interest	35.3	-	-	-	-	-	-	-	-	-	35.3
2000 General Obligation Bond Funds	2,967.4	437.7	-	437.7	-	-	-	-	437.7	-	3,405.1
2000 General Obligation Bond Funds - Interest	50.0	-	-	-	-	-	-	-	-	-	50.0
General Fund: Certificates of Participation	150.0	200.0	-	200.0	600.0	-	-	-	800.0	-	950.0
	3,834.0	637.7	-	637.7	600.0	-	-	-	1,237.7	-	5,071.7
Department Total	17,395.3	6,255.0	12,450.3	18,705.3	21,239.7	-	-	-	39,945.0	-	57,340.3

Source of Funds Summary											
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	100.7
1994 General Obligation Bond Funds	530.7	-	-	-	-	-	-	-	-	-	530.7
1994 General Obligation Bond Funds - Interest	535.3	-	-	-	-	-	-	-	-	-	535.3
2000 General Obligation Bond Funds	13,636.7	1,233.1	-	1,233.1	-	-	-	-	1,233.1	-	14,869.8
2000 General Obligation Bond Funds - Interest	330.0	950.0	-	950.0	-	-	-	-	950.0	-	1,280.0
General Fund	323.9	-	-	-	-	-	-	-	-	-	323.9
General Fund: Certificates of Participation	1,438.1	3,071.9	12,450.3	15,522.2	21,239.7	-	-	-	36,761.9	-	38,200.0
General Fund: Restricted	500.0	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,500.0
Department Total	17,395.3	6,255.0	12,450.3	18,705.3	21,239.7	-	-	-	39,945.0	-	57,340.3

Fire

(\$000)

Fire Central Description: Relocate 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.									Project ID: F913 Start Date: 7/06 End Date: 6/09 Location: Ward 1 (within Rio Nuevo District)		
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. The current Fire Prevention facility will be sold to a private business. After the current Fire Station 1/Administration building has been vacated by Fire, the property will be renovated or razed for occupancy by Tucson Police Department.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
General Fund: Certificates of Participation	549.5	2,610.5	12,450.3	15,060.8	18,239.7	-	-	-	33,300.5	-	33,850.0
Total	549.5	2,610.5	12,450.3	15,060.8	18,239.7	-	-	-	33,300.5	-	33,850.0

Fire Station 20 Description: A new multi-company fire station has been constructed at 1st Avenue and River Road. The station opened in April 2005 with an engine and paramedic company. A ladder truck company was placed in service October 2005 to complete the plan. The remaining funds will be used to make Americans with Disabilities Act (ADA)-required modifications to the fire station.									Project ID: F902 Start Date: 7/01 End Date: 6/08 Location: Ward 3		
Justification: This station was needed to provide relief to companies assigned to Stations 5 and 8 based on the department's target emergency response time of five minutes or less. Adhering to target response times provides better service delivery to the community.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	3,466.3	203.7	-	203.7	-	-	-	-	203.7	-	3,670.0
General Fund	323.9	-	-	-	-	-	-	-	-	-	323.9
Total	3,790.2	203.7	-	203.7	-	-	-	-	203.7	-	3,993.9

Fire

(\$000)

Fire Station 21										Project ID: F912		
Description: A new multi-company fire station has been constructed in the area of Bear Canyon and Tanque Verde Roads. Fire Station 21 opened in April 2005 with a paramedic-engine company. A paramedic company was added in October 2005 and a ladder company in December 2006. The remaining funds for this project will be used to make modifications to the station for ADA compliance.										Start Date: 12/01		
										End Date: 6/08		
										Location: Ward 2		
Justification: This station was needed to serve the growing population within the existing city limits and to keep Fire Department's target emergency response time at five minutes or less.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 General Obligation Bond Funds	3,083.3	91.7	-	91.7	-	-	-	-	91.7	-	3,175.0	
Total	3,083.3	91.7	-	91.7	-	-	-	-	91.7	-	3,175.0	

Fire Station 22										Project ID: F911		
Description: Design and construct a new multi-company fire station. Project costs include the station's land, fire apparatus, equipment, and furnishings.										Start Date: 7/04		
										End Date: 8/07		
										Location: Ward 5		
Justification: This new station will be located in the South Alvernon/Valencia area, which will serve its fast-growing commercial and industrial development. The new station will also provide relief to Fire Station 10 and 14 companies that currently protect the city's south and southwest areas.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 General Obligation Bond Funds	4,119.8	500.0	-	500.0	-	-	-	-	500.0	-	4,619.8	
2000 General Obligation Bond Funds - Interest	-	950.0	-	950.0	-	-	-	-	950.0	-	950.0	
General Fund: Restricted	500.0	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,500.0	
Total	4,619.8	2,450.0	-	2,450.0	-	-	-	-	2,450.0	-	7,069.8	

Fire

(\$000)

Fire Station Remodels										Project ID: F970		
Description: Remodel four fire stations (Stations 7, 15, 16, and 17) to convert existing one-room dormitories into individual cubicles for dressing and sleeping.												
Justification: With one-room dormitories, these four fire stations do not provide adequate privacy needs for male and female firefighters sharing accommodations.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1994 General Obligation Bond Funds - Interest	500.0	-	-	-	-	-	-	-	-	-	500.0	
2000 General Obligation Bond Funds - Interest	280.0	-	-	-	-	-	-	-	-	-	280.0	
General Fund: Certificates of Participation	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0	
Total	780.0	150.0	-	150.0	-	-	-	-	150.0	-	930.0	

Land Acquisition for Future Stations										Project ID: F930		
Description: Capacity for advance land acquisition.												
Justification: Land prices continue to climb in the Tucson region. Acquiring land in advance of project design and construction schedules will save the city money.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
General Fund: Certificates of Participation	-	-	-	-	700.0	-	-	-	700.0	-	700.0	
Total	-	-	-	-	700.0	-	-	-	700.0	-	700.0	

Fire

(\$000)

<div><div>Mobile Data Terminal Upgrades</div><div><div>Description:</div><div>Replace existing mobile data terminals in fire apparatus, medic trucks, and response vehicles with state-of-the-art units.</div></div></div>										<div><div>Project ID:</div><div>F904</div></div> <div><div>Start Date:</div><div>7/04</div></div> <div><div>End Date:</div><div>6/08</div></div> <div><div>Location:</div><div>Citywide</div></div>		
<div><div>Justification:</div><div>Mobile data terminals provide vital information to fire companies responding to fire and medical emergencies. The current data terminals are old, and replacement units cannot be purchased. The availability of replacement parts is limited. With the increasing number of units breaking, the existing stock of spare units is quickly being depleted.</div></div>												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
General Fund: Certificates of Participation		738.6	111.4	-	111.4	-	-	-	-	111.4	-	850.0
Total		738.6	111.4	-	111.4	-	-	-	-	111.4	-	850.0

PSTA Master Plan and Design										Project ID: F915		
Description: Solicit a master plan for additional utility and physical plant infrastructure, and for the new buildings to be added to the Public Safety Training Academy (PSTA). This project will include the design for the infrastructure improvements and for additional classrooms.										Start Date: 7/08		
										End Date: 6/09		
										Location: Ward 4		
Justification: The Public Safety Training Academy (PSTA) is currently at capacity for buildings and props. Without new infrastructure - roads, utilities, etc - and expanded classrooms, the facility will not be able to provide the training needs of the Police and Fire Department.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
General Fund: Certificates of Participation	-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0	
Total	-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0	

Fire

(\$000)

Support Facility Improvements Description: Design and construct improvements to Fire Station 7 and to the Fire Maintenance Facility. An additional bay at Fire Station 7 was completed in Fiscal Year 2003. The Maintenance Facility improvements included renovation of an existing building for offices and warehouse and the addition of the maintenance shop that were completed in May 2006. Fiscal Year 2008 funding will provide for a new roof and covered parking for fire apparatus.										Project ID: F901 Start Date: 7/00 End Date: 6/09 Location: Wards 5 and 6		
Justification: These improvements are needed to improve the use of existing space and to meet future demands for the maintenance and service of fire apparatus and equipment.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	100.7	
1994 General Obligation Bond Funds	530.7	-	-	-	-	-	-	-	-	-	530.7	
1994 General Obligation Bond Funds - Interest	35.3	-	-	-	-	-	-	-	-	-	35.3	
2000 General Obligation Bond Funds	2,967.4	437.7	-	437.7	-	-	-	-	437.7	-	3,405.1	
2000 General Obligation Bond Funds - Interest	50.0	-	-	-	-	-	-	-	-	-	50.0	
General Fund: Certificates of Participation	150.0	200.0	-	200.0	600.0	-	-	-	800.0	-	950.0	
Total	3,834.0	637.7	-	637.7	600.0	-	-	-	1,237.7	-	5,071.7	



City of Tucson



Information Technology

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Information Technology

Five-Year Total: \$ 17,002,800

The Information Technology Capital Improvement Program (CIP) of \$17.0 million has only one project: the completion of the Voice and Data Network and Component Upgrades. This project will provide a new digital microwave network to support a public safety voice and data regional radio communications system as well as a public service voice radio system, a wireless data communications system used in support of fire services, and radio communication equipment for public safety and public service operations. The digital microwave network, combined with the city's fiber optic network, will form a single communications transport infrastructure that will provide a platform for all city departments' data and wireless communications.

This five-year CIP is fully funded from Certificates of Participation.

Information Technology

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Voice and Data Network and Component Upgrades											
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8
General Fund	1,200.8	-	-	-	-	-	-	-	-	-	1,200.8
General Fund: Certificates of Participation	8,000.0	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	25,002.8
General Fund: Restricted Trust Reserves	4,997.2	-	-	-	-	-	-	-	-	-	4,997.2
	14,362.8	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	31,365.6
Department Total	14,362.8	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	31,365.6

Source of Funds Summary											
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8
General Fund	1,200.8	-	-	-	-	-	-	-	-	-	1,200.8
General Fund: Certificates of Participation	8,000.0	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	25,002.8
General Fund: Restricted Trust Reserves	4,997.2	-	-	-	-	-	-	-	-	-	4,997.2
Department Total	14,362.8	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	31,365.6

Information Technology

(\$000)

Voice and Data Network and Component Upgrades Description: Upgrade and replace components of the city's voice and data network, and upgrade computer systems for fire dispatch. Included in this project are a microwave system replacement, upgrade to the fire computer aided dispatch system, replacement of the fire station alerting system, and upgrade of the mobile data and automated vehicle locator systems.									Project ID: B802 Start Date: 7/99 End Date: 6/12 Location: Citywide		
Justification: The existing microwave and alerting systems are both over 20 years old and require replacement to ensure reliable connectivity to fire operations. Existing components can no longer be repaired or replaced in the event of a failure. Hardware for the dispatch system does not support current upgrades to operating systems which are required for dispatch software upgrades.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8
General Fund	1,200.8	-	-	-	-	-	-	-	-	-	1,200.8
General Fund: Certificates of Participation	8,000.0	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	25,002.8
General Fund: Restricted Trust Reserves	4,997.2	-	-	-	-	-	-	-	-	-	4,997.2
Total	14,362.8	4,000.0	-	4,000.0	3,250.7	3,250.7	3,250.7	3,250.7	17,002.8	-	31,365.6



City of Tucson



Neighborhood Resources

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Neighborhood Resources

Five-Year Total: \$ 18,552,000

The Department of Neighborhood Resources funds Back to Basics projects, which are infrastructure improvements and other enhancements as directed by Mayor and Council. These projects are cooperative efforts between city departments, the private sector, and neighborhood residents.

Annual programming provides \$397,200 annually for the mayor's office and each council office. The carryforward funding in Fiscal Year 2008 is for completion of projects from prior years.

Neighborhood Resources

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Back to Basics Unallocated											
Community Development Block Grant Fund	-	2,600.0	1,080.4	3,680.4	1,080.4	1,080.4	1,080.4	1,080.4	8,002.0	-	8,002.0
General Fund	-	450.0	-	450.0	-	-	-	-	450.0	-	450.0
Highway User Revenue Fund	-	1,600.0	1,700.0	3,300.0	1,700.0	1,700.0	1,700.0	1,700.0	10,100.0	-	10,100.0
	-	4,650.0	2,780.4	7,430.4	2,780.4	2,780.4	2,780.4	2,780.4	18,552.0	-	18,552.0
Department Total	-	4,650.0	2,780.4	7,430.4	2,780.4	2,780.4	2,780.4	2,780.4	18,552.0	-	18,552.0
Source of Funds Summary											
Community Development Block Grant Fund	-	2,600.0	1,080.4	3,680.4	1,080.4	1,080.4	1,080.4	1,080.4	8,002.0	-	8,002.0
General Fund	-	450.0	-	450.0	-	-	-	-	450.0	-	450.0
Highway User Revenue Fund	-	1,600.0	1,700.0	3,300.0	1,700.0	1,700.0	1,700.0	1,700.0	10,100.0	-	10,100.0
Department Total	-	4,650.0	2,780.4	7,430.4	2,780.4	2,780.4	2,780.4	2,780.4	18,552.0	-	18,552.0

Neighborhood Resources

(\$000)

Back to Basics Unallocated										Project ID: A148		
Description: Design and construct basic infrastructure improvements and other enhancements in neighborhoods as directed by the Mayor and Council. This is a master project that provides \$397,200 annually for the mayor's office and each council office. Carryforward funding in Fiscal Year 2008 is to complete projects from prior years.										Start Date: Annual		
										End Date: Annual		
										Location: Citywide		
Justification: This project supports the Mayor and Council Strategic Priorities.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Community Development Block Grant Fund	-	2,600.0	1,080.4	3,680.4	1,080.4	1,080.4	1,080.4	1,080.4	8,002.0	-	8,002.0	
General Fund	-	450.0	-	450.0	-	-	-	-	450.0	-	450.0	
Highway User Revenue Fund	-	1,600.0	1,700.0	3,300.0	1,700.0	1,700.0	1,700.0	1,700.0	10,100.0	-	10,100.0	
Total	-	4,650.0	2,780.4	7,430.4	2,780.4	2,780.4	2,780.4	2,780.4	18,552.0	-	18,552.0	



City of Tucson



Parks and Recreation

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Parks and Recreation

Five-Year Total: \$ 58,335,600

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 \$58.3 million is funded primarily from city and county 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 \$138,500 in Fiscal Year 2008, increasing to \$2,285,700 by Fiscal Year 2012 for a five-year total of \$7,606,300. See the following pages for the impact by project and funding source.

**2000 General Obligation Bond Authorization
New and Deleted Projects in the FY 2008-2012 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.

	<u>Project Total</u>	
Newly Created 2000 Bond Project		
Grijalva School Park	\$ 1,000.0	
Newly Created Projects Total	\$ 1,000.0	
	<u>Previous Allocation</u>	<u>Current Funding Source</u>
Project No Longer Funded by 2000 Bond Authorization		
Kino and 36th Street District Park	\$ 200.0	Transferred to Pima County
Santa Cruz River Park	1,000.0	Pima County Bonds
No Longer Funded with 2000 Bonds Total	\$ 1,200.0	

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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
Arroyo Chico Wash Improvements	-	-	-	102.8	86.3	189.1
Atturbury Wash Sanctuary Expansion	-	25.3	38.0	38.0	38.0	139.2
Clements Senior Center Recreation Facility	-	-	287.1	285.6	285.7	858.3
General Instruments Site Improvements	-	84.2	66.2	66.2	66.2	282.8
Houghton Greenway	-	3.6	3.6	3.6	3.6	14.4
Julian Wash Linear Park	-	-	3.3	3.6	3.6	10.5
Mendoza Memorial Park	-	77.9	62.9	62.9	62.9	266.6
Miscellaneous Parks Development/Renovations	54.6	54.6	54.6	54.6	54.6	273.0
New Comfort Stations	-	61.0	61.0	61.0	61.0	244.0
Northside Recreation Center	-	198.4	548.5	548.5	548.5	1,843.9
Performing Arts Center	-	119.7	116.7	116.7	116.7	469.9
Reid Park Renovation	6.3	6.3	6.3	6.3	6.3	31.5
Reid Park Zoo Africa Expansion-Elephant Exhibit	-	-	379.6	342.6	342.6	1,064.8
Reid Park Zoo Conservation Learning Center	75.4	106.8	106.8	106.8	106.8	502.6
Rio Vista Park Expansion	-	61.6	86.5	86.5	86.5	321.2
Rodeo Grounds Improvements	-	6.8	6.8	6.8	6.8	27.3
Santa Rita Skate Park	-	24.0	24.0	24.0	24.0	95.8
Southeast Community Park	-	-	-	576.9	383.4	960.3
Sunnyside Neighborhood Improvements	2.2	2.2	2.2	2.2	2.2	11.0
Total	138.5	832.4	1,854.1	2,495.6	2,285.7	7,606.3

Source of Funds Summary						
General Fund	138.5	832.4	1,854.1	2,495.6	2,285.7	7,606.3
Total	138.5	832.4	1,854.1	2,495.6	2,285.7	7,606.3

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

Project Name	Project Total
Santa Cruz River Sports Park (The feasibility of this project is in doubt due to restrictive site conditions including extensive archaeology, major drainage problems, and availability of developable land. The county and city are evaluating alternatives.)	\$ 828.7
Total	\$ 828.7

NOTES: The projects listed above are 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 Columer Park to be administered by Pima County. 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.

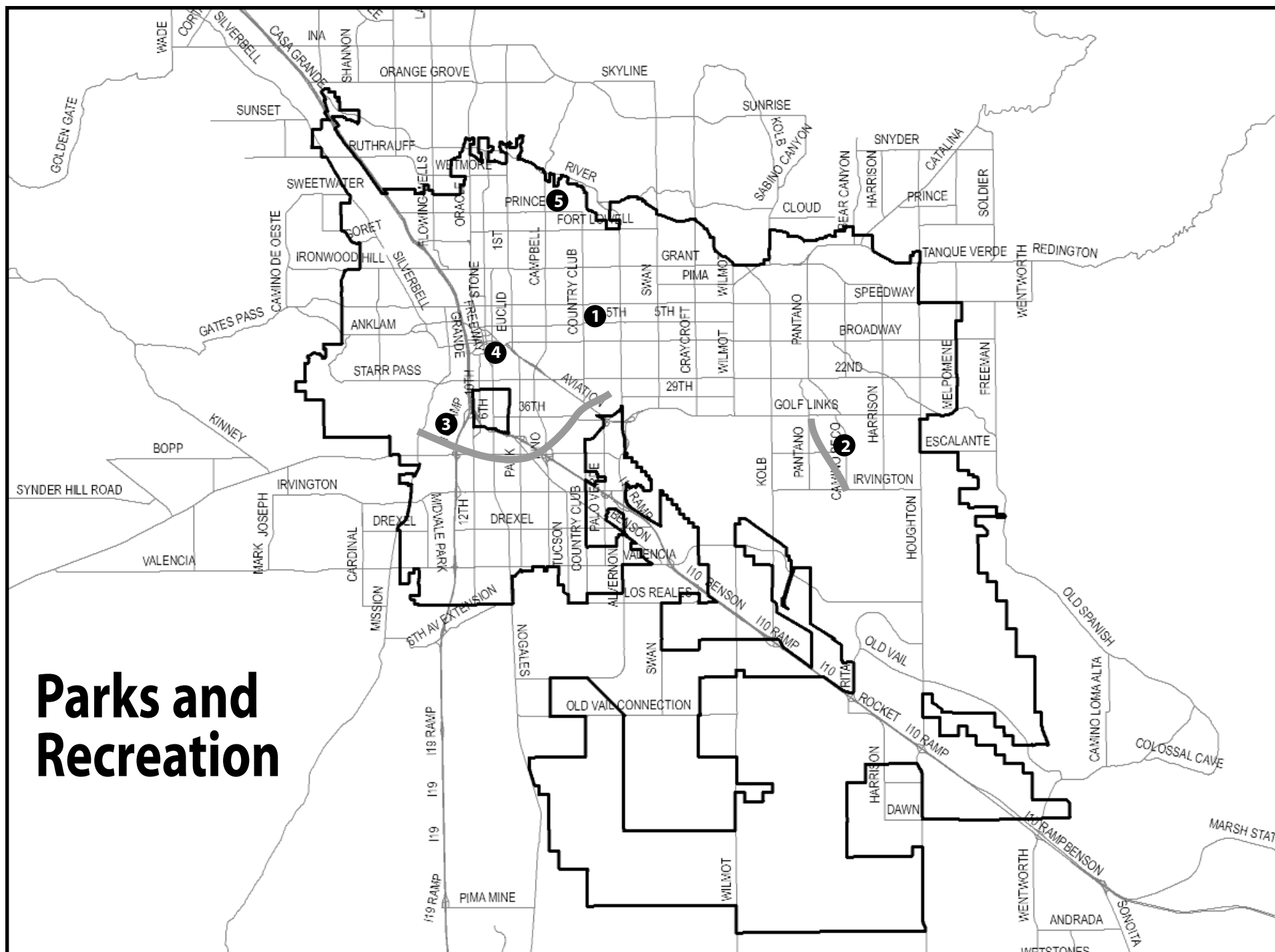
2004 Pima County General Obligation Bond Program Parks and Open Space Projects within the City of Tucson (\$000)

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 Wash Improvements	\$ 1,000.0	\$ 25.0	\$ 975.0
Atturbury Wash Sanctuary Expansion	1,200.0	30.0	1,170.0
Houghton Greenway	1,400.0	35.0	1,365.0
Julian Wash Linear Park	3,700.0	92.5	3,607.5
Lincoln Park Sport Fields	4,000.0	100.0	3,900.0
Northside Recreation Center	5,500.0	137.5	5,362.5
Performing Arts Center	682.0	17.0	665.0
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	2,000.0	50.0	1,950.0
	\$ 26,982.0	\$ 674.5	\$ 26,307.5
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	\$ 64,182.0		

¹Pima 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.



Map Legend

Parks and Recreation

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Arroyo Chico Wash Improvements	FY 2010	4. Performing Arts Center	FY 2008
2. Atturbury Wash Sanctuary Expansion	FY 2009	5. Rio Vista Park Expansion	FY 2009
3. Julian Wash Linear Park	FY 2010		

Parks and Recreation

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Parks and Recreation - Parks Development	9,504.9	8,487.7	12,248.2	20,735.9	20,547.6	3,659.3	1,500.0	1,500.0	47,942.8	-	57,447.7
Parks and Recreation - Zoo Improvements	2,369.2	2,832.8	60.0	2,892.8	7,500.0	-	-	-	10,392.8	-	12,762.0
Department Total	11,874.1	11,320.5	12,308.2	23,628.7	28,047.6	3,659.3	1,500.0	1,500.0	58,335.6	-	70,209.7

Source of Funds Summary											
2000 General Obligation Bond Funds	5,127.9	2,399.9	1,461.0	3,860.9	1,000.0	76.3	-	-	4,937.2	-	10,065.1
Capital Agreement Fund	800.0	-	-	-	-	-	-	-	-	-	800.0
Capital Agreement Fund: Pima County Bonds	3,485.4	6,087.8	5,620.9	11,708.7	17,453.5	3,583.0	1,500.0	1,500.0	35,745.2	-	39,230.6
Civic Contributions Fund	232.0	15.0	95.0	110.0	-	-	-	-	110.0	-	342.0
Community Development Block Grant Fund	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
Future General Obligation Bond Authorization	-	-	-	-	3,750.0	-	-	-	3,750.0	-	3,750.0
General Fund	46.5	-	-	-	-	-	-	-	-	-	46.5
General Fund: Certificates of Participation	2,182.2	2,817.8	-	2,817.8	3,750.0	-	-	-	6,567.8	-	8,750.0
Miscellaneous Non-Federal Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Road & Park Impact Fee Fund: Central District	-	-	829.6	829.6	344.7	-	-	-	1,174.3	-	1,174.3
Road & Park Impact Fee Fund: East District	-	-	814.8	814.8	280.7	-	-	-	1,095.5	-	1,095.5
Road & Park Impact Fee Fund: Southeast District	-	-	749.2	749.2	703.7	-	-	-	1,452.9	-	1,452.9
Road & Park Impact Fee Fund: Southlands District	-	-	1,051.5	1,051.5	565.0	-	-	-	1,616.5	-	1,616.5
Road & Park Impact Fee Fund: West District	-	-	1,226.2	1,226.2	200.0	-	-	-	1,426.2	-	1,426.2
Department Total	11,874.1	11,320.5	12,308.2	23,628.7	28,047.6	3,659.3	1,500.0	1,500.0	58,335.6	-	70,209.7

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Arcadia Park, Phase I											
Road & Park Impact Fee Fund: East District	-	-	464.8	464.8	35.2	-	-	-	500.0	-	500.0
	-	-	464.8	464.8	35.2	-	-	-	500.0	-	500.0
Arroyo Chico Wash Improvements											
Capital Agreement Fund: Pima County Bonds	-	-	75.0	75.0	510.0	390.0	-	-	975.0	-	975.0
Road & Park Impact Fee Fund: Central District	-	-	129.6	129.6	260.2	-	-	-	389.8	-	389.8
	-	-	204.6	204.6	770.2	390.0	-	-	1,364.8	-	1,364.8
Atturbury Wash Sanctuary Expansion											
Capital Agreement Fund: Pima County Bonds	250.0	320.0	-	320.0	600.0	-	-	-	920.0	-	1,170.0
	250.0	320.0	-	320.0	600.0	-	-	-	920.0	-	1,170.0
Cherry Avenue Center Expansion, Phase I											
Road & Park Impact Fee Fund: West District	-	-	226.2	226.2	-	-	-	-	226.2	-	226.2
	-	-	226.2	226.2	-	-	-	-	226.2	-	226.2
Christopher Columbus Park Expansion											
Road & Park Impact Fee Fund: West District	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
Clements Senior Center Recreation Facility											
2000 General Obligation Bond Funds	123.7	300.0	-	300.0	1,000.0	76.3	-	-	1,376.3	-	1,500.0
	123.7	300.0	-	300.0	1,000.0	76.3	-	-	1,376.3	-	1,500.0
El Pueblo Center Expansion, Phase I											
Road & Park Impact Fee Fund: West District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
General Instruments Site Improvements											
2000 General Obligation Bond Funds	11.0	189.0	-	189.0	-	-	-	-	189.0	-	200.0
	11.0	189.0	-	189.0	-	-	-	-	189.0	-	200.0

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Greenway and Natural Resource Area Acquisition											
2000 General Obligation Bond Funds	95.3	460.2	436.8	897.0	-	-	-	-	897.0	-	992.3
	95.3	460.2	436.8	897.0	-	-	-	-	897.0	-	992.3
Grijalva School Park											
2000 General Obligation Bond Funds	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Capital Agreement Fund: Pima County Bonds	-	-	146.3	146.3	-	-	-	-	146.3	-	146.3
	-	-	1,146.3	1,146.3	-	-	-	-	1,146.3	-	1,146.3
Houghton Greenway											
Capital Agreement Fund: Pima County Bonds	7.3	346.8	1,010.9	1,357.7	-	-	-	-	1,357.7	-	1,365.0
	7.3	346.8	1,010.9	1,357.7	-	-	-	-	1,357.7	-	1,365.0
Impact Fee Capacity - Regional Park Improvements											
Road & Park Impact Fee Fund: Central District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Road & Park Impact Fee Fund: East District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Road & Park Impact Fee Fund: Southeast District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Road & Park Impact Fee Fund: Southlands District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Road & Park Impact Fee Fund: West District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Juhan Park Expansion											
Road & Park Impact Fee Fund: West District	-	-	100.0	100.0	200.0	-	-	-	300.0	-	300.0
	-	-	100.0	100.0	200.0	-	-	-	300.0	-	300.0
Julian Wash Linear Park											
Capital Agreement Fund: Pima County Bonds	360.0	450.0	-	450.0	2,700.5	97.0	-	-	3,247.5	-	3,607.5
	360.0	450.0	-	450.0	2,700.5	97.0	-	-	3,247.5	-	3,607.5
Lincoln Park Expansion, Phase I											
Road & Park Impact Fee Fund: Southeast District	-	-	150.0	150.0	52.9	-	-	-	202.9	-	202.9
	-	-	150.0	150.0	52.9	-	-	-	202.9	-	202.9

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Lincoln Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	-	500.0	-	500.0	3,400.0	-	-	-	3,900.0	-	3,900.0
	-	500.0	-	500.0	3,400.0	-	-	-	3,900.0	-	3,900.0
Mendoza Memorial Park											
Capital Agreement Fund: Pima County Bonds	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
Civic Contributions Fund	25.0	-	35.0	35.0	-	-	-	-	35.0	-	60.0
Community Development Block Grant Fund	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
	25.0	-	155.0	155.0	-	-	-	-	155.0	-	180.0
Miscellaneous Parks Development/Renovations											
2000 General Obligation Bond Funds	4.8	228.7	17.3	246.0	-	-	-	-	246.0	-	250.8
	4.8	228.7	17.3	246.0	-	-	-	-	246.0	-	250.8
New Comfort Stations											
2000 General Obligation Bond Funds	680.0	300.0	-	300.0	-	-	-	-	300.0	-	980.0
	680.0	300.0	-	300.0	-	-	-	-	300.0	-	980.0
Northside Recreation Center											
Capital Agreement Fund: Pima County Bonds	75.0	775.5	-	775.5	4,512.0	-	-	-	5,287.5	-	5,362.5
	75.0	775.5	-	775.5	4,512.0	-	-	-	5,287.5	-	5,362.5
Ormsby Park Expansion Plan											
Road & Park Impact Fee Fund: Central District	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
Performing Arts Center											
Capital Agreement Fund: Pima County Bonds	40.0	145.0	480.0	625.0	-	-	-	-	625.0	-	665.0
	40.0	145.0	480.0	625.0	-	-	-	-	625.0	-	665.0
Pima County Bond Project Capacity											
Capital Agreement Fund: Pima County Bonds	-	82.3	3,066.4	3,148.7	1,500.0	1,500.0	1,500.0	1,500.0	9,148.7	-	9,148.7
	-	82.3	3,066.4	3,148.7	1,500.0	1,500.0	1,500.0	1,500.0	9,148.7	-	9,148.7

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Purple Heart Park Expansion											
Road & Park Impact Fee Fund: Southeast District	-	-	149.2	149.2	650.8	-	-	-	800.0	-	800.0
	-	-	149.2	149.2	650.8	-	-	-	800.0	-	800.0
Reid Park Expansion, Phase I											
Road & Park Impact Fee Fund: Central District	-	-	300.0	300.0	84.5	-	-	-	384.5	-	384.5
	-	-	300.0	300.0	84.5	-	-	-	384.5	-	384.5
Reid Park Renovation											
2000 General Obligation Bond Funds	2,155.0	350.0	-	350.0	-	-	-	-	350.0	-	2,505.0
Civic Contributions Fund	20.0	-	-	-	-	-	-	-	-	-	20.0
General Fund	46.2	-	-	-	-	-	-	-	-	-	46.2
	2,221.2	350.0	-	350.0	-	-	-	-	350.0	-	2,571.2
Reuse of Landfill Areas											
2000 General Obligation Bond Funds	-	207.0	-	207.0	-	-	-	-	207.0	-	207.0
	-	207.0	-	207.0	-	-	-	-	207.0	-	207.0
Rio Vista Park Expansion											
Capital Agreement Fund: Pima County Bonds	150.0	201.5	761.0	962.5	350.0	-	-	-	1,312.5	-	1,462.5
	150.0	201.5	761.0	962.5	350.0	-	-	-	1,312.5	-	1,462.5
Rodeo Grounds Improvements											
2000 General Obligation Bond Funds	893.1	100.0	6.9	106.9	-	-	-	-	106.9	-	1,000.0
	893.1	100.0	6.9	106.9	-	-	-	-	106.9	-	1,000.0
Santa Cruz River Sports Park											
Capital Agreement Fund: Pima County Bonds	5.0	802.4	21.3	823.7	-	-	-	-	823.7	-	828.7
	5.0	802.4	21.3	823.7	-	-	-	-	823.7	-	828.7

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Santa Rita Skate Park											
Capital Agreement Fund: Pima County Bonds	9.7	140.3	-	140.3	-	-	-	-	140.3	-	150.0
General Fund	0.3	-	-	-	-	-	-	-	-	-	0.3
	10.0	140.3	-	140.3	-	-	-	-	140.3	-	150.3
Silverlake Park Soccer Field Lighting Design											
Miscellaneous Non-Federal Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Road & Park Impact Fee Fund: Central District	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0
	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
South Central Community Park, Phase I											
Road & Park Impact Fee Fund: East District	-	-	150.0	150.0	245.5	-	-	-	395.5	-	395.5
Road & Park Impact Fee Fund: Southeast District	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
	-	-	400.0	400.0	245.5	-	-	-	645.5	-	645.5
Southeast Community Park											
Capital Agreement Fund: Pima County Bonds	4.0	2,019.0	-	2,019.0	2,231.0	1,596.0	-	-	5,846.0	-	5,850.0
	4.0	2,019.0	-	2,019.0	2,231.0	1,596.0	-	-	5,846.0	-	5,850.0
Sunnyside Neighborhood Improvements											
Capital Agreement Fund: Pima County Bonds	146.4	5.0	-	5.0	-	-	-	-	5.0	-	151.4
	146.4	5.0	-	5.0	-	-	-	-	5.0	-	151.4
Udall Park Sport Fields											
Capital Agreement Fund: Pima County Bonds	-	300.0	-	300.0	1,650.0	-	-	-	1,950.0	-	1,950.0
	-	300.0	-	300.0	1,650.0	-	-	-	1,950.0	-	1,950.0
Valencia Corridor Facilities Plan											
Road & Park Impact Fee Fund: Southlands District	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Valencia Corridor Land Acquisition, Phase I											
Road & Park Impact Fee Fund: Southlands District	-	-	301.5	301.5	565.0	-	-	-	866.5	-	866.5
	-	-	301.5	301.5	565.0	-	-	-	866.5	-	866.5
Valencia and Alvernon Community Park, Phase I											
Road & Park Impact Fee Fund: Southlands District	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
William Clements Center Expansion											
2000 General Obligation Bond Funds	1,165.0	265.0	-	265.0	-	-	-	-	265.0	-	1,430.0
Capital Agreement Fund	800.0	-	-	-	-	-	-	-	-	-	800.0
Capital Agreement Fund: Pima County Bonds	2,438.0	-	-	-	-	-	-	-	-	-	2,438.0
	4,403.0	265.0	-	265.0	-	-	-	-	265.0	-	4,668.0
Program Area Total	9,504.9	8,487.7	12,248.2	20,735.9	20,547.6	3,659.3	1,500.0	1,500.0	47,942.8	-	57,447.7

Source of Funds Summary											
2000 General Obligation Bond Funds	5,127.9	2,399.9	1,461.0	3,860.9	1,000.0	76.3	-	-	4,937.2	-	10,065.1
Capital Agreement Fund	800.0	-	-	-	-	-	-	-	-	-	800.0
Capital Agreement Fund: Pima County Bonds	3,485.4	6,087.8	5,620.9	11,708.7	17,453.5	3,583.0	1,500.0	1,500.0	35,745.2	-	39,230.6
Civic Contributions Fund	45.0	-	35.0	35.0	-	-	-	-	35.0	-	80.0
Community Development Block Grant Fund	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
General Fund	46.5	-	-	-	-	-	-	-	-	-	46.5
Miscellaneous Non-Federal Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Road & Park Impact Fee Fund: Central District	-	-	829.6	829.6	344.7	-	-	-	1,174.3	-	1,174.3
Road & Park Impact Fee Fund: East District	-	-	814.8	814.8	280.7	-	-	-	1,095.5	-	1,095.5
Road & Park Impact Fee Fund: Southeast District	-	-	749.2	749.2	703.7	-	-	-	1,452.9	-	1,452.9
Road & Park Impact Fee Fund: Southlands District	-	-	1,051.5	1,051.5	565.0	-	-	-	1,616.5	-	1,616.5
Road & Park Impact Fee Fund: West District	-	-	1,226.2	1,226.2	200.0	-	-	-	1,426.2	-	1,426.2
Program Area Total	9,504.9	8,487.7	12,248.2	20,735.9	20,547.6	3,659.3	1,500.0	1,500.0	47,942.8	-	57,447.7

Parks and Recreation - Parks Development

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Arcadia Park, Phase I										Project ID: RM01		
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.										Start Date: 7/07		
										End Date: 6/09		
										Location: Ward 6		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Road & Park Impact Fee Fund: East District		-	-	464.8	464.8	35.2	-	-	-	500.0	-	500.0
Total		-	-	464.8	464.8	35.2	-	-	-	500.0	-	500.0

Arroyo Chico Wash Improvements										Project ID: RP01		
Description: Design and construct riparian and recreational features along the Arroyo Chico Wash from Country Club Road to Campbell Avenue. The project includes land acquisition. An intergovernmental agreement with Pima County was approved in April 2007. The original Pima County 2004 bond allocation of \$1 million has been reduced by \$25,000 for estimated Pima County administrative charges.										Start Date: 7/07		
										End Date: 6/10		
										Location: Ward 6		
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.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds		-	-	75.0	75.0	510.0	390.0	-	-	975.0	-	975.0
Road & Park Impact Fee Fund: Central District		-	-	129.6	129.6	260.2	-	-	-	389.8	-	389.8
Total		-	-	204.6	204.6	770.2	390.0	-	-	1,364.8	-	1,364.8

Parks and Recreation - Parks Development

(\$000)

El Pueblo Center Expansion, Phase I										Project ID: RM04		
Description: Design improvements based on the center's master plan. Construction is contingent upon future Pima County bonds or other revenues.										Start Date: 7/07		
										End Date: 6/08		
										Location: Ward 5		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: West District	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0	
Total	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0	

General Instruments Site Improvements										Project ID: R032		
Description: Design and construct a passive natural resource park area adjacent to Anklam Wash on the city's westside.										Start Date: 7/06		
										End Date: 6/08		
										Location: Ward 1		
Justification: This project will provide natural resource park areas adjacent to neighborhoods and will allow for connectivity to other park areas.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 General Obligation Bond Funds	11.0	189.0	-	189.0	-	-	-	-	189.0	-	200.0	
Total	11.0	189.0	-	189.0	-	-	-	-	189.0	-	200.0	

Parks and Recreation - Parks Development

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Mendoza Memorial Park 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 Community Services Department had a study and concept plan for a neighborhood memorial park prepared in 2003. An intergovernmental agreement with Pima County is still pending for the use of Neighborhood Reinvestment Bonds.									Project ID: R983 Start Date: 3/07 End Date: 6/08 Location: Ward 6		
Justification: This project provides much need recreational facilities in this neighborhood and honors Diego and Orianda Mendoza.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
Civic Contributions Fund	25.0	-	35.0	35.0	-	-	-	-	35.0	-	60.0
Community Development Block Grant Fund	-	-	60.0	60.0	-	-	-	-	60.0	-	60.0
Total	25.0	-	155.0	155.0	-	-	-	-	155.0	-	180.0

Miscellaneous Parks Development/Renovations Description: Construct identified upgrades, renovations, and new park features identified by each ward office and the Mayor's Office. This project is used as a 2000 bond program master project, with drawdowns made to specific projects. The original bond allocation was \$1.4 million.									Project ID: R914 Start Date: 7/00 End Date: 6/08 Location: Citywide		
Justification: This project provides for needed renovations and new park features.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	4.8	228.7	17.3	246.0	-	-	-	-	246.0	-	250.8
Total	4.8	228.7	17.3	246.0	-	-	-	-	246.0	-	250.8

Parks and Recreation - Parks Development

(\$000)

New Comfort Stations										Project ID: R036		
Description: Design and construct comfort stations that meet Americans with Disabilities Act (ADA) standards at DeAnza, Estevan, and Menlo Parks. Improvements at Santa Cruz River, Palo Verde, and Rudy Garcia (Rodeo) Parks have been completed.										Start Date: 7/00		
										End Date: 6/08		
										Location: Citywide		
Justification: New comfort stations are needed at the identified parks due to their high activity levels and inadequate existing units.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds		680.0	300.0	-	300.0	-	-	-	-	300.0	-	980.0
Total		680.0	300.0	-	300.0	-	-	-	-	300.0	-	980.0

Northside Recreation Center										Project ID: RP06		
Description: Develop a community center to serve residents living in north central Tucson. The design of the community center will be determined through a public participation process and will incorporate facilities in keeping with standards as defined in the City of Tucson Park 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.										Start Date: 9/06		
										End Date: 5/09		
										Location: Ward 3		
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.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds		75.0	775.5	-	775.5	4,512.0	-	-	-	5,287.5	-	5,362.5
Total		75.0	775.5	-	775.5	4,512.0	-	-	-	5,287.5	-	5,362.5

Parks and Recreation - Parks Development

(\$000)

Ormsby Park Expansion Plan										Project ID: RM07		
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 city and/or county bonds and potential grants.										Start Date: 7/07		
										End Date: 6/08		
										Location: Ward 1		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: Central District	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Total	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	

Performing Arts Center										Project ID: RP08		
Description: Design and construct structural improvements to the 1921 historic building. An intergovernmental agreement was approved by Mayor and Council in March 2007. The original Pima County 2004 general obligation bond allocation of \$682,000 has been reduced by \$17,000 for estimated Pima County administrative charges.										Start Date: 7/06		
										End Date: 6/08		
										Location: Ward 6		
Justification: The building was found to be structurally unsafe due to deteriorating masonry joints. This project will restore a historic building, which is a vital part of the Armory Park Neighborhood, and provide a suitable venue for emerging theater groups and performing artists.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	40.0	145.0	480.0	625.0	-	-	-	-	625.0	-	665.0	
Total	40.0	145.0	480.0	625.0	-	-	-	-	625.0	-	665.0	

Parks and Recreation - Parks Development

(\$000)

Pima County Bond Project Capacity										Project ID: RPOC		
Description: Budget capacity for potential Pima County Bond and Neighborhood Reinvestment projects funded by the 1997 and 2004 Pima County Bond authorization. This capacity will provide for such proposed parks bond projects as Fort Lowell Historic Resources Plan, Herrera Park Garden Lights, Murrieta Park Ballfield, and Rudy Garcia Scoreboard. This capacity also provide for such proposed Neighborhood Reinvestment projects as Habitat for Humanity Park, Catalina Splash Pad, Davidson School/Park, Jacinto Park, Oury Basketball, and others.										Start Date: 7/07		
										End Date: 6/12		
Justification: These funds provide the City of Tucson the ability to manage the design, land aquisition, and construction of future Pima County Bond and Neighborhood Investment projects within the city's jurisdiction.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	-	82.3	3,066.4	3,148.7	1,500.0	1,500.0	1,500.0	1,500.0	9,148.7	-	9,148.7	
Total	-	82.3	3,066.4	3,148.7	1,500.0	1,500.0	1,500.0	1,500.0	9,148.7	-	9,148.7	

Purple Heart Park Expansion										Project ID: RM08		
Description: Design and begin construction of sport fields lighting, sport fields, and picnic facilities per the park's master plan. Completion of construction will be funded with future impact fee revenue.										Start Date: 7/07		
										End Date: 6/09		
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.										Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: Southeast District	-	-	149.2	149.2	650.8	-	-	-	800.0	-	800.0	
Total	-	-	149.2	149.2	650.8	-	-	-	800.0	-	800.0	

Parks and Recreation - Parks Development

(\$000)

Rodeo Grounds Improvements										Project ID: R917		
Description: Design and construct improvements to the Rodeo Grounds Facility. Improvements completed to date include a new comfort station, new holding pens for livestock, re-skinning of the hangar building, and replacement of adobe wall to an adjacent building used as Parade Museum.												
Justification: Improvements are needed at this aging facility to provide a better venue for events and to ensure safety and accessibility for all users.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 General Obligation Bond Funds	893.1	100.0	6.9	106.9	-	-	-	-	106.9	-	1,000.0	
Total	893.1	100.0	6.9	106.9	-	-	-	-	106.9	-	1,000.0	

Santa Cruz River Sports Park										Project ID: R939		
Description: This project is no longer viable due to restrictive site conditions, including extensive archaeology, major drainage problems and availability of developable land. As a result, the \$1,000,000 in City of Tucson 2000 bond funds for this project is being transferred to fund the Grijalva School Park, which will serve the same area. The disposition of Pima County's contribution to this park is not known at this time.												
Justification: Currently there is a shortage of playing fields in Tucson. The Santa Cruz River Sport Park was intended to address the need for sport fields on the southwest side of Tucson and enhance the recreational aspects of the Santa Cruz River corridor.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	5.0	802.4	21.3	823.7	-	-	-	-	823.7	-	828.7	
Total	5.0	802.4	21.3	823.7	-	-	-	-	823.7	-	828.7	

Parks and Recreation - Parks Development

(\$000)

Santa Rita Skate Park										Project ID: R967		
Description: Design and construct skateboard facility in an existing park. The skate park will have lights for evening use, perimeter fencing, and landscaping. The project may include a shade structure. The skateboard park will serve beginner, intermediate, and advanced users. This project is funded with 1997 Pima County Neighborhood Reinvestment Bonds.												
Justification: This project is the result of an extensive public participation process that included area residents and significant representation by the skateboard community. It is a project strongly supported by the community and users it will serve.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	9.7	140.3	-	140.3	-	-	-	-	140.3	-	150.0	
General Fund	0.3	-	-	-	-	-	-	-	-	-	0.3	
Total	10.0	140.3	-	140.3	-	-	-	-	140.3	-	150.3	

Silverlake Park Soccer Field Lighting Design										Project ID: RM10		
Description: Design and construct lighting for two existing soccer fields.												
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Miscellaneous Non-Federal Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0	
Road & Park Impact Fee Fund: Central District	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Total	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0	

Parks and Recreation - Parks Development

(\$000)

Sunnyside Neighborhood Improvements										Project ID: R972		
Description: Design and construct improvements throughout the Sunnyside Neighborhood and improvements to Herrera Park, including picnic tables, benches, and a community garden. This project is funded with 1997 Pima County Neighborhood Reinvestment Bond funds.										Start Date: 11/03		
										End Date: 7/07		
										Location: Ward 5		
Justification: This project, a grass-roots effort by the community, will improve and expand upon the recreation facilities in Herrera Park.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds		146.4	5.0	-	5.0	-	-	-	-	5.0	-	151.4
Total		146.4	5.0	-	5.0	-	-	-	-	5.0	-	151.4

Udall Park Sport Fields										Project ID: RP13		
Description: Design and construct two lighted soccer fields, lighting for an existing soccer field, a comfort station, and associated parking. This project is the result of a change in scope to the project titled Eastside Sports Complex. The search for a 50-acres 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.										Start Date: 7/07		
										End Date: 3/09		
										Location: Ward 2		
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.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds		-	300.0	-	300.0	1,650.0	-	-	-	1,950.0	-	1,950.0
Total		-	300.0	-	300.0	1,650.0	-	-	-	1,950.0	-	1,950.0

Parks and Recreation - Parks Development

(\$000)

Valencia and Alvernon Community Park, Phase I										Project ID: RM12		
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 city and/or county bonds or other revenues.										Start Date: 7/07		
										End Date: 6/08		
										Location: Ward 5		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: Southlands District	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
Total	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	

Valencia Corridor Facilities Plan										Project ID: RM14		
Description: Develop a park facilities master plan for the Valencia Road Corridor.										Start Date: 7/07		
										End Date: 6/08		
										Location: Wards 4 and 5		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: Southlands District	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0	
Total	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0	

Parks and Recreation - Parks Development

(\$000)

Valencia Corridor Land Acquisition, Phase I										Project ID: RM13		
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.										Start Date: 7/07		
										End Date: 6/09		
										Location: Wards 4 and 5		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: Southlands District	-	-	301.5	301.5	565.0	-	-	-	866.5	-	866.5	
Total	-	-	301.5	301.5	565.0	-	-	-	866.5	-	866.5	

William Clements Center Expansion										Project ID: R030		
Description: Design and construct an expansion of the William Clements Center, including a new gymnasium with adjacent aerobic and fitness training areas, indoor walking track, table games area, restrooms, locker and shower area, lobby area, administrative offices, landscaping, and additional parking. These project items have been completed. Funding in Fiscal Year 2008 is to complete replacement of a maintenance facility. Pima Community College contributed \$800,000 to this project.										Start Date: 7/00		
										End Date: 6/08		
										Location: Ward 4		
Justification: This project provides much needed recreational facilities to the southeast Tucson community and the students of Pima Community College.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 General Obligation Bond Funds	1,165.0	265.0	-	265.0	-	-	-	-	265.0	-	1,430.0	
Capital Agreement Fund	800.0	-	-	-	-	-	-	-	-	-	800.0	
Capital Agreement Fund: Pima County Bonds	2,438.0	-	-	-	-	-	-	-	-	-	2,438.0	
Total	4,403.0	265.0	-	265.0	-	-	-	-	265.0	-	4,668.0	

Parks and Recreation - Zoo Improvements

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Reid Park Zoo Africa Expansion-Elephant Exhibit											
Future General Obligation Bond Authorization	-	-	-	-	3,750.0	-	-	-	3,750.0	-	3,750.0
General Fund: Certificates of Participation	300.0	700.0	-	700.0	3,750.0	-	-	-	4,450.0	-	4,750.0
	300.0	700.0	-	700.0	7,500.0	-	-	-	8,200.0	-	8,500.0
Reid Park Zoo Conservation Learning Center											
Civic Contributions Fund	187.0	15.0	60.0	75.0	-	-	-	-	75.0	-	262.0
General Fund: Certificates of Participation	1,882.2	2,117.8	-	2,117.8	-	-	-	-	2,117.8	-	4,000.0
	2,069.2	2,132.8	60.0	2,192.8	-	-	-	-	2,192.8	-	4,262.0
Program Area Total	2,369.2	2,832.8	60.0	2,892.8	7,500.0	-	-	-	10,392.8	-	12,762.0
Source of Funds Summary											
Civic Contributions Fund	187.0	15.0	60.0	75.0	-	-	-	-	75.0	-	262.0
Future General Obligation Bond Authorization	-	-	-	-	3,750.0	-	-	-	3,750.0	-	3,750.0
General Fund: Certificates of Participation	2,182.2	2,817.8	-	2,817.8	3,750.0	-	-	-	6,567.8	-	8,750.0
Program Area Total	2,369.2	2,832.8	60.0	2,892.8	7,500.0	-	-	-	10,392.8	-	12,762.0

Parks and Recreation - Zoo Improvements

(\$000)

Reid Park Zoo Africa Expansion-Elephant Exhibit										Project ID: R978		
Description: Design and construct a seven-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 three-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.										Start Date: 7/06		
										End Date: 6/09		
										Location: Ward 6		
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.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future General Obligation Bond Authorization		-	-	-	-	3,750.0	-	-	-	3,750.0	-	3,750.0
General Fund: Certificates of Participation		300.0	700.0	-	700.0	3,750.0	-	-	-	4,450.0	-	4,750.0
Total		300.0	700.0	-	700.0	7,500.0	-	-	-	8,200.0	-	8,500.0

Reid Park Zoo Conservation Learning Center										Project ID: R966		
Description: Design and construct a new facility that will provide for new classrooms, meeting and office spaces, kitchen, teaching lab, restrooms, and an animal holding area. Project costs also include the removal of the existing facility. This project is a joint effort between the City of Tucson and the Tucson Zoological Society.										Start Date: 7/06		
										End Date: 12/07		
										Location: Ward 6		
Justification: The current zoo school is inadequate to accommodate growing demand and to expand the zoo's educational programs. A primary goal of this project is to achieve LEED (Leadership in Energy and Environmental Design) Certification at the Platinum Level (highest possible). The new facility will also become a major source of new revenue for the zoo.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Civic Contributions Fund		187.0	15.0	60.0	75.0	-	-	-	-	75.0	-	262.0
General Fund: Certificates of Participation		1,882.2	2,117.8	-	2,117.8	-	-	-	-	2,117.8	-	4,000.0
Total		2,069.2	2,132.8	60.0	2,192.8	-	-	-	-	2,192.8	-	4,262.0



City of Tucson



Police

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Police

Five-Year Total: \$ 73,402,800

The Tucson Police Department's (TPD) Five-Year Capital Improvement Program will enhance the department's commitment to community-based policing, provide much needed space for staff, and upgrade support facilities. The five-year program of \$73.4 million is funded from certificates of participation and general obligation bonds. Major projects include the following:

- **Eastside Renovation:** Patrol Division East is responsible for the largest and fastest growing region in the city. Continued growth necessitates establishment of a new patrol facility in the northern portion of the current Patrol Division East. When the Traffic Section relocates to the new northwest building, it will vacate the facility on East Speedway. By funding this project, the city will provide the resources to refurbish the vacated building and make the renovated facility a community-friendly substation. Initial reviews indicate that the refurbishment will cost approximately \$5 million. The tentative completion date for the renovation is Fiscal Year 2009. Since the building is currently occupied, operating costs should not increase once the work is completed.
- **Evidence Facility:** A facility is being purchased and renovated to increase space for the storage of evidence and allow the department to relocate Identification Section staff and equipment. Currently, the two sections are out of space. Expansion is required to continue offering levels of service expected by the public. The total cost, including purchase of the facility, is \$15.6 million. The projected completion date is September 2007.
- **Police Headquarters Expansion:** As the city grows, the department will have to add both commissioned and support personnel to patrol the city, investigate crimes, and analyze evidence. These increased resources will require a significant expansion of Police Headquarters, which currently houses the Crime Laboratory, the Investigative Services Bureau, the Downtown Patrol Division, support functions, and management personnel. To support this expansion, TPD will take over the Fire Department's current headquarters when it relocates. Preliminary reviews indicate that the project would cost approximately \$47 million; however, that figure could change as a result of an in-depth analysis. The tentative completion date is Fiscal Year 2011.
- **Police Substation:** The city has purchased an existing building at the corner of Flowing Wells and Miracle Mile and begun renovation to replace the Rillito Substation. The relocation of the division will greatly increase the space available to Operations Division West personnel, provide additional meeting and class rooms, and allow the department to transfer the Traffic Section from its current location on East Speedway. The full cost for the new facility is \$24.3 million. The planned completion date for the project is July 2007.

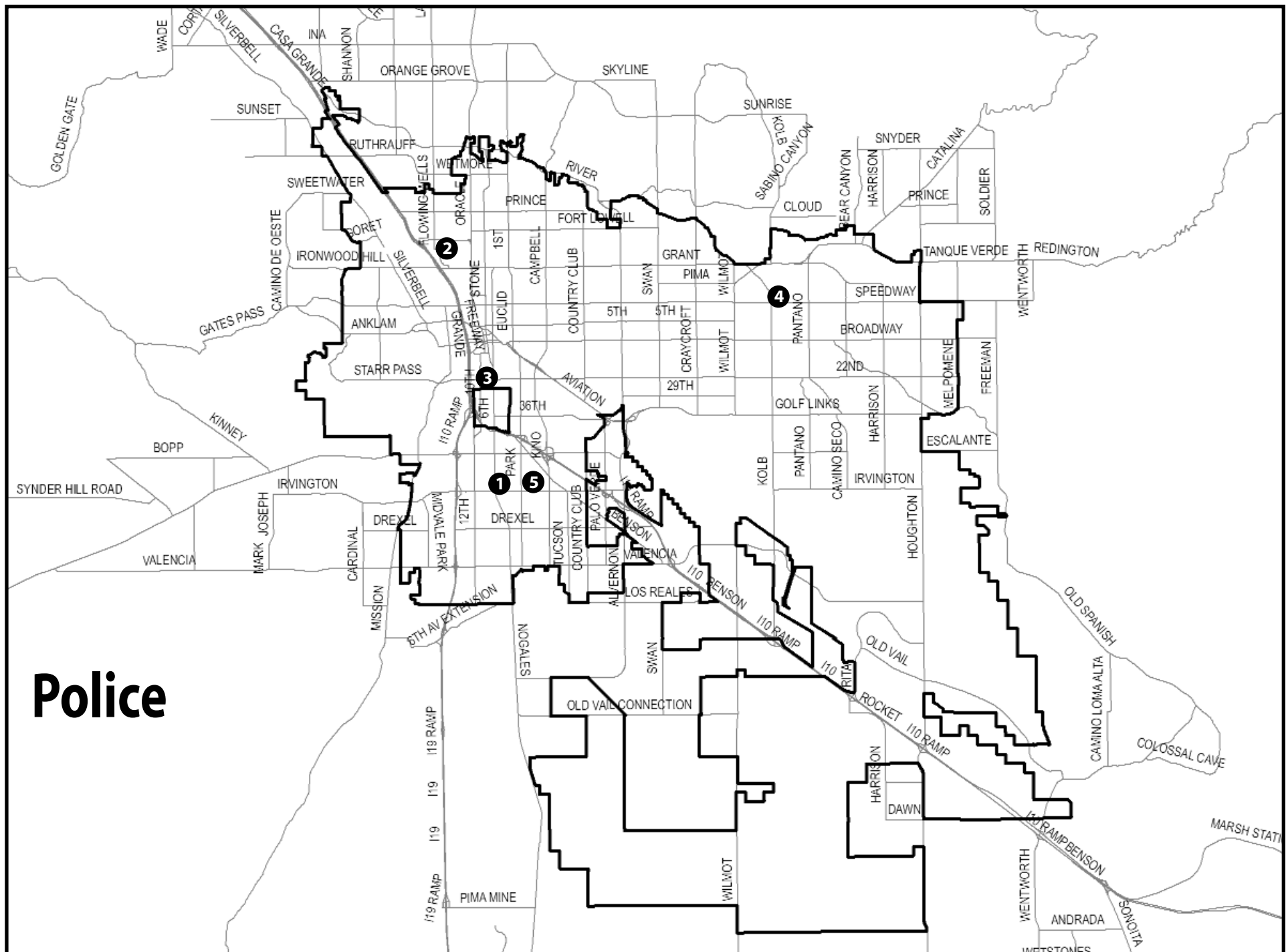
The five-year CIP has a projected annual impact on the operating budget of \$220,000 in Fiscal Year 2008 and increases to \$540,000 in Fiscal Year 2012.

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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
Evidence Facility	100.0	100.0	100.0	100.0	110.0	510.0
Police Headquarters Expansion	-	-	-	150.0	300.0	450.0
Police Substation	120.0	120.0	120.0	120.0	130.0	610.0
Total	220.0	220.0	220.0	370.0	540.0	1,570.0
Source of Funds Summary						
General Fund	220.0	220.0	220.0	370.0	540.0	1,570.0
Total	220.0	220.0	220.0	370.0	540.0	1,570.0



Map Legend

Police

Project Name

Year to be
Completed

Project Name

Year to be
Completed

1. Evidence Facility

FY 2008

4. Eastside Renovation

FY 2009

2. Police Substation

FY 2008

5. Police Field Support Equipment

FY 2008

3. Police Headquarters Expansion

FY 2011

Police

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Eastside Renovation											
General Fund: Certificates of Participation	200.0	-	300.0	300.0	4,500.0	-	-	-	4,800.0	-	5,000.0
	<u>200.0</u>	<u>-</u>	<u>300.0</u>	<u>300.0</u>	<u>4,500.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>4,800.0</u>	<u>-</u>	<u>5,000.0</u>
Evidence Facility											
General Fund: Certificates of Participation	5,200.9	3,000.0	7,399.1	10,399.1	-	-	-	-	10,399.1	-	15,600.0
	<u>5,200.9</u>	<u>3,000.0</u>	<u>7,399.1</u>	<u>10,399.1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>10,399.1</u>	<u>-</u>	<u>15,600.0</u>
Police Field Support Equipment											
General Fund: Certificates of Participation	-	150.0	1,350.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0
	<u>-</u>	<u>150.0</u>	<u>1,350.0</u>	<u>1,500.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,500.0</u>	<u>-</u>	<u>1,500.0</u>
Police Headquarters Expansion											
General Fund: Certificates of Participation	200.0	-	4,500.0	4,500.0	10,300.0	27,000.0	5,000.0	-	46,800.0	-	47,000.0
	<u>200.0</u>	<u>-</u>	<u>4,500.0</u>	<u>4,500.0</u>	<u>10,300.0</u>	<u>27,000.0</u>	<u>5,000.0</u>	<u>-</u>	<u>46,800.0</u>	<u>-</u>	<u>47,000.0</u>
Police Substation											
2000 General Obligation Bond Funds	6,255.3	-	-	-	-	-	-	-	-	-	6,255.3
General Fund: Certificates of Participation	8,160.6	6,598.6	3,305.1	9,903.7	-	-	-	-	9,903.7	-	18,064.3
	<u>14,415.9</u>	<u>6,598.6</u>	<u>3,305.1</u>	<u>9,903.7</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>9,903.7</u>	<u>-</u>	<u>24,319.6</u>
Department Total	20,016.8	9,748.6	16,854.2	26,602.8	14,800.0	27,000.0	5,000.0	-	73,402.8	-	93,419.6
Source of Funds Summary											
2000 General Obligation Bond Funds	6,255.3	-	-	-	-	-	-	-	-	-	6,255.3
General Fund: Certificates of Participation	13,761.5	9,748.6	16,854.2	26,602.8	14,800.0	27,000.0	5,000.0	-	73,402.8	-	87,164.3
Department Total	20,016.8	9,748.6	16,854.2	26,602.8	14,800.0	27,000.0	5,000.0	-	73,402.8	-	93,419.6

Police

(\$000)

Police Field Support Equipment Description: Acquire operational support equipment, and add a training area for newly hired staff.										Project ID: P017 Start Date: 3/07 End Date: 1/08 Location: Citywide		
Justification: These funds will provide the department with the operational capability to add a sixth field division as the city's area and population continue to grow. The funds will also allow the department to expand the area available for training without interfering with the day-to-day operations.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
General Fund: Certificates of Participation	-	150.0	1,350.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0	
Total	-	150.0	1,350.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0	

Police Headquarters Expansion										Project ID: P015		
Description: Design and construct an expansion of Police Headquarters to provide additional space for the Crime Laboratory, investigative staff, the Downtown Patrol Division, and department administrative personnel.										Start Date: 7/06		
										End Date: 1/11		
										Location: Ward 1		
Justification: As the city continues to grow, the department will have to add both commissioned and support personnel to patrol the city, investigate crimes, analyze evidence, and manage additional human and material resources. The added staff will require additional space to carry out their responsibilities in an acceptable manner.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
General Fund: Certificates of Participation	200.0	-	4,500.0	4,500.0	10,300.0	27,000.0	5,000.0	-	46,800.0	-	47,000.0	
Total	200.0	-	4,500.0	4,500.0	10,300.0	27,000.0	5,000.0	-	46,800.0	-	47,000.0	

Police

(\$000)

<div><div>Police Substation Description: Acquire property, design, and construct a new substation to replace the existing Rillito Substation. This project was previously fully-funded from the 2000 bond authorization; however, the original project estimate of \$6.5 million assumed location on city-owned property. No city-owned land provided a suitable site for the new substation. As a result, the project budget increased to cover the cost of land and facility acquisition and renovation. Higher construction costs also increased the budget. Justification: The existing Rillito Substation is too small for the staff assigned to the facility, doesn't have sufficient space or parking for continued growth, and is not easily accessible or convenient to the public.</div><div>Project ID: P006 Start Date: 7/01 End Date: 7/07 Location: Ward 3</div></div>											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	6,255.3	-	-	-	-	-	-	-	-	-	6,255.3
General Fund: Certificates of Participation	8,160.6	6,598.6	3,305.1	9,903.7	-	-	-	-	9,903.7	-	18,064.3
Total	14,415.9	6,598.6	3,305.1	9,903.7	-	-	-	-	9,903.7	-	24,319.6



City of Tucson



Transportation

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Transportation

Five-Year Total: \$ 419,788,600

Transportation's Capital Improvement Program (CIP) of \$419.8 million funds improvements for a multi-modal transportation system and infrastructure designed to attract industry and protect neighborhoods. The program is divided into six areas: Drainage, Parking Garages, Public Transit, Street Lighting, Streets, and Traffic Signals. Regional Transportation Authority (RTA) supported projects are included in the Streets, Traffic Signals, and Transit elements.

Drainage. The Drainage Program of \$15.9 million is based on the Tucson Stormwater Management Study and emphasizes the protection of neighborhoods and naturally-vegetated watercourses. Projects are primarily funded with contributions from Pima County.

Parking Garages. The Parking Garages Program of \$10.3 million provides for the addition of a garage and the improvements to existing parking garages managed by ParkWise. Projects are funded with certificates of participation and parking revenues.

Public Transit. The Public Transit Program of \$100.4 million replaces Sun Tran and Van Tran fleet vehicles, and upgrades and constructs facilities to support transit operations. This budget provides \$6.4 million funding for the Sun Tran Maintenance Facility from the RTA. This program is primarily funded with federal grants, which have local matches provided by a General Fund subsidy.

Street Lighting. The Street Lighting Program of \$2.1 million constructs street lighting projects 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 primarily funded from city's general obligation bonds. Fiscal Year 2008 has \$0.5 million funding from Pima County Bonds. Fiscal Years 2009 through 2012 are primarily funded with HURF (Highway User Revenue Fund, state-shared gasoline taxes).

Streets. The Streets Program of \$283.2 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 federal grants, Pima County bonds, and regional transportation funds allocated by the Pima Association of Governments. Also included is budget capacity for the implementation of RTA supported project resulting from the voter-approved $\frac{1}{2}\%$ sales tax.

Traffic Signals. The Traffic Signals Program of \$7.9 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 and deployment of Intelligent Transportation System. Projects are primarily funded with federal grants.

The impact of this five-year CIP on future operating budgets is estimated to be \$0.3 million in Fiscal Year 2008, increasing to \$1.8 million in Fiscal Year 2012.

**2000 General Obligation and/or 2000 Street & Highways
Bond Authorization
New and Deleted Projects in the FY 2008-2012 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.

	<u>Project Total</u>	
Newly Created 2000 Bond Project		
Fort Lowell: Oracle to Country Club	\$ 263.0	
Newly Created Projects Total	\$ 263.0	
	<u>Previous Allocation</u>	<u>Current Funding Source</u>
Project No Longer Funded by 2000 Bond Authorization		
Mission View Wash Detention/Retention Facility	\$ 200.0	Transferred to Pima County
No Longer Funded with 2000 Bonds Total	\$ 200.0	

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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
1st Avenue: Prince Road to River Road	10.6	10.7	10.8	10.9	11.0	54.0
6th Avenue: 18th Street Intersection	30.0	30.0	30.0	30.0	30.0	150.0
Alternate Modes Improvements	-	-	25.0	9.0	-	34.0
Anklam Road Traffic Safety Improvements	20.0	-	-	12.0	-	32.0
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	1.0	4.0
Changeable Message Signs	-	2.5	2.5	2.5	2.5	10.0
Depot Plaza Parking Garage	-	216.0	216.0	216.0	216.0	864.0
Ft. Lowell: Campbell Intersection Improvements	-	5.0	5.0	5.0	5.0	20.0
Golf Links: Wilmot Intersection Improvements	-	5.0	5.0	5.0	5.0	20.0
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	160.0
High School Wash	-	5.0	5.0	5.0	5.0	20.0
Highland Avenue Bike and Pedestrian Improvements	10.0	10.0	10.0	10.0	10.0	50.0
Houghton Road Bridge Replacement	-	-	-	12.0	12.0	24.0
Houghton Road: I-10 to Valencia	-	-	-	108.0	108.0	216.0
Houghton Road: Old Spanish Trail to Valencia	-	-	-	126.0	126.0	252.0
Houghton Road: Speedway to Old Spanish Trail	-	-	-	66.0	66.0	132.0
Intelligent Transportation System: ER Link	150.0	165.0	181.5	200.0	220.0	916.5
Living Transportation Laboratory	4.0	4.0	4.0	4.0	4.0	20.0
Mountain Avenue: Roger Road to Ft. Lowell Road	-	40.0	40.0	40.0	40.0	160.0
Oracle and Drachman Main Intersection	-	-	6.0	6.0	6.0	18.0
Presidio Trail ADA Improvements	-	1.0	1.0	1.0	1.0	4.0
South 4th Avenue Streetscape Enhancement	5.0	5.0	5.0	5.0	5.0	25.0
Speedway and Main Intersection Improvements	-	-	12.0	12.0	12.0	36.0
Speedway: Camino Seco to Houghton	-	-	-	-	96.0	96.0
Starr Pass: Mission Intersection Improvements	-	12.0	12.0	12.0	12.0	48.0
Stone Ave: Drachman and Speedway Improvements	-	-	24.0	24.0	24.0	72.0
Stone Avenue: 6th Street to Speedway	10.0	10.0	10.0	10.0	10.0	50.0
Stone Avenue: Pedestrian Safety Improvements	30.0	30.0	30.0	30.0	30.0	150.0
Sun Tran Maintenance Facility	-	-	-	-	639.7	639.7
Transit Headquarters	62.0	64.0	66.0	70.0	-	262.0
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	331.6	680.2	780.8	1,111.4	1,776.2	4,680.2
Source of Funds Summary						
Highway User Revenue Fund	269.6	400.2	498.8	825.4	920.5	2,914.5
Mass Transit Fund: General Fund Transfer	62.0	64.0	66.0	70.0	-	262.0
Parkwise: Fees and Charges	-	216.0	216.0	216.0	216.0	864.0
Regional Transportation Authority Fund	-	-	-	-	639.7	639.7
Total	331.6	680.2	780.8	1,111.4	1,776.2	4,680.2

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
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		
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
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.



Map Legend
Transportation

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
Drainage - projects indicated within a 		Streets - projects indicated within a 	
1. Columbus Wash Drainage Relief, Phase II	FY 2008	1. Barraza-Aviation Parkway: 4th Avenue Underpass	FY 2010
		2. Grant and Craycroft Intersection Improvement	FY 2008
		3. Mountain Avenue: Roger Road to Ft. Lowell Road	FY 2009

Transportation

Five-Year Capital Improvement Program

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Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Transportation - Drainage	13,405.3	6,474.6	7,222.6	13,697.2	2,200.0	-	-	-	15,897.2	-	29,302.5
Transportation - Parking Garages	412.8	139.0	10,026.9	10,165.9	163.8	-	-	-	10,329.7	-	10,742.5
Transportation - Public Transit	15,869.9	26,931.4	30,414.0	57,345.4	16,022.2	10,359.3	8,499.8	8,140.7	100,367.4	-	116,237.3
Transportation - Street Lighting	352.3	1,069.0	413.0	1,482.0	150.0	150.0	150.0	150.0	2,082.0	-	2,434.3
Transportation - Streets	40,375.4	25,478.4	54,530.8	80,009.2	55,931.2	46,959.5	65,750.1	34,535.1	283,185.1	108,209.0	431,769.5
Transportation - Traffic Signals	3,095.7	1,206.7	3,930.5	5,137.2	1,340.0	1,430.0	20.0	-	7,927.2	-	11,022.9
Department Total	73,511.4	61,299.1	106,537.8	167,836.9	75,807.2	58,898.8	74,419.9	42,825.8	419,788.6	108,209.0	601,509.0

Transportation

Five-Year Capital Improvement Program

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Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Source of Funds Summary											
1994 General Obligation Bond Funds	4,781.1	-	-	-	-	-	-	-	-	-	4,781.1
1994 Street and Highway Revenue Bond Funds	825.2	-	-	-	-	-	-	-	-	-	825.2
2000 General Obligation Bond Funds	12,163.4	4,510.6	1,085.6	5,596.2	-	-	-	-	5,596.2	-	17,759.6
2000 Street and Highway Revenue Bond Funds	1,740.1	63.2	-	63.2	-	-	-	-	63.2	-	1,803.3
Capital Agreement Fund	120.5	-	150.5	150.5	-	-	-	-	150.5	-	271.0
Capital Agreement Fund: PAG	18,027.0	14,436.0	6,879.0	21,315.0	4,000.0	5,200.0	4,000.0	-	34,515.0	-	52,542.0
Capital Agreement Fund: Pima County Bonds	2,199.7	2,000.0	4,500.0	6,500.0	10,211.2	4,500.0	14,850.1	1,785.1	37,846.4	-	40,046.1
Capital Agreement Fund: Pima County Contribution	567.0	2,233.0	6,400.0	8,633.0	2,200.0	-	-	-	10,833.0	-	11,400.0
Federal Highway Administration Grants	12,984.0	7,664.1	13,261.9	20,926.0	7,190.0	8,867.0	4,020.0	5,000.0	46,003.0	-	58,987.0
General Fund	121.1	-	-	-	-	-	-	-	-	-	121.1
General Fund: Certificates of Participation	-	4,000.0	16,000.0	20,000.0	-	-	-	-	20,000.0	-	20,000.0
Highway User Revenue Fund	4,648.2	1,387.1	1,258.4	2,645.5	1,006.4	4,093.9	10,006.4	1,721.4	19,473.6	-	24,121.8
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	639.2	182.0	1,200.0	1,382.0	1,200.0	1,200.0	1,000.0	1,000.0	5,782.0	-	6,421.2
Highway User Revenue Fund: Restricted, Section D	360.2	-	-	-	-	-	-	-	-	-	360.2
Mass Transit Fund: Federal Grants	11,467.7	19,861.1	10,779.8	30,640.9	11,605.4	8,499.3	6,636.6	6,777.5	64,159.7	-	75,627.4
Mass Transit Fund: General Fund Transfer	205.1	2,874.0	1,332.3	4,206.3	1,335.4	1,338.6	1,341.8	1,341.8	9,563.9	-	9,769.0
Parkwise: Certificates of Participation	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0
Parkwise: Fees and Charges	412.8	139.0	226.9	365.9	163.8	-	-	-	529.7	-	942.5
Regional Transportation Authority Fund	1,649.0	1,949.0	17,495.0	19,444.0	25,000.0	25,000.0	32,365.0	25,000.0	126,809.0	108,209.0	236,667.0
Road & Park Impact Fee Fund: Central District	-	-	2,481.5	2,481.5	-	-	-	-	2,481.5	-	2,481.5
Road & Park Impact Fee Fund: East District	-	-	1,712.7	1,712.7	1,450.0	-	-	-	3,162.7	-	3,162.7
Road & Park Impact Fee Fund: Southeast District	-	-	1,832.5	1,832.5	250.0	-	-	-	2,082.5	-	2,082.5
Road & Park Impact Fee Fund: Southlands District	-	-	2,952.4	2,952.4	-	-	-	-	2,952.4	-	2,952.4
Road & Park Impact Fee Fund: West District	600.0	-	1,984.3	1,984.3	1,000.0	-	-	-	2,984.3	-	3,584.3
State Infrastructure Bank Federal Pass-Through	-	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	14,000.0
Department Total	73,511.4	61,299.1	106,537.8	167,836.9	75,807.2	58,898.8	74,419.9	42,825.8	419,788.6	108,209.0	601,509.0

Transportation - Drainage

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Alamo Wash Drainage Improvements											
2000 General Obligation Bond Funds	225.0	1,875.0	700.0	2,575.0	-	-	-	-	2,575.0	-	2,800.0
	225.0	1,875.0	700.0	2,575.0	-	-	-	-	2,575.0	-	2,800.0
Arroyo Chico Drainage Improvements											
2000 General Obligation Bond Funds	6,762.1	107.1	-	107.1	-	-	-	-	107.1	-	6,869.2
Capital Agreement Fund: Pima County Contribution	200.0	-	-	-	-	-	-	-	-	-	200.0
	6,962.1	107.1	-	107.1	-	-	-	-	107.1	-	7,069.2
Columbus Wash Drainage Relief, Phase II											
2000 General Obligation Bond Funds	3,682.5	1,729.5	-	1,729.5	-	-	-	-	1,729.5	-	5,412.0
Capital Agreement Fund: Pima County Contribution	-	2,000.0	4,400.0	6,400.0	-	-	-	-	6,400.0	-	6,400.0
	3,682.5	3,729.5	4,400.0	8,129.5	-	-	-	-	8,129.5	-	11,812.0
High School Wash											
Highway User Revenue Fund	150.0	350.0	-	350.0	-	-	-	-	350.0	-	500.0
	150.0	350.0	-	350.0	-	-	-	-	350.0	-	500.0
Navajo Wash Drainage Improvements											
Capital Agreement Fund: Pima County Contribution	367.0	233.0	2,000.0	2,233.0	2,200.0	-	-	-	4,433.0	-	4,800.0
	367.0	233.0	2,000.0	2,233.0	2,200.0	-	-	-	4,433.0	-	4,800.0

Transportation - Drainage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Park Avenue Detention Basin, Phase II											
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	781.1
2000 General Obligation Bond Funds	1,237.5	180.0	122.6	302.6	-	-	-	-	302.6	-	1,540.1
	2,018.7	180.0	122.6	302.6	-	-	-	-	302.6	-	2,321.3
Program Area Total	13,405.3	6,474.6	7,222.6	13,697.2	2,200.0	-	-	-	15,897.2	-	29,302.5
Source of Funds Summary											
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	781.1
2000 General Obligation Bond Funds	11,907.2	3,891.6	822.6	4,714.2	-	-	-	-	4,714.2	-	16,621.4
Capital Agreement Fund: Pima County Contribution	567.0	2,233.0	6,400.0	8,633.0	2,200.0	-	-	-	10,833.0	-	11,400.0
Highway User Revenue Fund	150.0	350.0	-	350.0	-	-	-	-	350.0	-	500.0
Program Area Total	13,405.3	6,474.6	7,222.6	13,697.2	2,200.0	-	-	-	15,897.2	-	29,302.5

Transportation - Drainage

(\$000)

Alamo Wash Drainage Improvements Description: Design and construct box culverts within neighborhoods throughout the entire reach of the Alamo Wash. Justification: These improvements will address safety and access needs were identified as high priorities in the Tucson Stormwater Management Study.									Project ID: S080 Start Date: 7/03 End Date: 6/08 Location: Wards 2 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	225.0	1,875.0	700.0	2,575.0	-	-	-	-	2,575.0	-	2,800.0
Total	225.0	1,875.0	700.0	2,575.0	-	-	-	-	2,575.0	-	2,800.0

Arroyo Chico Drainage Improvements Description: Design and construct drainage improvements on Timrod Street between Alvernon Way and Columbus Boulevard. Justification: These improvements were identified as high priorities in the Tucson Stormwater Management Study.									Project ID: S040 Start Date: 7/01 End Date: 6/08 Location: Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	6,762.1	107.1	-	107.1	-	-	-	-	107.1	-	6,869.2
Capital Agreement Fund: Pima County Contribution	200.0	-	-	-	-	-	-	-	-	-	200.0
Total	6,962.1	107.1	-	107.1	-	-	-	-	107.1	-	7,069.2

Transportation - Drainage

(\$000)

Columbus Wash Drainage Relief, Phase II										Project ID: S407		
Description: Design and construct the final phase of the Columbus Wash project, which includes the extension of the storm drain system upstream along the possible alignment of Belvedere Road to south of Speedway Boulevard. The Pima County Flood Control District is providing funding of \$6.4 million.												
Justification: When the project is completed, the floodplain map will be revised; numerous properties will no longer be within the floodplain boundaries.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 General Obligation Bond Funds	3,682.5	1,729.5	-	1,729.5	-	-	-	-	1,729.5	-	5,412.0	
Capital Agreement Fund: Pima County Contribution	-	2,000.0	4,400.0	6,400.0	-	-	-	-	6,400.0	-	6,400.0	
Total	3,682.5	3,729.5	4,400.0	8,129.5	-	-	-	-	8,129.5	-	11,812.0	

High School Wash										Project ID: S063		
Description: Construct emergency bank protection improvments to various sections of High School Wash.												
Justification: This project will eliminate the damage from street flooding that has been causing loss of private property.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Highway User Revenue Fund	150.0	350.0	-	350.0	-	-	-	-	350.0	-	500.0	
Total	150.0	350.0	-	350.0	-	-	-	-	350.0	-	500.0	

Transportation - Drainage

(\$000)

<div><div>Navajo Wash Drainage Improvements</div><div><div>Description:</div><div>Design and construct drainage improvements along the Navajo Wash between Oracle Road and Mountain Avenue.</div></div><div><div>Justification:</div><div>These improvements will address safety and access needs and were identified as high priorities in the Tucson Stormwater Management Study.</div></div></div>										<div>Project ID: S086</div> <div>Start Date: 7/05</div> <div>End Date: 6/09</div> <div>Location: Ward 3</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Contribution		367.0	233.0	2,000.0	2,233.0	2,200.0	-	-	-	4,433.0	-	4,800.0
Total		367.0	233.0	2,000.0	2,233.0	2,200.0	-	-	-	4,433.0	-	4,800.0

<div><div>Park Avenue Detention Basin, Phase II</div><div>Description: Design and construct a flood control basin that incorporates recreation and habitat preservation into a community park. This is a U.S. Army Corps of Engineers' project with Pima County Flood Control District as the local sponsor. The U.S. Army Corps of Engineers requires that local entities pay for land acquisition and preferred options, such as recreation and habitat preservation.</div><div>Justification: This second phase of a jointly sponsored project will remove approximately 1,400 properties from the 100-year floodplain, relieving property owners of the requirement to purchase flood insurance.</div></div>									<div>Project ID: S400</div> <div>Start Date: 7/97</div> <div>End Date: 6/08</div> <div>Location: Wards 1, 5, and 6</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	781.1
2000 General Obligation Bond Funds	1,237.5	180.0	122.6	302.6	-	-	-	-	302.6	-	1,540.1
Total	2,018.7	180.0	122.6	302.6	-	-	-	-	302.6	-	2,321.3

Transportation - Parking Garages

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
City/State Parking Garage Improvements											
Parkwise: Fees and Charges	329.0	100.0	156.9	256.9	163.8	-	-	-	420.7	-	749.7
	329.0	100.0	156.9	256.9	163.8	-	-	-	420.7	-	749.7
Depot Plaza Parking Garage											
Parkwise: Certificates of Participation	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0
	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0
Main Library Parking Garage Improvements											
Parkwise: Fees and Charges	83.7	39.0	70.0	109.0	-	-	-	-	109.0	-	192.7
	83.7	39.0	70.0	109.0	-	-	-	-	109.0	-	192.7
Program Area Total	412.8	139.0	10,026.9	10,165.9	163.8	-	-	-	10,329.7	-	10,742.5
Source of Funds Summary											
Parkwise: Certificates of Participation	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0
Parkwise: Fees and Charges	412.8	139.0	226.9	365.9	163.8	-	-	-	529.7	-	942.5
Program Area Total	412.8	139.0	10,026.9	10,165.9	163.8	-	-	-	10,329.7	-	10,742.5

Transportation - Parking Garages

(\$000)

City/State Parking Garage Improvements Description: Design and construct improvements to the City/State Parking Garage at 498 West Congress. Improvements will include repairing structural elements and installing supplemental floor drains. Justification: The facility is over 20 years old, and these modifications are necessary to maintain the structural safety and lengthen the useful life of the structure.									Project ID: K111 Start Date: 7/04 End Date: 6/09 Location: Ward 1 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Parkwise: Fees and Charges	329.0	100.0	156.9	256.9	163.8	-	-	-	420.7	-	749.7
Total	329.0	100.0	156.9	256.9	163.8	-	-	-	420.7	-	749.7

Depot Plaza Parking Garage Description: Design and construct a two story, 300 space underground parking structure for the Depot Plaza redevelopment project. The design will be done in conjunction with the Martin Luther King housing tower. The city will own and operate the garage. Rio Nuevo will contribute funds for design and debt repayment. Justification: As part of the City of Tucson's application for Hope VI funds for the Martin Luther King Redevelopment, the city committed to leveraging additional downtown development, including this parking structure.									Project ID: K113 Start Date: 7/07 End Date: 6/08 Location: Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Parkwise: Certificates of Participation	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0
Total	-	-	9,800.0	9,800.0	-	-	-	-	9,800.0	-	9,800.0

Transportation - Public Transit

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
ADA Transit Enhancements											
Highway User Revenue Fund	-	20.5	1.9	22.4	21.4	21.4	21.4	21.4	108.0	-	108.0
Mass Transit Fund: Federal Grants	-	82.0	7.6	89.6	85.6	85.6	85.6	85.6	432.0	-	432.0
	-	102.5	9.5	112.0	107.0	107.0	107.0	107.0	540.0	-	540.0
Automated Vehicle Locating System											
Mass Transit Fund: Federal Grants	321.2	321.5	-	321.5	-	-	-	-	321.5	-	642.7
Mass Transit Fund: General Fund Transfer	9.7	80.4	-	80.4	-	-	-	-	80.4	-	90.1
	330.8	401.9	-	401.9	-	-	-	-	401.9	-	732.7
Bus Shelters											
Highway User Revenue Fund	75.9	5.8	-	5.8	-	-	-	-	5.8	-	81.7
Mass Transit Fund: Federal Grants	110.5	369.0	-	369.0	-	-	-	-	369.0	-	479.5
Mass Transit Fund: General Fund Transfer	3.1	-	-	-	-	-	-	-	-	-	3.1
	189.5	374.8	-	374.8	-	-	-	-	374.8	-	564.3
Compressed Natural Gas Facility											
Mass Transit Fund: Federal Grants	308.5	104.0	-	104.0	-	-	-	-	104.0	-	412.5
Mass Transit Fund: General Fund Transfer	77.1	26.0	-	26.0	-	-	-	-	26.0	-	103.1
	385.6	130.0	-	130.0	-	-	-	-	130.0	-	515.6
Contingency Local Match for Future Grants											
Mass Transit Fund: General Fund Transfer	-	-	1,050.2	1,050.2	-	-	-	-	1,050.2	-	1,050.2
	-	-	1,050.2	1,050.2	-	-	-	-	1,050.2	-	1,050.2
Downtown Intermodal Center, Phase IV											
Mass Transit Fund: Federal Grants	1,264.9	1,241.2	-	1,241.2	-	-	-	-	1,241.2	-	2,506.1
	1,264.9	1,241.2	-	1,241.2	-	-	-	-	1,241.2	-	2,506.1
Expansion Vans for Van Tran											
Mass Transit Fund: Federal Grants	-	449.8	16.8	466.6	-	-	-	-	466.6	-	466.6
Mass Transit Fund: General Fund Transfer	-	95.6	-	95.6	-	-	-	-	95.6	-	95.6
	-	545.4	16.8	562.2	-	-	-	-	562.2	-	562.2

Transportation - Public Transit

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Greyhound Transit Center											
General Fund: Certificates of Participation	-	4,000.0	16,000.0	20,000.0	-	-	-	-	20,000.0	-	20,000.0
	-	4,000.0	16,000.0	20,000.0	-	-	-	-	20,000.0	-	20,000.0
Replacement Buses for Sun Tran											
Mass Transit Fund: Federal Grants	-	6,276.7	1,318.2	7,594.9	5,808.5	5,921.5	4,267.7	4,138.8	27,731.4	-	27,731.4
Mass Transit Fund: General Fund Transfer	-	1,285.6	270.0	1,555.6	1,189.7	1,212.6	874.1	847.7	5,679.7	-	5,679.7
	-	7,562.3	1,588.2	9,150.5	6,998.2	7,134.1	5,141.8	4,986.5	33,411.1	-	33,411.1
Replacement Vans for Van Tran											
Mass Transit Fund: Federal Grants	-	4,968.5	1,564.9	6,533.4	711.3	556.1	2,283.3	2,353.1	12,437.2	-	12,437.2
Mass Transit Fund: General Fund Transfer	-	1,017.5	-	1,017.5	145.7	113.9	467.7	482.0	2,226.8	-	2,226.8
	-	5,986.0	1,564.9	7,550.9	857.0	670.0	2,751.0	2,835.1	14,664.0	-	14,664.0
Ronstadt Transit Center											
Mass Transit Fund: Federal Grants	-	2,912.6	-	2,912.6	-	-	-	-	2,912.6	-	2,912.6
	-	2,912.6	-	2,912.6	-	-	-	-	2,912.6	-	2,912.6
Sun Tran Maintenance Facility											
1994 General Obligation Bond Funds	4,000.0	-	-	-	-	-	-	-	-	-	4,000.0
General Fund	121.1	-	-	-	-	-	-	-	-	-	121.1
Mass Transit Fund: Federal Grants	5,423.6	1,660.0	3,450.0	5,110.0	5,000.0	1,736.1	-	-	11,846.1	-	17,269.7
Mass Transit Fund: General Fund Transfer	28.4	-	-	-	-	-	-	-	-	-	28.4
Regional Transportation Authority Fund	-	-	2,300.0	2,300.0	3,060.0	500.0	500.0	-	6,360.0	-	6,360.0
	9,573.1	1,660.0	5,750.0	7,410.0	8,060.0	2,236.1	500.0	-	18,206.1	-	27,779.2
Transit Alternatives Analysis											
Highway User Revenue Fund	-	170.0	-	170.0	-	-	-	-	170.0	-	170.0
Mass Transit Fund: Federal Grants	144.2	1,475.8	3,400.0	4,875.8	-	-	-	-	4,875.8	-	5,020.0
Mass Transit Fund: General Fund Transfer	36.1	368.9	-	368.9	-	-	-	-	368.9	-	405.0
	180.3	2,014.7	3,400.0	5,414.7	-	-	-	-	5,414.7	-	5,595.0

Transportation - Public Transit

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Transit Enhancement Program											
Mass Transit Fund: Federal Grants	-	-	200.0	200.0	-	200.0	-	200.0	600.0	-	600.0
Mass Transit Fund: General Fund Transfer	-	-	12.1	12.1	-	12.1	-	12.1	36.3	-	36.3
	-	-	212.1	212.1	-	212.1	-	212.1	636.3	-	636.3
Transit Headquarters Improvements											
Mass Transit Fund: Federal Grants	3,894.9	-	822.3	822.3	-	-	-	-	822.3	-	4,717.2
Mass Transit Fund: General Fund Transfer	50.7	-	-	-	-	-	-	-	-	-	50.7
	3,945.6	-	822.3	822.3	-	-	-	-	822.3	-	4,767.9
Program Area Total	15,869.9	26,931.4	30,414.0	57,345.4	16,022.2	10,359.3	8,499.8	8,140.7	100,367.4	-	116,237.3
Source of Funds Summary											
1994 General Obligation Bond Funds	4,000.0	-	-	-	-	-	-	-	-	-	4,000.0
General Fund	121.1	-	-	-	-	-	-	-	-	-	121.1
General Fund: Certificates of Participation	-	4,000.0	16,000.0	20,000.0	-	-	-	-	20,000.0	-	20,000.0
Highway User Revenue Fund	75.9	196.3	1.9	198.2	21.4	21.4	21.4	21.4	283.8	-	359.7
Mass Transit Fund: Federal Grants	11,467.7	19,861.1	10,779.8	30,640.9	11,605.4	8,499.3	6,636.6	6,777.5	64,159.7	-	75,627.4
Mass Transit Fund: General Fund Transfer	205.1	2,874.0	1,332.3	4,206.3	1,335.4	1,338.6	1,341.8	1,341.8	9,563.9	-	9,769.0
Regional Transportation Authority Fund	-	-	2,300.0	2,300.0	3,060.0	500.0	500.0	-	6,360.0	-	6,360.0
Program Area Total	15,869.9	26,931.4	30,414.0	57,345.4	16,022.2	10,359.3	8,499.8	8,140.7	100,367.4	-	116,237.3

Transportation - Public Transit

(\$000)

ADA Transit Enhancements										Project ID: M013C		
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Highway User Revenue Fund	-	20.5	1.9	22.4	21.4	21.4	21.4	21.4	108.0	-	108.0	
Mass Transit Fund: Federal Grants	-	82.0	7.6	89.6	85.6	85.6	85.6	85.6	432.0	-	432.0	
Total	-	102.5	9.5	112.0	107.0	107.0	107.0	107.0	540.0	-	540.0	

Automated Vehicle Locating System										Project ID: M830		
Description: Acquire a communication system, which in combination with the enhanced radios and bus shelters, will serve to bring riders from neighborhoods to the fixed route transit system.												
Justification: This project will enable computer-to-computer communication between revenue vehicles and dispatch operators as well as provide automated vehicle locating capability.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: Federal Grants	321.2	321.5	-	321.5	-	-	-	-	321.5	-	642.7	
Mass Transit Fund: General Fund Transfer	9.7	80.4	-	80.4	-	-	-	-	80.4	-	90.1	
Total	330.8	401.9	-	401.9	-	-	-	-	401.9	-	732.7	

Transportation - Public Transit

(\$000)

Bus Shelters										Project ID: M901		
Description: Design and construct bus shelters.										Start Date: 7/99		
										End Date: 6/08		
										Location: Citywide		
Justification: These improvements are intended to increase the use of alternate modes transportation and enhance existing transit operations.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Highway User Revenue Fund	75.9	5.8	-	5.8	-	-	-	-	5.8	-	81.7	
Mass Transit Fund: Federal Grants	110.5	369.0	-	369.0	-	-	-	-	369.0	-	479.5	
Mass Transit Fund: General Fund Transfer	3.1	-	-	-	-	-	-	-	-	-	3.1	
Total	189.5	374.8	-	374.8	-	-	-	-	374.8	-	564.3	

Compressed Natural Gas Facility										Project ID: M511		
Description: Rehabilitate and renovate Sun Tran's compressed natural gas (CNG) facility, including the upgrade or replacement of computer software and hardware.										Start Date: 7/06		
										End Date: 6/08		
										Location: Ward 5		
Justification: These upgrades will improve fueling efficiency and increase the CNG storage capacity on buses, which will extend route operating times between refuelings.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: Federal Grants	308.5	104.0	-	104.0	-	-	-	-	104.0	-	412.5	
Mass Transit Fund: General Fund Transfer	77.1	26.0	-	26.0	-	-	-	-	26.0	-	103.1	
Total	385.6	130.0	-	130.0	-	-	-	-	130.0	-	515.6	

Transportation - Public Transit

(\$000)

Contingency Local Match for Future Grants										Project ID: M008		
Description: Budget capacity for potential future congressional earmarks for projects such as bus replacements, transit facilities, transit alternative analysis, and maintenance facilities.										Start Date: 7/07		
										End Date: 6/08		
										Location: Citywide		
Justification: These funds provide the local match required to leverage federal funds by showing a local commitment.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: General Fund Transfer	-	-	1,050.2	1,050.2	-	-	-	-	1,050.2	-	1,050.2	
Total	-	-	1,050.2	1,050.2	-	-	-	-	1,050.2	-	1,050.2	
Downtown Intermodal Center, Phase IV										Project ID: M529		
Description: Continued development of the Downtown Intermodal Center. This phase provides funding for the feasibility analysis for a railroad spur and design, construction of siding and a platform immediately north of the inter-modal center, and Ronstadt Transit Center modifications.										Start Date: 7/05		
										End Date: 6/08		
										Location: Ward 2		
Justification: The Intermodal Center is intended to anchor and lead the revitalization of downtown Tucson.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: Federal Grants	1,264.9	1,241.2	-	1,241.2	-	-	-	-	1,241.2	-	2,506.1	
Total	1,264.9	1,241.2	-	1,241.2	-	-	-	-	1,241.2	-	2,506.1	

Transportation - Public Transit

(\$000)

Replacement Buses for Sun Tran										Project ID: M007C		
Description: Purchase approximately 80 replacement buses.										Start Date: Annual		
										End Date: Annual		
										Location: Citywide		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: Federal Grants	-	6,276.7	1,318.2	7,594.9	5,808.5	5,921.5	4,267.7	4,138.8	27,731.4	-	27,731.4	
Mass Transit Fund: General Fund Transfer	-	1,285.6	270.0	1,555.6	1,189.7	1,212.6	874.1	847.7	5,679.7	-	5,679.7	
Total	-	7,562.3	1,588.2	9,150.5	6,998.2	7,134.1	5,141.8	4,986.5	33,411.1	-	33,411.1	

Replacement Vans for Van Tran										Project ID: M012C		
Description: Purchase approximately 175 replacement vans.										Start Date: Annual		
										End Date: Annual		
										Location: Citywide		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: Federal Grants	-	4,968.5	1,564.9	6,533.4	711.3	556.1	2,283.3	2,353.1	12,437.2	-	12,437.2	
Mass Transit Fund: General Fund Transfer	-	1,017.5	-	1,017.5	145.7	113.9	467.7	482.0	2,226.8	-	2,226.8	
Total	-	5,986.0	1,564.9	7,550.9	857.0	670.0	2,751.0	2,835.1	14,664.0	-	14,664.0	

Transportation - Public Transit

(\$000)

Transit Alternatives Analysis									Project ID: M015C		
Description: Perform a mass transit alternatives analysis to determine the feasibility of light rail, bus rapid transit, or other transit services in designated major corridors. The analysis will provide information on the benefits, cost, and impacts of alternative strategies that will lead to the selection of a locally-preferred transit alternative.									Start Date: 7/06		
									End Date: 6/08		
									Location: Citywide		
Justification: The city has committed to performing this analysis of transit alternatives that could be proposed for federal funding. The analysis is a key planning tool for determining appropriate solutions to regional transportation issues.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Highway User Revenue Fund	-	170.0	-	170.0	-	-	-	-	170.0	-	170.0
Mass Transit Fund: Federal Grants	144.2	1,475.8	3,400.0	4,875.8	-	-	-	-	4,875.8	-	5,020.0
Mass Transit Fund: General Fund Transfer	36.1	368.9	-	368.9	-	-	-	-	368.9	-	405.0
Total	180.3	2,014.7	3,400.0	5,414.7	-	-	-	-	5,414.7	-	5,595.0

Transit Enhancement Program									Project ID: M018C		
Description: Design and construct improvements that will support the use of alternate modes, including bicycle lockers and bus shelters.									Start Date: 7/07		
									End Date: 6/12		
									Location: Citywide		
Justification: These improvements are intended to increase the use of alternate modes of transportation.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Mass Transit Fund: Federal Grants	-	-	200.0	200.0	-	200.0	-	200.0	600.0	-	600.0
Mass Transit Fund: General Fund Transfer	-	-	12.1	12.1	-	12.1	-	12.1	36.3	-	36.3
Total	-	-	212.1	212.1	-	212.1	-	212.1	636.3	-	636.3

Transportation - Public Transit

(\$000)

Transit Headquarters Improvements Description: Design and construct improvements to the Transit Headquarters at 149 North Stone Avenue. Justification: This facility will house activities that support the city's public transit system, including administrative and planning staff, the Americans with Disabilities Act (ADA) Regional Eligibility Office, bus pass sales, low-income bus pass certifications, paratransit ride voucher sales, and meeting and conference rooms.										Project ID: M016C Start Date: 7/03 End Date: 6/08 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Mass Transit Fund: Federal Grants	3,894.9	-	822.3	822.3	-	-	-	-	822.3	-	4,717.2	
Mass Transit Fund: General Fund Transfer	50.7	-	-	-	-	-	-	-	-	-	50.7	
Total	3,945.6	-	822.3	822.3	-	-	-	-	822.3	-	4,767.9	

Transportation - Street Lighting

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1st Avenue: Prince Road to River Road											
2000 General Obligation Bond Funds	256.2	619.0	-	619.0	-	-	-	-	619.0	-	875.2
	<u>256.2</u>	<u>619.0</u>	<u>-</u>	<u>619.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>619.0</u>	<u>-</u>	<u>875.2</u>
Electrical Systems Upgrades											
Highway User Revenue Fund	-	-	150.0	150.0	150.0	150.0	150.0	150.0	750.0	-	750.0
	<u>-</u>	<u>-</u>	<u>150.0</u>	<u>150.0</u>	<u>150.0</u>	<u>150.0</u>	<u>150.0</u>	<u>150.0</u>	<u>750.0</u>	<u>-</u>	<u>750.0</u>
Ft. Lowell Road: Oracle to Country Club											
2000 General Obligation Bond Funds	-	-	263.0	263.0	-	-	-	-	263.0	-	263.0
	<u>-</u>	<u>-</u>	<u>263.0</u>	<u>263.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>263.0</u>	<u>-</u>	<u>263.0</u>
Julia Keen Neighborhood Lighting											
Capital Agreement Fund: Pima County Bonds	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
	<u>-</u>	<u>150.0</u>	<u>-</u>	<u>150.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>150.0</u>	<u>-</u>	<u>150.0</u>
Midvale Park Neighborhood Lighting											
Capital Agreement Fund: Pima County Bonds	96.1	300.0	-	300.0	-	-	-	-	300.0	-	396.1
	<u>96.1</u>	<u>300.0</u>	<u>-</u>	<u>300.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>300.0</u>	<u>-</u>	<u>396.1</u>
Program Area Total	352.3	1,069.0	413.0	1,482.0	150.0	150.0	150.0	150.0	2,082.0	-	2,434.3
Source of Funds Summary											
2000 General Obligation Bond Funds	256.2	619.0	263.0	882.0	-	-	-	-	882.0	-	1,138.2
Capital Agreement Fund: Pima County Bonds	96.1	450.0	-	450.0	-	-	-	-	450.0	-	546.1
Highway User Revenue Fund	-	-	150.0	150.0	150.0	150.0	150.0	150.0	750.0	-	750.0
Program Area Total	352.3	1,069.0	413.0	1,482.0	150.0	150.0	150.0	150.0	2,082.0	-	2,434.3

Transportation - Street Lighting

(\$000)

1st Avenue: Prince Road to River Road Description: Design and construct 1.1 miles of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, fiber optic conduit, and traffic signal upgrades. Justification: This is the 5th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase III.									Project ID: S043 Start Date: 7/00 End Date: 6/08 Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	256.2	619.0	-	619.0	-	-	-	-	619.0	-	875.2
Total	256.2	619.0	-	619.0	-	-	-	-	619.0	-	875.2

Electrical Systems Upgrades Description: Replace existing direct-buried conductors with a conduit, wire, and pullbox system; replace residential low pressure sodium lights with high pressure sodium lights; modify obsolete lighting fixtures; replace outdated street lighting control cabinets; and upgrade to metal poles where needed. Justification: By replacing substandard lighting fixtures and providing uniformity within the city's street lighting system, this project will simplify maintenance requirements.									Project ID: S734 Start Date: Annual End Date: Annual Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Highway User Revenue Fund	-	-	150.0	150.0	150.0	150.0	150.0	150.0	750.0	-	750.0
Total	-	-	150.0	150.0	150.0	150.0	150.0	150.0	750.0	-	750.0

Transportation - Street Lighting

(\$000)

Ft. Lowell Road: Oracle to Country Club Description: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduit. Justification: This project has been identified as the next arterial segment to be lighted with May 2000 Street Lighting Bonds.									Project ID: S602 Start Date: 7/07 End Date: 6/08 Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 General Obligation Bond Funds	-	-	263.0	263.0	-	-	-	-	263.0	-	263.0
Total	-	-	263.0	263.0	-	-	-	-	263.0	-	263.0

Julia Keen Neighborhood Lighting Description: Design and construct street lighting systems on various streets in the Julia Keen Neighborhood within the boundary streets of 22nd Street, Alvernon, Aviation Highway, and Country Club Road. The neighborhood association applied for and received a Pima County Neighborhood Reinvestment grant. Justification: These improvements will improve vehicular and pedestrian safety in the neighborhood.									Project ID: S061 Start Date: 12/06 End Date: 6/08 Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Total	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0

Transportation - Street Lighting

(\$000)

<div><div>Midvale Park Neighborhood Lighting</div><div><div>Description:</div><div>Design and construct street lighting systems along Midvale Park Road and Oaktree Drive, in the Midvale Park neighborhood. The neighborhood association applied for and received a Pima County Neighborhood Reinvestment grant.</div></div><div><div>Justification:</div><div>These improvements will improve vehicular and pedestrian safety in the neighborhood.</div></div></div>										<div>Project ID: S064</div> <div>Start Date: 12/06</div> <div>End Date: 6/08</div> <div>Location: Ward 1</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: Pima County Bonds		96.1	300.0	-	300.0	-	-	-	-	300.0	-	396.1
Total		96.1	300.0	-	300.0	-	-	-	-	300.0	-	396.1

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
22nd Street Grade Separations											
Federal Highway Administration Grants	-	-	-	-	-	500.0	-	-	500.0	-	500.0
Highway User Revenue Fund	-	-	-	-	-	28.5	-	-	28.5	-	28.5
	-	-	-	-	-	528.5	-	-	528.5	-	528.5
22nd Street: I-10 to Kino Boulevard											
Highway User Revenue Fund	-	-	-	-	-	-	3,000.0	-	3,000.0	-	3,000.0
Regional Transportation Authority Fund	-	-	1,200.0	1,200.0	-	77.0	1,277.0	1,277.0	3,831.0	3,831.0	7,662.0
	-	-	1,200.0	1,200.0	-	77.0	4,277.0	1,277.0	6,831.0	3,831.0	10,662.0
6th Avenue: 18th Street Intersection											
Capital Agreement Fund: PAG	368.4	-	30.0	30.0	-	-	-	-	30.0	-	398.4
Federal Highway Administration Grants	41.8	2,270.0	-	2,270.0	-	-	-	-	2,270.0	-	2,311.8
Highway User Revenue Fund	383.6	89.0	25.0	114.0	-	-	-	-	114.0	-	497.6
	793.8	2,359.0	55.0	2,414.0	-	-	-	-	2,414.0	-	3,207.8
Ajo to Silverlake Bikeway Project, Phase II											
Federal Highway Administration Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Highway User Revenue Fund	0.2	-	24.2	24.2	-	-	-	-	24.2	-	24.4
	0.2	-	424.2	424.2	-	-	-	-	424.2	-	424.4
Alternate Modes Improvements											
Federal Highway Administration Grants	-	-	-	-	-	500.0	-	-	500.0	-	500.0
Highway User Revenue Fund	-	-	-	-	-	29.0	-	-	29.0	-	29.0
	-	-	-	-	-	529.0	-	-	529.0	-	529.0
Anklam Road Traffic Safety Improvements											
2000 Street and Highway Revenue Bond Funds	127.0	-	-	-	-	-	-	-	-	-	127.0
Highway User Revenue Fund	862.5	5.0	-	5.0	-	-	-	-	5.0	-	867.5
Highway User Revenue Fund: In-Lieu Fees	85.2	-	-	-	-	-	-	-	-	-	85.2
Road & Park Impact Fee Fund: West District	600.0	-	-	-	-	-	-	-	-	-	600.0
	1,674.8	5.0	-	5.0	-	-	-	-	5.0	-	1,679.8

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Barraza-Aviation Downtown Links, Phase I											
Capital Agreement Fund: PAG	996.5	-	-	-	-	2,830.0	4,000.0	-	6,830.0	-	7,826.5
Regional Transportation Authority Fund	-	-	600.0	600.0	500.0	518.0	1,618.0	-	3,236.0	3,236.0	6,472.0
	996.5	-	600.0	600.0	500.0	3,348.0	5,618.0	-	10,066.0	3,236.0	14,298.5
Barraza-Aviation Parkway: 4th Avenue Underpass											
Capital Agreement Fund: PAG	11,282.2	13,000.0	4,165.0	17,165.0	-	1,170.0	-	-	18,335.0	-	29,617.2
Highway User Revenue Fund: Restricted, Section D	103.7	-	-	-	-	-	-	-	-	-	103.7
	11,385.9	13,000.0	4,165.0	17,165.0	-	1,170.0	-	-	18,335.0	-	29,720.9
Broadway Boulevard: Euclid to Campbell											
Capital Agreement Fund: Pima County Bonds	1,314.8	550.0	2,000.0	2,550.0	3,000.0	3,500.0	13,850.1	785.1	23,685.2	-	25,000.0
	1,314.8	550.0	2,000.0	2,550.0	3,000.0	3,500.0	13,850.1	785.1	23,685.2	-	25,000.0
Broadway: Euclid to Country Club											
Capital Agreement Fund: PAG	-	-	222.0	222.0	-	1,000.0	-	-	1,222.0	-	1,222.0
Regional Transportation Authority Fund	50.0	-	1,888.0	1,888.0	969.0	4,902.0	4,902.0	-	12,661.0	29,414.0	42,125.0
	50.0	-	2,110.0	2,110.0	969.0	5,902.0	4,902.0	-	13,883.0	29,414.0	43,347.0
Cambio Grande Street Revitalization											
Capital Agreement Fund: Pima County Bonds	-	-	-	-	500.0	-	-	-	500.0	-	500.0
Federal Highway Administration Grants	-	467.0	-	467.0	-	-	-	-	467.0	-	467.0
Highway User Revenue Fund	11.0	25.0	-	25.0	-	-	-	-	25.0	-	36.0
Highway User Revenue Fund: In-Lieu Fees	3.9	-	-	-	-	-	-	-	-	-	3.9
	14.9	492.0	-	492.0	500.0	-	-	-	992.0	-	1,006.9
Camino Seco and Wrightstown Intersection											
Road & Park Impact Fee Fund: East District	-	-	200.0	200.0	1,000.0	-	-	-	1,200.0	-	1,200.0
	-	-	200.0	200.0	1,000.0	-	-	-	1,200.0	-	1,200.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Campbell Avenue Revitalization											
Federal Highway Administration Grants	28.4	-	851.6	851.6	-	-	-	-	851.6	-	880.0
Highway User Revenue Fund	14.6	-	-	-	-	-	-	-	-	-	14.6
	43.0	-	851.6	851.6	-	-	-	-	851.6	-	894.6
Clearwell Access Road											
Highway User Revenue Fund	0.8	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.8
	0.8	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.8
Congress Street Bikeway Project, Phase II											
Federal Highway Administration Grants	-	-	66.0	66.0	-	-	-	-	66.0	-	66.0
Highway User Revenue Fund	0.5	-	4.0	4.0	-	-	-	-	4.0	-	4.5
	0.5	-	70.0	70.0	-	-	-	-	70.0	-	70.5
Downtown Pedestrian Implementation											
1994 Street and Highway Revenue Bond Funds	212.9	-	-	-	-	-	-	-	-	-	212.9
Capital Agreement Fund: PAG	339.4	146.0	-	146.0	-	200.0	-	-	346.0	-	685.4
Highway User Revenue Fund	136.5	-	-	-	-	-	-	-	-	-	136.5
Highway User Revenue Fund: Restricted, Section D	229.2	-	-	-	-	-	-	-	-	-	229.2
	918.0	146.0	-	146.0	-	200.0	-	-	346.0	-	1,264.0
El Camino del Cerro Reconstruction											
Road & Park Impact Fee Fund: West District	-	-	500.0	500.0	1,000.0	-	-	-	1,500.0	-	1,500.0
	-	-	500.0	500.0	1,000.0	-	-	-	1,500.0	-	1,500.0
Ft. Lowell: Campbell Intersection Improvements											
Regional Transportation Authority Fund	100.0	-	373.0	373.0	-	-	-	-	373.0	-	473.0
	100.0	-	373.0	373.0	-	-	-	-	373.0	-	473.0
Golf Links and Kolb Intersection Design											
Road & Park Impact Fee Fund: Southeast District	-	-	250.0	250.0	250.0	-	-	-	500.0	-	500.0
	-	-	250.0	250.0	250.0	-	-	-	500.0	-	500.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Golf Links: Wilmot Intersection Improvements											
Regional Transportation Authority Fund	32.0	68.0	193.0	261.0	-	-	-	-	261.0	-	293.0
	32.0	68.0	193.0	261.0	-	-	-	-	261.0	-	293.0
Grant Road Corridor											
Highway User Revenue Fund	-	-	-	-	-	-	6,000.0	-	6,000.0	-	6,000.0
Regional Transportation Authority Fund	30.0	-	1,437.0	1,437.0	-	733.0	17,932.0	17,199.0	37,301.0	71,728.0	109,059.0
	30.0	-	1,437.0	1,437.0	-	733.0	23,932.0	17,199.0	43,301.0	71,728.0	115,059.0
Grant and Craycroft Intersection Improvement											
Regional Transportation Authority Fund	50.0	950.0	3,500.0	4,450.0	-	-	-	-	4,450.0	-	4,500.0
	50.0	950.0	3,500.0	4,450.0	-	-	-	-	4,450.0	-	4,500.0
Harrison Road: Speedway to Old Spanish Trail											
2000 Street and Highway Revenue Bond Funds	1,382.4	-	-	-	-	-	-	-	-	-	1,382.4
Capital Agreement Fund: PAG	1,733.2	-	612.0	612.0	-	-	-	-	612.0	-	2,345.2
Federal Highway Administration Grants	8,108.1	-	2,494.7	2,494.7	750.0	-	-	-	3,244.7	-	11,352.8
Highway User Revenue Fund	396.4	300.0	-	300.0	-	-	-	-	300.0	-	696.4
	11,620.0	300.0	3,106.7	3,406.7	750.0	-	-	-	4,156.7	-	15,776.7
Harrison and Wrightstown Curve Design											
Road & Park Impact Fee Fund: East District	-	-	50.0	50.0	450.0	-	-	-	500.0	-	500.0
	-	-	50.0	50.0	450.0	-	-	-	500.0	-	500.0
Highland Avenue Bike and Pedestrian Improvements											
Capital Agreement Fund	-1.0	-	-	-	-	-	-	-	-	-	-1.0
Federal Highway Administration Grants	346.7	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,346.7
Highway User Revenue Fund	286.2	150.0	-	150.0	-	-	-	-	150.0	-	436.2
	632.0	1,150.0	-	1,150.0	-	-	-	-	1,150.0	-	1,782.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Houghton Road Bridge Replacement											
Federal Highway Administration Grants	-	800.0	800.0	1,600.0	800.0	800.0	-	-	3,200.0	-	3,200.0
Highway User Revenue Fund: In-Lieu Fees	29.5	182.0	200.0	382.0	200.0	200.0	-	-	782.0	-	811.5
	29.5	982.0	1,000.0	1,982.0	1,000.0	1,000.0	-	-	3,982.0	-	4,011.5
Houghton Road: I-10 to Valencia											
Regional Transportation Authority Fund	250.0	-	1,550.0	1,550.0	100.0	2,500.0	-	-	4,150.0	-	4,400.0
	250.0	-	1,550.0	1,550.0	100.0	2,500.0	-	-	4,150.0	-	4,400.0
Houghton Road: Old Spanish Trail to Valencia											
Regional Transportation Authority Fund	100.0	-	1,800.0	1,800.0	100.0	2,500.0	-	-	4,400.0	-	4,500.0
	100.0	-	1,800.0	1,800.0	100.0	2,500.0	-	-	4,400.0	-	4,500.0
Houghton Road: Speedway to Old Spanish Trail											
Regional Transportation Authority Fund	25.0	-	1,275.0	1,275.0	332.0	2,500.0	-	-	4,107.0	-	4,132.0
	25.0	-	1,275.0	1,275.0	332.0	2,500.0	-	-	4,107.0	-	4,132.0
Impact Fee Capacity - Road Improvements											
Road & Park Impact Fee Fund: Central District	-	-	2,481.5	2,481.5	-	-	-	-	2,481.5	-	2,481.5
Road & Park Impact Fee Fund: East District	-	-	1,212.7	1,212.7	-	-	-	-	1,212.7	-	1,212.7
Road & Park Impact Fee Fund: Southeast District	-	-	1,582.5	1,582.5	-	-	-	-	1,582.5	-	1,582.5
Road & Park Impact Fee Fund: Southlands District	-	-	2,952.4	2,952.4	-	-	-	-	2,952.4	-	2,952.4
Road & Park Impact Fee Fund: West District	-	-	684.3	684.3	-	-	-	-	684.3	-	684.3
	-	-	8,913.4	8,913.4	-	-	-	-	8,913.4	-	8,913.4
Irvington and Campbell Intersection											
Road & Park Impact Fee Fund: West District	-	-	800.0	800.0	-	-	-	-	800.0	-	800.0
	-	-	800.0	800.0	-	-	-	-	800.0	-	800.0
Kino Parkway Overpass at 22nd Street											
Capital Agreement Fund: Pima County Bonds	788.8	1,000.0	2,500.0	3,500.0	5,711.2	-	-	-	9,211.2	-	10,000.0
	788.8	1,000.0	2,500.0	3,500.0	5,711.2	-	-	-	9,211.2	-	10,000.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
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	-	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	-	2,750.0
	-	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	-	2,750.0
Mountain Avenue: Roger Road to Ft. Lowell Road											
Highway User Revenue Fund	1,557.4	-	-	-	-	-	-	-	-	-	1,557.4
Highway User Revenue Fund: Restricted, Section D	1.3	-	-	-	-	-	-	-	-	-	1.3
State Infrastructure Bank Federal Pass-Through	-	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	14,000.0
	1,558.8	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	15,558.8
Oracle and Drachman Main Intersection											
Capital Agreement Fund: PAG	568.0	1,200.0	400.0	1,600.0	250.0	-	-	-	1,850.0	-	2,418.0
	568.0	1,200.0	400.0	1,600.0	250.0	-	-	-	1,850.0	-	2,418.0
Park and Euclid Bicycle and Pedestrian Bridge											
Capital Agreement Fund: PAG	372.2	-	-	-	-	-	-	-	-	-	372.2
Federal Highway Administration Grants	1,356.0	1,500.0	-	1,500.0	-	-	-	-	1,500.0	-	2,856.0
Highway User Revenue Fund	255.4	-	-	-	-	-	-	-	-	-	255.4
Highway User Revenue Fund: Restricted, Section D	25.9	-	-	-	-	-	-	-	-	-	25.9
	2,009.6	1,500.0	-	1,500.0	-	-	-	-	1,500.0	-	3,509.6
Pima County Neighborhood Bond Capacity											
Capital Agreement Fund: Pima County Bonds	-	-	-	-	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0	-	4,000.0
	-	-	-	-	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0	-	4,000.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Presidio Trail ADA Improvements											
Federal Highway Administration Grants	-	-	247.0	247.0	-	-	-	-	247.0	-	247.0
Highway User Revenue Fund	2.0	-	13.0	13.0	-	-	-	-	13.0	-	15.0
	2.0	-	260.0	260.0	-	-	-	-	260.0	-	262.0
Prince Road Grade Separation											
Federal Highway Administration Grants	-	-	-	-	-	1,667.0	-	-	1,667.0	-	1,667.0
	-	-	-	-	-	1,667.0	-	-	1,667.0	-	1,667.0
Regional Transportation Authority Capacity											
Regional Transportation Authority Fund	-	-	-	-	18,841.0	4,634.0	-	6,524.0	29,999.0	-	29,999.0
	-	-	-	-	18,841.0	4,634.0	-	6,524.0	29,999.0	-	29,999.0
Road Resurfacing, Restoration, & Rehabilitation											
Federal Highway Administration Grants	-	-	5,205.0	5,205.0	4,300.0	4,000.0	4,000.0	5,000.0	22,505.0	-	22,505.0
Highway User Revenue Fund	-	-	307.3	307.3	285.0	285.0	285.0	-	1,162.3	-	1,162.3
	-	-	5,512.3	5,512.3	4,585.0	4,285.0	4,285.0	5,000.0	23,667.3	-	23,667.3
Santa Rita Park Pedestrian Enhancements											
Federal Highway Administration Grants	-	186.0	-	186.0	-	-	-	-	186.0	-	186.0
Highway User Revenue Fund	67.9	-	14.0	14.0	-	-	-	-	14.0	-	81.9
	67.9	186.0	14.0	200.0	-	-	-	-	200.0	-	267.9
South 4th Avenue Streetscape Enhancement											
Capital Agreement Fund	29.9	-	-	-	-	-	-	-	-	-	29.9
Federal Highway Administration Grants	17.6	313.1	-	313.1	-	-	-	-	313.1	-	330.7
Highway User Revenue Fund	142.8	14.9	-	14.9	-	-	-	-	14.9	-	157.7
	190.3	328.0	-	328.0	-	-	-	-	328.0	-	518.3
Speedway and Main Intersection Improvements											
Capital Agreement Fund: PAG	107.9	-	1,000.0	1,000.0	250.0	-	-	-	1,250.0	-	1,357.9
	107.9	-	1,000.0	1,000.0	250.0	-	-	-	1,250.0	-	1,357.9

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Speedway: Camino Seco to Houghton											
Highway User Revenue Fund	-	-	-	-	-	3,000.0	-	-	3,000.0	-	3,000.0
Highway User Revenue Fund: In-Lieu Fees	520.5	-	-	-	-	-	-	-	-	-	520.5
Regional Transportation Authority Fund	-	-	755.0	755.0	1,098.0	6,136.0	6,136.0	-	14,125.0	-	14,125.0
	520.5	-	755.0	755.0	1,098.0	9,136.0	6,136.0	-	17,125.0	-	17,645.5
Starr Pass: Mission Intersection Improvements											
Regional Transportation Authority Fund	20.0	558.0	-	558.0	-	-	-	-	558.0	-	578.0
	20.0	558.0	-	558.0	-	-	-	-	558.0	-	578.0
Stone Ave: Drachman and Speedway Improvements											
1994 Street and Highway Revenue Bond Funds	569.8	-	-	-	-	-	-	-	-	-	569.8
Capital Agreement Fund: PAG	1,392.5	40.0	300.0	340.0	3,500.0	-	-	-	3,840.0	-	5,232.5
	1,962.4	40.0	300.0	340.0	3,500.0	-	-	-	3,840.0	-	5,802.4
Stone Avenue: 6th Street to Speedway											
Capital Agreement Fund: PAG	866.7	50.0	-	50.0	-	-	-	-	50.0	-	916.7
Federal Highway Administration Grants	1,369.7	-	-	-	-	-	-	-	-	-	1,369.7
Highway User Revenue Fund	223.4	-	-	-	-	-	-	-	-	-	223.4
	2,459.8	50.0	-	50.0	-	-	-	-	50.0	-	2,509.8
Stone Avenue: Pedestrian Safety Improvements											
Federal Highway Administration Grants	8.5	59.9	147.6	207.5	-	-	-	-	207.5	-	216.0
Highway User Revenue Fund	20.4	4.5	15.0	19.5	-	-	-	-	19.5	-	39.9
	28.8	64.4	162.6	227.0	-	-	-	-	227.0	-	255.8
Tanque Verde and Dos Hombres Intersection											
Road & Park Impact Fee Fund: East District	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tyndall Avenue Enhancements											
Federal Highway Administration Grants	18.9	481.1	-	481.1	-	-	-	-	481.1	-	500.0
Highway User Revenue Fund	5.1	23.9	-	23.9	-	-	-	-	23.9	-	29.0
	24.0	505.0	-	505.0	-	-	-	-	505.0	-	529.0
Wilmot at Park Place Intersection Improvements											
Regional Transportation Authority Fund	5.0	45.0	198.0	243.0	-	-	-	-	243.0	-	248.0
	5.0	45.0	198.0	243.0	-	-	-	-	243.0	-	248.0
Program Area Total	40,375.4	25,478.4	54,530.8	80,009.2	55,931.2	46,959.5	65,750.1	34,535.1	283,185.1	108,209.0	431,769.5
Source of Funds Summary											
1994 Street and Highway Revenue Bond Funds	782.7	-	-	-	-	-	-	-	-	-	782.7
2000 Street and Highway Revenue Bond Funds	1,509.3	-	-	-	-	-	-	-	-	-	1,509.3
Capital Agreement Fund	29.0	-	-	-	-	-	-	-	-	-	29.0
Capital Agreement Fund: PAG	18,027.0	14,436.0	6,729.0	21,165.0	4,000.0	5,200.0	4,000.0	-	34,365.0	-	52,392.0
Capital Agreement Fund: Pima County Bonds	2,103.6	1,550.0	4,500.0	6,050.0	10,211.2	4,500.0	14,850.1	1,785.1	37,396.4	-	39,500.0
Federal Highway Administration Grants	11,295.7	7,077.1	10,211.9	17,289.0	5,850.0	7,467.0	4,000.0	5,000.0	39,606.0	-	50,901.7
Highway User Revenue Fund	4,366.8	612.3	952.5	1,564.8	835.0	3,892.5	9,835.0	1,550.0	17,677.3	-	22,044.1
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	639.2	182.0	1,200.0	1,382.0	1,200.0	1,200.0	1,000.0	1,000.0	5,782.0	-	6,421.2
Highway User Revenue Fund: Restricted, Section D	360.2	-	-	-	-	-	-	-	-	-	360.2
Regional Transportation Authority Fund	662.0	1,621.0	14,769.0	16,390.0	21,940.0	24,500.0	31,865.0	25,000.0	119,695.0	108,209.0	228,566.0
Road & Park Impact Fee Fund: Central District	-	-	2,481.5	2,481.5	-	-	-	-	2,481.5	-	2,481.5
Road & Park Impact Fee Fund: East District	-	-	1,712.7	1,712.7	1,450.0	-	-	-	3,162.7	-	3,162.7
Road & Park Impact Fee Fund: Southeast District	-	-	1,832.5	1,832.5	250.0	-	-	-	2,082.5	-	2,082.5
Road & Park Impact Fee Fund: Southlands District	-	-	2,952.4	2,952.4	-	-	-	-	2,952.4	-	2,952.4
Road & Park Impact Fee Fund: West District	600.0	-	1,984.3	1,984.3	1,000.0	-	-	-	2,984.3	-	3,584.3
State Infrastructure Bank Federal Pass-Through	-	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	14,000.0
Program Area Total	40,375.4	25,478.4	54,530.8	80,009.2	55,931.2	46,959.5	65,750.1	34,535.1	283,185.1	108,209.0	431,769.5

Transportation - Streets

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22nd Street Grade Separations										Project ID: S190		
Description: Design and construct a new railroad grade separation at 22nd Street and the Nogales Branch of the Union Pacific Rail Road, plus a replacement of the existing grade separation at 22nd Street and the main line of the Union Pacific Railroad adjacent to the Barraza-Aviation Parkway.										Start Date: 7/09		
										End Date: 6/10		
										Location: Ward 5		
Justification: The new grade separation at the Nogales Branch will eliminate a hazardous at-grade crossing. The existing grade separation at the main line has met its design life and is currently under weight limitations.												

Transportation - Streets

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6th Avenue: 18th Street Intersection

Description:

Design and construct a new traffic signal at the intersection of 6th Avenue with 18th Street and Stone Avenue. This project includes the conversion of both Stone Avenue and 6th Avenue, from 18th Street to Congress Street, to two-way streets with parkway landscaping. Also included in the project is the widening of 6th Avenue, from 18th Street to 19th Street, to match the existing improvements that are south of 19th Street.

Justification:

These improvements will support downtown revitalization efforts by improving the traffic circulation along the southern gateway.

Project ID: S30J

Start Date: 7/99

End Date: 6/08

Location: Wards 5 and 6
(within Rio Nuevo District)

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: PAG	368.4	-	30.0	30.0	-	-	-	-	30.0	-	398.4
Federal Highway Administration Grants	41.8	2,270.0	-	2,270.0	-	-	-	-	2,270.0	-	2,311.8
Highway User Revenue Fund	383.6	89.0	25.0	114.0	-	-	-	-	114.0	-	497.6
Total	793.8	2,359.0	55.0	2,414.0	-	-	-	-	2,414.0	-	3,207.8

Ajo to Silverlake Bikeway Project, Phase II

Description:

Design and construct a new segment of the Santa Cruz River bike path, between Silverlake Road and Ajo Way. The new path will be located along the west bank of the river. This project will involve both the Pima County Parks and Recreation and Natural Resources Department and Tucson Parks and Recreation Department.

Justification:

This project extends the existing Santa Cruz River bike path trail and is important in providing a continuous river path throughout the region. The design and construction of the path must be coordinated with Pima County Flood Control District and the U.S. Corps of Engineers.

Project ID: S09G

Start Date: 7/97

End Date: 6/08

Location: Ward 1

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Federal Highway Administration Grants	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Highway User Revenue Fund	0.2	-	24.2	24.2	-	-	-	-	24.2	-	24.4
Total	0.2	-	424.2	424.2	-	-	-	-	424.2	-	424.4

Transportation - Streets

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Alternate Modes Improvements										Project ID: S109		
Description: Design and construct sidewalks, handicap ramps, separated bike paths, and transit-related improvements, such as road widening, bus shelters, park and ride lots, and pavement overlays of existing roadways to accommodate bike lanes.												
Justification: These improvements will expand the bike path system and support the city's commitment to alternate modes of transportation.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Federal Highway Administration Grants	-	-	-	-	-	500.0	-	-	500.0	-	500.0	
Highway User Revenue Fund	-	-	-	-	-	29.0	-	-	29.0	-	29.0	
Total	-	-	-	-	-	529.0	-	-	529.0	-	529.0	

Anklam Road Traffic Safety Improvements										Project ID: S215		
Description: Design and construct traffic safety improvements to Anklam Road between Greasewood Road and Players Club Drive.												
Justification: These improvements are in response to proposed developments.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Street and Highway Revenue Bond Funds	127.0	-	-	-	-	-	-	-	-	-	127.0	
Highway User Revenue Fund	862.5	5.0	-	5.0	-	-	-	-	5.0	-	867.5	
Highway User Revenue Fund: In-Lieu Fees	85.2	-	-	-	-	-	-	-	-	-	85.2	
Road & Park Impact Fee Fund: West District	600.0	-	-	-	-	-	-	-	-	-	600.0	
Total	1,674.8	5.0	-	5.0	-	-	-	-	5.0	-	1,679.8	

Transportation - Streets

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Barraza-Aviation Downtown Links, Phase I										Project ID: S30N		
Description: Design and construct a four-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.										Start Date: 7/95		
										End Date: 6/16		
										Location: Wards 1 and 6		
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 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: PAG		996.5	-	-	-	-	2,830.0	4,000.0	-	6,830.0	-	7,826.5
Regional Transportation Authority Fund		-	-	600.0	600.0	500.0	518.0	1,618.0	-	3,236.0	3,236.0	6,472.0
Total		996.5	-	600.0	600.0	500.0	3,348.0	5,618.0	-	10,066.0	3,236.0	14,298.5

Barraza-Aviation Parkway: 4th Avenue Underpass										Project ID: S30B		
Description: Design and construct a new underpass for automobile traffic at 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/pedestrian bridges.										Start Date: 7/96		
										End Date: 6/10		
										Location: Wards 1 and 6 (within Rio Nuevo District)		
Justification: These improvements will support downtown revitalization effort by improving automobile, pedestrian, and bicycle access from 4th Avenue to downtown.												
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: PAG		11,282.2	13,000.0	4,165.0	17,165.0	-	1,170.0	-	-	18,335.0	-	29,617.2
Highway User Revenue Fund: Restricted, Section D		103.7	-	-	-	-	-	-	-	-	-	103.7
Total		11,385.9	13,000.0	4,165.0	17,165.0	-	1,170.0	-	-	18,335.0	-	29,720.9

Transportation - Streets

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Broadway Boulevard: Euclid to Campbell										Project ID: S352		
Description: Design and construct one mile of Broadway Boulevard to a 6-lane, divided cross-section roadway with 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.										Start Date: 7/05		
										End Date: 6/12		
Justification: These improvements are needed to alleviate congestion along Broadway Boulevard.										Location: Wards 5 and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	1,314.8	550.0	2,000.0	2,550.0	3,000.0	3,500.0	13,850.1	785.1	23,685.2	-	25,000.0	
Total	1,314.8	550.0	2,000.0	2,550.0	3,000.0	3,500.0	13,850.1	785.1	23,685.2	-	25,000.0	

Broadway: Euclid to Country Club										Project ID: SR3A		
Description: Design and construct the Broadway Corridor Project. Phase I will include the re-evaluation and selection of an alignment for approval by the City of Tucson Mayor and Council. Subsequent phases will include roadway planning and design and land planning. Widening to six lanes plus bus lanes is planned.										Start Date: 1/07		
										End Date: 7/14		
Justification: This project was approved by Mayor and Council on January 23, 2007 for RTA funding.										Location: Wards 5 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: PAG	-	-	222.0	222.0	-	1,000.0	-	-	1,222.0	-	1,222.0	
Regional Transportation Authority Fund	50.0	-	1,888.0	1,888.0	969.0	4,902.0	4,902.0	-	12,661.0	29,414.0	42,125.0	
Total	50.0	-	2,110.0	2,110.0	969.0	5,902.0	4,902.0	-	13,883.0	29,414.0	43,347.0	

Transportation - Streets

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Cambio Grande Street Revitalization										Project ID: S035		
Description: Design and construct pedestrian enhancements along Grande Avenue, between St. Mary's and Speedway.										Start Date: 1/06		
										End Date: 6/09		
										Location: Ward 1		
Justification: This is a federal Transportation Enhancement Grant project.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	-	-	-	-	500.0	-	-	-	500.0	-	500.0	
Federal Highway Administration Grants	-	467.0	-	467.0	-	-	-	-	467.0	-	467.0	
Highway User Revenue Fund	11.0	25.0	-	25.0	-	-	-	-	25.0	-	36.0	
Highway User Revenue Fund: In-Lieu Fees	3.9	-	-	-	-	-	-	-	-	-	3.9	
Total	14.9	492.0	-	492.0	500.0	-	-	-	992.0	-	1,006.9	

Camino Seco and Wrightstown Intersection										Project ID: SM04		
Description: Reconstruct and improve this intersection.										Start Date: 7/07		
										End Date: 6/09		
										Location: Ward 2		
Justification: This project is necessary due to congestion and safety issues at this intersection.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: East District	-	-	200.0	200.0	1,000.0	-	-	-	1,200.0	-	1,200.0	
Total	-	-	200.0	200.0	1,000.0	-	-	-	1,200.0	-	1,200.0	

Transportation - Streets

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Campbell Avenue Revitalization										Project ID: S237		
Description: Design and construction of streetscape improvements along Campbell Avenue between Ft. Lowell and Grant Road.										Start Date: 7/06		
										End Date: 6/08		
										Location: Ward 3		
Justification: These improvements will promote the revitalization of this commercial corridor.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Federal Highway Administration Grants	28.4	-	851.6	851.6	-	-	-	-	851.6	-	880.0	
Highway User Revenue Fund	14.6	-	-	-	-	-	-	-	-	-	14.6	
Total	43.0	-	851.6	851.6	-	-	-	-	851.6	-	894.6	

Clearwell Access Road										Project ID: S01A		
Description: Design and construct a roadway in the Starr Pass area.										Start Date: 2/06		
										End Date: 6/12		
										Location: Ward 1		
Justification: These improvements are a part of the City of Tucson's requirement for a Mayor and Council approved development agreement.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Highway User Revenue Fund	0.8	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.8	
Total	0.8	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.8	

Transportation - Streets

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Congress Street Bikeway Project, Phase II Description: Reconstruction of the Santa Cruz River bike path underpass at Congress Street. Justification: The existing underpass does not meet current design standards.									Project ID: S09F Start Date: 7/97 End Date: 6/08 Location: Ward 1 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Federal Highway Administration Grants	-	-	66.0	66.0	-	-	-	-	66.0	-	66.0
Highway User Revenue Fund	0.5	-	4.0	4.0	-	-	-	-	4.0	-	4.5
Total	0.5	-	70.0	70.0	-	-	-	-	70.0	-	70.5

Downtown Pedestrian Implementation Description: Design and construct pedestrian improvements in the downtown area. This project will address American with Disabilities Act (ADA) compliance requirements. Justification: These improvements were recommended by the 1994 City Center Vision and Strategic Plan and were on the prioritized list in the Downtown Tucson Pedestrian Implementation Plan.									Project ID: S101 Start Date: 7/02 End Date: 6/10 Location: Ward 1 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 Street and Highway Revenue Bond Funds	212.9	-	-	-	-	-	-	-	-	-	212.9
Capital Agreement Fund: PAG	339.4	146.0	-	146.0	-	200.0	-	-	346.0	-	685.4
Highway User Revenue Fund	136.5	-	-	-	-	-	-	-	-	-	136.5
Highway User Revenue Fund: Restricted, Section D	229.2	-	-	-	-	-	-	-	-	-	229.2
Total	918.0	146.0	-	146.0	-	200.0	-	-	346.0	-	1,264.0

Transportation - Streets

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El Camino del Cerro Reconstruction 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.									Project ID: SM06 Start Date: 7/07 End Date: 6/09 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Road & Park Impact Fee Fund: West District	-	-	500.0	500.0	1,000.0	-	-	-	1,500.0	-	1,500.0
Total	-	-	500.0	500.0	1,000.0	-	-	-	1,500.0	-	1,500.0

Ft. Lowell: Campbell Intersection Improvements 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, adding to the safety of traffic operations at this intersection. Justification: This project was approved by Mayor and Council on December 5, 2006 for RTA funding.									Project ID: SN03 Start Date: 12/06 End Date: 6/08 Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	100.0	-	373.0	373.0	-	-	-	-	373.0	-	473.0
Total	100.0	-	373.0	373.0	-	-	-	-	373.0	-	473.0

Transportation - Streets

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Golf Links and Kolb Intersection Design										Project ID: SM05		
Description: Design intersection improvements, including dual left turn lanes, right turn lanes, and bus pullouts. Construction is contingent upon future revenues; Regional Transportation Authority allocation is under review.										Start Date: 7/07		
										End Date: 6/09		
										Location: Ward 4		
Justification: This project is necessary due to congestion and safety issues at this intersection.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: Southeast District	-	-	250.0	250.0	250.0	-	-	-	500.0	-	500.0	
Total	-	-	250.0	250.0	250.0	-	-	-	500.0	-	500.0	

Golf Links: Wilmot Intersection Improvements										Project ID: SN02		
Description: Design, construct, and right-of-way acquisition portions of the 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.										Start Date: 12/06		
										End Date: 7/08		
										Location: Ward 4		
Justification: These improvements will enhance traffic safety at this intersection. The project was approved by Mayor and Council on December 5, 2006 for RTA funding.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Regional Transportation Authority Fund	32.0	68.0	193.0	261.0	-	-	-	-	261.0	-	293.0	
Total	32.0	68.0	193.0	261.0	-	-	-	-	261.0	-	293.0	

Transportation - Streets

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Grant and Craycroft Intersection Improvement 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 RTA funding.									Project ID: SN01 Start Date: 12/06 End Date: 6/08 Location: Wards 2 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	50.0	950.0	3,500.0	4,450.0	-	-	-	-	4,450.0	-	4,500.0
Total	50.0	950.0	3,500.0	4,450.0	-	-	-	-	4,450.0	-	4,500.0

Grant Road Corridor Description: Design and construct the improvements along Grant Road from Oracle to Swan Road. Phase I will include the selection of an alignment for approval by the City of Tucson Mayor and Council. Justification: This project was approved by Mayor and Council on January 23, 2007 for RTA funding.									Project ID: SR2A Start Date: 1/07 End Date: 7/22 Location: Wards 2, 3, and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Highway User Revenue Fund	-	-	-	-	-	-	6,000.0	-	6,000.0	-	6,000.0
Regional Transportation Authority Fund	30.0	-	1,437.0	1,437.0	-	733.0	17,932.0	17,199.0	37,301.0	71,728.0	109,059.0
Total	30.0	-	1,437.0	1,437.0	-	733.0	23,932.0	17,199.0	43,301.0	71,728.0	115,059.0

Transportation - Streets

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Harrison and Wrightstown Curve Design 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.									Project ID: SM03 Start Date: 7/07 End Date: 6/09 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Road & Park Impact Fee Fund: East District	-	-	50.0	50.0	450.0	-	-	-	500.0	-	500.0
Total	-	-	50.0	50.0	450.0	-	-	-	500.0	-	500.0

Harrison Road: Speedway to Old Spanish Trail 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.									Project ID: S025 Start Date: 7/01 End Date: 6/09 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Street and Highway Revenue Bond Funds	1,382.4	-	-	-	-	-	-	-	-	-	1,382.4
Capital Agreement Fund: PAG	1,733.2	-	612.0	612.0	-	-	-	-	612.0	-	2,345.2
Federal Highway Administration Grants	8,108.1	-	2,494.7	2,494.7	750.0	-	-	-	3,244.7	-	11,352.8
Highway User Revenue Fund	396.4	300.0	-	300.0	-	-	-	-	300.0	-	696.4
Total	11,620.0	300.0	3,106.7	3,406.7	750.0	-	-	-	4,156.7	-	15,776.7

Transportation - Streets

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Highland Avenue Bike and Pedestrian Improvements										Project ID: S149					
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.													Start Date: 3/99		
													End Date: 6/08		
													Location: Wards 5 and 6		
Justification: These improvements will enhance the alternate modes opportunities along Highland Avenue.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
Capital Agreement Fund		(1.0)	-	-	-	-	-	-	-	-	-	(1.0)			
Federal Highway Administration Grants		346.7	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,346.7			
Highway User Revenue Fund		286.2	150.0	-	150.0	-	-	-	-	150.0	-	436.2			
Total		632.0	1,150.0	-	1,150.0	-	-	-	-	1,150.0	-	1,782.0			

Houghton Road Bridge Replacement										Project ID: S150					
Description: Design and construct the bridge segment of Houghton Road to six lanes.													Start Date: 7/06		
													End Date: 6/10		
													Location: Ward 4		
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.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
Federal Highway Administration Grants		-	800.0	800.0	1,600.0	800.0	800.0	-	-	3,200.0	-	3,200.0			
Highway User Revenue Fund: In-Lieu Fees		29.5	182.0	200.0	382.0	200.0	200.0	-	-	782.0	-	811.5			
Total		29.5	982.0	1,000.0	1,982.0	1,000.0	1,000.0	-	-	3,982.0	-	4,011.5			

Transportation - Streets

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Houghton Road: Speedway to Old Spanish Trail									Project ID: SR1C		
Description: Design and construct this segment of Houghton Road from four to six lanes. This project will include desert parkway, bike lanes, and sidewalks.									Start Date: 7/06		
									End Date: 7/10		
									Location: Wards 2 and 4		
Justification: This project is supported with RTA funding.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	25.0	-	1,275.0	1,275.0	332.0	2,500.0	-	-	4,107.0	-	4,132.0
Total	25.0	-	1,275.0	1,275.0	332.0	2,500.0	-	-	4,107.0	-	4,132.0

Impact Fee Capacity - Road Improvements									Project ID: S999		
Description: Budget capacity for potential projects. The amounts budgeted reflect the unallocated balance from current revenue projections for Fiscal Year 2008 and 2009 and \$500,000 per district in case revenues exceed projections. Allocations from this capacity will require City Manager approval.									Start Date: 7/07		
									End Date: 6/08		
									Location: Citywide		
Justification: Funds collected will be utilized per the Impact Fee Ordinance 10053 and the Impact Fee Project Plan approved by the Mayor and Council in March 2007.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Road & Park Impact Fee Fund: Central District	-	-	2,481.5	2,481.5	-	-	-	-	2,481.5	-	2,481.5
Road & Park Impact Fee Fund: East District	-	-	1,212.7	1,212.7	-	-	-	-	1,212.7	-	1,212.7
Road & Park Impact Fee Fund: Southeast District	-	-	1,582.5	1,582.5	-	-	-	-	1,582.5	-	1,582.5
Road & Park Impact Fee Fund: Southlands District	-	-	2,952.4	2,952.4	-	-	-	-	2,952.4	-	2,952.4
Road & Park Impact Fee Fund: West District	-	-	684.3	684.3	-	-	-	-	684.3	-	684.3
Total	-	-	8,913.4	8,913.4	-	-	-	-	8,913.4	-	8,913.4

Transportation - Streets

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Irvington and Campbell Intersection										Project ID: SM01		
Description: Design and construct right turn lanes on the eastbound and westbound approaches to this intersection.										Start Date: 7/07		
										End Date: 6/08		
										Location: Ward 5		
Justification: This project is necessary due to congestion and safety issues at this intersection.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: West District	-	-	800.0	800.0	-	-	-	-	800.0	-	800.0	
Total	-	-	800.0	800.0	-	-	-	-	800.0	-	800.0	

Kino Parkway Overpass at 22nd Street										Project ID: S351		
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.										Start Date: 7/05		
										End Date: 6/09		
										Location: Ward 5		
Justification: These improvements are needed to reduce congestion at the Kino Parkway and 22nd Street intersection and improve traffic flow along both roads.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	788.8	1,000.0	2,500.0	3,500.0	5,711.2	-	-	-	9,211.2	-	10,000.0	
Total	788.8	1,000.0	2,500.0	3,500.0	5,711.2	-	-	-	9,211.2	-	10,000.0	

Transportation - Streets

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Miscellaneous Developer-Funded Improvements										Project ID: S183		
Description: Design and construct improvements within the public right-of-way. Funding for this project is from contributions made by developers and in-lieu fees paid by developers.										Start Date: Annual		
										End Date: Annual		
										Location: Citywide		
Justification: This project provides budget capacity for developer-funded improvements.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total		Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
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	

Miscellaneous Street Improvements										Project ID: S100		
Description: Budget capacity to design and construct minor street and spot improvements. Specific locations will be identified in the year of construction. Typical improvements include manhole reconstructions, railroad grade crossing modifications, and curb reconstructions. This project also includes budget capacity for local matches if grants are secured for transportation enhancements.										Start Date: Annual		
										End Date: Annual		
										Location: Citywide		
Justification: This item allows for immediate response to minor infrastructure needs.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total		Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Highway User Revenue Fund	-	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	-	2,750.0	
Total	-	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	-	2,750.0	

Transportation - Streets

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Mountain Avenue: Roger Road to Ft. Lowell Road										Project ID: S022		
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. A Highway Expansion and Extension Loan Program, HELP loan is pending approval for this project.												
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Highway User Revenue Fund	1,557.4	-	-	-	-	-	-	-	-	-	1,557.4	
Highway User Revenue Fund: Restricted, Section D	1.3	-	-	-	-	-	-	-	-	-	1.3	
State Infrastructure Bank Federal Pass-Through	-	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	14,000.0	
Total	1,558.8	-	5,005.0	5,005.0	8,995.0	-	-	-	14,000.0	-	15,558.8	

Oracle and Drachman Main Intersection										Project ID: S187		
Description: Design and contract improvements to this intersection in accordance with the recommendations outlined in the Stone Avenue Corridor Study. Improvements include reconstruction of the curved roadway into a traditional three-legged intersection, allowing for the redirection of the main travel direction along Oracle Road and Main Avenue.												
Justification: These improvements follow the recommendations made in the Mayor and Council approved Stone Avenue Corridor Study.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: PAG	568.0	1,200.0	400.0	1,600.0	250.0	-	-	-	1,850.0	-	2,418.0	
Total	568.0	1,200.0	400.0	1,600.0	250.0	-	-	-	1,850.0	-	2,418.0	

Transportation - Streets

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Park and Euclid Bicycle and Pedestrian Bridge										Project ID: S30E		
Description: Design and construct a multiple use bridge over Park Avenue/Euclid Avenue at the Union Pacific Railroad and the Barraza-Aviation Parkway.												
Justification: This bridge will be the final link that connects the existing multiple use path with the multiple use bridge at Broadway Boulevard.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: PAG	372.2	-	-	-	-	-	-	-	-	-	372.2	
Federal Highway Administration Grants	1,356.0	1,500.0	-	1,500.0	-	-	-	-	1,500.0	-	2,856.0	
Highway User Revenue Fund	255.4	-	-	-	-	-	-	-	-	-	255.4	
Highway User Revenue Fund: Restricted, Section D	25.9	-	-	-	-	-	-	-	-	-	25.9	
Total	2,009.6	1,500.0	-	1,500.0	-	-	-	-	1,500.0	-	3,509.6	

Pima County Neighborhood Bond Capacity										Project ID: S354		
Description: Budget capacity for neighborhood improvement projects throughout Pima County. Those within the City of Tucson limits may be designed, constructed, and maintained by the city.												
Justification: Pima County Bond Ordinance has allocated \$20,000,000 in bond proceeds for Neighborhood Reinvestment Projects. Those neighborhoods characterized by indicators of economic and social need may submit proposals for improvements.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Capital Agreement Fund: Pima County Bonds	-	-	-	-	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0	-	4,000.0	
Total	-	-	-	-	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0	-	4,000.0	

Transportation - Streets

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Presidio Trail ADA Improvements										Project ID: S09J		
Description: Design and construct improvements to the Presidio Trail to bring it into ADA (Americans with Disabilities Act) compliance where it falls into the public right-of-way.										Start Date: 7/06		
										End Date: 6/08		
										Location: Ward 6		
Justification: All right-of-way improvements are required to comply with the ADA.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Federal Highway Administration Grants	-	-	247.0	247.0	-	-	-	-	247.0	-	247.0	
Highway User Revenue Fund	2.0	-	13.0	13.0	-	-	-	-	13.0	-	15.0	
Total	2.0	-	260.0	260.0	-	-	-	-	260.0	-	262.0	

Prince Road Grade Separation										Project ID: S192		
Description: Contribute to the design and construction of a new grade separation for Prince Road and the Union Pacific tracks, which is being built by the Arizona Department of Transportation.										Start Date: 7/09		
										End Date: 6/10		
										Location: Ward 1		
Justification: The City of Tucson has committed this funding contribution to Arizona Department of Transportation.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Federal Highway Administration Grants	-	-	-	-	-	1,667.0	-	-	1,667.0	-	1,667.0	
Total	-	-	-	-	-	1,667.0	-	-	1,667.0	-	1,667.0	

Transportation - Streets

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Regional Transportation Authority Capacity Description: Budget capacity for the Regional Transportation Authority (RTA) plan. This 20-year plan will provide improvements in increased roadway capacity, new investments in public transit, roads, pedestrian and bicycle safety, new sidewalks, bike lanes and multi-use paths. This master account will provide capacity for these funded projects.										Project ID: S888 Start Date: 7/09 End Date: 6/12 Location: Citywide		
Justification: Resolution #20306 adopted by the Mayor and Council on March 21, 2006 allows the City of Tucson to implement projects as outlined in the voter approved 20-year comprehensive regional transportation plan.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Regional Transportation Authority Fund	-	-	-	-	18,841.0	4,634.0	-	6,524.0	29,999.0	-	29,999.0	
Total	-	-	-	-	18,841.0	4,634.0	-	6,524.0	29,999.0	-	29,999.0	

<div><div>Road Resurfacing, Restoration, & Rehabilitation Description: Resurface, restore, and rehabilitate pavements on eligible streets.</div><div>Justification: These improvements will maintain safe roadway surfaces and structural integrity.</div></div>										<div>Project ID: S108 Start Date: Annual End Date: Annual Location: Citywide</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Federal Highway Administration Grants	-	-	5,205.0	5,205.0	4,300.0	4,000.0	4,000.0	5,000.0	22,505.0	-	22,505.0	
Highway User Revenue Fund	-	-	307.3	307.3	285.0	285.0	285.0	-	1,162.3	-	1,162.3	
Total	-	-	5,512.3	5,512.3	4,585.0	4,285.0	4,285.0	5,000.0	23,667.3	-	23,667.3	

Transportation - Streets

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Speedway and Main Intersection Improvements										Project ID: S179					
Description: Reconstruct the intersection to include two left turning lanes from southbound Main to eastbound Speedway.													Start Date: 7/06		
													End Date: 6/09		
													Location: Wards 1 and 6		
Justification: This project will help improve the traffic flow and increase roadway carrying capacity at this intersection and at the Stone and Speedway intersection.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
Capital Agreement Fund: PAG		107.9	-	1,000.0	1,000.0	250.0	-	-	-	1,250.0	-	1,357.9			
Total		107.9	-	1,000.0	1,000.0	250.0	-	-	-	1,250.0	-	1,357.9			

Speedway: Camino Seco to Houghton										Project ID: SR4A					
Description: Widen the roadway to 4-lane arterial with bike lanes and sidewalks.													Start Date: 7/06		
													End Date: 6/11		
													Location: Ward 4		
Justification: This project is supported with RTA funding.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
Highway User Revenue Fund		-	-	-	-	-	3,000.0	-	-	3,000.0	-	3,000.0			
Highway User Revenue Fund: In-Lieu Fees		520.5	-	-	-	-	-	-	-	-	-	520.5			
Regional Transportation Authority Fund		-	-	755.0	755.0	1,098.0	6,136.0	6,136.0	-	14,125.0	-	14,125.0			
Total		520.5	-	755.0	755.0	1,098.0	9,136.0	6,136.0	-	17,125.0	-	17,645.5			

Transportation - Streets

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Starr Pass: Mission Intersection Improvements Description: Re-build the interchange to encourage northbound Mission Road traffic to exit at Starr Pass Boulevard. Justification: These modifications will reduce cut-through traffic using Mission Road. This project was approved by Mayor and Council on December 5, 2006 for RTA funding									Project ID: SN04 Start Date: 12/06 End Date: 7/08 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	20.0	558.0	-	558.0	-	-	-	-	558.0	-	578.0
Total	20.0	558.0	-	558.0	-	-	-	-	558.0	-	578.0

Stone Ave: Drachman and Speedway Improvements 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.									Project ID: S14W Start Date: 7/00 End Date: 6/09 Location: Wards 1, 3, and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 Street and Highway Revenue Bond Funds	569.8	-	-	-	-	-	-	-	-	-	569.8
Capital Agreement Fund: PAG	1,392.5	40.0	300.0	340.0	3,500.0	-	-	-	3,840.0	-	5,232.5
Total	1,962.4	40.0	300.0	340.0	3,500.0	-	-	-	3,840.0	-	5,802.4

Transportation - Streets

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Tanque Verde and Dos Hombres Intersection										Project ID: SM02		
Description: Design and construct an eastbound right turn lane at this intersection.										Start Date: 7/07		
										End Date: 6/08		
										Location: Ward 2		
Justification: This project is necessary due to congestion and safety issues at this intersection.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Road & Park Impact Fee Fund: East District	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0	
Total	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0	

Tyndall Avenue Enhancements										Project ID: S195		
Description: Design and construct bicycle and pedestrian improvements, including sidewalks, bicycle lanes, handicap ramps, and streetscape from 6th Street to University Boulevard.										Start Date: 7/05		
										End Date: 6/08		
										Location: Ward 6		
Justification: These improvements will support university revitalization efforts by providing a safe pedestrian-oriented area and improving traffic circulation.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Federal Highway Administration Grants	18.9	481.1	-	481.1	-	-	-	-	481.1	-	500.0	
Highway User Revenue Fund	5.1	23.9	-	23.9	-	-	-	-	23.9	-	29.0	
Total	24.0	505.0	-	505.0	-	-	-	-	505.0	-	529.0	

Transportation - Streets

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Wilmot at Park Place Intersection Improvements										Project ID: SN05		
Description: Design, acquire right-of-way, and reconstruct the intersection of Wilmot Road and the entrance to Park Place Mall.										Start Date: 12/06		
										End Date: 7/08		
										Location: Ward 6		
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 RTA funding.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Regional Transportation Authority Fund	5.0	45.0	198.0	243.0	-	-	-	-	243.0	-	248.0	
Total	5.0	45.0	198.0	243.0	-	-	-	-	243.0	-	248.0	

Transportation - Traffic Signals

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
6th Street and Euclid Signal Upgrade											
Regional Transportation Authority Fund	200.0	50.0	-	50.0	-	-	-	-	50.0	-	250.0
	200.0	50.0	-	50.0	-	-	-	-	50.0	-	250.0
Changeable Message Signs											
Capital Agreement Fund: PAG	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Communication System Improvements											
Federal Highway Administration Grants	-	-	1,700.0	1,700.0	-	-	-	-	1,700.0	-	1,700.0
Highway User Revenue Fund	-	60.0	129.0	189.0	-	-	-	-	189.0	-	189.0
	-	60.0	1,829.0	1,889.0	-	-	-	-	1,889.0	-	1,889.0
Control Center to South Tucson Connection											
2000 Street and Highway Revenue Bond Funds	16.2	9.8	-	9.8	-	-	-	-	9.8	-	26.0
Federal Highway Administration Grants	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
	16.2	109.8	-	109.8	-	-	-	-	109.8	-	126.0
Country Club and Pima Signal Upgrade											
Regional Transportation Authority Fund	-	175.0	75.0	250.0	-	-	-	-	250.0	-	250.0
	-	175.0	75.0	250.0	-	-	-	-	250.0	-	250.0
Harrison/Golf Links Communication Project											
2000 Street and Highway Revenue Bond Funds	24.0	21.0	-	21.0	-	-	-	-	21.0	-	45.0
Federal Highway Administration Grants	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
	24.0	171.0	-	171.0	-	-	-	-	171.0	-	195.0
Intelligent Transportation System Improvements											
1994 Street and Highway Revenue Bond Funds	41.9	-	-	-	-	-	-	-	-	-	41.9
2000 Street and Highway Revenue Bond Funds	162.0	-	-	-	-	-	-	-	-	-	162.0
Capital Agreement Fund	73.4	-	-	-	-	-	-	-	-	-	73.4
Federal Highway Administration Grants	37.7	37.0	-	37.0	-	-	-	-	37.0	-	74.7
	315.0	37.0	-	37.0	-	-	-	-	37.0	-	352.0

Transportation - Traffic Signals

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Intelligent Transportation System: ATLAS											
Regional Transportation Authority Fund	50.0	-	50.0	50.0	-	-	-	-	50.0	-	100.0
	50.0	-	50.0	50.0	-	-	-	-	50.0	-	100.0
Intelligent Transportation System: ER Link											
Federal Highway Administration Grants	1,600.6	-	325.0	325.0	-	-	-	-	325.0	-	1,925.6
	1,600.6	-	325.0	325.0	-	-	-	-	325.0	-	1,925.6
Living Transportation Laboratory											
Federal Highway Administration Grants	-	125.0	-	125.0	-	-	-	-	125.0	-	125.0
Highway User Revenue Fund	-	8.0	-	8.0	-	-	-	-	8.0	-	8.0
	-	133.0	-	133.0	-	-	-	-	133.0	-	133.0
Nogales Highway and Drexel Signal Upgrade											
Regional Transportation Authority Fund	175.0	75.0	-	75.0	-	-	-	-	75.0	-	250.0
	175.0	75.0	-	75.0	-	-	-	-	75.0	-	250.0
Old Vail and Valencia Signal Upgrade											
Regional Transportation Authority Fund	175.0	25.0	50.0	75.0	-	-	-	-	75.0	-	250.0
	175.0	25.0	50.0	75.0	-	-	-	-	75.0	-	250.0
Pre-emption and Transit Signal Priority											
Regional Transportation Authority Fund	25.0	-	75.0	75.0	-	-	-	-	75.0	-	100.0
	25.0	-	75.0	75.0	-	-	-	-	75.0	-	100.0
Regional Transportation Data Network											
Federal Highway Administration Grants	50.0	-	600.0	600.0	1,340.0	1,000.0	20.0	-	2,960.0	-	3,010.0
	50.0	-	600.0	600.0	1,340.0	1,000.0	20.0	-	2,960.0	-	3,010.0
Rita Road and Old Vail Signal Upgrade											
Regional Transportation Authority Fund	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0
	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0

Transportation - Traffic Signals

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
School Flasher Construction											
1994 Street and Highway Revenue Bond Funds	0.7	-	-	-	-	-	-	-	-	-	0.7
Capital Agreement Fund	18.1	-	150.5	150.5	-	-	-	-	150.5	-	168.6
Highway User Revenue Fund	49.3	150.5	-	150.5	-	-	-	-	150.5	-	199.8
	68.1	150.5	150.5	301.0	-	-	-	-	301.0	-	369.1
Starr Pass and La Cholla Traffic Signal											
Regional Transportation Authority Fund	12.0	3.0	26.0	29.0	-	-	-	-	29.0	-	41.0
	12.0	3.0	26.0	29.0	-	-	-	-	29.0	-	41.0
Stone Avenue and Glenn Signal Upgrade											
Regional Transportation Authority Fund	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0
	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0
Traffic Signal and Control Equipment											
Federal Highway Administration Grants	-	-	425.0	425.0	-	400.0	-	-	825.0	-	825.0
Highway User Revenue Fund	-	-	25.0	25.0	-	30.0	-	-	55.0	-	55.0
	-	-	450.0	450.0	-	430.0	-	-	880.0	-	880.0

Transportation - Traffic Signals

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Valencia Road Fiber Optic Cabling											
2000 Street and Highway Revenue Bond Funds	28.6	32.4	-	32.4	-	-	-	-	32.4	-	61.0
Federal Highway Administration Grants	-	175.0	-	175.0	-	-	-	-	175.0	-	175.0
Highway User Revenue Fund	6.2	10.0	-	10.0	-	-	-	-	10.0	-	16.2
	34.8	217.4	-	217.4	-	-	-	-	217.4	-	252.2
Program Area Total	3,095.7	1,206.7	3,930.5	5,137.2	1,340.0	1,430.0	20.0	-	7,927.2	-	11,022.9
Source of Funds Summary											
1994 Street and Highway Revenue Bond Funds	42.5	-	-	-	-	-	-	-	-	-	42.5
2000 Street and Highway Revenue Bond Funds	230.8	63.2	-	63.2	-	-	-	-	63.2	-	294.0
Capital Agreement Fund	91.6	-	150.5	150.5	-	-	-	-	150.5	-	242.1
Capital Agreement Fund: PAG	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Federal Highway Administration Grants	1,688.3	587.0	3,050.0	3,637.0	1,340.0	1,400.0	20.0	-	6,397.0	-	8,085.3
Highway User Revenue Fund	55.5	228.5	154.0	382.5	-	30.0	-	-	412.5	-	468.0
Regional Transportation Authority Fund	987.0	328.0	426.0	754.0	-	-	-	-	754.0	-	1,741.0
Program Area Total	3,095.7	1,206.7	3,930.5	5,137.2	1,340.0	1,430.0	20.0	-	7,927.2	-	11,022.9

Transportation - Traffic Signals

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6th Street and Euclid Signal Upgrade Description: Design and construct upgrades to an existing traffic signal. This includes the Intelligent Transportation System with video detection and emergency pre-emption. Justification: This project will make the intersection more reliable and maintainable, and new equipment will meet the latest ADA accessibility requirements. This project was approved by Mayor and Council on December 5, 2006 for RTA funding.									Project ID: SG02 Start Date: 12/06 End Date: 6/08 Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	200.0	50.0	-	50.0	-	-	-	-	50.0	-	250.0
Total	200.0	50.0	-	50.0	-	-	-	-	50.0	-	250.0

Changeable Message Signs Description: Install changeable message signs on city arterials in advance of freeway interchanges to alert drivers of incidents or accidents on the freeway. Justification: These improvements will improve safety and traffic flow by allowing drivers to choose an alternate route.									Project ID: S771 Start Date: 7/07 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capital Agreement Fund: PAG	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Total	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0

Transportation - Traffic Signals

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Communication System Improvements										Project ID: S770					
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.													Start Date: 7/06		
													End Date: 6/08		
													Location: Citywide		
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.															
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project				
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012							
Federal Highway Administration Grants	-	-	1,700.0	1,700.0	-	-	-	-	1,700.0	-	1,700.0				
Highway User Revenue Fund	-	60.0	129.0	189.0	-	-	-	-	189.0	-	189.0				
Total	-	60.0	1,829.0	1,889.0	-	-	-	-	1,889.0	-	1,889.0				

Control Center to South Tucson Connection										Project ID: S78B					
Description: Connect the city traffic operations center to the City of South Tucson; this project will include communications and network equipment.													Start Date: 7/05		
													End Date: 6/08		
													Location: Wards 1, 5, and 6		
Justification: The City of South Tucson is a Pima Association of Governments regional member responsible for the control and operations of traffic signals in their jurisdiction. This connection will enhance signal coordination across jurisdictional boundaries.															
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project				
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012							
2000 Street and Highway Revenue Bond Funds	16.2	9.8	-	9.8	-	-	-	-	9.8	-	26.0				
Federal Highway Administration Grants	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0				
Total	16.2	109.8	-	109.8	-	-	-	-	109.8	-	126.0				

Transportation - Traffic Signals

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Intelligent Transportation System Improvements										Project ID: S752		
Description: Design and construct upgrades to the Intelligent Transportation System in accordance with the Regional Communications Plan, including the installation of a communications link between the Tucson Operations Center and other metro area locations. In Fiscal Year 2008, the connection between the Tucson Operations Center and Pima Association of Governments will be completed.												
Justification: As the regional coordinator, Pima Association of Governments will be able to monitor all signalized intersections for the Tucson Metro area; other jurisdictions will be able to monitor their own signalized intersections.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1994 Street and Highway Revenue Bond Funds	41.9	-	-	-	-	-	-	-	-	-	41.9	
2000 Street and Highway Revenue Bond Funds	162.0	-	-	-	-	-	-	-	-	-	162.0	
Capital Agreement Fund	73.4	-	-	-	-	-	-	-	-	-	73.4	
Federal Highway Administration Grants	37.7	37.0	-	37.0	-	-	-	-	37.0	-	74.7	
Total	315.0	37.0	-	37.0	-	-	-	-	37.0	-	352.0	

Intelligent Transportation System: ATLAS										Project ID: SC03		
Description: Acquire and test new equipment associated with Intelligent Transportation System technologies in partnership with the University of Arizona's ATLAS (Advanced Traffic and Logistics Algorithms and Software) research center.												
Justification: The goal of this project is to reduce congestion and improve safety.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Regional Transportation Authority Fund	50.0	-	50.0	50.0	-	-	-	-	50.0	-	100.0	
Total	50.0	-	50.0	50.0	-	-	-	-	50.0	-	100.0	

Transportation - Traffic Signals

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Intelligent Transportation System: ER Link Description: Construct a telemedicine system that will transmit patient audio and video vital signs from a paramedic vehicle to an emergency room (ER). Justification: This linking of paramedic vehicles and emergency rooms will improve medical diagnostic time and emergency care, accelerate the clearing of accident scenes, and reduce the potential for secondary accidents.									Project ID: S820 Start Date: 7/01 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Federal Highway Administration Grants	1,600.6	-	325.0	325.0	-	-	-	-	325.0	-	1,925.6
Total	1,600.6	-	325.0	325.0	-	-	-	-	325.0	-	1,925.6

Living Transportation Laboratory Description: Design and construct signal optimization improvements through the Living Transportation Laboratory in conjunction with the University of Arizona College of Engineering and Mines ATLAS (Advanced Traffic and Logistics Algorithms and Software) Research Center. Justification: These improvements will facilitate research into traffic signal coordination and transportation efficiencies.									Project ID: S790 Start Date: 7/05 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Federal Highway Administration Grants	-	125.0	-	125.0	-	-	-	-	125.0	-	125.0
Highway User Revenue Fund	-	8.0	-	8.0	-	-	-	-	8.0	-	8.0
Total	-	133.0	-	133.0	-	-	-	-	133.0	-	133.0

Transportation - Traffic Signals

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Nogales Highway and Drexel Signal Upgrade										Project ID: SG05		
Description: Design and construct upgrades to an existing traffic signal, including video detection and emergency pre-emption.										Start Date: 12/06		
										End Date: 7/08		
										Location: Wards 1 and 5		
Justification: This project will make the intersection more reliable and maintainable, and the new equipment will meet the latest ADA accessibility requirements. This project was approved by Mayor and Council on December 5, 2006 for RTA funding.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Regional Transportation Authority Fund	175.0	75.0	-	75.0	-	-	-	-	75.0	-	250.0	
Total	175.0	75.0	-	75.0	-	-	-	-	75.0	-	250.0	

Old Vail and Valencia Signal Upgrade										Project ID: SG06		
Description: Reactivate and upgrade the traffic signal at this intersection in Rita Ranch.										Start Date: 12/06		
										End Date: 7/08		
										Location: Ward 4		
Justification: This signal will facilitate bicycle and pedestrian crossing on a heavily traveled roadway. This project was approved by Mayor and Council on December 5, 2006 for RTA funding.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Regional Transportation Authority Fund	175.0	25.0	50.0	75.0	-	-	-	-	75.0	-	250.0	
Total	175.0	25.0	50.0	75.0	-	-	-	-	75.0	-	250.0	

Transportation - Traffic Signals

(\$000)

Pre-emption and Transit Signal Priority Description: Expand and upgrade the emergency pre-emption program. Justification: Signal pre-emption improves safety for drivers and emergency vehicle personnel by assigning traffic control to the approaching emergency vehicle. Installation of this equipment will allow buses to extend the green time at traffic signals to provide more efficient passenger service.									Project ID: SC02 Start Date: 11/06 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	25.0	-	75.0	75.0	-	-	-	-	75.0	-	100.0
Total	25.0	-	75.0	75.0	-	-	-	-	75.0	-	100.0

Regional Transportation Data Network 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.									Project ID: S701 Start Date: 7/06 End Date: 6/11 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Federal Highway Administration Grants	50.0	-	600.0	600.0	1,340.0	1,000.0	20.0	-	2,960.0	-	3,010.0
Total	50.0	-	600.0	600.0	1,340.0	1,000.0	20.0	-	2,960.0	-	3,010.0

Transportation - Traffic Signals

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Rita Road and Old Vail Signal Upgrade Description: Reactivate and upgrade the traffic signal at this intersection in Rita Ranch. Justification: The signal will facilitate bicycle and pedestrian crossing on a heavily traveled roadway. This project was approved by Mayor and Council on December 5, 2006 for RTA funding.									Project ID: SG07 Start Date: 12/06 End Date: 7/08 Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0
Total	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0

School Flasher Construction Description: Design and construct jointly-funded school flashers or signals. Justification: School flashers and signals are requested by school districts to improve pedestrian safety for their students.									Project ID: S920 Start Date: 7/01 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
1994 Street and Highway Revenue Bond Funds	0.7	-	-	-	-	-	-	-	-	-	0.7
Capital Agreement Fund	18.1	-	150.5	150.5	-	-	-	-	150.5	-	168.6
Highway User Revenue Fund	49.3	150.5	-	150.5	-	-	-	-	150.5	-	199.8
Total	68.1	150.5	150.5	301.0	-	-	-	-	301.0	-	369.1

Transportation - Traffic Signals

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Starr Pass and La Cholla Traffic Signal Description: Design and construct a traffic signal at this intersection located near Cholla Magnet High School. Justification: Construction of the signal will facilitate bicycle and pedestrian crossing on a heavily traveled roadway. This project was approved by Mayor and Council on December 5, 2006 for RTA funding.									Project ID: SG01 Start Date: 12/06 End Date: 6/08 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	12.0	3.0	26.0	29.0	-	-	-	-	29.0	-	41.0
Total	12.0	3.0	26.0	29.0	-	-	-	-	29.0	-	41.0

Stone Avenue and Glenn Signal Upgrade Description: Design and construct upgrades to an existing traffic signal including video detection and emergency pre-emption. Justification: This project will make the intersection more reliable and maintainable, and the new equipment will meet the latest ADA accessibility requirements. This project was approved by Mayor and Council on December 5, 2006 for RTA funding.									Project ID: SG03 Start Date: 12/06 End Date: 7/08 Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Regional Transportation Authority Fund	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0
Total	175.0	-	75.0	75.0	-	-	-	-	75.0	-	250.0

Transportation - Traffic Signals

(\$000)

Traffic Signal and Control Equipment Description: Upgrade traffic signal and control equipment, including the purchase and installation of uninterruptible power systems (backup batteries). Justification: The backup batteries will improve traffic safety and reduce reliance on police officer traffic management during power outages.									Project ID: S850 Start Date: 7/07 End Date: 6/10 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Federal Highway Administration Grants	-	-	425.0	425.0	-	400.0	-	-	825.0	-	825.0
Highway User Revenue Fund	-	-	25.0	25.0	-	30.0	-	-	55.0	-	55.0
Total	-	-	450.0	450.0	-	430.0	-	-	880.0	-	880.0

Valencia Road Fiber Optic Cabling Description: Install fiber optic cable along Valencia Road from Santa Clara to the Old Nogales Highway. Justification: Seven intersections will be connected via fiber optic instead of leased phone lines. This project will support the University of Arizona RHODES (Real-time Hierarchical Optimized Distributed Effective System) research at Valencia and Interstate 19.									Project ID: S78A Start Date: 7/05 End Date: 6/08 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Street and Highway Revenue Bond Funds	28.6	32.4	-	32.4	-	-	-	-	32.4	-	61.0
Federal Highway Administration Grants	-	175.0	-	175.0	-	-	-	-	175.0	-	175.0
Highway User Revenue Fund	6.2	10.0	-	10.0	-	-	-	-	10.0	-	16.2
Total	34.8	217.4	-	217.4	-	-	-	-	217.4	-	252.2



City of Tucson



Water

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Tucson Water

Five-Year Total: \$ 291,443,900

Tucson Water's Capital Improvement Program (CIP) is the foundation of a water supply plan for the community. This CIP will significantly assist in achieving the long-term goal of attaining safe yield in the Tucson basin, balancing groundwater pumping with replenishment of the aquifer. The five-year program reflects the city's leadership in basin-wide water resource management through the prudent use of groundwater and Colorado River water, the recharge of secondary effluent and reclaimed water, and the expansion of the reclaimed water system. The CIP includes completion of the Southern Avra Valley Storage and Recovery (SAVSARP) facility which will provide the capacity to recharge 60,000 acre-feet annually.

The five-year capital program of \$291.4 million includes improvements to both the potable and reclaimed water systems. The approved five-year CIP is funded from \$93.0 million of the 2005 bond authorization, \$115.1 million in water revenues, \$10.0 million from reserves, \$0.6 from state grants, \$0.10 million from Central Arizona Project Reserve Fund, and \$72.6 million from a future bond authorization that will be needed by Fiscal Year 2010.

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.

The Tucson Water CIP is divided into two program groups: Potable Water System and Reclaimed Water System.

Potable Water System. These projects total \$280.9 million over the next five years. The focus of the potable system program is construction and expansion of the CAP water recharge facilities. With the completion of SAVSARP, Tucson Water will have approximately 160,000 acre-feet of annual recharge capacity by Fiscal Year 2010. Improvements to the system will ensure that customer water use demands are met with high quality water and that the water supply is reliable and meets the safe yield and assured water supply requirements of the Arizona State Groundwater Management Act.

Reclaimed Water System. These projects total \$10.5 million over the next five years. Included are improvements to provide system reliability that will contribute to meeting the safe yield and assured water supply requirements of the Arizona State Groundwater Management Act.

The impact of this five-year CIP on the operating budget ranges from \$1.4 million in Fiscal Year 2008 to \$10.9 million in Fiscal Year 2012. See a following page for the impact by project and funding source.

2005 Water Revenue Bond Authorization

New and Deleted Projects in the FY 2008-2012 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 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		
CAVSARP Booster Expansion	\$ 3,000.0	
CAVSARP Collector Lines	750.0	
Clearwater Chemical Feed System	75.0	
Martin Reservoir Liner Replacement	600.0	
Production Well Sites	13.0	
Rose Elementary Reclaimed Lateral	75.0	
SAVSARP Collection Pipelines	2,000.0	
SCADA Communications Upgrade	75.0	
Tucson Water Document Management	260.0	
Vista Las Catalinas Main Replacement	100.0	
Well I-002B Upgrades	150.0	
Newly Created Projects Total	\$ 7,098.0	
	Previous Allocation	Current Funding Source
Projects No Longer Funded by 2005 Water Revenue Bonds		
Alvernon/La Paloma Reclaimed Transmission Main	\$ 1,440.0	Water revenues
Distribution Main Projects - General	500.0	Water revenues
Facility Security Grant	250.0	Water revenues
Fireflow Booster Upgrades	30.0	Future revenue bonds
Hayden-Udall D-B Pressure Regulation Valve	1,600.0	Water revenues
Ina Road Booster	844.0	Water revenues
Ina Road Reclaimed Facility	1,800.0	Water revenues
Ina Road Reservoir	2,100.0	Water revenues
La Entrada Structure Remedy	270.0	Water revenues
(continued on next page)		

2005 Water Revenue Bond Authorization
New and Deleted Projects in the FY 2008-2012 CIP
(\$000)

	<u>Previous Allocation</u>	<u>Current Funding Source</u>
Projects No Longer Funded by 2005 Water Revenue Bonds (continued)		
La Paloma Reservoir Expansion	\$ 3,090.0	Water revenues
Norris/Main Reclaimed Transmission Main	100.0	Future revenue bonds
Peppertree Ranch Y Zone Reservoir	668.0	Future revenue bonds
Roger Road Reservoir Expansion	1,780.0	Water revenues
Seneca/Palo Verde Reclaimed Distribution Main	170.0	Water revenues
Southeast C Zone Reservoir	55.0	Future revenue bonds
Southeast C Zone Transmission Main	400.0	Future revenue bonds
Spencer Avenue Storage and Booster Station	1,000.0	Water revenues
Sunrise Reclaimed Reservoir	94.0	Water revenues
Technical Drive Improvements	1,353.0	Water revenues
Valley View Vault and Piping Modifications	300.0	Water revenues
Westside C Zone Reservoir	824.0	Future revenue bonds
Westside C Zone Transmission Main	500.0	Water revenues
No Longer Funded with 2005 Bonds Total	\$ 19,168.0	

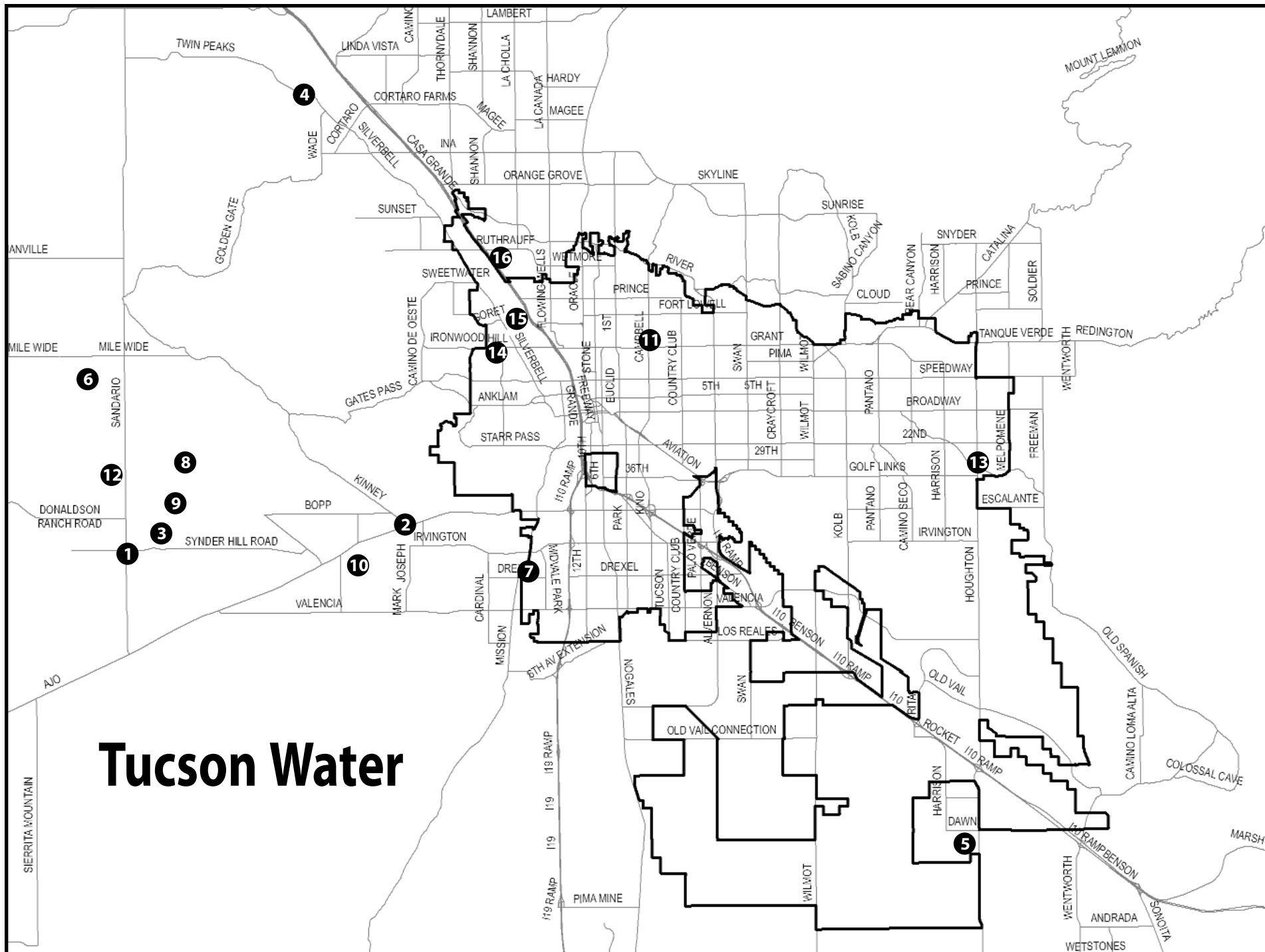
Tucson Water: CIP Impact on the Operating Budget

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 2008	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total
South Avra Valley Storage and Recovery Project	1,387.2	5,501.8	6,899.8	9,061.0	10,891.0	33,740.7
Total	1,387.2	5,501.8	6,899.8	9,061.0	10,891.0	33,740.7

Source of Funds Summary						
Tucson Water Revenue and Operations Fund	1,387.2	5,501.8	6,899.8	9,061.0	10,891.0	33,740.7
Total	1,387.2	5,501.8	6,899.8	9,061.0	10,891.0	33,740.7



Tucson Water

Map Legend

Tucson Water

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
<u>Recharge and Recovery</u>		<u>Potable Distribution</u>	
1. South Avra Valley Storage and Recovery Project	FY 2009	11. Jefferson Park Addition Main Replacement	FY 2009
		12. SAVSARP Collector Pipelines	FY 2011
<u>Potable Storage</u>		<u>Potable General Plant</u>	
2. Avra Valley Augmentation-Irvington Reservoir	FY 2013	13. Eastside Maintenance Facility	FY 2009
3. South Avra Valley Reservoir and Booster Station	FY 2010		
4. Peppertree Ranch Y Zone Reservoir	FY 2012	<u>Potable Treatment</u>	
5. Southeast G Zone Reservoir	FY 2010	14. Clearwater Chemical Feed System Upgrades	FY 2011
<u>Potable Pumping Plant</u>		<u>Reclaimed Source Development</u>	
6. CAVSARP Booster Expansion	FY 2008	15. Reclaimed Storage and Recovery	FY 2012
<u>Potable Transmission</u>		<u>Reclaimed Pumping Plant</u>	
7. Avra Valley Transmission Main Augmentation	FY 2014	16. Roger Road Plant Booster Expansion	FY 2009
8. South Avra Valley Recovered Transmission Main	FY 2011		
9. South Avra Valley Raw Water Delivery Pipeline	FY 2009		
10. Viviana C Zone Transmission Main	FY 2011		

Tucson Water

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water - Potable Water System	36,865.6	8,812.9	56,047.0	64,859.9	57,707.0	52,534.0	50,402.0	55,442.0	280,944.9	248,603.0	566,413.5
Tucson Water - Reclaimed Water System	4,037.9	1,439.0	1,150.0	2,589.0	1,500.0	470.0	3,470.0	2,470.0	10,499.0	54,605.0	69,141.9
Department Total	40,903.5	10,251.9	57,197.0	67,448.9	59,207.0	53,004.0	53,872.0	57,912.0	291,443.9	303,208.0	635,555.4

Source of Funds Summary											
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	146.6	-	-	-	-	-	-	-	-	-	146.6
2000 Water Revenue Bond Funds	11,008.3	-	-	-	-	-	-	-	-	-	11,008.3
2005 Water Revenue Bond Funds	19,117.8	10,251.9	35,328.0	45,579.9	29,531.0	17,928.0	-	-	93,038.9	-	112,156.7
Central Arizona Project Reserve Fund	10.0	-	20.0	20.0	20.0	20.0	20.0	20.0	100.0	-	110.0
Future Water Revenue Bonds	-	-	-	-	-	17,204.0	27,925.0	27,484.0	72,613.0	143,228.0	215,841.0
Tucson Water Fund: State Grants	100.0	-	623.0	623.0	-	-	-	-	623.0	-	723.0
Tucson Water Revenue and Operations Fund	10,520.7	-	21,226.0	21,226.0	19,656.0	17,852.0	25,927.0	30,408.0	115,069.0	159,980.0	285,569.7
Water Infrastructure Reserve Fund	-	-	-	-	10,000.0	-	-	-	10,000.0	-	10,000.0
Department Total	40,903.5	10,251.9	57,197.0	67,448.9	59,207.0	53,004.0	53,872.0	57,912.0	291,443.9	303,208.0	635,555.4

Tucson Water - Potable Water System

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water - Potable Source Development	1,123.4	13.0	3,850.0	3,863.0	3,888.0	6,200.0	5,188.0	6,175.0	25,314.0	16,890.0	43,327.4
Tucson Water - Recharge and Recovery	7,995.9	2,454.1	11,520.0	13,974.1	12,500.0	-	-	-	26,474.1	-	34,470.0
Tucson Water - Potable Storage	3,963.8	3,824.6	1,620.0	5,444.6	7,570.0	11,520.0	5,020.0	15,020.0	44,574.6	45,770.0	94,308.4
Tucson Water - Potable Pumping Plant	905.1	577.0	3,310.0	3,887.0	665.0	1,200.0	465.0	310.0	6,527.0	9,625.0	17,057.1
Tucson Water - Potable Transmission	11,006.9	1,000.0	9,550.0	10,550.0	8,175.0	9,800.0	16,378.0	15,728.0	60,631.0	42,574.0	114,211.9
Tucson Water - Potable Distribution	5,178.6	934.2	10,487.0	11,421.2	10,752.0	12,946.0	11,614.0	7,989.0	54,722.2	69,869.0	129,769.8
Tucson Water - Potable New Services	-	-	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	13,550.0	13,550.0	27,100.0
Tucson Water - Potable General Plant	3,759.3	-	6,600.0	6,600.0	5,557.0	2,158.0	1,777.0	1,010.0	17,102.0	3,325.0	24,186.3
Tucson Water - Potable Treatment	-	-	-	-	-	250.0	1,750.0	1,000.0	3,000.0	19,500.0	22,500.0
Tucson Water - Potable Process Control	2,932.6	10.0	1,400.0	1,410.0	890.0	750.0	500.0	500.0	4,050.0	2,500.0	9,482.6
Tucson Water - Capitalized Expense	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0
Program Total	36,865.6	8,812.9	56,047.0	64,859.9	57,707.0	52,534.0	50,402.0	55,442.0	280,944.9	248,603.0	566,413.5

Source of Funds Summary											
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	145.7	-	-	-	-	-	-	-	-	-	145.7
2000 Water Revenue Bond Funds	9,727.2	-	-	-	-	-	-	-	-	-	9,727.2
2005 Water Revenue Bond Funds	17,045.0	8,812.9	34,393.0	43,205.9	28,276.0	17,673.0	-	-	89,154.9	-	106,199.9
Central Arizona Project Reserve Fund	10.0	-	20.0	20.0	20.0	20.0	20.0	20.0	100.0	-	110.0
Future Water Revenue Bonds	-	-	-	-	-	17,204.0	25,412.0	26,229.0	68,845.0	131,873.0	200,718.0
Tucson Water Fund: State Grants	100.0	-	623.0	623.0	-	-	-	-	623.0	-	723.0
Tucson Water Revenue and Operations Fund	9,837.4	-	21,011.0	21,011.0	19,411.0	17,637.0	24,970.0	29,193.0	112,222.0	116,730.0	238,789.4
Water Infrastructure Reserve Fund	-	-	-	-	10,000.0	-	-	-	10,000.0	-	10,000.0
Program Total	36,865.6	8,812.9	56,047.0	64,859.9	57,707.0	52,534.0	50,402.0	55,442.0	280,944.9	248,603.0	566,413.5

Tucson Water - Potable Source Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
CAVSARP Well Pump Improvements											
2005 Water Revenue Bond Funds	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	600.0	-	-	-	-	-	-	-	-	-	600.0
	600.0	-	600.0	600.0	-	-	-	-	600.0	-	1,200.0
Drill Production Wells											
2005 Water Revenue Bond Funds	-	-	1,500.0	1,500.0	225.0	1,625.0	-	-	3,350.0	-	3,350.0
Future Water Revenue Bonds	-	-	-	-	-	-	2,250.0	2,625.0	4,875.0	4,835.0	9,710.0
Tucson Water Revenue and Operations Fund	-	-	-	-	400.0	1,000.0	-	-	1,400.0	-	1,400.0
Water Infrastructure Reserve Fund	-	-	-	-	2,000.0	-	-	-	2,000.0	-	2,000.0
	-	-	1,500.0	1,500.0	2,625.0	2,625.0	2,250.0	2,625.0	11,625.0	4,835.0	16,460.0
New Well Equipping											
2005 Water Revenue Bond Funds	-	-	1,300.0	1,300.0	925.0	1,425.0	-	-	3,650.0	-	3,650.0
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	2,600.0	3,319.0	7,919.0	7,990.0	15,909.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	81.0	81.0	-	81.0
	-	-	1,300.0	1,300.0	925.0	3,425.0	2,600.0	3,400.0	11,650.0	7,990.0	19,640.0
Pressure Tank Replacement											
2005 Water Revenue Bond Funds	234.8	-	21.0	21.0	-	-	-	-	21.0	-	255.8
Tucson Water Revenue and Operations Fund	288.5	-	279.0	279.0	-	-	-	-	279.0	2,250.0	2,817.5
	523.4	-	300.0	300.0	-	-	-	-	300.0	2,250.0	3,073.4
Production Well Sites											
2005 Water Revenue Bond Funds	-	13.0	-	13.0	-	-	-	-	13.0	-	13.0
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	375.0	625.0
	-	13.0	50.0	63.0	50.0	50.0	50.0	50.0	263.0	375.0	638.0

Tucson Water - Potable Source Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Wellfield Upgrades											
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	288.0	100.0	288.0	100.0	876.0	1,440.0	2,316.0
	-	-	100.0	100.0	288.0	100.0	288.0	100.0	876.0	1,440.0	2,316.0
Program Area Total	1,123.4	13.0	3,850.0	3,863.0	3,888.0	6,200.0	5,188.0	6,175.0	25,314.0	16,890.0	43,327.4
Source of Funds Summary											
2005 Water Revenue Bond Funds	234.8	13.0	3,421.0	3,434.0	1,150.0	3,050.0	-	-	7,634.0	-	7,868.8
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	4,850.0	5,944.0	12,794.0	12,825.0	25,619.0
Tucson Water Revenue and Operations Fund	888.5	-	429.0	429.0	738.0	1,150.0	338.0	231.0	2,886.0	4,065.0	7,839.5
Water Infrastructure Reserve Fund	-	-	-	-	2,000.0	-	-	-	2,000.0	-	2,000.0
Program Area Total	1,123.4	13.0	3,850.0	3,863.0	3,888.0	6,200.0	5,188.0	6,175.0	25,314.0	16,890.0	43,327.4

Tucson Water - Potable Source Development

(\$000)

CAVSARP Well Pump Improvements										Project ID: W553		
Description: Upgrade existing line shafts on CAVSARP well pumps with product lubrication systems.										Start Date: 7/06		
										End Date: 6/08		
										Location: County		
Justification: Product lubrication systems will reduce maintenance and improve operating efficiency by eliminating employee service and repair visits, and will improve reliability of the wells.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0	
Tucson Water Revenue and Operations Fund	600.0	-	-	-	-	-	-	-	-	-	600.0	
Total	600.0	-	600.0	600.0	-	-	-	-	600.0	-	1,200.0	

Drill Production Wells										Project ID: W101		
Description: Annually, design and drill water production wells. This project scope includes drilling 4 additional Central Avra Valley Storage and Recovery Project (CAVSARP) wells, 25 South Avra Valley Storage and Recovery Project Project (SAVSARP) wells, and 8 wells throughout the general service area. The estimated cost per well is \$300,000.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	1,500.0	1,500.0	225.0	1,625.0	-	-	3,350.0	-	3,350.0	
Future Water Revenue Bonds	-	-	-	-	-	-	2,250.0	2,625.0	4,875.0	4,835.0	9,710.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	400.0	1,000.0	-	-	1,400.0	-	1,400.0	
Water Infrastructure Reserve Fund	-	-	-	-	2,000.0	-	-	-	2,000.0	-	2,000.0	
Total	-	-	1,500.0	1,500.0	2,625.0	2,625.0	2,250.0	2,625.0	11,625.0	4,835.0	16,460.0	

Tucson Water - Potable Source Development

(\$000)

New Well Equipping Description: Equip one new general service area production well per year, including its corresponding control panel. In addition, 4 new CAVSARP wells and 17 SAVSARP wells will be equipped. The estimated cost per well is approximately \$450,000. Justification: Equipping of wells is necessary to meet customer demand.										Project ID: W035 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	1,300.0	1,300.0	925.0	1,425.0	-	-	3,650.0	-	3,650.0	
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	2,600.0	3,319.0	7,919.0	7,990.0	15,909.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	81.0	81.0	-	81.0	
Total	-	-	1,300.0	1,300.0	925.0	3,425.0	2,600.0	3,400.0	11,650.0	7,990.0	19,640.0	

Pressure Tank Replacement Description: Design and construct the replacement of pressure tanks at water wells and booster stations. The funding in Fiscal Year 2008 addresses the immediate requirement to replace five pressure tanks. Funds are available in future years to replace tanks not yet identified. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project (CAP) allocation by 2012. Justification: Safety requirements mandate tank replacement for those not meeting code or lacking certification from the American Society of Mechanical Engineers.										Project ID: W075 Start Date: 6/97 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	234.8	-	21.0	21.0	-	-	-	-	21.0	-	255.8	
Tucson Water Revenue and Operations Fund	288.5	-	279.0	279.0	-	-	-	-	279.0	2,250.0	2,817.5	
Total	523.4	-	300.0	300.0	-	-	-	-	300.0	2,250.0	3,073.4	

Tucson Water - Potable Source Development

(\$000)

Production Well Sites Description: Acquire property for new production well sites. Justification: Well sites are needed to meet future demand and to replace obsolete wells.										Project ID: W087 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	13.0	-	13.0	-	-	-	-	13.0	-	13.0	
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	375.0	625.0	
Total	-	13.0	50.0	63.0	50.0	50.0	50.0	50.0	263.0	375.0	638.0	

Wellfield Upgrades Description: Upgrade obsolete pumps and electric motors at water wells. Justification: Upgrades to wells are necessary to maximize their production capacity.										Project ID: W077 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	288.0	100.0	288.0	100.0	876.0	1,440.0	2,316.0	
Total	-	-	100.0	100.0	288.0	100.0	288.0	100.0	876.0	1,440.0	2,316.0	

Tucson Water - Recharge and Recovery

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
South Avra Valley Storage and Recovery Project											
2000 Water Revenue Bond Funds	264.2	-	-	-	-	-	-	-	-	-	264.2
2005 Water Revenue Bond Funds	6,003.9	2,454.1	8,340.5	10,794.6	6,547.0	-	-	-	17,341.6	-	23,345.5
Central Arizona Project Reserve Fund	10.0	-	10.0	10.0	10.0	-	-	-	20.0	-	30.0
Tucson Water Revenue and Operations Fund	1,717.8	-	3,169.5	3,169.5	5,943.0	-	-	-	9,112.5	-	10,830.3
	7,995.9	2,454.1	11,520.0	13,974.1	12,500.0	-	-	-	26,474.1	-	34,470.0
Program Area Total	7,995.9	2,454.1	11,520.0	13,974.1	12,500.0	-	-	-	26,474.1	-	34,470.0
Source of Funds Summary											
2000 Water Revenue Bond Funds	264.2	-	-	-	-	-	-	-	-	-	264.2
2005 Water Revenue Bond Funds	6,003.9	2,454.1	8,340.5	10,794.6	6,547.0	-	-	-	17,341.6	-	23,345.5
Central Arizona Project Reserve Fund	10.0	-	10.0	10.0	10.0	-	-	-	20.0	-	30.0
Tucson Water Revenue and Operations Fund	1,717.8	-	3,169.5	3,169.5	5,943.0	-	-	-	9,112.5	-	10,830.3
Program Area Total	7,995.9	2,454.1	11,520.0	13,974.1	12,500.0	-	-	-	26,474.1	-	34,470.0

Tucson Water - Recharge and Recovery

(\$000)

South Avra Valley Storage and Recovery Project										Project ID: W439		
Description: Design and construct nine recharge basins to recover 60,000 acre-feet/year of CAP water. Construction of the recharge basins is phased between Fiscal Years 2008 and 2009.										Start Date: 7/03		
										End Date: 1/09		
										Location: County		
Justification: The South Avra Valley Storage and Recovery Project will provide for the development of additional water supplies. This project, in combination with the Clearwater Renewable Resource Facility, will provide a renewable water supply for distribution to most of Tucson Water's customers.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	264.2	-	-	-	-	-	-	-	-	-	264.2	
2005 Water Revenue Bond Funds	6,003.9	2,454.1	8,340.5	10,794.6	6,547.0	-	-	-	17,341.6	-	23,345.5	
Central Arizona Project Reserve Fund	10.0	-	10.0	10.0	10.0	-	-	-	20.0	-	30.0	
Tucson Water Revenue and Operations Fund	1,717.8	-	3,169.5	3,169.5	5,943.0	-	-	-	9,112.5	-	10,830.3	
Total	7,995.9	2,454.1	11,520.0	13,974.1	12,500.0	-	-	-	26,474.1	-	34,470.0	

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Avra Valley Augmentation-Irvington Reservoir											
Central Arizona Project Reserve Fund	-	-	-	-	-	-	20.0	20.0	40.0	-	40.0
Future Water Revenue Bonds	-	-	-	-	-	-	3,980.0	3,540.0	7,520.0	10,000.0	17,520.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	6,940.0	6,940.0	-	6,940.0
	-	-	-	-	-	-	4,000.0	10,500.0	14,500.0	10,000.0	24,500.0
Devine Reservoir Vault and Piping Modifications											
2000 Water Revenue Bond Funds	2,708.0	-	-	-	-	-	-	-	-	-	2,708.0
2005 Water Revenue Bond Funds	-	177.0	-	177.0	-	-	-	-	177.0	-	177.0
Tucson Water Revenue and Operations Fund	116.2	-	-	-	-	-	-	-	-	-	116.2
	2,824.2	177.0	-	177.0	-	-	-	-	177.0	-	3,001.2
Disinfection Equipment Upgrades											
2005 Water Revenue Bond Funds	-	744.6	-	744.6	-	-	-	-	744.6	-	744.6
Tucson Water Revenue and Operations Fund	-	-	120.0	120.0	120.0	120.0	120.0	120.0	600.0	600.0	1,200.0
	-	744.6	120.0	864.6	120.0	120.0	120.0	120.0	1,344.6	600.0	1,944.6
Los Reales Reservoir Roof Replacement											
Tucson Water Revenue and Operations Fund	-	-	-	-	250.0	-	-	-	250.0	-	250.0
	-	-	-	-	250.0	-	-	-	250.0	-	250.0
Martin Reservoir - Liner Replacement											
2005 Water Revenue Bond Funds	-	-	50.0	50.0	550.0	-	-	-	600.0	-	600.0
	-	-	50.0	50.0	550.0	-	-	-	600.0	-	600.0
Peppertree Ranch Y Zone Reservoir											
Future Water Revenue Bonds	-	-	-	-	-	-	500.0	3,400.0	3,900.0	-	3,900.0
	-	-	-	-	-	-	500.0	3,400.0	3,900.0	-	3,900.0
Potable Storage - General											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	9,000.0	9,000.0
	-	-	-	-	-	-	-	-	-	9,000.0	9,000.0

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Reservoir Roof Replacements											
2005 Water Revenue Bond Funds	49.0	-	-	-	-	-	-	-	-	-	49.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,020.0	1,020.0
Tucson Water Revenue and Operations Fund	130.0	-	-	-	-	-	-	-	-	-	130.0
	179.0	-	-	-	-	-	-	-	-	1,020.0	1,199.0
South Avra Valley Reservoir and Booster Station											
2000 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	0.1
2005 Water Revenue Bond Funds	10.0	-	250.0	250.0	5,750.0	2,480.0	-	-	8,480.0	-	8,490.0
Central Arizona Project Reserve Fund	-	-	-	-	-	20.0	-	-	20.0	-	20.0
Future Water Revenue Bonds	-	-	-	-	-	6,000.0	-	-	6,000.0	-	6,000.0
Tucson Water Revenue and Operations Fund	0.4	-	-	-	-	-	-	-	-	-	0.4
	10.5	-	250.0	250.0	5,750.0	8,500.0	-	-	14,500.0	-	14,510.5
Southeast C Zone Reservoir											
2000 Water Revenue Bond Funds	1.1	-	-	-	-	-	-	-	-	-	1.1
Future Water Revenue Bonds	-	-	-	-	-	-	400.0	1,000.0	1,400.0	4,500.0	5,900.0
Tucson Water Revenue and Operations Fund	5.5	-	-	-	-	-	-	-	-	-	5.5
	6.6	-	-	-	-	-	400.0	1,000.0	1,400.0	4,500.0	5,906.6
Southeast E Zone Reservoir											
2000 Water Revenue Bond Funds	35.1	-	-	-	-	-	-	-	-	-	35.1
2005 Water Revenue Bond Funds	59.2	-	-	-	-	-	-	-	-	-	59.2
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	4,100.0	4,100.0
Tucson Water Revenue and Operations Fund	76.8	-	-	-	-	-	-	-	-	-	76.8
	171.1	-	-	-	-	-	-	-	-	4,100.0	4,271.1
Southeast F Zone Reservoir											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	4,550.0	4,550.0
	-	-	-	-	-	-	-	-	-	4,550.0	4,550.0

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Southeast G Zone Reservoir											
2005 Water Revenue Bond Funds	-	-	200.0	200.0	50.0	10.0	-	-	260.0	-	260.0
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	-	-	2,000.0	-	2,000.0
Tucson Water Revenue and Operations Fund	1.2	-	-	-	850.0	890.0	-	-	1,740.0	-	1,741.2
	1.2	-	200.0	200.0	900.0	2,900.0	-	-	4,000.0	-	4,001.2
Thornsdale/Tangerine C Zone Reservoir											
2005 Water Revenue Bond Funds	-	2,903.0	-	2,903.0	-	-	-	-	2,903.0	-	2,903.0
Tucson Water Revenue and Operations Fund	650.0	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,650.0
	650.0	2,903.0	1,000.0	3,903.0	-	-	-	-	3,903.0	-	4,553.0
Valley View Vault and Piping Modifications											
2000 Water Revenue Bond Funds	21.4	-	-	-	-	-	-	-	-	-	21.4
Tucson Water Revenue and Operations Fund	99.4	-	-	-	-	-	-	-	-	4,000.0	4,099.4
	120.8	-	-	-	-	-	-	-	-	4,000.0	4,120.8
Westside C Zone Reservoir											
2000 Water Revenue Bond Funds	0.5	-	-	-	-	-	-	-	-	-	0.5
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	8,000.0	8,000.0
	0.5	-	-	-	-	-	-	-	-	8,000.0	8,000.5
Program Area Total	3,963.8	3,824.6	1,620.0	5,444.6	7,570.0	11,520.0	5,020.0	15,020.0	44,574.6	45,770.0	94,308.4
Source of Funds Summary											
2000 Water Revenue Bond Funds	2,766.1	-	-	-	-	-	-	-	-	-	2,766.1
2005 Water Revenue Bond Funds	118.2	3,824.6	500.0	4,324.6	6,350.0	2,490.0	-	-	13,164.6	-	13,282.8
Central Arizona Project Reserve Fund	-	-	-	-	-	20.0	20.0	20.0	60.0	-	60.0
Future Water Revenue Bonds	-	-	-	-	-	8,000.0	4,880.0	7,940.0	20,820.0	41,170.0	61,990.0
Tucson Water Revenue and Operations Fund	1,079.5	-	1,120.0	1,120.0	1,220.0	1,010.0	120.0	7,060.0	10,530.0	4,600.0	16,209.5
Program Area Total	3,963.8	3,824.6	1,620.0	5,444.6	7,570.0	11,520.0	5,020.0	15,020.0	44,574.6	45,770.0	94,308.4

Tucson Water - Potable Storage

(\$000)

Avra Valley Augmentation-Irvington Reservoir 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 (W410). The design phase will begin in Fiscal Year 2011, followed by construction in Fiscal Years 2012 and 2013. Justification: This project will provide additional potable water storage and system reliability.									Project ID: W570 Start Date: 7/10 End Date: 6/13 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Central Arizona Project Reserve Fund	-	-	-	-	-	-	20.0	20.0	40.0	-	40.0
Future Water Revenue Bonds	-	-	-	-	-	-	3,980.0	3,540.0	7,520.0	10,000.0	17,520.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	6,940.0	6,940.0	-	6,940.0
Total	-	-	-	-	-	-	4,000.0	10,500.0	14,500.0	10,000.0	24,500.0

Devine Reservoir Vault and Piping Modifications Description: Design and install inflow and outflow piping, flowmeters, valving, and disinfection equipment at the Devine Reservoir that is located at the northeast corner of First Avenue and Rudasill Road. Justification: These modifications will ensure operational reliability.									Project ID: W319 Start Date: 9/00 End Date: 6/08 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Water Revenue Bond Funds	2,708.0	-	-	-	-	-	-	-	-	-	2,708.0
2005 Water Revenue Bond Funds	-	177.0	-	177.0	-	-	-	-	177.0	-	177.0
Tucson Water Revenue and Operations Fund	116.2	-	-	-	-	-	-	-	-	-	116.2
Total	2,824.2	177.0	-	177.0	-	-	-	-	177.0	-	3,001.2

Tucson Water - Potable Storage

(\$000)

Disinfection Equipment Upgrades Description: Upgrade disinfection equipment at reservoirs and wells. Justification: As disinfection equipment becomes deteriorated or obsolete, it must be replaced to ensure operational reliability.										Project ID: W221 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	744.6	-	744.6	-	-	-	-	744.6	-	744.6	
Tucson Water Revenue and Operations Fund	-	-	120.0	120.0	120.0	120.0	120.0	120.0	600.0	600.0	1,200.0	
Total	-	744.6	120.0	864.6	120.0	120.0	120.0	120.0	1,344.6	600.0	1,944.6	

Los Reales Reservoir Roof Replacement Description: Install a new roof skin, along with improved clips, vents, and ridge cap. Justification: The existing stainless steel clips that hold the aluminum roof skin to the galvanized steel support structure are corroding; the roof vents and ridge cap have blown off several times.										Project ID: W514 Start Date: 8/08 End Date: 3/09 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	250.0	-	-	-	250.0	-	250.0	
Total	-	-	-	-	250.0	-	-	-	250.0	-	250.0	

Tucson Water - Potable Storage

(\$000)

Martin Reservoir - Liner Replacement										Project ID: W579		
Description: Design and construct a new liner for the Martin Reservoir to replace the existing butyl rubber liner.										Start Date: 7/07		
										End Date: 6/09		
										Location: Ward 5		
Justification: The existing liner will reach its 25 year life expectancy in Fiscal Year 2009 and will need to be replaced.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	50.0	50.0	550.0	-	-	-	600.0	-	600.0	
Total	-	-	50.0	50.0	550.0	-	-	-	600.0	-	600.0	

Peppertree Ranch Y Zone Reservoir										Project ID: W226		
Description: Acquire a site, design, and construct a 5 million gallon reservoir in the Continental Ranch (Y Zone) area.										Start Date: 7/10		
										End Date: 6/12		
										Location: County		
Justification: This new reservoir will alleviate pressure problems and provide adequate fireflow and domestic supply to this rapidly growing area. (Fireflow is the amount of water capacity required by the Fire Code.)												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	500.0	3,400.0	3,900.0	-	3,900.0	
Total	-	-	-	-	-	-	500.0	3,400.0	3,900.0	-	3,900.0	

Tucson Water - Potable Storage

(\$000)

Potable Storage - General 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 in all program areas. Justification: Identified projects will provide design improvements to storage facilities for operational reliability, provide adequate water volume and pressure for fire protection service, and reduce the need to develop additional supplies to meet summer peak demand requirements.									Project ID: WB99 Start Date: 7/12 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	9,000.0	9,000.0
Total	-	-	-	-	-	-	-	-	-	9,000.0	9,000.0

Reservoir Roof Replacements Description: Inspect, design, and construct necessary roof modifications. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city use all of its Central Arizona Project allocation by 2012. Justification: These modifications will ensure that reservoirs are secure and sealed from the elements.									Project ID: W996 Start Date: 7/01 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	49.0	-	-	-	-	-	-	-	-	-	49.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,020.0	1,020.0
Tucson Water Revenue and Operations Fund	130.0	-	-	-	-	-	-	-	-	-	130.0
Total	179.0	-	-	-	-	-	-	-	-	1,020.0	1,199.0

Tucson Water - Potable Storage

(\$000)

South Avra Valley Reservoir and Booster Station										Project ID: W442		
Description: Design and construct a 33 million gallons-per-day forebay reservoir and booster in the South Avra Valley area. The design phase of this project will be completed by Fiscal Year 2009 with construction completed in Fiscal Year 2010.												
Justification: This project makes Avra Valley and recovered CAP (Central Arizona Project) water available for blending into the distribution system.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	0.1	
2005 Water Revenue Bond Funds	10.0	-	250.0	250.0	5,750.0	2,480.0	-	-	8,480.0	-	8,490.0	
Central Arizona Project Reserve Fund	-	-	-	-	-	20.0	-	-	20.0	-	20.0	
Future Water Revenue Bonds	-	-	-	-	-	6,000.0	-	-	6,000.0	-	6,000.0	
Tucson Water Revenue and Operations Fund	0.4	-	-	-	-	-	-	-	-	-	0.4	
Total	10.5	-	250.0	250.0	5,750.0	8,500.0	-	-	14,500.0	-	14,510.5	

Southeast C Zone Reservoir										Project ID: W409		
Description: Design and construct a 25 million gallons-per-day booster and a 6 million gallon reservoir. The design will be completed in Fiscal Year 2011, followed by construction in Fiscal Years 2012 and 2013. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.												
Justification: This reservoir will provide system reliability and manage peak demands in the Southeast C Zone.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	1.1	-	-	-	-	-	-	-	-	-	1.1	
Future Water Revenue Bonds	-	-	-	-	-	-	400.0	1,000.0	1,400.0	4,500.0	5,900.0	
Tucson Water Revenue and Operations Fund	5.5	-	-	-	-	-	-	-	-	-	5.5	
Total	6.6	-	-	-	-	-	400.0	1,000.0	1,400.0	4,500.0	5,906.6	

Tucson Water - Potable Storage

(\$000)

Southeast E Zone Reservoir										Project ID: W340		
Description: Design and construct a 4 million gallon reservoir in the Southeast E Zone, parallel to Interstate 10. The design will be completed in Fiscal Year 2007, followed by construction in Fiscal Years 2014 and 2015. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.												
Justification: This project provides additional storage capacity to meet future water demand.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	35.1	-	-	-	-	-	-	-	-	-	35.1	
2005 Water Revenue Bond Funds	59.2	-	-	-	-	-	-	-	-	-	59.2	
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	4,100.0	4,100.0	
Tucson Water Revenue and Operations Fund	76.8	-	-	-	-	-	-	-	-	-	76.8	
Total	171.1	-	-	-	-	-	-	-	-	4,100.0	4,271.1	

Southeast F Zone Reservoir										Project ID: W341		
Description: Acquire a site, design, and construct a 2 million gallon reservoir in the Southeast F Zone, parallel to Interstate 10. The design will be completed in Fiscal Year 2015, followed by construction completion in Fiscal Year 2016.												
Justification: This project provides additional storage capacity to meet future needs.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	4,550.0	4,550.0	
Total	-	-	-	-	-	-	-	-	-	4,550.0	4,550.0	

Tucson Water - Potable Storage

(\$000)

Southeast G Zone Reservoir Description: Design and construct a 5 million gallon reservoir. The design will be completed in Fiscal Year 2008, followed by construction in Fiscal Years 2009 and 2010. Justification: This reservoir will upgrade the storage capacity for the Southeast G Zone service area.									Project ID: W260 Start Date: 6/03 End Date: 6/10 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	-	200.0	200.0	50.0	10.0	-	-	260.0	-	260.0
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	-	-	2,000.0	-	2,000.0
Tucson Water Revenue and Operations Fund	1.2	-	-	-	850.0	890.0	-	-	1,740.0	-	1,741.2
Total	1.2	-	200.0	200.0	900.0	2,900.0	-	-	4,000.0	-	4,001.2

Thornydale/Tangerine C Zone Reservoir 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. Justification: The existing facilities will fall short of meeting projected water demand in the near future. This facility will address projected population growth and increased water demand in this area.									Project ID: W471 Start Date: 7/04 End Date: 6/08 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	2,903.0	-	2,903.0	-	-	-	-	2,903.0	-	2,903.0
Tucson Water Revenue and Operations Fund	650.0	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,650.0
Total	650.0	2,903.0	1,000.0	3,903.0	-	-	-	-	3,903.0	-	4,553.0

Tucson Water - Potable Storage

(\$000)

Valley View Vault and Piping Modifications										Project ID: W360		
Description: Design and install new inflow and outflow piping, flowmeters, valving, and disinfection equipment. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.										Start Date: 7/01		
										End Date: 6/16		
										Location: County		
Justification: The modifications will provide for the proper circulation of stored water and ensure water quality.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	21.4	-	-	-	-	-	-	-	-	-	21.4	
Tucson Water Revenue and Operations Fund	99.4	-	-	-	-	-	-	-	-	4,000.0	4,099.4	
Total	120.8	-	-	-	-	-	-	-	-	4,000.0	4,120.8	

Westside C Zone Reservoir										Project ID: W293		
Description: Design and construct a 500,000 gallon reservoir to serve the El Camino del Cerro C Zone area. The facility will be located near the intersection of Camino del Cerro and Sunset Road. Design and preliminary investigations will be completed by Fiscal Year 2015, followed by construction in Fiscal Years 2016 and 2017. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city use all of its Central Arizona Project allocation by 2012.										Start Date: 7/05		
										End Date: 6/17		
										Location: County		
Justification: This gravity storage project will provide service for anticipated growth.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	0.5	-	-	-	-	-	-	-	-	-	0.5	
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	8,000.0	8,000.0	
Total	0.5	-	-	-	-	-	-	-	-	8,000.0	8,000.5	

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Avra Valley D Zone Pressure Regulating Valves											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	850.0	850.0
	-	-	-	-	-	-	-	-	-	850.0	850.0
CAVSARP Booster Expansion											
2005 Water Revenue Bond Funds	-	-	3,000.0	3,000.0	-	-	-	-	3,000.0	-	3,000.0
	-	-	3,000.0	3,000.0	-	-	-	-	3,000.0	-	3,000.0
Camino Nuestro Pressure Regulating Valve Station											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	190.0	-	-	190.0	-	190.0
	-	-	-	-	-	190.0	-	-	190.0	-	190.0
Diamond Bell Ranch G-I Zone Booster Modification											
1994 Water Revenue Bond Funds	30.0	-	-	-	-	-	-	-	-	-	30.0
2000 Water Revenue Bond Funds	4.2	-	-	-	-	-	-	-	-	-	4.2
2005 Water Revenue Bond Funds	-	184.0	-	184.0	-	-	-	-	184.0	-	184.0
Tucson Water Revenue and Operations Fund	0.6	-	-	-	-	-	-	-	-	-	0.6
	34.8	184.0	-	184.0	-	-	-	-	184.0	-	218.8
El Camino del Cerro Booster Upgrade											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	500.0	-	-	500.0	-	500.0
	-	-	-	-	-	500.0	-	-	500.0	-	500.0
Fireflow Booster Upgrades											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	225.0	225.0
Tucson Water Revenue and Operations Fund	25.0	-	-	-	-	-	-	-	-	-	25.0
	25.0	-	-	-	-	-	-	-	-	225.0	250.0
I-1 Well and Booster Modifications											
1994 Water Revenue Bond Funds	22.9	-	-	-	-	-	-	-	-	-	22.9
2005 Water Revenue Bond Funds	-	36.0	-	36.0	-	-	-	-	36.0	-	36.0
Tucson Water Revenue and Operations Fund	211.6	-	-	-	-	-	-	-	-	-	211.6
	234.5	36.0	-	36.0	-	-	-	-	36.0	-	270.5

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Las Palomas B-C Booster Station Modifications											
2000 Water Revenue Bond Funds	209.2	-	-	-	-	-	-	-	-	-	209.2
2005 Water Revenue Bond Funds	89.0	207.0	-	207.0	-	-	-	-	207.0	-	296.0
Tucson Water Revenue and Operations Fund	46.7	-	-	-	-	-	-	-	-	-	46.7
	344.9	207.0	-	207.0	-	-	-	-	207.0	-	551.9
Magee Road Pressure Regulating Valve											
Tucson Water Revenue and Operations Fund	-	-	-	-	155.0	-	-	-	155.0	-	155.0
	-	-	-	-	155.0	-	-	-	155.0	-	155.0
Mark Road Booster Station Modifications											
2000 Water Revenue Bond Funds	14.8	-	-	-	-	-	-	-	-	-	14.8
2005 Water Revenue Bond Funds	50.0	-	-	-	-	-	-	-	-	-	50.0
Tucson Water Revenue and Operations Fund	1.1	-	-	-	-	-	-	-	-	-	1.1
Water Infrastructure Reserve Fund	-	-	-	-	200.0	-	-	-	200.0	-	200.0
	65.9	-	-	-	200.0	-	-	-	200.0	-	265.9
Potable Pumping Plant - General											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	7,000.0	7,000.0
	-	-	-	-	-	-	-	-	-	7,000.0	7,000.0
Pumping Facility Modifications											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,550.0	1,550.0
Tucson Water Revenue and Operations Fund	-	-	310.0	310.0	310.0	310.0	310.0	310.0	1,550.0	-	1,550.0
	-	-	310.0	310.0	310.0	310.0	310.0	310.0	1,550.0	1,550.0	3,100.0
Snyder Hill D Zone Booster Station											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	200.0	-	-	200.0	-	200.0
	-	-	-	-	-	200.0	-	-	200.0	-	200.0
Sunset Road Pressure Regulating Valve											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	155.0	-	155.0	-	155.0
	-	-	-	-	-	-	155.0	-	155.0	-	155.0

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Well I-002B Upgrades											
2005 Water Revenue Bond Funds	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Tucson Water Revenue and Operations Fund	200.0	-	-	-	-	-	-	-	-	-	200.0
	200.0	150.0	-	150.0	-	-	-	-	150.0	-	350.0
Program Area Total	905.1	577.0	3,310.0	3,887.0	665.0	1,200.0	465.0	310.0	6,527.0	9,625.0	17,057.1
Source of Funds Summary											
1994 Water Revenue Bond Funds	52.9	-	-	-	-	-	-	-	-	-	52.9
2000 Water Revenue Bond Funds	228.2	-	-	-	-	-	-	-	-	-	228.2
2005 Water Revenue Bond Funds	139.0	577.0	3,000.0	3,577.0	-	-	-	-	3,577.0	-	3,716.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	2,625.0	2,625.0
Tucson Water Revenue and Operations Fund	485.0	-	310.0	310.0	465.0	1,200.0	465.0	310.0	2,750.0	7,000.0	10,235.0
Water Infrastructure Reserve Fund	-	-	-	-	200.0	-	-	-	200.0	-	200.0
Program Area Total	905.1	577.0	3,310.0	3,887.0	665.0	1,200.0	465.0	310.0	6,527.0	9,625.0	17,057.1

Tucson Water - Potable Pumping Plant

(\$000)

Avra Valley D Zone Pressure Regulating Valves Description: Design and construct four pressure regulating valve stations, metering, and control devices on the 66-inch Avra Valley augmentation, 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.									Project ID: W527 Start Date: 7/12 End Date: 6/15 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	850.0	850.0
Total	-	-	-	-	-	-	-	-	-	850.0	850.0

Camino Nuestro Pressure Regulating Valve Station Description: Acquire a site, design, and construct a pressure regulating valve station; install 1,000 feet of new 8-inch diameter piping; and enclose the site. Justification: This project will provide fireflow to existing customers' fire hydrants in the Oxbow Road and Sweetwater Drive neighborhood of Tucson Foothills Estates. (Fireflow is the amount of water capacity required by the Fire Code.)									Project ID: W580 Start Date: 7/09 End Date: 6/10 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	190.0	-	-	190.0	-	190.0
Total	-	-	-	-	-	190.0	-	-	190.0	-	190.0

Tucson Water - Potable Pumping Plant

(\$000)

CAVSARP Booster Expansion										Project ID: W571					
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.													Start Date: 7/07		
													End Date: 6/08		
													Location: County		
Justification: This project will increase the capability to move recovered Central Arizona Project (CAP) water into the Tucson Water distribution system from the Clearwater Facility in Avra Valley.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
2005 Water Revenue Bond Funds		-	-	3,000.0	3,000.0	-	-	-	-	3,000.0	-	3,000.0			
Total		-	-	3,000.0	3,000.0	-	-	-	-	3,000.0	-	3,000.0			

Diamond Bell Ranch G-I Zone Booster Modification										Project ID: W229					
Description: Design and construct modifications to upgrade the existing booster equipment. A new forebay storage will also be installed.													Start Date: 7/99		
													End Date: 6/08		
													Location: County		
Justification: These modifications are needed to ensure reliability of the system.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
1994 Water Revenue Bond Funds		30.0	-	-	-	-	-	-	-	-	-	30.0			
2000 Water Revenue Bond Funds		4.2	-	-	-	-	-	-	-	-	-	4.2			
2005 Water Revenue Bond Funds		-	184.0	-	184.0	-	-	-	-	184.0	-	184.0			
Tucson Water Revenue and Operations Fund		0.6	-	-	-	-	-	-	-	-	-	0.6			
Total		34.8	184.0	-	184.0	-	-	-	-	184.0	-	218.8			

Tucson Water - Potable Pumping Plant

(\$000)

<div><div>El Camino del Cerro Booster Upgrade</div><div>Description: Design and construct upgrades to increase the fireflow capacity to residential customers in the water service area supplied by this facility. Improvements include upgrading electrical service and the instrumentation and control system, as well as increasing the size of the piping and flow meters.</div><div>Justification: This project will provide committed fireflow to residential customers in the water service areas supplied by this facility. (Fireflow is the amount of water capacity required by the Fire Code.)</div></div>										<div>Project ID: W517</div> <div>Start Date: 9/09</div> <div>End Date: 6/10</div> <div>Location: County</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	500.0	-	-	500.0	-	500.0	
Total	-	-	-	-	-	500.0	-	-	500.0	-	500.0	

<div><div>Fireflow Booster Upgrades Description: Design and install fireflow pumps, and upgrade piping and other equipment at various booster stations located inside the city limits. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.</div><div>Justification: These upgrades are needed to provide adequate fireflow capacity. (Fireflow is the amount of water capacity required by the Fire Code.)</div></div>										<div>Project ID: W234 Start Date: 6/07 End Date: 6/17 Location: Citywide</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	225.0	225.0	
Tucson Water Revenue and Operations Fund	25.0	-	-	-	-	-	-	-	-	-	25.0	
Total	25.0	-	-	-	-	-	-	-	-	225.0	250.0	

Tucson Water - Potable Pumping Plant

(\$000)

I-1 Well and Booster Modifications										Project ID: W158		
Description: Design and construct modifications to upgrade electrical equipment, pumps, instrumentation, piping, and safety features.										Start Date: 7/04		
										End Date: 10/07		
										Location: County		
Justification: These modifications will improve well and booster station operation and increase production capacity.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1994 Water Revenue Bond Funds	22.9	-	-	-	-	-	-	-	-	-	22.9	
2005 Water Revenue Bond Funds	-	36.0	-	36.0	-	-	-	-	36.0	-	36.0	
Tucson Water Revenue and Operations Fund	211.6	-	-	-	-	-	-	-	-	-	211.6	
Total	234.5	36.0	-	36.0	-	-	-	-	36.0	-	270.5	

Las Palomas B-C Booster Station Modifications										Project ID: W391		
Description: Relocate the existing booster station and upgrade its equipment.										Start Date: 10/01		
										End Date: 1/08		
										Location: County		
Justification: The equipment upgrade will ensure operational efficiency to pump water to a higher elevation reservoir.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	209.2	-	-	-	-	-	-	-	-	-	209.2	
2005 Water Revenue Bond Funds	89.0	207.0	-	207.0	-	-	-	-	207.0	-	296.0	
Tucson Water Revenue and Operations Fund	46.7	-	-	-	-	-	-	-	-	-	46.7	
Total	344.9	207.0	-	207.0	-	-	-	-	207.0	-	551.9	

Tucson Water - Potable Pumping Plant

(\$000)

<div><div>Magee Road Pressure Regulating Valve</div><div><div>Description:</div><div>Acquire a site, design, and construct a pressure regulating valve station; install 8-inch diameter piping; and enclose the site.</div></div><div><div>Justification:</div><div>This project will connect the H and G Zones in the Magee Road and Christie Drive area.</div></div></div>										<div>Project ID: W582</div> <div>Start Date: 7/08</div> <div>End Date: 6/09</div> <div>Location: County</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund		-	-	-	-	155.0	-	-	-	155.0	-	155.0
Total		-	-	-	-	155.0	-	-	-	155.0	-	155.0

Mark Road Booster Station Modifications										Project ID: W392		
Description: Relocate the existing booster and upgrade its equipment to reduce the potential for site flooding. The equipment upgrades will improve operational efficiency. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.										Start Date: 3/03		
										End Date: 12/08		
										Location: County		
Justification: The relocation is needed to reduce the potential for site flooding. The equipment upgrades will ensure operational efficiency and provide reliable service to customers.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	14.8	-	-	-	-	-	-	-	-	-	14.8	
2005 Water Revenue Bond Funds	50.0	-	-	-	-	-	-	-	-	-	50.0	
Tucson Water Revenue and Operations Fund	1.1	-	-	-	-	-	-	-	-	-	1.1	
Water Infrastructure Reserve Fund	-	-	-	-	200.0	-	-	-	200.0	-	200.0	
Total	65.9	-	-	-	200.0	-	-	-	200.0	-	265.9	

Tucson Water - Potable Pumping Plant

(\$000)

Potable Pumping Plant - General 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. Justification: This project will ensure that the utility can meet future water demands.									Project ID: WC99 Start Date: 7/12 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	7,000.0	7,000.0
Total	-	-	-	-	-	-	-	-	-	7,000.0	7,000.0

Pumping Facility Modifications 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.									Project ID: W254 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,550.0	1,550.0
Tucson Water Revenue and Operations Fund	-	-	310.0	310.0	310.0	310.0	310.0	310.0	1,550.0	-	1,550.0
Total	-	-	310.0	310.0	310.0	310.0	310.0	310.0	1,550.0	1,550.0	3,100.0

Tucson Water - Potable Pumping Plant

(\$000)

Snyder Hill D Zone Booster Station										Project ID: W581		
Description: Design and construct a 3,500 gallons-per-minute booster with an independent power supply to be added to the Snyder Hill Pumping Station facility.										Start Date: 7/09		
										End Date: 6/10		
										Location: County		
Justification: This booster will be variable speed and will connect into an existing 15-inch pipe network to provide a backup water supply to the D Zone area customers.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	200.0	-	-	200.0	-	200.0	
Total	-	-	-	-	-	200.0	-	-	200.0	-	200.0	

Sunset Road Pressure Regulating Valve										Project ID: W583		
Description: Acquire a site, design, and construct a pressure reducing valve station; install 8-inch diameter piping; and enclose the site.										Start Date: 7/10		
										End Date: 6/11		
										Location: County		
Justification: This project will provide adequate fireflow within this westside neighborhood of Tucson Mountain Reserve. (Fireflow is the water capacity required by the Fire Code.)												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	155.0	-	155.0	-	155.0	
Total	-	-	-	-	-	-	155.0	-	155.0	-	155.0	

Tucson Water - Potable Pumping Plant

(\$000)

Well I-002B Upgrades										Project ID: W563		
Description: Design and construct new public well and storage facility upgrades to increase capacity to provide a minimum 2 hour fireflow.										Start Date: 7/06		
										End Date: 6/08		
										Location: County		
Justification: Tucson Water entered into water service agreements to supply fireflow to customers in the Town of Catalina. This project brings Tucson Water into compliance with Arizona Department of Environmental Quality (ADEQ) minimum water system pressure.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0	
Tucson Water Revenue and Operations Fund	200.0	-	-	-	-	-	-	-	-	-	200.0	
Total	200.0	150.0	-	150.0	-	-	-	-	150.0	-	350.0	

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Alvernon Way/Valencia C Zone Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	4,433.0	4,433.0
	-	-	-	-	-	-	-	-	-	4,433.0	4,433.0
Avra Valley Transmission Main Augmentation											
2005 Water Revenue Bond Funds	1,817.9	-	-	-	-	-	-	-	-	-	1,817.9
Future Water Revenue Bonds	-	-	-	-	-	-	450.0	3,105.0	3,555.0	5,585.0	9,140.0
Tucson Water Revenue and Operations Fund	10.3	-	-	-	-	602.0	-	10,966.0	11,568.0	5,752.0	17,330.3
	1,828.2	-	-	-	-	602.0	450.0	14,071.0	15,123.0	11,337.0	28,288.2
Cathodic Protection for Critical Pipelines											
2000 Water Revenue Bond Funds	641.4	-	-	-	-	-	-	-	-	-	641.4
2005 Water Revenue Bond Funds	1,035.5	-	-	-	-	-	-	-	-	-	1,035.5
Tucson Water Revenue and Operations Fund	355.6	-	300.0	300.0	-	-	-	-	300.0	-	655.6
	2,032.6	-	300.0	300.0	-	-	-	-	300.0	-	2,332.6
Country Club/36th St D Zone Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	6,699.0	6,699.0
	-	-	-	-	-	-	-	-	-	6,699.0	6,699.0
Pipeline Protection: Manhole Upgrades											
2005 Water Revenue Bond Funds	1,174.8	-	115.0	115.0	120.0	125.0	-	-	360.0	-	1,534.8
Future Water Revenue Bonds	-	-	-	-	-	-	120.0	-	120.0	-	120.0
Tucson Water Revenue and Operations Fund	3.4	-	-	-	-	-	-	-	-	-	3.4
	1,178.3	-	115.0	115.0	120.0	125.0	120.0	-	480.0	-	1,658.3
Rehabilitation of Critical Transmission Mains											
Future Water Revenue Bonds	-	-	-	-	-	-	150.0	500.0	650.0	-	650.0
Tucson Water Revenue and Operations Fund	485.6	-	135.0	135.0	140.0	145.0	-	-	420.0	-	905.6
	485.6	-	135.0	135.0	140.0	145.0	150.0	500.0	1,070.0	-	1,555.6

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
South Avra Valley Raw Water Delivery Pipeline											
2000 Water Revenue Bond Funds	172.6	-	-	-	-	-	-	-	-	-	172.6
2005 Water Revenue Bond Funds	2,920.3	1,000.0	4,490.0	5,490.0	4,990.0	-	-	-	10,480.0	-	13,400.3
Central Arizona Project Reserve Fund	-	-	10.0	10.0	10.0	-	-	-	20.0	-	20.0
Tucson Water Revenue and Operations Fund	13.0	-	4,500.0	4,500.0	750.0	-	-	-	5,250.0	-	5,263.0
	3,106.0	1,000.0	9,000.0	10,000.0	5,750.0	-	-	-	15,750.0	-	18,856.0
South Avra Valley Recovered Transmission Main											
2005 Water Revenue Bond Funds	-	-	-	-	1,000.0	1,776.0	-	-	2,776.0	-	2,776.0
Future Water Revenue Bonds	-	-	-	-	-	3,204.0	4,794.0	-	7,998.0	-	7,998.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	20.0	10,206.0	-	10,226.0	-	10,226.0
	-	-	-	-	1,000.0	5,000.0	15,000.0	-	21,000.0	-	21,000.0
Southeast C Zone Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	400.0	1,157.0	1,557.0	2,000.0	3,557.0
	-	-	-	-	-	-	400.0	1,157.0	1,557.0	2,000.0	3,557.0
Southeast E Zone Transmission Main											
2000 Water Revenue Bond Funds	2,099.0	-	-	-	-	-	-	-	-	-	2,099.0
2005 Water Revenue Bond Funds	72.0	-	-	-	-	-	-	-	-	-	72.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	2,990.0	2,990.0
Tucson Water Revenue and Operations Fund	92.7	-	-	-	-	-	-	-	-	-	92.7
	2,263.6	-	-	-	-	-	-	-	-	2,990.0	5,253.6
Southeast F Zone Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	3,300.0	3,300.0
	-	-	-	-	-	-	-	-	-	3,300.0	3,300.0
Southside A Zone Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	2,565.0	2,565.0
	-	-	-	-	-	-	-	-	-	2,565.0	2,565.0

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Transmission Main Projects - General											
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	-	-	2,000.0	9,000.0	11,000.0
	-	-	-	-	-	2,000.0	-	-	2,000.0	9,000.0	11,000.0
Upgrade Corrosion Test Stations											
Tucson Water Revenue and Operations Fund	59.3	-	-	-	-	-	-	-	-	250.0	309.3
	59.3	-	-	-	-	-	-	-	-	250.0	309.3
Viviana Road C Zone Transmission Main											
2005 Water Revenue Bond Funds	10.1	-	-	-	1,165.0	1,928.0	-	-	3,093.0	-	3,103.1
Tucson Water Revenue and Operations Fund	43.3	-	-	-	-	-	258.0	-	258.0	-	301.3
	53.5	-	-	-	1,165.0	1,928.0	258.0	-	3,351.0	-	3,404.5
Program Area Total	11,006.9	1,000.0	9,550.0	10,550.0	8,175.0	9,800.0	16,378.0	15,728.0	60,631.0	42,574.0	114,211.9

Source of Funds Summary											
2000 Water Revenue Bond Funds	2,913.0	-	-	-	-	-	-	-	-	-	2,913.0
2005 Water Revenue Bond Funds	7,030.6	1,000.0	4,605.0	5,605.0	7,275.0	3,829.0	-	-	16,709.0	-	23,739.6
Central Arizona Project Reserve Fund	-	-	10.0	10.0	10.0	-	-	-	20.0	-	20.0
Future Water Revenue Bonds	-	-	-	-	-	5,204.0	5,914.0	4,762.0	15,880.0	36,572.0	52,452.0
Tucson Water Revenue and Operations Fund	1,063.2	-	4,935.0	4,935.0	890.0	767.0	10,464.0	10,966.0	28,022.0	6,002.0	35,087.2
Program Area Total	11,006.9	1,000.0	9,550.0	10,550.0	8,175.0	9,800.0	16,378.0	15,728.0	60,631.0	42,574.0	114,211.9

Tucson Water - Potable Transmission

(\$000)

Alvernon Way/Valencia C Zone Transmission Main										Project ID: W531		
Description: Design and construct 10,560 feet of 48-inch transmission main 1 mile east on Bilby from Country Club and 1 mile south on Alvernon Way to Valencia Road. Design is scheduled in Fiscal Year 2015, followed by construction in Fiscal Year 2016.										Start Date: 9/14		
										End Date: 6/16		
										Location: City and County		
Justification: This transmission main will connect the Clearwell Transmission Main to the southeast system of mains, reservoirs, and boosters. Additionally, it will provide backup transmission capacity from the Avra Valley Augmentation Main by forming a looped system.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	4,433.0	4,433.0	
Total	-	-	-	-	-	-	-	-	-	4,433.0	4,433.0	

Avra Valley Transmission Main Augmentation										Project ID: W410		
Description: Design and construct 58,080 feet of 66-inch backup transmission main to deliver water from the Hayden-Udall Treatment Plant to the central system (intersection of Bilby and Country Club). The second phase design will be completed by Fiscal Year 2010 with construction completed in Fiscal Year 2013. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.										Start Date: 7/06		
										End Date: 7/13		
										Location: City and County		
Justification: This project will provide reliable delivery of Clearwater and Avra Valley water to the central system by creating an alternate delivery route.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	1,817.9	-	-	-	-	-	-	-	-	-	1,817.9	
Future Water Revenue Bonds	-	-	-	-	-	-	450.0	3,105.0	3,555.0	5,585.0	9,140.0	
Tucson Water Revenue and Operations Fund	10.3	-	-	-	-	602.0	-	10,966.0	11,568.0	5,752.0	17,330.3	
Total	1,828.2	-	-	-	-	602.0	450.0	14,071.0	15,123.0	11,337.0	28,288.2	

Tucson Water - Potable Transmission

(\$000)

Cathodic Protection for Critical Pipelines										Project ID: W320		
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.										Start Date: 7/01		
										End Date: 6/08		
										Location: City and County		
Justification: This project is necessary as a precautionary measure to prevent corrosion-related failure of the city's largest and most critical pipelines.												
		Adopted Fiscal Year 2008			Projected Requirements							
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total	Future Years	Total Project	
2000 Water Revenue Bond Funds	641.4	-	-	-	-	-	-	-	-	-	641.4	
2005 Water Revenue Bond Funds	1,035.5	-	-	-	-	-	-	-	-	-	1,035.5	
Tucson Water Revenue and Operations Fund	355.6	-	300.0	300.0	-	-	-	-	300.0	-	655.6	
Total	2,032.6	-	300.0	300.0	-	-	-	-	300.0	-	2,332.6	

Country Club/36th St D Zone Transmission Main										Project ID: W530		
Description: Design and construct 15,840 feet of 48-inch transmission main along Country Club from 37th Street to Drexel Road. Design is scheduled in Fiscal Year 2015, followed by construction in Fiscal Year 2016.										Start Date: 7/14		
										End Date: 6/16		
										Location: Ward 5		
Justification: This project will form a looped system by connecting the Avra Valley Augmentation Transmission Main D Zone to the Central Arizona Project Transmission Main via an existing connection at Country Club and 36th Street.												
		Adopted Fiscal Year 2008			Projected Requirements							
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total	Future Years	Total Project	
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	6,699.0	6,699.0	
Total	-	-	-	-	-	-	-	-	-	6,699.0	6,699.0	

Tucson Water - Potable Transmission

(\$000)

Pipeline Protection: Manhole Upgrades Description: Install 72-inch diameter manholes over strategic access points, blow-offs, and valves to reduce the risks associated with confined-space entry and avoid costs associated with excavation, trench protection, and traffic control. Justification: Manholes will provide safer ingress/egress to the pipeline interior during maintenance, dewatering points, and access to large diameter butterfly valve actuators. Installing manholes to grade will eliminate the need to excavate when conducting preventative maintenance.									Project ID: W490 Start Date: 7/05 End Date: 6/11 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	1,174.8	-	115.0	115.0	120.0	125.0	-	-	360.0	-	1,534.8
Future Water Revenue Bonds	-	-	-	-	-	-	120.0	-	120.0	-	120.0
Tucson Water Revenue and Operations Fund	3.4	-	-	-	-	-	-	-	-	-	3.4
Total	1,178.3	-	115.0	115.0	120.0	125.0	120.0	-	480.0	-	1,658.3

Rehabilitation of Critical Transmission Mains 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. Certain operating pressure and conditions combined with the right number of wire breaks could result in pipe failure. This project will strengthen and improve the integrity of the pipe.									Project ID: W518 Start Date: 7/05 End Date: 6/12 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	150.0	500.0	650.0	-	650.0
Tucson Water Revenue and Operations Fund	485.6	-	135.0	135.0	140.0	145.0	-	-	420.0	-	905.6
Total	485.6	-	135.0	135.0	140.0	145.0	150.0	500.0	1,070.0	-	1,555.6

Tucson Water - Potable Transmission

(\$000)

South Avra Valley Raw Water Delivery Pipeline										Project ID: W339		
Description: Design and construct, in three phases, additional pipelines to convey CAP (Central Arizona Project) water to the recharge area in South Avra Valley. Phase I includes the design and construction of the CAP Turnout and Metering Vault. Phase II will install approximately 7,500 feet of 60-inch transmission main. Phase III will install approximately 9,500 feet of 60-inch, 6,000 feet of 54-inch, and 2,000 feet of 42-inch transmission main. All phases will be completed by January 2009.												
Justification: This main will convey CAP water for recharge into the South Avra Valley Storage and Recovery Project basin.												
			Adopted Fiscal Year 2008			Projected Requirements						
Source of Funds:		Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total	Future Years	Total Project
2000 Water Revenue Bond Funds		172.6	-	-	-	-	-	-	-	-	-	172.6
2005 Water Revenue Bond Funds		2,920.3	1,000.0	4,490.0	5,490.0	4,990.0	-	-	-	10,480.0	-	13,400.3
Central Arizona Project Reserve Fund		-	-	10.0	10.0	10.0	-	-	-	20.0	-	20.0
Tucson Water Revenue and Operations Fund		13.0	-	4,500.0	4,500.0	750.0	-	-	-	5,250.0	-	5,263.0
Total		3,106.0	1,000.0	9,000.0	10,000.0	5,750.0	-	-	-	15,750.0	-	18,856.0

South Avra Valley Recovered Transmission Main										Project ID: W444		
Description: Design and install approximately 21,000 feet of 48-inch transmission main in South Avra Valley. The design phase of this project will be completed in Fiscal Year 2009, followed by construction in Fiscal Years 2010 and 2011.												
Justification: The pipeline will convey recovered, recharged CAP water from the South Avra Valley basins to the Hayden-Udall Treatment Plant.												
			Adopted Fiscal Year 2008			Projected Requirements						
Source of Funds:		Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total	Future Years	Total Project
2005 Water Revenue Bond Funds		-	-	-	-	1,000.0	1,776.0	-	-	2,776.0	-	2,776.0
Future Water Revenue Bonds		-	-	-	-	-	3,204.0	4,794.0	-	7,998.0	-	7,998.0
Tucson Water Revenue and Operations Fund		-	-	-	-	-	20.0	10,206.0	-	10,226.0	-	10,226.0
Total		-	-	-	-	1,000.0	5,000.0	15,000.0	-	21,000.0	-	21,000.0

Tucson Water - Potable Transmission

(\$000)

Southeast C Zone Transmission Main Description: Design and construct approximately 21,000 feet of 36-inch main from the intersection of Valencia and Swan Roads to the new Southeast C Zone Reservoir site at the Swan Road alignment and Hermans Road. The design phase will be completed in Fiscal Year 2011, followed by construction in Fiscal Years 2012 and 2013. Justification: This main will enable the utility to more readily convey water from Technical Drive to the Southeast C Zone Reservoirs.										Project ID: W408 Start Date: 7/10 End Date: 6/13 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	400.0	1,157.0	1,557.0	2,000.0	3,557.0	
Total	-	-	-	-	-	-	400.0	1,157.0	1,557.0	2,000.0	3,557.0	

Southeast E Zone Transmission Main										Project ID: W321		
Description: Design and install approximately 24,000 feet of 36-inch main to connect to a 24-inch cross (four-way connection) at the southeast corner of Hermans and Wilmot Roads. The main will follow Wilmot Road south and head east along Old Vail Road before reaching the Southeast E Zone Reservoir site. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.										Start Date: 7/02		
										End Date: 6/14		
Justification: This project will ensure the delivery of water to future developments in the southeast region.										Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	2,099.0	-	-	-	-	-	-	-	-	-	2,099.0	
2005 Water Revenue Bond Funds	72.0	-	-	-	-	-	-	-	-	-	72.0	
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	2,990.0	2,990.0	
Tucson Water Revenue and Operations Fund	92.7	-	-	-	-	-	-	-	-	-	92.7	
Total	2,263.6	-	-	-	-	-	-	-	-	2,990.0	5,253.6	

Tucson Water - Potable Transmission

(\$000)

Transmission Main Projects - General 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.										Project ID: WD99 Start Date: 7/09 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	-	-	2,000.0	9,000.0	11,000.0	
Total	-	-	-	-	-	2,000.0	-	-	2,000.0	9,000.0	11,000.0	

Upgrade Corrosion Test Stations Description: Upgrade and replace substandard transmission main corrosion test stations and rectifiers. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.										Project ID: W327 Start Date: 7/05 End Date: 6/17 Location: City and County		
Justification: These upgrades will enhance the reliability of Tucson Water's Corrosion Monitoring Program, providing a means to better monitor and predict potential pipeline failures.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	59.3	-	-	-	-	-	-	-	-	250.0	309.3	
Total	59.3	-	-	-	-	-	-	-	-	250.0	309.3	

Tucson Water - Potable Transmission

(\$000)

Viviana Road C Zone Transmission Main Description: Design and construct approximately 16,500 feet of 24-inch C Zone transmission main from the existing L-7 pressure reducing valve (PRV) station in the north and to the 24-inch Southwest C-Zone Transmission Main at the Camino Rancho B-C Booster in the south. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012. Justification: The Viviana Road C Zone Transmission Main will provide C Zone supply directly to the existing C Zone service area, avoiding the need to boost water from the B Zone supply.										Project ID: W551 Start Date: 1/06 End Date: 6/11 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	10.1	-	-	-	1,165.0	1,928.0	-	-	3,093.0	-	3,103.1	
Tucson Water Revenue and Operations Fund	43.3	-	-	-	-	-	258.0	-	258.0	-	301.3	
Total	53.5	-	-	-	1,165.0	1,928.0	258.0	-	3,351.0	-	3,404.5	

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
CAVSARP Collector Lines											
2005 Water Revenue Bond Funds	-	-	750.0	750.0	-	-	-	-	750.0	-	750.0
Tucson Water Revenue and Operations Fund	750.0	-	150.0	150.0	-	-	-	-	150.0	-	900.0
	750.0	-	900.0	900.0	-	-	-	-	900.0	-	1,650.0
Distribution Main Projects - General											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	26,000.0	26,000.0
	-	-	-	-	-	-	-	-	-	26,000.0	26,000.0
Emergency Main Replacement											
2005 Water Revenue Bond Funds	-	-	300.0	300.0	200.0	200.0	-	-	700.0	-	700.0
Future Water Revenue Bonds	-	-	-	-	-	-	200.0	200.0	400.0	1,000.0	1,400.0
	-	-	300.0	300.0	200.0	200.0	200.0	200.0	1,100.0	1,000.0	2,100.0
Extensions for New Services											
Tucson Water Revenue and Operations Fund	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Gates Pass Main Improvement											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	400.0	400.0
Tucson Water Revenue and Operations Fund	0.7	-	-	-	-	-	-	-	-	-	0.7
	0.7	-	-	-	-	-	-	-	-	400.0	400.7
Genematas Main Improvement											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	400.0	400.0
	-	-	-	-	-	-	-	-	-	400.0	400.0
Jefferson Park Addition Main Replacement											
2005 Water Revenue Bond Funds	-	-	25.0	25.0	1,420.0	-	-	-	1,445.0	-	1,445.0
Tucson Water Revenue and Operations Fund	-	-	25.0	25.0	-	-	-	-	25.0	-	25.0
	-	-	50.0	50.0	1,420.0	-	-	-	1,470.0	-	1,470.0

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
On-Call Valve Replacement Program											
2005 Water Revenue Bond Funds	53.4	175.0	-	175.0	-	-	-	-	175.0	-	228.4
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	500.0	500.0
Tucson Water Revenue and Operations Fund	0.6	-	-	-	-	-	-	-	-	500.0	500.6
	53.9	175.0	-	175.0	-	-	-	-	175.0	1,000.0	1,228.9
Payments to Developers for Oversized Systems											
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0
	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0
Quadrant Main Replacements											
2000 Water Revenue Bond Funds	2,593.3	-	-	-	-	-	-	-	-	-	2,593.3
2005 Water Revenue Bond Funds	1,439.8	309.2	700.0	1,009.2	-	-	-	-	1,009.2	-	2,449.0
Tucson Water Revenue and Operations Fund	118.3	-	-	-	-	-	-	-	-	-	118.3
	4,151.3	309.2	700.0	1,009.2	-	-	-	-	1,009.2	-	5,160.5
Review Developer-Financed Potable Projects											
Tucson Water Revenue and Operations Fund	-	-	850.0	850.0	850.0	850.0	850.0	850.0	4,250.0	4,250.0	8,500.0
	-	-	850.0	850.0	850.0	850.0	850.0	850.0	4,250.0	4,250.0	8,500.0
Road Improvement Main Replacements											
2005 Water Revenue Bond Funds	-	-	4,774.0	4,774.0	300.0	5,540.0	-	-	10,614.0	-	10,614.0
Future Water Revenue Bonds	-	-	-	-	-	-	4,030.0	5,729.0	9,759.0	15,756.0	25,515.0
Tucson Water Revenue and Operations Fund	-	-	490.0	490.0	72.0	2,446.0	2,574.0	-	5,582.0	15,000.0	20,582.0
Water Infrastructure Reserve Fund	-	-	-	-	6,000.0	-	-	-	6,000.0	-	6,000.0
	-	-	5,264.0	5,264.0	6,372.0	7,986.0	6,604.0	5,729.0	31,955.0	30,756.0	62,711.0

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Routine Main Replacements											
2005 Water Revenue Bond Funds	-	-	336.0	336.0	-	404.0	-	-	740.0	-	740.0
Future Water Revenue Bonds	-	-	-	-	-	-	404.0	404.0	808.0	2,000.0	2,808.0
Tucson Water Revenue and Operations Fund	-	-	464.0	464.0	-	396.0	396.0	396.0	1,652.0	2,000.0	3,652.0
Water Infrastructure Reserve Fund	-	-	-	-	800.0	-	-	-	800.0	-	800.0
	-	-	800.0	800.0	800.0	800.0	800.0	800.0	4,000.0	4,000.0	8,000.0
SAVSARP Collector Pipelines											
2005 Water Revenue Bond Funds	-	-	-	-	1,000.0	1,000.0	-	-	2,000.0	-	2,000.0
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	3,000.0	-	5,000.0	-	5,000.0
	-	-	-	-	1,000.0	3,000.0	3,000.0	-	7,000.0	-	7,000.0
Samos Main Replacement											
2005 Water Revenue Bond Funds	26.7	350.0	1,213.0	1,563.0	-	-	-	-	1,563.0	-	1,589.7
Tucson Water Revenue and Operations Fund	50.0	-	-	-	-	-	-	-	-	-	50.0
	76.7	350.0	1,213.0	1,563.0	-	-	-	-	1,563.0	-	1,639.7
Southwest G Zone Interconnections											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	513.0	513.0
	-	-	-	-	-	-	-	-	-	1,513.0	1,513.0
Tucson Airport Authority Distribution Main											
Future Water Revenue Bonds	-	-	-	-	-	-	50.0	300.0	350.0	-	350.0
	-	-	-	-	-	-	50.0	300.0	350.0	-	350.0
Vista Las Catalinas Main Replacement											
2005 Water Revenue Bond Funds	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
Tucson Water Revenue and Operations Fund	146.0	-	-	-	-	-	-	-	-	-	146.0
	146.0	100.0	-	100.0	-	-	-	-	100.0	-	246.0

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Water System Acquisitions											
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
Program Area Total	5,178.6	934.2	10,487.0	11,421.2	10,752.0	12,946.0	11,614.0	7,989.0	54,722.2	69,869.0	129,769.8
Source of Funds Summary											
2000 Water Revenue Bond Funds	2,593.3	-	-	-	-	-	-	-	-	-	2,593.3
2005 Water Revenue Bond Funds	1,519.8	934.2	8,098.0	9,032.2	2,920.0	7,144.0	-	-	19,096.2	-	20,616.0
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	7,684.0	6,633.0	16,317.0	20,656.0	36,973.0
Tucson Water Revenue and Operations Fund	1,065.4	-	2,389.0	2,389.0	1,032.0	3,802.0	3,930.0	1,356.0	12,509.0	49,213.0	62,787.4
Water Infrastructure Reserve Fund	-	-	-	-	6,800.0	-	-	-	6,800.0	-	6,800.0
Program Area Total	5,178.6	934.2	10,487.0	11,421.2	10,752.0	12,946.0	11,614.0	7,989.0	54,722.2	69,869.0	129,769.8

Tucson Water - Potable Distribution

(\$000)

CAVSARP Collector Lines										Project ID: W564					
Description: Design and construct pipelines to connect three new production wells in Fiscal Year 2007 and three production wells in Fiscal Year 2008 within the Central Avra Valley Storage and Recovery Project (CAVSARP) well field.													Start Date: 7/06		
													End Date: 6/08		
													Location: County		
Justification: This project will increase Tucson Water's use of its Colorado River water allocation by increasing the recovery capacity of the CAVSARP facility.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
2005 Water Revenue Bond Funds		-	-	750.0	750.0	-	-	-	-	750.0	-	750.0			
Tucson Water Revenue and Operations Fund		750.0	-	150.0	150.0	-	-	-	-	150.0	-	900.0			
Total		750.0	-	900.0	900.0	-	-	-	-	900.0	-	1,650.0			

Distribution Main Projects - General										Project ID: WDD9					
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.													Start Date: 7/12		
													End Date: 7/17		
													Location: City and County		
Justification: These projects will ensure that the system can meet peak requirements during the summer months.															
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
Tucson Water Revenue and Operations Fund		-	-	-	-	-	-	-	-	-	26,000.0	26,000.0			
Total		-	-	-	-	-	-	-	-	-	26,000.0	26,000.0			

Tucson Water - Potable Distribution

(\$000)

Emergency Main Replacement										Project ID: W186		
Description: Replace small and large diameter mains on an as-needed emergency basis.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: Immediate response to requests for emergency main replacements is required to reduce water loss, improve system reliability, maintain water quality, and return service to customers.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	300.0	300.0	200.0	200.0	-	-	700.0	-	700.0	
Future Water Revenue Bonds	-	-	-	-	-	-	200.0	200.0	400.0	1,000.0	1,400.0	
Total	-	-	300.0	300.0	200.0	200.0	200.0	200.0	1,100.0	1,000.0	2,100.0	

Extensions for New Services										Project ID: W107		
Description: Design and install minor extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: Extensions allow Tucson Water 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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0	
Total	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0	

Tucson Water - Potable Distribution

(\$000)

Gates Pass Main Improvement										Project ID: W535		
Description: Design and construct 2,500 feet of 8-inch main to provide adequate fireflow along Gates Pass Road from McElroy to Mountain Gardens. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.												
Justification: This project improves the capacity of the water system to support fireflow in the area. (Fireflow is the amount of water capacity required by the Fire Code.)												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	400.0	400.0	
Tucson Water Revenue and Operations Fund	0.7	-	-	-	-	-	-	-	-	-	0.7	
Total	0.7	-	-	-	-	-	-	-	-	400.0	400.7	

Genematas Main Improvement										Project ID: W537		
Description: Design and construct 1,000 feet of 8-inch main to provide adequate fireflow along Yvon Street at Genematas.												
Justification: This project improves the capacity of the water system to provide fireflow in the area. (Fireflow is the amount of water capacity required by the Fire Code.)												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	400.0	400.0	
Total	-	-	-	-	-	-	-	-	-	400.0	400.0	

Tucson Water - Potable Distribution

(\$000)

Jefferson Park Addition Main Replacement										Project ID: W546		
Description: Design and construct approximately 12,300 feet of 6-inch pipe and 1,500 feet of 8-inch pipe. As a result of the new main replacements, meters will be relocated and service lines replaced. The approximate project boundaries include Copper Street on the north, Grant Road on the south, Mountain Avenue on the west, and Campbell Avenue on the east.												
Justification: The department has recently responded to numerous pipeline breaks in the Jefferson Park Neighborhood. This project will enhance the integrity of the pipe resulting in improved service to the area.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	25.0	25.0	1,420.0	-	-	-	1,445.0	-	1,445.0	
Tucson Water Revenue and Operations Fund	-	-	25.0	25.0	-	-	-	-	25.0	-	25.0	
Total	-	-	50.0	50.0	1,420.0	-	-	-	1,470.0	-	1,470.0	

On-Call Valve Replacement Program										Project ID: W283		
Description: Replace and upgrade broken water valves. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.												
Justification: This replacement program reduces the number of unplanned water interruptions to customers, improve water quality, and contribute to a more reliable system.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	53.4	175.0	-	175.0	-	-	-	-	175.0	-	228.4	
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	500.0	500.0	
Tucson Water Revenue and Operations Fund	0.6	-	-	-	-	-	-	-	-	500.0	500.6	
Total	53.9	175.0	-	175.0	-	-	-	-	175.0	1,000.0	1,228.9	

Tucson Water - Potable Distribution

(\$000)

Payments to Developers for Oversized Systems Description: Reimburse developers for the cost of oversizing water system components (pipes, main, and boosters) when Tucson Water requests a capacity greater than needed by the development. Justification: Oversizing is sometimes required to supply projected future demands consistent with Tucson Water's long range planning and to avoid more expensive replacement by Tucson Water in the future.									Project ID: W108 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0
Total	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0

Quadrant Main Replacements Description: Replace deteriorating galvanized steel piping that could not previously be replaced due to pavement moratoriums or lack of easements. Justification: This project will improve water quality, operating efficiency, and system reliability.									Project ID: W346 Start Date: 7/00 End Date: 6/08 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Water Revenue Bond Funds	2,593.3	-	-	-	-	-	-	-	-	-	2,593.3
2005 Water Revenue Bond Funds	1,439.8	309.2	700.0	1,009.2	-	-	-	-	1,009.2	-	2,449.0
Tucson Water Revenue and Operations Fund	118.3	-	-	-	-	-	-	-	-	-	118.3
Total	4,151.3	309.2	700.0	1,009.2	-	-	-	-	1,009.2	-	5,160.5

Tucson Water - Potable Distribution

(\$000)

Review Developer-Financed Potable Projects										Project ID: W109		
Description: Conduct plan reviews and inspect the construction of developer-financed water system infrastructure projects. Associated costs are recovered by developer fees. These systems are donated to Tucson Water upon completion.												
Justification: The review of developer-financed water systems ensures that the projects comply with Tucson Water requirements.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	850.0	850.0	850.0	850.0	850.0	850.0	4,250.0	4,250.0	8,500.0	
Total	-	-	850.0	850.0	850.0	850.0	850.0	850.0	4,250.0	4,250.0	8,500.0	

Road Improvement Main Replacements										Project ID: W111		
Description: Install water mains during road improvement projects of City of Tucson, Pima County, Arizona Department of Transportation, and other agencies.												
Justification: Replacing water mains during roadway projects allows Tucson Water to increase system capacity, while saving money on the cost of pavement removal and replacement.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	4,774.0	4,774.0	300.0	5,540.0	-	-	10,614.0	-	10,614.0	
Future Water Revenue Bonds	-	-	-	-	-	-	4,030.0	5,729.0	9,759.0	15,756.0	25,515.0	
Tucson Water Revenue and Operations Fund	-	-	490.0	490.0	72.0	2,446.0	2,574.0	-	5,582.0	15,000.0	20,582.0	
Water Infrastructure Reserve Fund	-	-	-	-	6,000.0	-	-	-	6,000.0	-	6,000.0	
Total	-	-	5,264.0	5,264.0	6,372.0	7,986.0	6,604.0	5,729.0	31,955.0	30,756.0	62,711.0	

Tucson Water - Potable Distribution

(\$000)

Routine Main Replacements Description: Design and construct previously unidentified minor main replacements. Justification: These main replacements improve service to water customers and system reliability.									Project ID: W252 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	-	336.0	336.0	-	404.0	-	-	740.0	-	740.0
Future Water Revenue Bonds	-	-	-	-	-	-	404.0	404.0	808.0	2,000.0	2,808.0
Tucson Water Revenue and Operations Fund	-	-	464.0	464.0	-	396.0	396.0	396.0	1,652.0	2,000.0	3,652.0
Water Infrastructure Reserve Fund	-	-	-	-	800.0	-	-	-	800.0	-	800.0
Total	-	-	800.0	800.0	800.0	800.0	800.0	800.0	4,000.0	4,000.0	8,000.0

Samos Main Replacement Description: Design and construct 1,900 feet of 6-inch pipe, 10,000 feet of 8-inch pipe; relocate 180 meters; and replace service lines. The approximate project boundaries include a new water main along Campbell Avenue from Blacklidge Drive on the north to Grant Road on the south. 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 which has become soft due to age.									Project ID: W545 Start Date: 7/06 End Date: 6/08 Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	26.7	350.0	1,213.0	1,563.0	-	-	-	-	1,563.0	-	1,589.7
Tucson Water Revenue and Operations Fund	50.0	-	-	-	-	-	-	-	-	-	50.0
Total	76.7	350.0	1,213.0	1,563.0	-	-	-	-	1,563.0	-	1,639.7

Tucson Water - Potable Distribution

(\$000)

SAVSARP Collector Pipelines										Project ID: W492		
Description: Furnish and install 52,800 feet of pipe with various diameters between 16- and 54-inches. The pipeline will encompass the perimeter of the South Avra Valley area with branches to connect to the interior wells. The pipeline will end at the proposed reservoir and booster facility.										Start Date: 7/08		
										End Date: 6/11		
										Location: County		
Justification: This project will collect water from the SAVSARP well field and convey it to the SAVSARP reservoir and booster facility, which will allow for increased use of Colorado River water. This project will initially recover 30,000 acre feet, with a goal of 45,000 acre feet of water.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	-	-	1,000.0	1,000.0	-	-	2,000.0	-	2,000.0	
Future Water Revenue Bonds	-	-	-	-	-	2,000.0	3,000.0	-	5,000.0	-	5,000.0	
Total	-	-	-	-	1,000.0	3,000.0	3,000.0	-	7,000.0	-	7,000.0	

Southwest G Zone Interconnections										Project ID: W534		
Description: Design and construct the piping necessary to tie together three isolated water systems: Diamond Bell, Sierrita Foothills, and Hilltop.										Start Date: 6/14		
										End Date: 7/17		
										Location: County		
Justification: The interconnection is needed to increase the reliability of these systems.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	513.0	513.0	
Total	-	-	-	-	-	-	-	-	-	1,513.0	1,513.0	

Tucson Water - Potable Distribution

(\$000)

Tucson Airport Authority Distribution Main Description: Design and construct a new 16-inch distribution main around the existing airport facility. Justification: This project will provide improved water supply to the area.									Project ID: W528 Start Date: 7/10 End Date: 6/12 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	50.0	300.0	350.0	-	350.0
Total	-	-	-	-	-	-	50.0	300.0	350.0	-	350.0

Vista Las Catalinas Main Replacement Description: Design and construct approximately 2,650 linear feet of 6-inch water mains. The new mains will be located along the east right-of-way of Oracle Road from Tortolita Street to Cloudcrest Lane, and along Graham Street and Cloudcrest Lane from Oracle Road to Avenida de la Canada. Justification: The project will replace existing small diameter galvanized steel water mains that may be causing turbidity problems. The galvanized steel mains will be replaced with new 6-inch PVC (polyvinyl chloride) water mains. Existing water meters will be relocated from alleys to streets to aid meter readers.									Project ID: W549 Start Date: 7/06 End Date: 6/08 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
Tucson Water Revenue and Operations Fund	146.0	-	-	-	-	-	-	-	-	-	146.0
Total	146.0	100.0	-	100.0	-	-	-	-	100.0	-	246.0

Tucson Water - Potable Distribution

(\$000)

<div><div>Water System Acquisitions</div><div><div>Description:</div><div>Acquire water company with assets that comply with Tucson Water acquisition standards.</div></div><div><div>Justification:</div><div>This acquisition will provide a more secure water supply for existing and new customers.</div></div></div>										<div>Project ID: W520</div> <div>Start Date: 7/07</div> <div>End Date: 6/08</div> <div>Location: County</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund		-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
Total		-	-	300.0	300.0	-	-	-	-	300.0	-	300.0

Tucson Water - Potable New Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Fire Services											
Tucson Water Revenue and Operations Fund	-	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	7,500.0	15,000.0
	-	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	7,500.0	15,000.0
Water Services											
Tucson Water Revenue and Operations Fund	-	-	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	6,050.0	6,050.0	12,100.0
	-	-	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	6,050.0	6,050.0	12,100.0
Program Area Total	-	-	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	13,550.0	13,550.0	27,100.0
Source of Funds Summary											
Tucson Water Revenue and Operations Fund	-	-	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	13,550.0	13,550.0	27,100.0
Program Area Total	-	-	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	2,710.0	13,550.0	13,550.0	27,100.0

Tucson Water - Potable New Services

(\$000)

<div><div>Fire Services Description: Design and install fire hydrants, fire services, water meter connections, and short main extensions at various locations. Services will be requested on an as-needed basis, upon customer request and payment of installation and connection fees.</div><div>Justification: This project is required to provide for the installation of new fire hydrants.</div></div>										<div>Project ID: W124 Start Date: Annual End Date: Annual Location: City and County</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	7,500.0	15,000.0	
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	15,000.0	

<div><div>Water Services 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, and minor production facility upgrades.</div><div>Justification: This project is required to provide for the installation of new metered services to customers upon request.</div></div>										<div>Project ID: W114 Start Date: Annual End Date: Annual Location: City and County</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	6,050.0	6,050.0	12,100.0	
Total	-	-	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	1,210.0	6,050.0	6,050.0	12,100.0	

Tucson Water - Potable General Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
CAVSARP Security											
Tucson Water Fund: State Grants	100.0	-	413.0	413.0	-	-	-	-	413.0	-	513.0
Tucson Water Revenue and Operations Fund	510.8	-	-	-	620.0	613.0	208.0	-	1,441.0	-	1,951.8
	610.8	-	413.0	413.0	620.0	613.0	208.0	-	1,854.0	-	2,464.8
Eastside Maintenance Facility											
2005 Water Revenue Bond Funds	408.3	-	3,396.5	3,396.5	2,650.0	-	-	-	6,046.5	-	6,454.8
Tucson Water Revenue and Operations Fund	112.0	-	353.5	353.5	-	-	-	-	353.5	-	465.5
	520.3	-	3,750.0	3,750.0	2,650.0	-	-	-	6,400.0	-	6,920.3
Facility Improvements - General											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	275.0	275.0
	-	-	-	-	-	-	-	-	-	275.0	275.0
Facility Safety and Security Infrastructure											
2000 Water Revenue Bond Funds	709.3	-	-	-	-	-	-	-	-	-	709.3
2005 Water Revenue Bond Funds	575.3	-	157.0	157.0	485.0	485.0	-	-	1,127.0	-	1,702.3
Future Water Revenue Bonds	-	-	-	-	-	-	384.0	-	384.0	-	384.0
Tucson Water Fund: State Grants	-	-	210.0	210.0	-	-	-	-	210.0	-	210.0
Tucson Water Revenue and Operations Fund	96.7	-	200.0	200.0	82.0	50.0	175.0	-	507.0	-	603.7
	1,381.2	-	567.0	567.0	567.0	535.0	559.0	-	2,228.0	-	3,609.2
Meter Upgrade and Replacement Program											
2005 Water Revenue Bond Funds	-	-	1,460.0	1,460.0	29.0	-	-	-	1,489.0	-	1,489.0
Future Water Revenue Bonds	-	-	-	-	-	-	600.0	600.0	1,200.0	1,500.0	2,700.0
Tucson Water Revenue and Operations Fund	-	-	-	-	431.0	1,000.0	400.0	400.0	2,231.0	1,500.0	3,731.0
Water Infrastructure Reserve Fund	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
	-	-	1,460.0	1,460.0	1,460.0	1,000.0	1,000.0	1,000.0	5,920.0	3,000.0	8,920.0
Miscellaneous Land and Right-of-Way Acquisitions											
Tucson Water Revenue and Operations Fund	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0

Tucson Water - Potable General Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
SCADA Communications Upgrade											
2005 Water Revenue Bond Funds	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
Tucson Water Revenue and Operations Fund	484.5	-	75.0	75.0	-	-	-	-	75.0	-	559.5
	484.5	-	150.0	150.0	-	-	-	-	150.0	-	634.5
Tucson Water Document Management											
2005 Water Revenue Bond Funds	-	-	90.0	90.0	170.0	-	-	-	260.0	-	260.0
Tucson Water Revenue and Operations Fund	762.5	-	160.0	160.0	80.0	-	-	-	240.0	-	1,002.5
	762.5	-	250.0	250.0	250.0	-	-	-	500.0	-	1,262.5
Program Area Total	3,759.3	-	6,600.0	6,600.0	5,557.0	2,158.0	1,777.0	1,010.0	17,102.0	3,325.0	24,186.3
Source of Funds Summary											
2000 Water Revenue Bond Funds	709.3	-	-	-	-	-	-	-	-	-	709.3
2005 Water Revenue Bond Funds	983.6	-	5,178.5	5,178.5	3,334.0	485.0	-	-	8,997.5	-	9,981.1
Future Water Revenue Bonds	-	-	-	-	-	-	984.0	600.0	1,584.0	1,775.0	3,359.0
Tucson Water Fund: State Grants	100.0	-	623.0	623.0	-	-	-	-	623.0	-	723.0
Tucson Water Revenue and Operations Fund	1,966.5	-	798.5	798.5	1,223.0	1,673.0	793.0	410.0	4,897.5	1,550.0	8,414.0
Water Infrastructure Reserve Fund	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
Program Area Total	3,759.3	-	6,600.0	6,600.0	5,557.0	2,158.0	1,777.0	1,010.0	17,102.0	3,325.0	24,186.3

Tucson Water - Potable General Plant

(\$000)

CAVSARP Security Description: Design and construct security improvements for CAVSARP (Central Avra Valley Storage and Recovery Project), including the installation of a secured communication network that links access control gates, proximity card access hardware, perimeter alarm sensors, cameras, and other emerging security technologies, such as real-time chemical and biological monitoring. Justification: The security hardware will be linked to a security software platform that is monitored continuously from a central station.										Project ID: W498 Start Date: 7/05 End Date: 6/11 Location: City and County		
		Adopted Fiscal Year 2008			Projected Requirements							
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total	Future Years	Total Project	
Tucson Water Fund: State Grants	100.0	-	413.0	413.0	-	-	-	-	413.0	-	513.0	
Tucson Water Revenue and Operations Fund	510.8	-	-	-	620.0	613.0	208.0	-	1,441.0	-	1,951.8	
Total	610.8	-	413.0	413.0	620.0	613.0	208.0	-	1,854.0	-	2,464.8	

Eastside Maintenance Facility Description: Design and construct a maintenance facility at the Danforth Reservoir site at the southeast corner of Old Spanish Trail and Houghton Road. The facility will provide room for 25 field staff involved in operations and maintenance activities and 30 meter reading and field customer service staff. A warehouse for water system parts and material is also included. Justification: This satellite facility will allow travel time to be reduced, improve customer service response time, and provide for the utilization of multi-skilled teams within the service area.										Project ID: W504 Start Date: 7/05 End Date: 6/09 Location: Ward 4		
		Adopted Fiscal Year 2008			Projected Requirements							
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012	Five Year Total	Future Years	Total Project	
2005 Water Revenue Bond Funds	408.3	-	3,396.5	3,396.5	2,650.0	-	-	-	6,046.5	-	6,454.8	
Tucson Water Revenue and Operations Fund	112.0	-	353.5	353.5	-	-	-	-	353.5	-	465.5	
Total	520.3	-	3,750.0	3,750.0	2,650.0	-	-	-	6,400.0	-	6,920.3	

Tucson Water - Potable General Plant

(\$000)

Meter Upgrade and Replacement Program										Project ID: W435		
Description: Upgrade and install replacement meters. Approximately 12,000 meters will be replaced each year for Fiscal Years 2008 and 2009. Approximately 7,000 meters will be replaced annually beginning in Fiscal Year 2010.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: Tucson Water has more than 40,000 meters that are over 20 years old. Older meters become inefficient and tend to under-read water usage.												

Tucson Water - Potable General Plant

(\$000)

SCADA Communications Upgrade Description: Design and install new networking, switchgear components, and master radio site equipment at various locations. Justification: Expansion of the Supervisory Control and Data Acquisition (SCADA) communication infrastructure is necessary to keep pace with growth in the water system service area. The project will enhance fiber optic connectivity, improve network security, and increase the SCADA master radio coverage area.									Project ID: W486 Start Date: 8/04 End Date: 6/08 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
Tucson Water Revenue and Operations Fund	484.5	-	75.0	75.0	-	-	-	-	75.0	-	559.5
Total	484.5	-	150.0	150.0	-	-	-	-	150.0	-	634.5

Tucson Water Document Management Description: Develop a computerized system for managing important documents. Justification: This system will allow integration with other systems, such as the Maintenance Management Program and the Geographic Information System, and significantly increase staff efficiency in the storage and retrieval of documents.									Project ID: W436 Start Date: 7/03 End Date: 6/09 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	-	90.0	90.0	170.0	-	-	-	260.0	-	260.0
Tucson Water Revenue and Operations Fund	762.5	-	160.0	160.0	80.0	-	-	-	240.0	-	1,002.5
Total	762.5	-	250.0	250.0	250.0	-	-	-	500.0	-	1,262.5

Tucson Water - Potable Treatment

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Chemical Treatment-Potable Distribution System											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	1,000.0	1,000.0	4,500.0	5,500.0
	-	-	-	-	-	-	-	1,000.0	1,000.0	4,500.0	5,500.0
Clearwater Chemical Feed System Upgrades											
2005 Water Revenue Bond Funds	-	-	-	-	-	75.0	-	-	75.0	-	75.0
Future Water Revenue Bonds	-	-	-	-	-	-	750.0	-	750.0	-	750.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	175.0	1,000.0	-	1,175.0	-	1,175.0
	-	-	-	-	-	250.0	1,750.0	-	2,000.0	-	2,000.0
Treatment Improvements - General											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	15,000.0	15,000.0
	-	-	-	-	-	-	-	-	-	15,000.0	15,000.0
Program Area Total	-	-	-	-	-	250.0	1,750.0	1,000.0	3,000.0	19,500.0	22,500.0

Source of Funds Summary											
2005 Water Revenue Bond Funds	-	-	-	-	-	75.0	-	-	75.0	-	75.0
Future Water Revenue Bonds	-	-	-	-	-	-	750.0	-	750.0	15,000.0	15,750.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	175.0	1,000.0	1,000.0	2,175.0	4,500.0	6,675.0
Program Area Total	-	-	-	-	-	250.0	1,750.0	1,000.0	3,000.0	19,500.0	22,500.0

Tucson Water - Potable Treatment

(\$000)

Chemical Treatment-Potable Distribution System Description: Design engineering services to provide and install feed equipment, chemical storage tanks, and secondary containment at undetermined sites.									Project ID: W445 Start Date: 7/11 End Date: 6/17 Location: County		
Justification: As the area's water chemistry changes in future years, this project provides additional treatment options that may be necessary within the distribution system.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	1,000.0	1,000.0	4,500.0	5,500.0
Total	-	-	-	-	-	-	-	1,000.0	1,000.0	4,500.0	5,500.0

Clearwater Chemical Feed System Upgrades Description: Install chemical metering pumps and chemical storage tanks for sodium hypochlorite (bleach) and sodium hydroxide (caustic). This project will be designed in Fiscal Year 2010, followed by construction in Fiscal Year 2011.									Project ID: W577 Start Date: 7/09 End Date: 6/11 Location: County		
Justification: Increased chemical storage and chemical feed capacity is needed to adequately treat the additional recovered water from Southern and Central Avra Valley Storage and Recovery Projects. The current feed and storage system was designed for approximately 54 million gallons per day (MGD). Tucson Water will need to treat up to 65 MGD by Fiscal Year 2011.											
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds	-	-	-	-	-	75.0	-	-	75.0	-	75.0
Future Water Revenue Bonds	-	-	-	-	-	-	750.0	-	750.0	-	750.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	175.0	1,000.0	-	1,175.0	-	1,175.0
Total	-	-	-	-	-	250.0	1,750.0	-	2,000.0	-	2,000.0

Tucson Water - Potable Treatment

(\$000)

Treatment Improvements - General 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 is needed to provide budget capacity for the water quality enhancements of source waters to both regulatory requirements and the community's expectations for the potable water system.										Project ID: WH99 Start Date: 7/14 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	15,000.0	15,000.0	
Total	-	-	-	-	-	-	-	-	-	15,000.0	15,000.0	

Tucson Water - Potable Process Control

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Control Panel Replacements: Potable											
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8
2000 Water Revenue Bond Funds	253.1	-	-	-	-	-	-	-	-	-	253.1
2005 Water Revenue Bond Funds	915.0	10.0	450.0	460.0	100.0	100.0	-	-	660.0	-	1,575.0
Tucson Water Revenue and Operations Fund	1,246.9	-	150.0	150.0	150.0	150.0	-	-	450.0	-	1,696.9
	2,508.0	10.0	600.0	610.0	250.0	250.0	-	-	1,110.0	-	3,618.0
Flow Meters											
2005 Water Revenue Bond Funds	-	-	-	-	100.0	-	-	-	100.0	-	100.0
Tucson Water Revenue and Operations Fund	0.2	-	-	-	40.0	-	-	-	40.0	-	40.2
	0.2	-	-	-	140.0	-	-	-	140.0	-	140.2
Remote Control System Upgrades											
2005 Water Revenue Bond Funds	100.0	-	800.0	800.0	500.0	500.0	-	-	1,800.0	-	1,900.0
Future Water Revenue Bonds	-	-	-	-	-	-	350.0	350.0	700.0	1,250.0	1,950.0
Tucson Water Revenue and Operations Fund	324.5	-	-	-	-	-	150.0	150.0	300.0	1,250.0	1,874.5
	424.5	-	800.0	800.0	500.0	500.0	500.0	500.0	2,800.0	2,500.0	5,724.5
Program Area Total	2,932.6	10.0	1,400.0	1,410.0	890.0	750.0	500.0	500.0	4,050.0	2,500.0	9,482.6

Source of Funds Summary											
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8
2000 Water Revenue Bond Funds	253.1	-	-	-	-	-	-	-	-	-	253.1
2005 Water Revenue Bond Funds	1,015.0	10.0	1,250.0	1,260.0	700.0	600.0	-	-	2,560.0	-	3,575.0
Future Water Revenue Bonds	-	-	-	-	-	-	350.0	350.0	700.0	1,250.0	1,950.0
Tucson Water Revenue and Operations Fund	1,571.5	-	150.0	150.0	190.0	150.0	150.0	150.0	790.0	1,250.0	3,611.5
Program Area Total	2,932.6	10.0	1,400.0	1,410.0	890.0	750.0	500.0	500.0	4,050.0	2,500.0	9,482.6

Tucson Water - Potable Process Control

(\$000)

Control Panel Replacements: Potable 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 and need to be replaced to ensure system reliability.										Project ID: W045 Start Date: 7/97 End Date: 6/10 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2	
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8	
2000 Water Revenue Bond Funds	253.1	-	-	-	-	-	-	-	-	-	253.1	
2005 Water Revenue Bond Funds	915.0	10.0	450.0	460.0	100.0	100.0	-	-	660.0	-	1,575.0	
Tucson Water Revenue and Operations Fund	1,246.9	-	150.0	150.0	150.0	150.0	-	-	450.0	-	1,696.9	
Total	2,508.0	10.0	600.0	610.0	250.0	250.0	-	-	1,110.0	-	3,618.0	

Flow Meters Description: Replace existing flow meters at various reservoir sites with new accurate flow meters. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012. Justification: Accurate flow meters are required for hydraulic modeling calibration and for isolating sources of unaccounted-for water.										Project ID: W522 Start Date: 7/05 End Date: 6/09 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	-	-	100.0	-	-	-	100.0	-	100.0	
Tucson Water Revenue and Operations Fund	0.2	-	-	-	40.0	-	-	-	40.0	-	40.2	
Total	0.2	-	-	-	140.0	-	-	-	140.0	-	140.2	

Tucson Water - Potable Process Control

(\$000)

Remote Control System Upgrades 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 use equipment that the manufacturer no longer services.										Project ID: W521 Start Date: 7/05 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	100.0	-	800.0	800.0	500.0	500.0	-	-	1,800.0	-	1,900.0	
Future Water Revenue Bonds	-	-	-	-	-	-	350.0	350.0	700.0	1,250.0	1,950.0	
Tucson Water Revenue and Operations Fund	324.5	-	-	-	-	-	150.0	150.0	300.0	1,250.0	1,874.5	
Total	424.5	-	800.0	800.0	500.0	500.0	500.0	500.0	2,800.0	2,500.0	5,724.5	

Tucson Water - Capitalized Expense

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Capitalized Expense											
Tucson Water Revenue and Operations Fund	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0
	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0
Program Area Total	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0
Source of Funds Summary											
Tucson Water Revenue and Operations Fund	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0
Program Area Total	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0

Tucson Water - Capitalized Expense

(\$000)

Capitalized Expense Description: Budget capacity for capitalizing Tucson Water's administrative overhead expenses that are associated with implementing capital projects, but 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.										Project ID: W129 Start Date: Annual End Date: Annual Location: Citywide		
Justification: The capital portion of the utility's administrative overhead costs must be capitalized as a depreciable asset.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0	
Total	-	-	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	25,000.0	25,000.0	50,000.0	

Tucson Water - Reclaimed Water System

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water - Reclaimed Source Development	2,727.9	689.0	-	689.0	-	-	3,000.0	2,000.0	5,689.0	-	8,416.9
Tucson Water - Reclaimed Storage	80.9	-	-	-	-	-	-	-	-	15,150.0	15,230.9
Tucson Water - Reclaimed Pumping Plant	199.9	110.0	655.0	765.0	1,055.0	55.0	55.0	55.0	1,985.0	5,775.0	7,959.9
Tucson Water - Reclaimed Transmission	7.1	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	27,405.0	27,662.1
Tucson Water - Reclaimed Distribution	247.8	50.0	215.0	265.0	215.0	215.0	215.0	215.0	1,125.0	3,275.0	4,647.8
Tucson Water - Reclaimed New Services	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
Tucson Water - Reclaimed Treatment	754.2	580.0	-	580.0	-	-	-	-	580.0	-	1,334.2
Tucson Water - Reclaimed Process Control	20.0	10.0	180.0	190.0	130.0	100.0	100.0	100.0	620.0	2,750.0	3,390.0
Program Total	4,037.9	1,439.0	1,150.0	2,589.0	1,500.0	470.0	3,470.0	2,470.0	10,499.0	54,605.0	69,141.9

Source of Funds Summary											
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9
2000 Water Revenue Bond Funds	1,281.1	-	-	-	-	-	-	-	-	-	1,281.1
2005 Water Revenue Bond Funds	2,072.8	1,439.0	935.0	2,374.0	1,255.0	255.0	-	-	3,884.0	-	5,956.8
Future Water Revenue Bonds	-	-	-	-	-	-	2,513.0	1,255.0	3,768.0	11,355.0	15,123.0
Tucson Water Revenue and Operations Fund	683.3	-	215.0	215.0	245.0	215.0	957.0	1,215.0	2,847.0	43,250.0	46,780.3
Program Total	4,037.9	1,439.0	1,150.0	2,589.0	1,500.0	470.0	3,470.0	2,470.0	10,499.0	54,605.0	69,141.9

Tucson Water - Reclaimed Source Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Reclaimed Storage and Recovery											
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9
2000 Water Revenue Bond Funds	986.3	-	-	-	-	-	-	-	-	-	986.3
2005 Water Revenue Bond Funds	243.2	89.0	-	89.0	-	-	-	-	89.0	-	332.2
Future Water Revenue Bonds	-	-	-	-	-	-	2,258.0	1,000.0	3,258.0	-	3,258.0
Tucson Water Revenue and Operations Fund	102.7	-	-	-	-	-	742.0	1,000.0	1,742.0	-	1,844.7
	1,333.1	89.0	-	89.0	-	-	3,000.0	2,000.0	5,089.0	-	6,422.1
Sweetwater Wetlands Recharge Facility											
2000 Water Revenue Bond Funds	13.8	-	-	-	-	-	-	-	-	-	13.8
2005 Water Revenue Bond Funds	1,186.8	600.0	-	600.0	-	-	-	-	600.0	-	1,786.8
Tucson Water Revenue and Operations Fund	194.2	-	-	-	-	-	-	-	-	-	194.2
	1,394.8	600.0	-	600.0	-	-	-	-	600.0	-	1,994.8
Program Area Total	2,727.9	689.0	-	689.0	-	-	3,000.0	2,000.0	5,689.0	-	8,416.9
Source of Funds Summary											
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9
2000 Water Revenue Bond Funds	1,000.1	-	-	-	-	-	-	-	-	-	1,000.1
2005 Water Revenue Bond Funds	1,430.0	689.0	-	689.0	-	-	-	-	689.0	-	2,119.0
Future Water Revenue Bonds	-	-	-	-	-	-	2,258.0	1,000.0	3,258.0	-	3,258.0
Tucson Water Revenue and Operations Fund	296.9	-	-	-	-	-	742.0	1,000.0	1,742.0	-	2,038.9
Program Area Total	2,727.9	689.0	-	689.0	-	-	3,000.0	2,000.0	5,689.0	-	8,416.9

Tucson Water - Reclaimed Source Development

(\$000)

Reclaimed Storage and Recovery										Project ID: W289		
Description: Design and construct three additional off-channel recharge basins and two new recovery wells at the Sweetwater Recharge Facilities. The new recharge basins are currently in the design phase.										Start Date: 7/01 End Date: 6/12 Location: Ward 1		
Justification: The facility expansion will increase the effluent recharge and recovery capabilities of the Sweetwater Recharge Facilities to 13,000 acre-feet per year which will help meet the increase in projected demand for reclaimed water.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9	
2000 Water Revenue Bond Funds	986.3	-	-	-	-	-	-	-	-	-	986.3	
2005 Water Revenue Bond Funds	243.2	89.0	-	89.0	-	-	-	-	89.0	-	332.2	
Future Water Revenue Bonds	-	-	-	-	-	-	2,258.0	1,000.0	3,258.0	-	3,258.0	
Tucson Water Revenue and Operations Fund	102.7	-	-	-	-	-	742.0	1,000.0	1,742.0	-	1,844.7	
Total	1,333.1	89.0	-	89.0	-	-	3,000.0	2,000.0	5,089.0	-	6,422.1	

Sweetwater Wetlands Recharge Facility										Project ID: W493		
Description: Design and construct improvements, which will include the refurbishment of existing secondary effluent pumps, installation of additional motor-operated valves, and increases to the berm height in selected basins.										Start Date: 7/05 End Date: 9/07 Location: Ward 1		
Justification: These improvements will result in increased reclaimed water production capacity.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2000 Water Revenue Bond Funds	13.8	-	-	-	-	-	-	-	-	-	13.8	
2005 Water Revenue Bond Funds	1,186.8	600.0	-	600.0	-	-	-	-	600.0	-	1,786.8	
Tucson Water Revenue and Operations Fund	194.2	-	-	-	-	-	-	-	-	-	194.2	
Total	1,394.8	600.0	-	600.0	-	-	-	-	600.0	-	1,994.8	

Tucson Water - Reclaimed Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Ina Road Reservoir											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	5,500.0	5,500.0
	-	-	-	-	-	-	-	-	-	5,500.0	5,500.0
La Paloma Reservoir Expansion											
2000 Water Revenue Bond Funds	36.3	-	-	-	-	-	-	-	-	-	36.3
Tucson Water Revenue and Operations Fund	14.6	-	-	-	-	-	-	-	-	4,500.0	4,514.6
	50.9	-	-	-	-	-	-	-	-	4,500.0	4,550.9
Reclaimed Storage Projects - General											
Tucson Water Revenue and Operations Fund	30.0	-	-	-	-	-	-	-	-	150.0	180.0
	30.0	-	-	-	-	-	-	-	-	150.0	180.0
Roger Road Reservoir Expansion											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	5,000.0	5,000.0
	-	-	-	-	-	-	-	-	-	5,000.0	5,000.0
Program Area Total	80.9	-	-	-	-	-	-	-	-	15,150.0	15,230.9
Source of Funds Summary											
2000 Water Revenue Bond Funds	36.3	-	-	-	-	-	-	-	-	-	36.3
Tucson Water Revenue and Operations Fund	44.6	-	-	-	-	-	-	-	-	15,150.0	15,194.6
Program Area Total	80.9	-	-	-	-	-	-	-	-	15,150.0	15,230.9

Tucson Water - Reclaimed Storage

(\$000)

Ina Road Reservoir Description: Design and construct a 3 million gallon reservoir that will be part of the planned reclaimed water production facilities in the Ina Road/Interstate 10 area. Design will be completed in Fiscal Year 2013, followed by construction in Fiscal Years 2014 and 2015. Justification: This reservoir will provide the additional storage necessary to ensure the availability of reclaimed water in the northwest portion of the service area.										Project ID: W606 Start Date: 7/12 End Date: 6/15 Location: County		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund		-	-	-	-	-	-	-	-	-	5,500.0	5,500.0
Total		-	-	-	-	-	-	-	-	-	5,500.0	5,500.0

<div><div>La Paloma Reservoir Expansion Description: Design and construct a new 5 million gallon storage reservoir in the vicinity of the existing La Paloma Reservoir. Design is scheduled in Fiscal Year 2015, with construction following in Fiscal Years 2016 and 2017. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.</div><div>Justification: This new reservoir will improve system hydraulics in the north and east sections of the reclaimed system.</div></div>										<div>Project ID: W608 Start Date: 7/01 End Date: 6/17 Location: County</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Water Revenue Bond Funds		36.3	-	-	-	-	-	-	-	-	-	36.3
Tucson Water Revenue and Operations Fund		14.6	-	-	-	-	-	-	-	-	4,500.0	4,514.6
Total		50.9	-	-	-	-	-	-	-	-	4,500.0	4,550.9

Tucson Water - Reclaimed Storage

(\$000)

Reclaimed Storage Projects - General										Project ID: WL99		
Description: Budget capacity for emergency and 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 accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.												
Justification: These projects ensure that the system can meet peak requirements during the summer months.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	30.0	-	-	-	-	-	-	-	-	150.0	180.0	
Total	30.0	-	-	-	-	-	-	-	-	150.0	180.0	

Roger Road Reservoir Expansion										Project ID: W609		
Description: Design and construct a 3 million gallon reservoir expansion.												
Justification: This reservoir will accommodate the additional reclaimed water that will be boosted into the system from the Roger Road Recharge and Recovery Facility.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	5,000.0	5,000.0	
Total	-	-	-	-	-	-	-	-	-	5,000.0	5,000.0	

Tucson Water - Reclaimed Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Forty-Niners Control Valve											
2005 Water Revenue Bond Funds	-	110.0	-	110.0	-	-	-	-	110.0	-	110.0
Tucson Water Revenue and Operations Fund	20.2	-	-	-	-	-	-	-	-	-	20.2
	20.2	110.0	-	110.0	-	-	-	-	110.0	-	130.2
Ina Road Booster											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	5,500.0	5,500.0
	-	-	-	-	-	-	-	-	-	5,500.0	5,500.0
Reclaimed Pumping Plant Projects - General											
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Roger Road Plant Booster Expansion											
2005 Water Revenue Bond Funds	179.7	-	600.0	600.0	1,000.0	-	-	-	1,600.0	-	1,779.7
	179.7	-	600.0	600.0	1,000.0	-	-	-	1,600.0	-	1,779.7
Program Area Total	199.9	110.0	655.0	765.0	1,055.0	55.0	55.0	55.0	1,985.0	5,775.0	7,959.9

Source of Funds Summary											
2005 Water Revenue Bond Funds	179.7	110.0	600.0	710.0	1,000.0	-	-	-	1,710.0	-	1,889.7
Tucson Water Revenue and Operations Fund	20.2	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	5,775.0	6,070.2
Program Area Total	199.9	110.0	655.0	765.0	1,055.0	55.0	55.0	55.0	1,985.0	5,775.0	7,959.9

Tucson Water - Reclaimed Pumping Plant

(\$000)

Forty-Niners Control Valve Description: Design and construct a new aboveground valve station to meter and remotely control the supply of reclaimed water provided by the new Forty-Niners Country Club reclaimed transmission main. Justification: Completion of this project will terminate the use of potable water for irrigation and halt the decline of the aquifer at the Tanque Verde Wash.										Project ID: W540 Start Date: 6/06 End Date: 10/07 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	110.0	-	110.0	-	-	-	-	110.0	-	110.0	
Tucson Water Revenue and Operations Fund	20.2	-	-	-	-	-	-	-	-	-	20.2	
Total	20.2	110.0	-	110.0	-	-	-	-	110.0	-	130.2	

Ina Road Booster Description: Design and construct a 4,200 gallons-per-minute booster station to boost water from the Ina Road Reclaimed Reservoir throughout the reclaimed water system. Justification: This booster will support the use of reclaimed water in the northwest section of the service area.										Project ID: W614 Start Date: 7/12 End Date: 6/15 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	5,500.0	5,500.0	
Total	-	-	-	-	-	-	-	-	-	5,500.0	5,500.0	

Tucson Water - Reclaimed Pumping Plant

(\$000)

Reclaimed Pumping Plant Projects - General										Project ID: WM99		
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.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: This project will ensure the future availability of reclaimed water.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	
Total	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	

Roger Road Plant Booster Expansion										Project ID: W618		
Description: Design and construct improvements to expand the booster station to 4,200 gallons-per-minute capacity.										Start Date: 7/06		
										End Date: 6/09		
										Location: Ward 1		
Justification: This project will accommodate the additional reclaimed water to be produced at the Roger Road Recharge and Recovery Facility.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	179.7	-	600.0	600.0	1,000.0	-	-	-	1,600.0	-	1,779.7	
Total	179.7	-	600.0	600.0	1,000.0	-	-	-	1,600.0	-	1,779.7	

Tucson Water - Reclaimed Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Broadway/Columbus Reclaimed Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,380.0	1,380.0
	-	-	-	-	-	-	-	-	-	1,380.0	1,380.0
Broadway/Pantano Wash Reclaimed Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	830.0	830.0
	-	-	-	-	-	-	-	-	-	830.0	830.0
Columbus/22nd Street Reclaimed Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	645.0	645.0
	-	-	-	-	-	-	-	-	-	645.0	645.0
Norris/Main Avenue Reclaimed Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,700.0	1,700.0
Tucson Water Revenue and Operations Fund	7.1	-	-	-	-	-	-	-	-	-	7.1
	7.1	-	-	-	-	-	-	-	-	1,700.0	1,707.1
Reclaimed Emergency Main Enhancements											
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	500.0	750.0
	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	500.0	750.0
Reclaimed Transmission Main Projects - General											
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	21,000.0	21,000.0
	-	-	-	-	-	-	-	-	-	21,000.0	21,000.0
Sunrise/Craycroft Reclaimed Transmission Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	350.0	350.0
	-	-	-	-	-	-	-	-	-	350.0	350.0

Tucson Water - Reclaimed Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Sunrise/Craycroft to Sabino Reclaimed Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0
	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0
Program Area Total	7.1	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	27,405.0	27,662.1
Source of Funds Summary											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	5,905.0	5,905.0
Tucson Water Revenue and Operations Fund	7.1	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	21,500.0	21,757.1
Program Area Total	7.1	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	27,405.0	27,662.1

Tucson Water - Reclaimed Transmission

(\$000)

Broadway/Columbus Reclaimed Transmission Main Description: Design and construct 13,400 feet of 16-inch reclaimed water transmission main in Broadway Boulevard from Columbus Boulevard to Wilmot Road. Project design will occur in Fiscal Year 2013, followed by construction in Fiscal Years 2014 and 2015. Justification: This project will provide service to Rincon High School, Sears Park, Vail Middle School, and the Williams Center.									Project ID: W625 Start Date: 7/12 End Date: 6/15 Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,380.0	1,380.0
Total	-	-	-	-	-	-	-	-	-	1,380.0	1,380.0

Broadway/Pantano Wash Reclaimed Main Description: Design and construct 8,300 feet of 16-inch reclaimed water transmission main along Broadway Boulevard from the Pantano Wash to Wilmot Road. Project design will be completed by Fiscal Year 2013, followed by construction completion in Fiscal Year 2014. Justification: This project will make reclaimed water available to one school and three apartment complexes that have high outdoor water usage.									Project ID: W626 Start Date: 7/12 End Date: 6/14 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	830.0	830.0
Total	-	-	-	-	-	-	-	-	-	830.0	830.0

Tucson Water - Reclaimed Transmission

(\$000)

Columbus/22nd Street Reclaimed Transmission Main Description: Design and construct 5,000 feet of 16-inch reclaimed water transmission main in Columbus Boulevard from 22nd Street to Broadway Boulevard. The design phase will be completed in Fiscal Year 2013, followed by construction in Fiscal Year 2014. Justification: This project will provide service to Howell and Lineweaver Elementary Schools and to Alvernon Park.									Project ID: W641 Start Date: 7/12 End Date: 6/14 Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	645.0	645.0
Total	-	-	-	-	-	-	-	-	-	645.0	645.0

Norris/Main Avenue Reclaimed Transmission Main Description: Design and construct approximately 16,000 feet of 12-inch reclaimed water transmission main from the intersection of Norris Avenue and 7th Street, along 7th Street to 1st Avenue, north along 1st Avenue to 1st Street, and west along 1st Street to Main Avenue. Design will be completed in Fiscal Year 2014, followed by construction in Fiscal Year 2015. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012. Justification: This project will provide reclaimed water irrigation supply to Tucson High School and Catalina, DeAnza, and Estevan Parks.									Project ID: W460 Start Date: 7/05 End Date: 7/15 Location: Wards 1 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,700.0	1,700.0
Tucson Water Revenue and Operations Fund	7.1	-	-	-	-	-	-	-	-	-	7.1
Total	7.1	-	-	-	-	-	-	-	-	1,700.0	1,707.1

Tucson Water - Reclaimed Transmission

(\$000)

Reclaimed Emergency Main Enhancements 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.									Project ID: W513 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	500.0	750.0
Total	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	500.0	750.0

Reclaimed Transmission Main Projects - General 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.									Project ID: WN99 Start Date: 7/13 End Date: 6/17 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	21,000.0	21,000.0
Total	-	-	-	-	-	-	-	-	-	21,000.0	21,000.0

Tucson Water - Reclaimed Transmission

(\$000)

Sunrise/Craycroft Reclaimed Transmission Main Description: Design and construct 3,000 feet of 16-inch reclaimed water transmission main near Craycroft and Sunrise Roads. Design and construction are scheduled in Fiscal Year 2013. Justification: This project will connect the Sunrise Reservoir to the reclaimed water system.										Project ID: W634 Start Date: 7/12 End Date: 6/13 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	350.0	350.0	
Total	-	-	-	-	-	-	-	-	-	350.0	350.0	

Sunrise/Craycroft to Sabino Reclaimed Main										Project ID: W628		
Description: Design and construct 10,000 feet of 16-inch reclaimed water transmission main in Sunrise Road from Craycroft Road to Sabino Canyon Road. Design and construction are scheduled in Fiscal Year 2013.										Start Date: 7/12		
										End Date: 6/13		
										Location: County		
Justification: This project will augment the existing transmission main and improve system hydraulics. This pipeline will provide service to several Catalina Foothills School District schools.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0	
Total	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0	

Tucson Water - Reclaimed Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Developer-Financed Reclaimed Systems											
Tucson Water Revenue and Operations Fund	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	300.0	600.0
	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	300.0	600.0
Main Extensions: Miscellaneous											
2005 Water Revenue Bond Funds	-	-	55.0	55.0	55.0	55.0	-	-	165.0	-	165.0
Future Water Revenue Bonds	-	-	-	-	-	-	55.0	55.0	110.0	-	110.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	275.0	275.0
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Rose Elementary Reclaimed Lateral											
2005 Water Revenue Bond Funds	25.0	50.0	-	50.0	-	-	-	-	50.0	-	75.0
Tucson Water Revenue and Operations Fund	222.8	-	-	-	-	-	-	-	-	-	222.8
	247.8	50.0	-	50.0	-	-	-	-	50.0	-	297.8
Sabino/Sunrise to Snyder Reclaimed Distribution											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,200.0	1,200.0
	-	-	-	-	-	-	-	-	-	1,200.0	1,200.0
Snyder/Bear Canyon Reclaimed Distribution Main											
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0
	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0

Tucson Water - Reclaimed Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
System Enhancements: Reclaimed											
2005 Water Revenue Bond Funds	-	-	100.0	100.0	100.0	100.0	-	-	300.0	-	300.0
Future Water Revenue Bonds	-	-	-	-	-	-	100.0	100.0	200.0	500.0	700.0
	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0
Program Area Total	247.8	50.0	215.0	265.0	215.0	215.0	215.0	215.0	1,125.0	3,275.0	4,647.8
Source of Funds Summary											
2005 Water Revenue Bond Funds	25.0	50.0	155.0	205.0	155.0	155.0	-	-	515.0	-	540.0
Future Water Revenue Bonds	-	-	-	-	-	-	155.0	155.0	310.0	2,700.0	3,010.0
Tucson Water Revenue and Operations Fund	222.8	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	575.0	1,097.8
Program Area Total	247.8	50.0	215.0	265.0	215.0	215.0	215.0	215.0	1,125.0	3,275.0	4,647.8

Tucson Water - Reclaimed Distribution

(\$000)

Developer-Financed Reclaimed Systems										Project ID: W130		
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.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: This review and inspection ensures compliance with Tucson Water's standards.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Tucson Water Revenue and Operations Fund	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	300.0	600.0	
Total	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	300.0	600.0	

Main Extensions: Miscellaneous										Project ID: W637		
Description: Design and construct pipeline extensions to reclaimed water customers.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: This project will expand the customer base served with reclaimed water.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	-	-	55.0	55.0	55.0	55.0	-	-	165.0	-	165.0	
Future Water Revenue Bonds	-	-	-	-	-	-	55.0	55.0	110.0	-	110.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	275.0	275.0	
Total	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	

Tucson Water - Reclaimed Distribution

(\$000)

Rose Elementary Reclaimed Lateral Description: Design and construct approximately 2,100 linear feet of 6-inch reclaimed distribution main from the Drexel Road/Campbell Avenue Reclaimed Transmission Main to Rose Elementary School. Justification: The reclaimed water delivered by this project will be used for irrigation and reduce the amount of groundwater pumped from the aquifer.										Project ID: W552 Start Date: 1/06 End Date: 6/08 Location: Wards 1 and 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
2005 Water Revenue Bond Funds	25.0	50.0	-	50.0	-	-	-	-	50.0	-	75.0	
Tucson Water Revenue and Operations Fund	222.8	-	-	-	-	-	-	-	-	-	222.8	
Total	247.8	50.0	-	50.0	-	-	-	-	50.0	-	297.8	

Sabino/Sunrise to Snyder Reclaimed Distribution Description: Design and construct 11,500 feet of 12-inch reclaimed water distribution main in Sabino Canyon Road from Sunrise Road to Snyder Road. Design will begin in Fiscal Year 2014 with construction completion in Fiscal Year 2015. Justification: This pipeline will improve system hydraulics and provide service to several apartment complexes.										Project ID: W648 Start Date: 7/13 End Date: 6/15 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,200.0	1,200.0	
Total	-	-	-	-	-	-	-	-	-	1,200.0	1,200.0	

Tucson Water - Reclaimed Distribution

(\$000)

Snyder/Bear Canyon Reclaimed Distribution Main										Project ID: W633		
Description: Design and construct 10,000 feet of 8-inch reclaimed water distribution main in Snyder Road from Bear Canyon to the Arizona National Golf Course. Design is scheduled for Fiscal Year 2014, with construction in Fiscal Year 2015.										Start Date: 7/13		
										End Date: 6/15		
										Location: County		
Justification: This project will augment the existing main and provide service to Sabino High School and McDonald Park.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0	
Total	-	-	-	-	-	-	-	-	-	1,000.0	1,000.0	

<div><div><div>System Enhancements: Reclaimed</div><div><div>Description:</div><div>Design and construct reclaimed water mains during city, county, state, and other agency road improvement projects.</div></div></div><div><div>Justification:</div><div>This project will increase system capacity while reducing the cost of pavement removal and replacement by coordinating construction with the roadway projects.</div></div></div>										<div>Project ID: W645</div> <div>Start Date: Annual</div> <div>End Date: Annual</div> <div>Location: City and County</div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2005 Water Revenue Bond Funds		-	-	100.0	100.0	100.0	100.0	-	-	300.0	-	300.0
Future Water Revenue Bonds		-	-	-	-	-	-	100.0	100.0	200.0	500.0	700.0
Total		-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0

Tucson Water - Reclaimed New Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
New Metered Services											
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
Program Area Total	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
Source of Funds Summary											
Tucson Water Revenue and Operations Fund	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
Program Area Total	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0

Tucson Water - Reclaimed New Services

(\$000)

<div><div>New Metered Services</div><div><div>Description:</div><div>Install new metered reclaimed water services upon customer request and payment of connection fees.</div></div><div><div>Justification:</div><div>This project allows for the installation of new metered reclaimed water services upon customer request.</div></div></div>										<div><div>Project ID:</div><div>W131</div></div> <div><div>Start Date:</div><div>Annual</div></div> <div><div>End Date:</div><div>Annual</div></div> <div><div>Location:</div><div>City and County</div></div>		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Tucson Water Revenue and Operations Fund		-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0
Total		-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0

Tucson Water - Reclaimed Treatment

(\$000)

Roger Road Reclaimed Water Treatment Plant Description: Complete the construction of modifications and upgrades to the Roger Road Reclaimed Water Treatment Plant. Justification: These modifications and upgrades are needed to comply with safety, building, and fire codes, and to maintain operational efficiency.									Project ID: W619 Start Date: 7/01 End Date: 6/08 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Water Revenue Bond Funds	244.6	-	-	-	-	-	-	-	-	-	244.6
2005 Water Revenue Bond Funds	418.0	580.0	-	580.0	-	-	-	-	580.0	-	998.0
Tucson Water Revenue and Operations Fund	91.6	-	-	-	-	-	-	-	-	-	91.6
Total	754.2	580.0	-	580.0	-	-	-	-	580.0	-	1,334.2

Tucson Water - Reclaimed Treatment

(\$000)

Roger Road Reclaimed Water Treatment Plant Description: Complete the construction of modifications and upgrades to the Roger Road Reclaimed Water Treatment Plant. Justification: These modifications and upgrades are needed to comply with safety, building, and fire codes, and to maintain operational efficiency.									Project ID: W619 Start Date: 7/01 End Date: 6/08 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
2000 Water Revenue Bond Funds	244.6	-	-	-	-	-	-	-	-	-	244.6
2005 Water Revenue Bond Funds	418.0	580.0	-	580.0	-	-	-	-	580.0	-	998.0
Tucson Water Revenue and Operations Fund	91.6	-	-	-	-	-	-	-	-	-	91.6
Total	754.2	580.0	-	580.0	-	-	-	-	580.0	-	1,334.2

Tucson Water - Reclaimed Process Control

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
18th Street Crossover Flow Meter											
2005 Water Revenue Bond Funds	20.0	-	-	-	-	-	-	-	-	-	20.0
Tucson Water Revenue and Operations Fund	-	-	-	-	30.0	-	-	-	30.0	-	30.0
	20.0	-	-	-	30.0	-	-	-	30.0	-	50.0
Control Panels: Reclaimed System											
2005 Water Revenue Bond Funds	-	10.0	180.0	190.0	100.0	100.0	-	-	390.0	-	390.0
Future Water Revenue Bonds	-	-	-	-	-	-	100.0	100.0	200.0	2,750.0	2,950.0
	-	10.0	180.0	190.0	100.0	100.0	100.0	100.0	590.0	2,750.0	3,340.0
Program Area Total	20.0	10.0	180.0	190.0	130.0	100.0	100.0	100.0	620.0	2,750.0	3,390.0
Source of Funds Summary											
2005 Water Revenue Bond Funds	20.0	10.0	180.0	190.0	100.0	100.0	-	-	390.0	-	410.0
Future Water Revenue Bonds	-	-	-	-	-	-	100.0	100.0	200.0	2,750.0	2,950.0
Tucson Water Revenue and Operations Fund	-	-	-	-	30.0	-	-	-	30.0	-	30.0
Program Area Total	20.0	10.0	180.0	190.0	130.0	100.0	100.0	100.0	620.0	2,750.0	3,390.0

Tucson Water - Reclaimed Process Control

(\$000)

18th Street Crossover Flow Meter										Project ID: W523					
Description: Install a 5 million gallons-per-day flow meter with Supervisory Control and Data Acquisition (SCADA) on the 18th Street reclaimed transmission main. The gap in funding for this project is necessitated by the need to accelerate the South Avra Valley Storage and Recovery Project, which will allow the city to use all of its Central Arizona Project allocation by 2012.													Start Date: 6/07 End Date: 6/09		
Justification: The flow meter is required to provide operational control of the reclaimed system and obtain necessary information for hydraulic modeling.													Location: Ward 5		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
2005 Water Revenue Bond Funds		20.0	-	-	-	-	-	-	-	-	-	20.0			
Tucson Water Revenue and Operations Fund		-	-	-	-	30.0	-	-	-	30.0	-	30.0			
Total		20.0	-	-	-	30.0	-	-	-	30.0	-	50.0			

Control Panels: Reclaimed System										Project ID: W959					
Description: Design and construct controls for reclaimed water facilities, and modify existing controls at booster stations, reservoirs, and storage facilities.													Start Date: Annual End Date: Annual		
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.													Location: City and County		
Source of Funds:		Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project			
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012						
2005 Water Revenue Bond Funds		-	10.0	180.0	190.0	100.0	100.0	-	-	390.0	-	390.0			
Future Water Revenue Bonds		-	-	-	-	-	-	100.0	100.0	200.0	2,750.0	2,950.0			
Total		-	10.0	180.0	190.0	100.0	100.0	100.0	100.0	590.0	2,750.0	3,340.0			

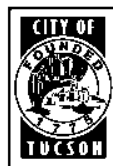


City of Tucson



Non-Departmental

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



Capital Improvement Program Department Statement

FY 2008 through FY 2012

Department: Non-Departmental – General Expense

Five-Year Total: \$ 4,200,100

The General Expense Capital Improvement Program contains projects that benefit the city organization as a whole. This five-year program of \$4.2 million has two projects: a new human resources management system and a new tax revenue management system. Both of these projects are funded from General Fund reserves.

Non-Departmental - General Expense

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012			
Human Resources Management System											
General Fund: Restricted	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0
	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0
Tax Revenue Management System											
General Fund: Restricted	700.0	1,050.0	1,150.1	2,200.1	-	-	-	-	2,200.1	-	2,900.1
	700.0	1,050.0	1,150.1	2,200.1	-	-	-	-	2,200.1	-	2,900.1
Department Total	700.0	1,050.0	2,150.1	3,200.1	1,000.0	-	-	-	4,200.1	-	4,900.1
Source of Funds Summary											
General Fund: Restricted	700.0	1,050.0	2,150.1	3,200.1	1,000.0	-	-	-	4,200.1	-	4,900.1
Department Total	700.0	1,050.0	2,150.1	3,200.1	1,000.0	-	-	-	4,200.1	-	4,900.1

Non-Departmental - General Expense

(\$000)

<div><div>Human Resources Management System</div><div>Description: Upgrade the city's human resources management system to a web-based version, which will include the purchase of software and consultant services and may require the purchase of hardware. Options for the upgrade are being reviewed, but final vendor choice and contractual agreements are still pending.</div><div>Justification: The vendor for the city's current human resources management system will not support the mainframe-based software. Switching to a web-based version will improve user access to information and eliminate reliance on the mainframe.</div></div>										<div>Project ID: N114</div> <div>Start Date: 1/07</div> <div>End Date: 6/09</div> <div>Location: Citywide</div>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
General Fund: Restricted	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0	
Total	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0	

Tax Revenue Management System										Project ID: N115		
Description: Purchase and implement a new tax revenue management system that will replace the current 25-year old business license system and other separate databases used to administer Tucson City Code Chapters 7 and 19, which govern cable, telecommunication, license, business privilege, and utility tax revenues.										Start Date: 3/07		
										End Date: 5/08		
										Location: Citywide		
Justification: This new system will allow the Finance Department to implement a new business license policy approved by the Mayor and Council in March 2006. With the new system businesses will be able to interact electronically for license applications and tax reporting. The new system will allow for better customer service to business owners, citizens, city departments, and other governmental agencies.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2008			Projected Requirements				Five Year Total	Future Years	Total Project	
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2009	Year 3 FY 2010	Year 4 FY 2011	Year 5 FY 2012				
General Fund: Restricted	700.0	1,050.0	1,150.1	2,200.1	-	-	-	-	2,200.1	-	2,900.1	
Total	700.0	1,050.0	1,150.1	2,200.1	-	-	-	-	2,200.1	-	2,900.1	



City of Tucson



Section C

Impact Fee Project Plan

Approved Five-Year Capital Improvement Program
Fiscal Years 2008 through 2012



IMPACT FEE PROJECTS PLAN

The roads and parks impact fee ordinance requires an Impact Fee Projects Plan (IFPP) that lists the projects within each benefit district 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 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.

The following table presents the impact fee revenue collected through December 2006 that is available for allocation in Fiscal Year 2008 and projected revenue for allocation in Fiscal Year 2009. These amounts were used by departments in deciding which projects from the IFPP would be allocated revenues and programmed in this CIP.

Actual and Projected Revenue Available for Allocation (\$000s)

	West	East	Central	Southeast	Southland
Roads					
Fiscal Year 2008	\$ 1,394.8	\$ 1,516.4	\$ 1,218.9	\$ 702.8	\$ 1,403.8
Fiscal Year 2009	1,189.5	1,146.3	762.6	879.7	1,048.6
Total	\$ 2,584.3	\$ 2,662.7	\$ 1,981.5	\$ 1,582.5	\$ 2,452.4
Parks					
Fiscal Year 2008	\$ 1,026.2	\$ 614.8	\$ 629.6	\$ 549.2	\$ 851.5
Fiscal Year 2009	282.9	280.7	344.7	703.7	565.0
Total	\$ 1,309.1	\$ 895.5	\$ 974.3	\$ 1,252.9	\$ 1,416.5

Roads and Parks 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, which are the ordinance-required Impact Fee Projects Plan (IFPP), are presented on the following pages.

Projects programmed in this CIP are noted. For more detail on the projects, see the department CIPs in Section B.

Roads Impact Fee Projects Plan - Fiscal Years 2008 through 2012

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	Programmed
Irvington/Park Intersection	1,600.0		
Ajo/Park Intersection	775.0		
Irvington/12th Intersection	1,600.0		
El Camino del Cerro: I-10 to Silverbell	1,500.0	1,500.0	Programmed
Speedway: Silverbell to Greasewood	2,500.0		
Irvington /I-19 East Interchange	1,500.0		
Drexel: I-19 to Midvale (design)	800.0		
	12,375.0	3,600.0	
East:			
Camino Seco: Speedway to Wrightstown	5,500.0		
Camino Seco/Wrightstown Intersection		1,200.0	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
	12,750.0	1,950.0	
Central:			
Country Club: Ft. Lowell to Prince	5,000.0		
Southeast:			
Mary Ann Cleveland Way	3,500.0	3,500.0	Completed
Golf Links/Kolb Intersection	2,000.0	500.0	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	4,000.0	
Southlands:			
Wilmot Extension	6,000.0		
Five-Year Total	58,625.0	9,550.0	

Parks Impact Fee Projects Plan - Fiscal Years 2008 through 2012

District/Project	Projected Allocations (\$000s)	Budgeted Allocations (\$000s)	Status
West:			
Christopher Columbus Park Expansion	500.0	500.0	Programmed
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	300.0	300.0	Programmed
Rodeo Grounds Sports Field	200.0		
Sunnyside School District Partnerships	378.0		
	4,178.0	1,226.2	
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	450.0	389.8	Programmed
Jacobs Park and Center Expansion	200.0		
Mansfield Park and 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 and Centers Expansions	384.5	384.5	Programmed
Silverlake Park Soccer Field Lighting	100.0	100.0	Programmed
Sonoran Desert Natural Resources Park	100.0		
	1,984.5	974.3	
Southeast:			
Clements Senior Center Completion	2,500.0		
Lincoln Park Expansion	1,056.0	202.9	Programmed
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	1,252.9	
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	20,785.5	5,765.4	



City of Tucson

