

CITY OF TUCSON CAPITAL IMPROVEMENT PROGRAM



Approved Five-Year Capital Improvement Program
Fiscal Years 2005 - 2009
Volume III

CITY OF TUCSON

Approved Five-Year capital Improvement Program

Fiscal Years 2005 through 2009

Presented July 1,2004

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Reader's Guide to the Capital Improvement Program

The Fiscal Year 2005 through 2009 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 (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.

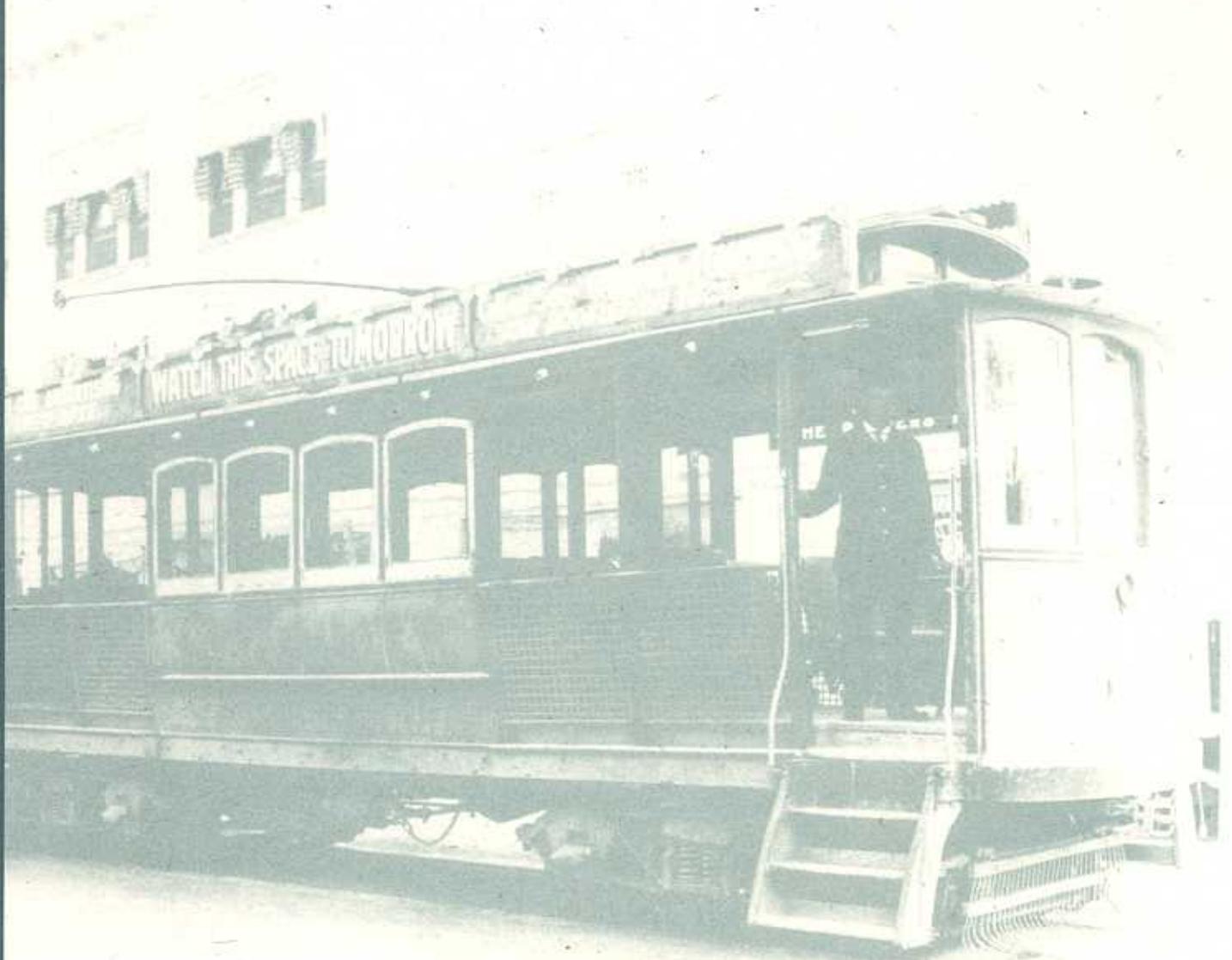
Reading CIP Project Pages

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.

SECTION A OVERVIEW



OVERVIEW OF FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

It is the policy 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 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 information:

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

CIP PROCESS

Definition of 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 a few projects—Back-to-Basics, 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 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 capital improvement program 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 and for pending awards that would require budget capacity be available (i.e., any non-federal grant or contribution). Department requests are reviewed by the Department of Budget and Research and by the City Manager's executive team.

Departments also submit their unmet needs to the Capital Budget Committee (CBC) during the summer. The CBC reviews the unmet needs for consistency with the city's policies and approved planning documents. A few high priority projects are recommended to the City Manager for funding.

The proposed CIP is presented to the Mayor and Council in February. The Council reviews and approves department programs at study session meetings in March. The first two years of the CIP are included as part of the city's biennial budget. Two public hearings are held prior to adoption of the biennial budget.

SUMMARY OF EXPENDITURES AND FUNDING

Unlike in recent Capital Improvement Programs (CIPs), only funded projects are presented in this five-year CIP. The objective of this change is to clarify for the community what the city can do to meet its needs with the limited funds available. While clearly stating what we can do is important, the story of capital needs is not complete without a look at what we aren't currently able to do. Those unmet needs are discussed later in this overview.

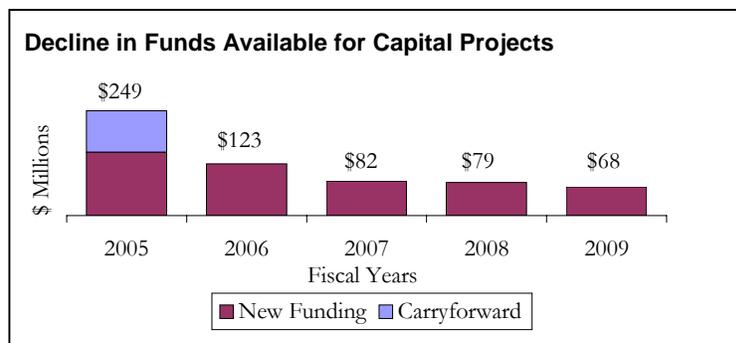
Expenditures

The proposed five-year CIP for Fiscal Years 2005 through 2009 totals \$602.2 million. The majority of the projects are in the Environment and Development Service Area, which includes Environmental Services, Transportation, and Tucson Water.

Five-Year CIP Summary of Expenditures			
(in \$000)	Adopted Year 1 FY 2005	Approved Year 2 FY 2006	Projected Five-Year Program
Neighborhood Services	\$ 57,210.7	\$ 13,715.8	\$ 84,226.5
Environment and Development	159,266.8	106,547.3	468,270.2
Strategic Initiatives	1,028.0	-0-	1,028.0
Support Services	12,923.7	3,197.3	29,951.5
Non-Departmental	<u>18,693.1</u>	<u>-0-</u>	<u>18,693.1</u>
Total	\$ 249,122.3	\$ 123,460.4	\$ 602,169.3

This five-year CIP is \$40.6 million larger than the funded five-year CIP for Fiscal Years 2004 through 2008 of \$561.6 million. However, only Tucson Water's capital budget has significantly increased, and that is due to the assumption of a new water revenue bond authorization beginning in Fiscal Year 2006.

Expenditures decline significantly after Fiscal Year 2005, from \$249.1 million to \$68 million by Fiscal Year 2009. This reduction in funding is due to several factors. Fiscal Year 2005 includes \$97.7 million carried forward for projects not completed as planned, as well as \$151.5 million in new funding. The decline in new funding over the following four years is primarily due to the spending down of the 2000 bond authorizations, which provide new funding of \$43.7 million in Fiscal Year 2005, but only \$4.3 million by Fiscal Year 2009.

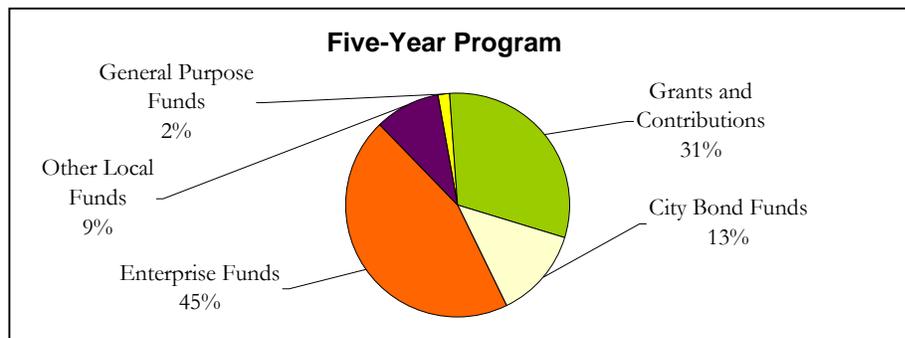


For a summary of expenditures by department and fiscal year, see Table I, Five-Year Capital Improvement Program Summary by Department, on page A-10.

Funding Sources

The five-year program of \$602.2 million is funded primarily from Enterprise Funds, which are primarily Tucson Water user revenues and bonds, and from Grants and Contributions, which are primarily federal grants and state-shared gasoline taxes.

Five-Year CIP Summary of Funding Sources			
(in \$000)	Adopted Year 1 FY 2005	Approved Year 2 FY 2006	Projected Five-Year Program
General Purpose Funds	\$ 6,047.2	\$ 1,010.6	\$ 10,579.9
Grants and Contributions	80,632.7	51,363.9	184,676.9
City Bond Funds	64,806.2	9,308.9	79,679.1
Enterprise Funds	62,929.3	54,661.0	270,109.3
Other Local Funds	34,246.9	6,766.0	55,264.1
Non-City Funds	<u>460.0</u>	<u>350.0</u>	<u>1,860.0</u>
Total	\$ 249,122.3	\$ 123,460.4	\$ 602,169.3



General Purpose Funds. This category, which includes the General Fund, totals \$10.6 million, or only 2% of the five-year CIP. General Fund contributions to the Mass Transit Fund account for \$6.7 million of that total. The remaining \$3.9 million is for General Fund carried forward for the Back to Basics Program and the implementation of a new human resource management system.

Grants and Contributions. This category totals \$184.7 million or 31% of the five-year CIP. Included in this category are federal grants, 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 \$89.7 million account for the largest portion of this category. State-shared Highway User Revenue Funds provide another \$71.7 million: \$36.9 million from the city's HURF allocation and \$34.8 million from HURF distributed regionally by PAG. The remaining \$23.3 million comes from a variety of sources, including the State of Arizona, Pima County, and local school districts.

City Bond Funds. City bond funds, 13% of the five-year CIP, will provide \$79.7 million over the next five years: \$74.2 million from General Obligation Bonds and \$5.5 million from Street and Highway Revenue Bonds.

The 2000 Street and Highway Revenue Bond authorization will be exhausted by the end of Fiscal Year 2006. Spending against the 2000 General Obligation Bond authorization has been extended through Fiscal Year 2009, due to the rescheduling of an annexation fire station. However, most of the general obligation bond authorization will be spent by the end of Fiscal Year 2006.

Enterprise Funds. Enterprise Funds total \$270.1 million or 45% of the five-year CIP. Tucson City Golf revenues account for \$2.3 million of that total. The new Environmental Services Fund provides \$12.7 million. Tucson Water revenues account for the remaining \$254.1 million: \$112.7 million from user revenues, \$112.4 million from a future water revenue bond authorization, \$28.2 million from the remaining 2000 bond authorization, and \$0.8 million from a federal grant.

Tucson Water's 2000 bond authorization will be fully spent by the end of Fiscal Year 2005. A new authorization election will be needed in the spring of 2005 to fully fund this five-year CIP.

Other Local Funds. This category, which provides 9% of the five-year CIP, totals \$55.3 million. These funds come from certificates of participation and other non-bond debt financing of \$47.5 million, trust reserves of \$4.9 million, Deferred Maintenance Reserve funds of \$1 million, and Transportation Enterprise Area Management parking revenues of \$1 million.

Non-City Funds. Non-City Funds category contains contributions made by property owners to the Special Assessments Fund for improvement districts. It totals \$1.9 million and accounts for 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, on pages A-11 and A-12.

HIGHLIGHTS OF DEPARTMENT PROGRAMS

The department program highlights are presented within their budget reporting categories: Neighborhood Services, Environment and Development, Strategic Initiatives, Support Services, and Non-Departmental.

Neighborhood Services

The Neighborhood Services category, which accounts for 14% of the total five-year CIP, contains projects managed by City Court, Community Services, Fire, Library, Neighborhood Resources, Parks and Recreation, Tucson City Golf, and Police.

City Court. The Deferred Maintenance Reserve funds City Court's one project for \$1 million: partial demolition of the adjacent parking garage and structural reinforcement for the portion that houses mechanical systems.

Community Services. The Community Services five-year program of \$0.9 million is for the completion of three projects funded from federal housing grants: site acquisitions that are part of the South Park HOPE VI redevelopment project, completion of the Santa Rita Skate Park, and construction of an arts and culture center at South Park.

Fire. Fire's five-year program of \$13.7 million contains seven projects: construction of three new fire stations, remodeling of six fire stations, apparatus for one fire station, support facility improvements, and communications equipment upgrades. City general obligation bonds and certificates of participation fund these projects.

Library. The five-year program for Library of \$2.2 million contains four projects: completion of improvements at the Golf Links, Quincie Douglas, and Midtown Libraries and the initial phase of improvements at the Joel D. Valdez Main Library. City general obligation bonds are the only funding source for these projects as shown in this CIP. Additional funding for the Midtown Library from Pima County general obligation bonds is shown in the county's CIP.

Neighborhood Resources. This department's five-year CIP of \$22.9 million is for the Back to Basics Program. There is \$8 million carried forward in Fiscal Year 2005 for the completion of rounds three through six. New funding of \$14.9 million will provide \$425,000 annually for each councilmember and the mayor.

Parks and Recreation. Park's five-year CIP of \$29.6 million contains 37 projects. The projects are funded primarily from city bonds of \$17.7 million and county bonds of \$9.5 million. Grants and contributions provide for the remaining \$2.4 million. These funds provide for a wide range of projects: improvements at regional parks, completion of new recreation centers, and amenities at neighborhood parks.

Tucson City Golf. Golf's \$3.4 million five-year program contains two projects: Trini Alvarez-El Rio First Tee Renovations for \$2.9 million and Miscellaneous Golf Course Improvements for \$0.5 million. The Trini Alvarez improvements will be a joint project with the Tucson Conquistadores, who will contribute \$1.6 million, and the First Tee Corporation, which will contribute in-kind support.

Police. The Police department's five-year program of \$10.6 million is for two projects: facility improvements and a new substation that will replace the Rillito Substation. These projects are funded with city general obligation bonds and 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 Environmental Services, Transportation, and Tucson Water.

Environmental Services. The department's five-year program of 25 projects totals \$28.6 million. Funding for these projects is primarily from city general obligation bonds and debt financing. This program will allow the city to meet near-term regulatory mandates, but not mandated improvements needed in the long-term. As the new Environmental Services utility matures, additional projects will be funded from its revenues.

Transportation. The five-year Transportation program of \$185.6 million includes six program areas: Streets for \$97.4 million, Drainage for \$20.8 million, Street Lighting for \$5.7 million, Traffic Signals for \$9 million, Parking Garages for \$1.1 million, and Public Transit for \$51.6 million. Because there are insufficient funds to meet all of Transportation's needs, this CIP simply allocates available funding to the highest priority projects.

The largest funding source for Transportation's projects is federal funding, which totals \$81.1 million. Other major funding sources are city bond funds of \$25.5 million, regional Highway User Revenue Funds (HURF) of \$34.8 million, and city HURF of \$24.6 million.

Other contributions and non-federal grants provide \$12.9 million. The remaining \$6.7 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 \$254.1 million includes \$210.1 million of improvements to the potable water system and \$44 million of improvements for the reclaimed water system. Tucson Water's CIP is funded from user revenues of \$112.7 million, \$112.4 million from a future water revenue bond authorization, \$28.2 million from the remaining 2000 bond authorization, and \$0.8 million from a federal grant.

Tucson Water will have completely spent its 2000 bond authorization (\$123.6 million) by the end of Fiscal Year 2005. This CIP requires that a new bond authorization be put before the voters in spring 2005. Without a new bond authorization this proposed CIP would have to be severely reduced.

Strategic Initiatives

The Strategic Initiatives category, which contains projects managed by the Tucson Convention Center, accounts for less than 1% of the total five-year CIP.

Tucson Convention Center. The only project in the Tucson Convention Center's five-year CIP is the replacement of the facility's fire alarm system at a cost of \$1 million. General Obligation bond fund interest was allocated to this high priority project.

Support Services

The Support Services category, which accounts for 5% of the total five-year CIP, contains capital projects managed by General Services.

General Services. There are two projects in General Service's five-year CIP of \$30 million. The completion of modifications to park facilities to comply with the Americans with Disabilities Act for \$0.1 million from the General Fund and the initial phase of the Emergency Communications System for \$29.9 million in certificates of participation, which will provide for computer-aided dispatch for Fire, a radio dispatch center security system, and radio communications for non-public safety departments. This funding is in addition to the \$60 million that is listed as the city's share of the Pima County Sheriff's bond-funded project for a regional public safety communications system. That \$60 million in funding will provide for basic radio communication needs of the city's Fire and Police departments, including building radio coverage and a dispatch facility.

Non-Departmental

The Non-Departmental category, which accounts for 2% of the total five-year CIP, contains projects that are beyond the scope of a single department.

General Expense. The five-year program for General Expense contains five projects that total \$18.7 million: completion of the Hardesty Multi-Service Center, the renovation or relocation of the Mayor and Council Chambers, construction of the Starr Pass and Pennington Street parking garages, and an upgrade to the city's financial and human resources management systems. Funding for the program comes from certificates of participation of \$17.1 million, \$0.8 million from a contribution for the Pennington Street Garage, and \$0.8 million from the General Fund.

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 \$7 million for Fiscal Year 2005, increasing to \$12.4 million for Fiscal Year 2006, and to \$16.7 million by Fiscal Year 2009.

MAINTENANCE IMPACTS				
(in \$000)	Year 1 - FY 2005		Year 2 - FY 2006	
	Amount	FTEs	Amount	FTEs
General Purpose Funds	\$ 5,931.3	101	\$ 10,165.9	108
Restricted Funds	<u>1,028.6</u>	<u>10</u>	<u>2,254.1</u>	<u>15</u>
Total	\$ 6,959.9	111	\$ 12,420.0	123

The O&M impacts are primarily for the staffing and opening of new facilities: one multi-service center, three new fire stations, two new branch libraries, and seven new or expanded Parks and Recreation centers. The operating costs for expansion vans, primarily for labor and fuel costs, for Van Tran is also a significant component of the total O&M impact.

The General Fund pays for most of the operating and maintenance impacts (85% in Fiscal Year 2005 and 82% in Fiscal Year 2006). The balance is funded from Library District taxes, Environmental Services utility revenues, and the city's Highway User Revenue Fund (HURF).

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-13.

SUMMARY OF UNMET CAPITAL NEEDS

This past summer and fall departments participated in a process lead by the Capital Budget Committee (CBC) to identify the city's unmet capital needs. Departments submitted unmet capital needs in two categories: existing unmet needs for the city's current population and future growth-related unmet capital needs through 2030. Tucson Water's projects were excluded from the analyses, because options are available to the utility to ensure funding.

[Note: The process for conducting the unmet capital needs occurred before several initiatives that will impact the number of unfunded projects: establishment of the Environmental Services utility, approval of the Pima County 2004 general obligation bond program, and development of street and park impact fees. These new funding sources will require adjustments to this listing in the next budget cycle.]

Existing Unmet Capital Needs

This category includes projects that are needed to serve the city's current population. These unfunded projects total \$4 billion.

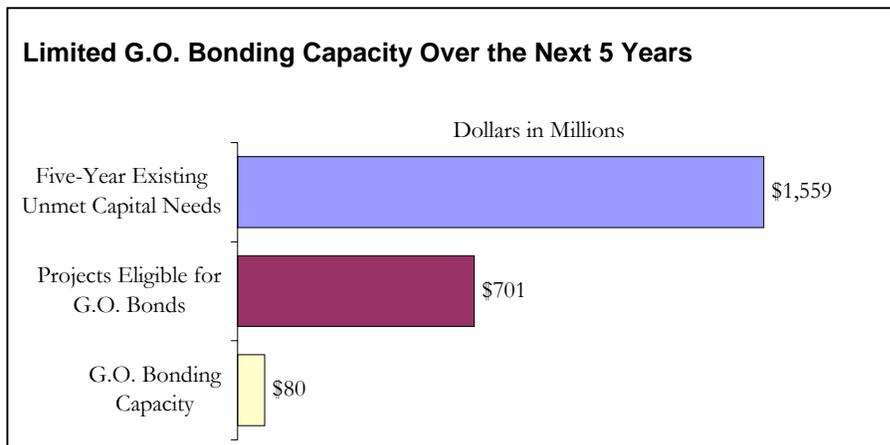
Departments programmed what they could reasonably accomplish over the next five years if funding was available, which totaled \$1.6 billion of the total. The remaining \$2.4 billion was programmed in future years, as shown in the following table.

Existing Unmet Capital Needs¹			
(in \$000)	Five-Year Program	Future Years	Total
Neighborhood Services	\$ 376,309.3	\$ 350,640.0	\$ 726,949.3
Environment and Development	996,137.3	2,043,152.0	3,039,289.3
Strategic Initiatives	11,425.0	-0-	11,425.0
Support Services	59,871.1	-0-	59,871.1
Non-Departmental	117,605.0	-0-	117,605.0
Total	\$ 1,561,347.7	\$ 2,393,792.0	\$ 3,955,139.7

¹Capital projects needed to serve the city's current population.

Not surprisingly, Transportation needs account for \$3 billion or 76% of the total. This large backlog is the result of incomplete infrastructure—minimal sidewalks, street lighting, and inadequate draining, which are the legacies of not imposing development standards and a lack of planning—coupled with a continuous deferral of annual maintenance.

General Obligation Bonding Capacity. Of the \$1.6 billion in existing unmet needs over the next five years that could be accomplished if funding were available, approximately \$701 million would be eligible for general obligation bonds. However, given the city's current cap on the combined property tax rate, only \$80 million of bonding capacity will be available for the next five-year bond authorization. The city anticipates going out for a new authorization in 2005.



Street and Highway Revenue Bonds. Even though there are projects totaling \$683 million that would be eligible for street and highway revenue bonds, the city currently does not have the ability to pay for a new street and highway revenue bond authorization. All of the city's current Highway User Revenue Funds (HURF), which are the repayment source

for street and highway revenue bonds, are needed to cover annual operating expenses and to pay off already authorized revenue bonds.

Growth-Related Unmet Capital Needs

This category includes projects that departments believe will be needed to serve projected growth through 2030. These unmet capital needs total approximately \$2 billion. Transportation projects also form a major component of this category at \$1.5 billion or 77% of the total.

Future Growth-Related Unmet Capital Needs¹	
(in \$000)	Future Years
Neighborhood Services	\$ 411,710.0
Environment and Development	1,531,845.0
Strategic Initiatives	30,000.0
Support Services	<u>26,299.6</u>
Total²	<u>\$ 1,999,854.6</u>

¹Capital projects needed to serve projected growth through 2030.

²Amounts shown are in current dollars.

The state's Growing Smarter legislation requires that the city identify policies and strategies that will require development to pay its fair share toward the cost of additional public service needs generated by new development. The city is in the process of conducting a cost-of-service study to address those issues.

For a listing of projects in both categories of unmet needs, see Section C, Unmet Capital Needs.

SUMMARY TABLES

Table I, Five-Year Capital Improvement Program Summary by Department (page A-10)

Table II, Five-Year Capital Improvement Program Summary by Funding Source (page A-11).

Table III, Five-Year Capital Improvement Program Operating Cost Impact Summary (page A-13).

Table I
Five-Year Capital Improvement Program
Summary by Department
(\$000)

Service Area/Department	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Neighborhood Services											
City Court	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0
Community Services	1,875.5	506.5	419.0	925.5	-	-	-	-	925.5	-	2,801.0
Fire	5,000.0	8,641.8	300.0	8,941.8	480.0	-	-	4,250.0	13,671.8	-	18,671.8
Library	3,971.4	1,978.6	-	1,978.6	125.0	125.0	-	-	2,228.6	-	6,200.0
Neighborhood Resources	-	8,000.0	2,975.0	10,975.0	2,975.0	2,975.0	2,975.0	2,975.0	22,875.0	-	22,875.0
Parks and Recreation	12,356.0	20,313.7	2,571.9	22,885.6	6,691.8	-	-	-	29,577.4	-	41,933.4
Tucson City Golf	-	1,763.0	1,600.0	3,363.0	-	-	-	-	3,363.0	-	3,363.0
Police	9,764.7	423.8	6,732.5	7,156.3	3,444.0	-	-	-	10,600.3	-	20,365.0
	32,982.8	41,862.3	15,348.4	57,210.7	13,715.8	3,100.0	2,975.0	7,225.0	84,226.5	-	117,209.3
Environment and Development											
Environmental Services	28,341.6	9,838.0	10,993.3	20,831.3	5,679.0	1,912.0	100.0	79.0	28,601.3	-	56,942.9
Transportation	47,166.0	27,361.5	60,201.0	87,562.5	48,603.3	20,263.2	19,692.5	9,492.4	185,613.9	-	232,779.9
Tucson Water	38,728.7	9,053.0	41,820.0	50,873.0	52,265.0	49,702.0	49,985.0	51,230.0	254,055.0	218,560.0	511,343.7
	114,236.4	46,252.5	113,014.3	159,266.8	106,547.3	71,877.2	69,777.5	60,801.4	468,270.2	218,560.0	801,066.6
Strategic Initiatives											
Tucson Convention Center	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0
	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0
Support Services											
General Services	4,822.9	4,948.7	7,975.0	12,923.7	3,197.3	7,423.8	6,406.7	-	29,951.5	-	34,774.4
	4,822.9	4,948.7	7,975.0	12,923.7	3,197.3	7,423.8	6,406.7	-	29,951.5	-	34,774.4
Non-Departmental											
General Expense	14,428.8	4,596.0	14,097.1	18,693.1	-	-	-	-	18,693.1	-	33,121.9
	14,428.8	4,596.0	14,097.1	18,693.1	-	-	-	-	18,693.1	-	33,121.9
Total	166,470.8	97,659.5	151,462.8	249,122.3	123,460.4	82,401.0	79,159.2	68,026.4	602,169.3	218,560.0	987,200.1

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

(\$000)

Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
General Purpose Funds											
General Fund	8,633.2	3,052.4	800.0	3,852.4	-	-	-	-	3,852.4	-	12,485.6
Mass Transit Fund: General Fund Transfer	309.7	1,374.4	820.4	2,194.8	1,010.6	1,111.8	1,210.8	1,199.5	6,727.5	-	7,037.2
	8,942.8	4,426.8	1,620.4	6,047.2	1,010.6	1,111.8	1,210.8	1,199.5	10,579.9	-	19,522.7
Grants and Contributions											
Capital Agreement Fund	3,834.5	3,282.6	4,915.0	8,197.6	565.0	115.0	115.0	115.0	9,107.6	-	12,942.1
Capital Agreement Fund: PAG	19,934.0	608.9	10,297.0	10,905.9	12,840.0	6,200.0	4,850.0	-	34,795.9	-	54,729.9
Capital Agreement Fund: Pima County Bonds	1,823.0	5,597.3	1,150.0	6,747.3	4,867.8	-	-	-	11,615.1	-	13,438.1
Capital Agreement Fund: Pima County Contribution	400.1	54.3	155.0	209.3	2,000.0	-	-	-	2,209.3	-	2,609.4
Community Development Block Grant Fund	90.1	1,751.5	1,275.0	3,026.5	1,275.0	1,275.0	1,275.0	1,275.0	8,126.5	-	8,216.6
Federal Highway Administration Grants	899.3	550.0	11,071.0	11,621.0	14,164.0	3,555.7	7,632.0	-	36,972.7	-	37,872.0
HOPE VI Grants	1,785.4	255.0	269.0	524.0	-	-	-	-	524.0	-	2,309.4
Highway User Revenue Fund	5,756.2	5,101.0	9,933.5	15,034.5	9,841.0	4,345.0	4,184.0	3,495.0	36,899.5	-	42,655.7
Mass Transit Fund: Federal Grants	2,493.4	13,542.5	10,505.1	24,047.6	5,811.1	5,485.7	2,893.8	5,869.1	44,107.3	-	46,600.7
Miscellaneous Non-Federal Grants	435.0	191.0	128.0	319.0	-	-	-	-	319.0	-	754.0
	37,451.1	30,934.1	49,698.6	80,632.7	51,363.9	20,976.4	20,949.8	10,754.1	184,676.9	-	222,128.0
City Bond Funds											
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	1,865.0
1984 General Obligation Bond Funds	338.9	-	-	-	-	-	-	-	-	-	338.9
1994 General Obligation Bond Funds	16,642.2	978.1	-	978.1	99.0	-	-	-	1,077.1	-	17,719.3
1994 General Obligation Bond Funds - Interest	2,317.7	386.0	535.0	921.0	405.0	125.0	-	-	1,451.0	-	3,768.7
1994 Street and Highway Revenue Bond Funds	1,591.2	442.1	-	442.1	-	-	-	-	442.1	-	2,033.3
2000 General Obligation Bond Funds	30,128.9	35,865.8	19,640.0	55,505.8	7,778.0	1,010.0	100.0	4,329.0	68,722.8	-	98,851.7
2000 General Obligation Bond Funds - Interest	50.0	-	2,628.0	2,628.0	280.0	-	-	-	2,908.0	-	2,958.0
2000 Street and Highway Revenue Bond Funds	4,561.0	1,982.0	2,349.2	4,331.2	746.9	-	-	-	5,078.1	-	9,639.1
	57,494.9	39,654.0	25,152.2	64,806.2	9,308.9	1,135.0	100.0	4,329.0	79,679.1	-	137,174.0

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

(\$000)

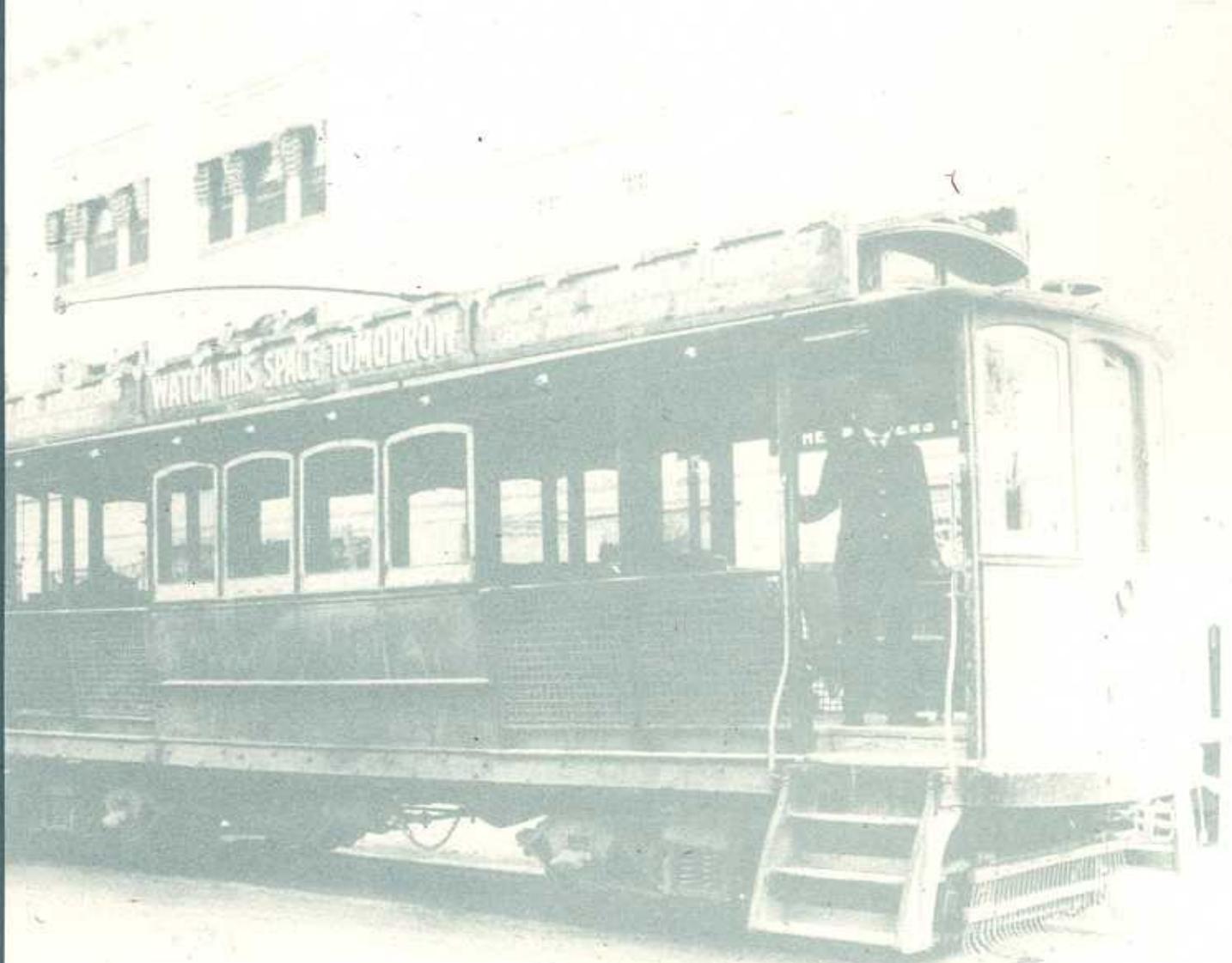
Fund Category/Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Enterprise Funds											
1984 Water Revenue Bond Funds	169.6	-	-	-	-	-	-	-	-	-	169.6
1994 Water Revenue Bond Funds	3,663.5	-	-	-	-	-	-	-	-	-	3,663.5
2000 Water Revenue Bond Funds	20,387.9	9,053.0	19,092.0	28,145.0	-	-	-	-	28,145.0	-	48,532.9
Central Arizona Project Reserve Fund	67.6	-	11.0	11.0	11.0	11.0	11.0	11.0	55.0	-	122.6
Environmental Services Fund	466.4	-	-	-	-	-	-	-	-	-	466.4
Environmental Services Fund: Debt Financing	-	-	8,693.3	8,693.3	2,396.0	1,602.0	-	-	12,691.3	-	12,691.3
Environmental Services Fund: Mandate Reserves	1,932.4	-	-	-	-	-	-	-	-	-	1,932.4
Future Water Revenue Bonds	-	-	-	-	28,074.0	24,644.0	28,331.0	30,612.0	111,661.0	126,535.0	238,196.0
Golf Course Fund	-	1,763.0	-	1,763.0	-	-	-	-	1,763.0	-	1,763.0
Golf Course Fund: Contributions	-	-	1,600.0	1,600.0	-	-	-	-	1,600.0	-	1,600.0
Tucson Water Revenue and Operations Fund	14,440.1	-	22,217.0	22,217.0	23,930.0	25,047.0	21,643.0	20,607.0	113,444.0	92,025.0	219,909.1
Water Revenue and Operations Fund: Grants	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0
	41,127.5	10,816.0	52,113.3	62,929.3	54,661.0	51,304.0	49,985.0	51,230.0	270,109.3	218,560.0	529,796.8
Other Local Funds											
General Fund: Certificates of Participation	18,443.5	5,516.3	12,007.7	17,524.0	6,641.3	7,423.8	6,406.7	-	37,995.8	-	56,439.3
General Fund: Mandate Reserves	1,555.2	-	-	-	-	-	-	-	-	-	1,555.2
General Fund: Restricted	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0
General Fund: Restricted Trust Reserves	935.8	4,876.3	-	4,876.3	-	-	-	-	4,876.3	-	5,812.1
TEAM: Certificates of Participation	-	-	9,500.0	9,500.0	-	-	-	-	9,500.0	-	9,500.0
TEAM: Contribution	160.0	840.0	-	840.0	-	-	-	-	840.0	-	1,000.0
TEAM: Fees and Charges	8.9	241.1	280.6	521.7	124.7	100.0	156.9	163.8	1,067.1	-	1,076.0
	21,118.5	11,708.6	22,538.3	34,246.9	6,766.0	7,523.8	6,563.6	163.8	55,264.1	-	76,382.6
Non-City Funds											
Special Assessments Construction Fund	336.0	120.0	340.0	460.0	350.0	350.0	350.0	350.0	1,860.0	-	2,196.0
	336.0	120.0	340.0	460.0	350.0	350.0	350.0	350.0	1,860.0	-	2,196.0
Total	166,470.8	97,659.5	151,462.8	249,122.3	123,460.4	82,401.0	79,159.2	68,026.4	602,169.3	218,560.0	987,200.1

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

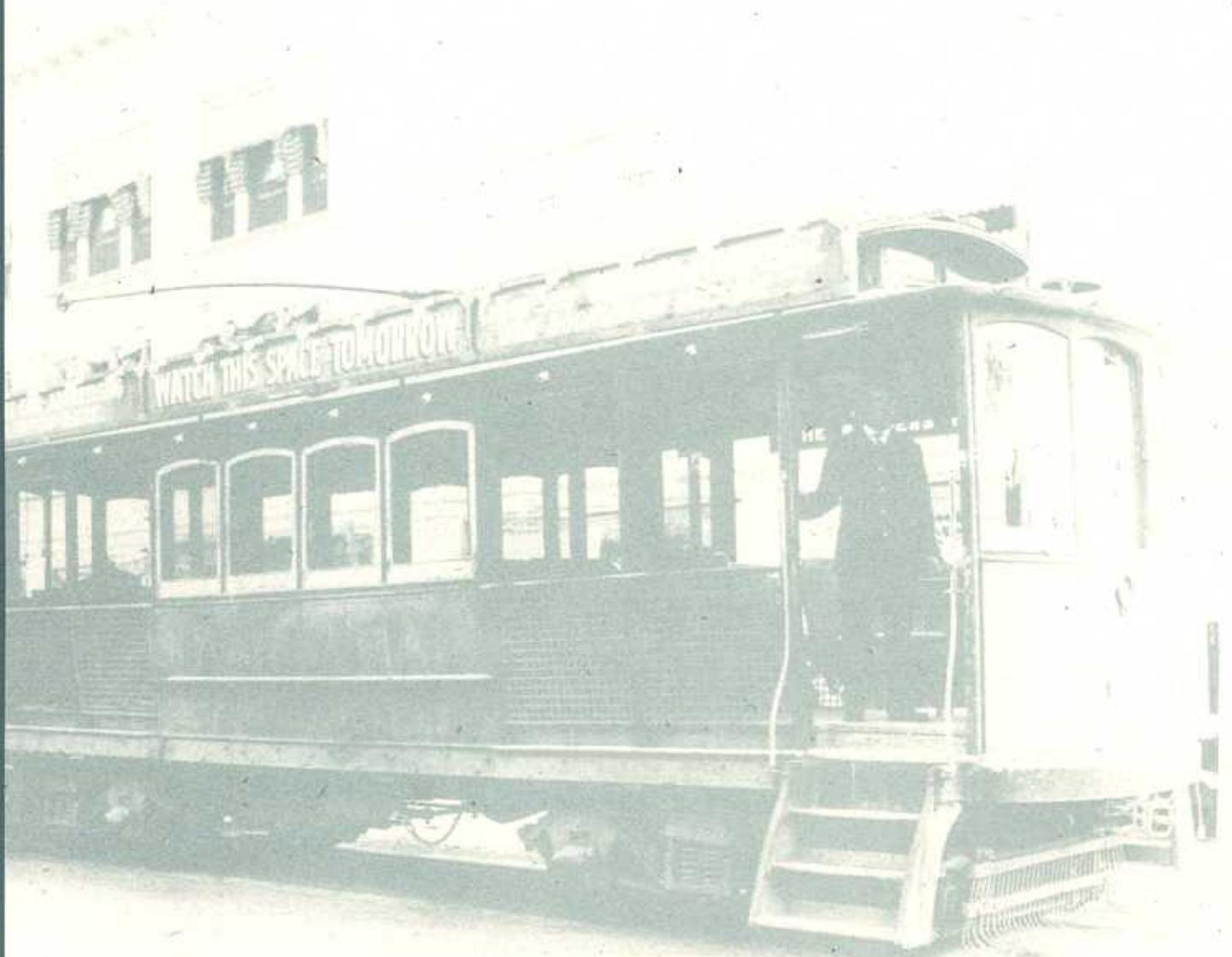
Service Area/Department	Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Neighborhood Services						
Fire	2,351.0	5,327.0	6,641.7	7,691.3	7,687.1	29,698.2
Library	-	884.3	910.8	937.2	965.4	3,697.7
Parks and Recreation	1,947.5	3,158.3	4,213.5	4,213.9	4,214.3	17,747.5
Police	-	-	88.0	88.0	88.0	264.0
	4,298.5	9,369.6	11,854.0	12,930.4	12,954.8	51,407.4
Environment and Development						
Environmental Services	940.0	1,223.0	1,256.0	1,289.0	1,292.0	6,000.0
Transportation	1,313.1	1,351.3	1,816.1	1,863.0	1,941.2	8,284.7
	2,253.1	2,574.3	3,072.1	3,152.0	3,233.2	14,284.7
Non-Departmental						
General Expense	408.3	476.1	490.4	505.2	520.4	2,400.4
	408.3	476.1	490.4	505.2	520.4	2,400.4
Total	6,959.9	12,420.0	15,416.5	16,587.6	16,708.4	68,092.5
Source of Funds Summary						
General Purpose Funds						
General Fund	4,649.5	8,846.8	11,315.6	12,376.8	12,384.5	49,573.3
Mass Transit Fund: General Fund Transfer	1,281.8	1,319.1	1,410.1	1,452.0	1,495.1	6,958.1
	5,931.3	10,165.9	12,725.7	13,828.8	13,879.6	56,531.4
Grants and Contributions						
Highway User Revenue Fund	31.3	32.2	406.0	411.0	446.1	1,326.6
Library Fund: Pima County Contribution	-	884.3	910.8	937.2	965.4	3,697.7
	31.3	916.5	1,316.8	1,348.2	1,411.5	5,024.3
Enterprise Funds						
Environmental Services Fund	940.0	1,223.0	1,256.0	1,289.0	1,292.0	6,000.0
	940.0	1,223.0	1,256.0	1,289.0	1,292.0	6,000.0
Other Local Funds						
TEAM: Fees and Charges	57.3	114.6	118.0	121.6	125.3	536.8
	57.3	114.6	118.0	121.6	125.3	536.8
Total	6,959.9	12,420.0	15,416.5	16,587.6	16,708.4	68,092.5

SECTION B

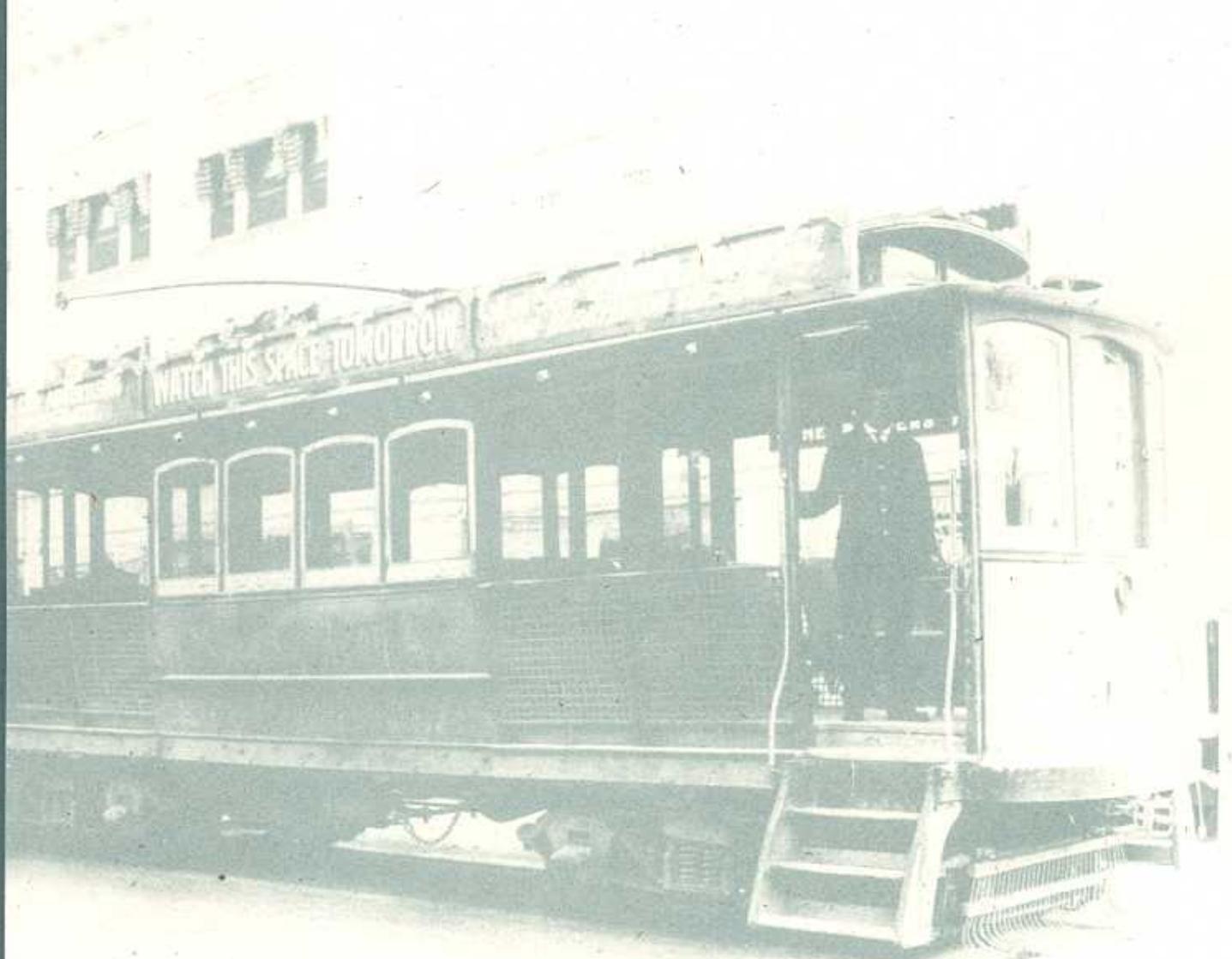
DEPARTMENT PROGRAMS



NEIGHBORHOOD SERVICES



CITY COURT



**Capital Improvement Program
Department Statement**

FY 2005 through FY 2009

Department: City Court

Five-Year Total: \$ 984,900

The City Court Capital Improvement Program addresses the needs of an expanding court.

The parking garage adjacent to the City Court building will be partially demolished and the remaining structure, which houses mechanical systems for the court building, will be reinforced. This project is funded with \$1 million from the Deferred Maintenance Reserve.

City Court

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
City Court Structural Improvements												
General Fund: Restricted	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0	
	<u>15.1</u>	<u>234.9</u>	<u>750.0</u>	<u>984.9</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>984.9</u>	<u>-</u>	<u>1,000.0</u>	
Department Total	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0	
Source of Funds Summary												
General Fund: Restricted	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0	
Department Total	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0	

City Court

(\$000)

Project ID: C103
Start Date: 7/03
End Date: 10/04
Location: Ward 6

City Court Structural Improvements

Description:

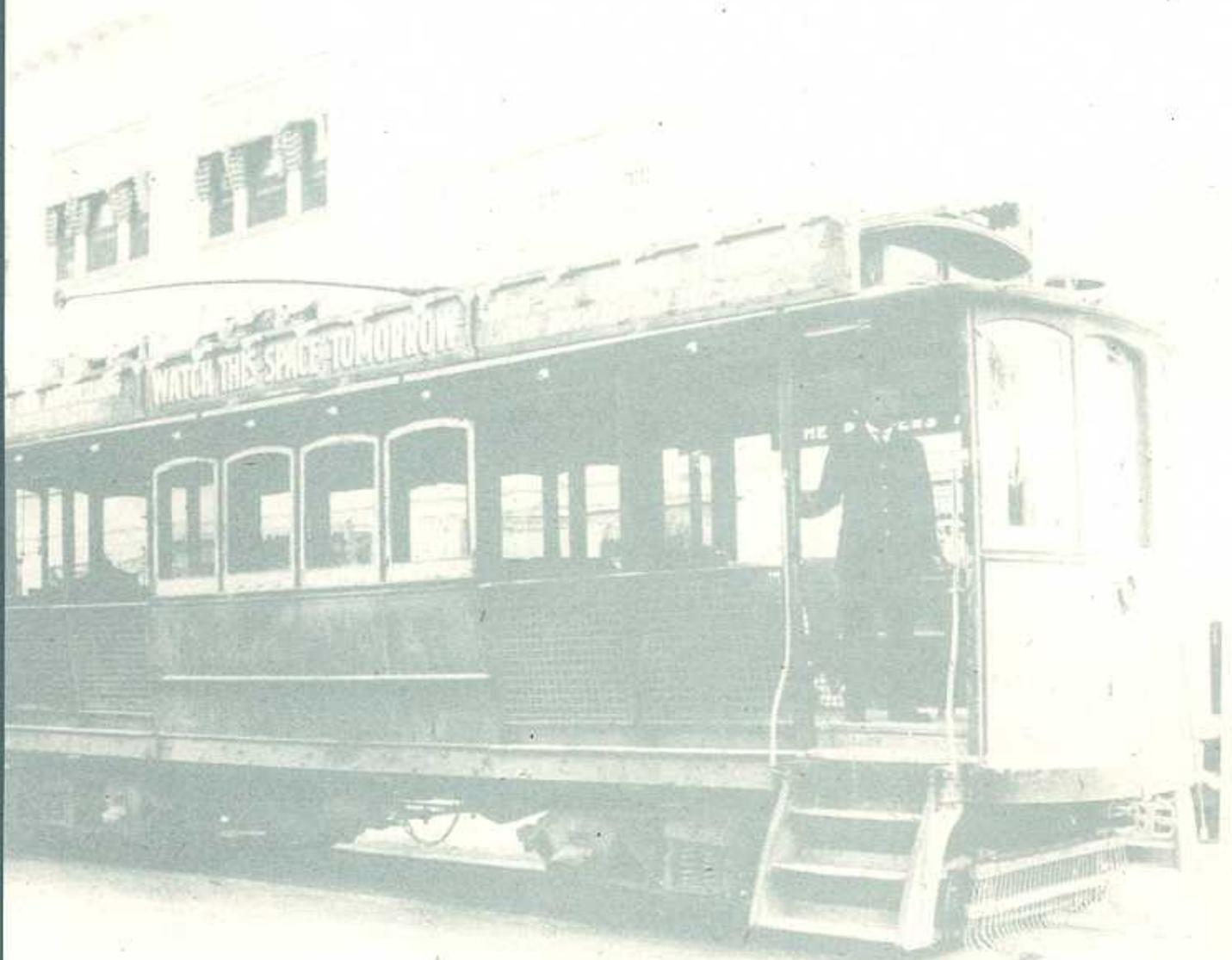
Partially demolish the parking garage adjacent to the City Court building, and reinforce the portion of the structure that houses the mechanical systems for the City Court building.

Justification:

Structural deterioration has made the parking garage unsafe.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
General Fund: Restricted	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0	
Total	15.1	234.9	750.0	984.9	-	-	-	-	984.9	-	1,000.0	

COMMUNITY SERVICES



Capital Improvement Program Department Statement

FY 2005 through FY 2009

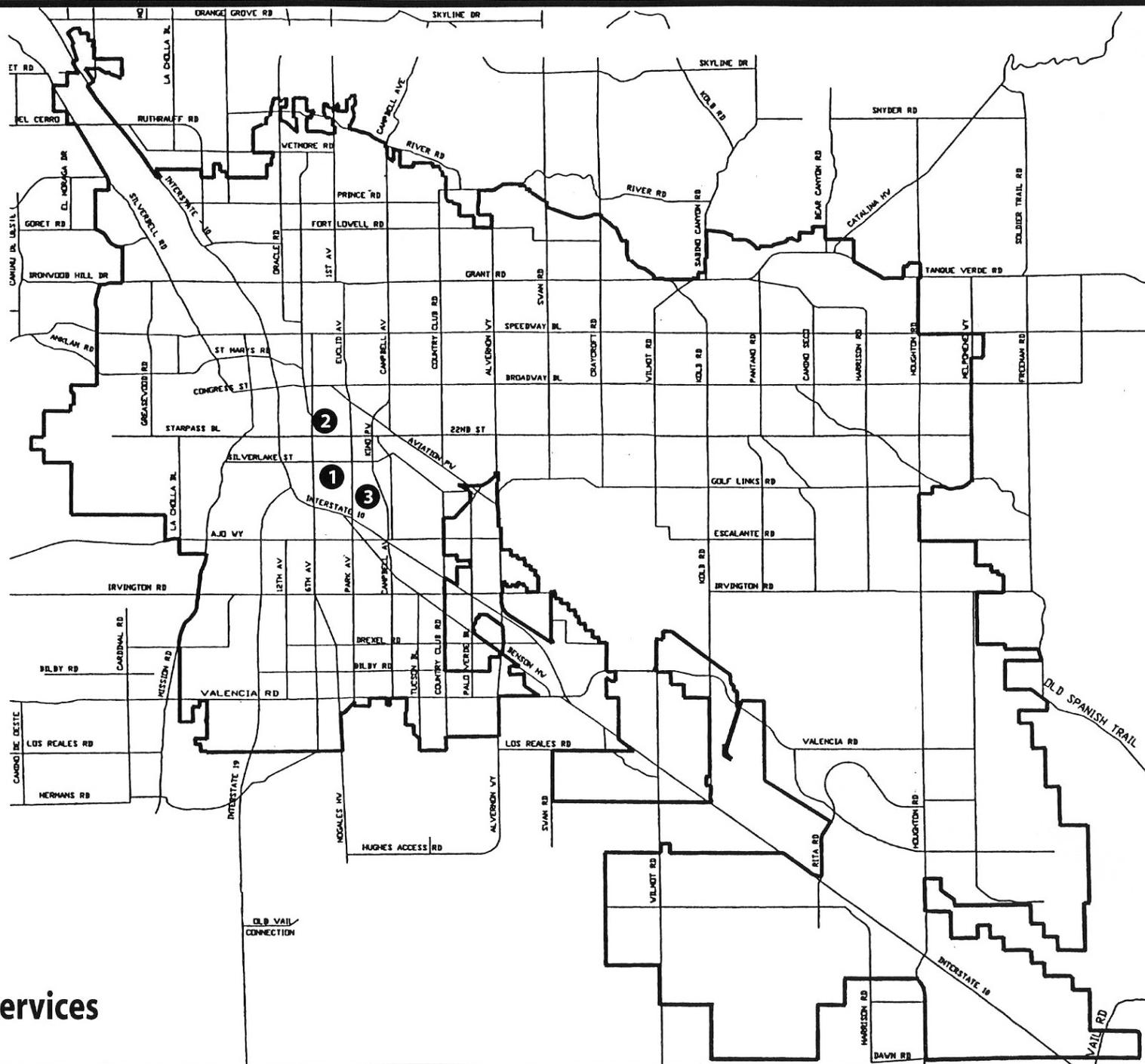
Department: Community Services

Five-Year Total: \$ 925,500

The Community Services Department's Capital Improvement Program (CIP) consists of the revitalization of the Robert F. Kennedy public housing units in the South Park Neighborhood, the Santa Rita Skate Park, and the South Park HOPE VI Arts and Culture Center.

The Community Services Department's five-year CIP is funded with federal grants and Pima County Neighborhood Reinvestment bonds.

Unmet Capital Needs. Not shown in this five-year CIP is \$18.7 million in unfunded projects. See Section C for a listing of those unfunded projects.



Community Services

Map Legend

Community Services Department

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Robert F. Kennedy Homes Revitalization	FY 2005	3. South Park HOPE VI Arts and Culture Center	FY 2005
2. Santa Rita Skate Park	FY 2005		

Community Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Robert F. Kennedy Homes Revitalization												
HOPE VI Grants	1,745.9	255.0	-	255.0	-	-	-	-	255.0	-	2,000.9	
	1,745.9	255.0	-	255.0	-	-	-	-	255.0	-	2,000.9	
Santa Rita Skate Park												
Capital Agreement Fund: Pima County Bonds	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Community Development Block Grant Fund	90.1	251.5	-	251.5	-	-	-	-	251.5	-	341.6	
	90.1	251.5	150.0	401.5	-	-	-	-	401.5	-	491.6	
South Park HOPE VI - Arts and Culture Center												
HOPE VI Grants	39.5	-	269.0	269.0	-	-	-	-	269.0	-	308.5	
	39.5	-	269.0	269.0	-	-	-	-	269.0	-	308.5	
Department Total	1,875.5	506.5	419.0	925.5	-	-	-	-	925.5	-	2,801.0	
Source of Funds Summary												
Capital Agreement Fund: Pima County Bonds	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Community Development Block Grant Fund	90.1	251.5	-	251.5	-	-	-	-	251.5	-	341.6	
HOPE VI Grants	1,785.4	255.0	269.0	524.0	-	-	-	-	524.0	-	2,309.4	
Department Total	1,875.5	506.5	419.0	925.5	-	-	-	-	925.5	-	2,801.0	

Community Services

(\$000)

Robert F. Kennedy Homes Revitalization Description: Partial demolition and reconfiguration of 28 units of Robert F. Kennedy Public Housing in the South Park neighborhood as part of the HOPE VI Redevelopment Project. Equity funds from the South Park Development Partnership of \$900,000 will be contributed to this project.										Project ID: H116 Start Date: 7/02 End Date: 8/04 Location: Ward 5		
Justification: This project is part of the South Park Revitalization Plan approved by Mayor and Council on April 24, 2000.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
HOPE VI Grants	1,745.9	255.0	-	255.0	-	-	-	-	255.0	-	2,000.9	
Total	1,745.9	255.0	-	255.0	-	-	-	-	255.0	-	2,000.9	

Santa Rita Skate Park Description: Design and construct a skate park and related improvements at Santa Rita Park, which is located at 400 E. 22nd Street.										Project ID: H015 Start Date: 7/00 End Date: 6/05 Location: Ward 5		
Justification: This project will provide the city's youth with recreational opportunities.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Community Development Block Grant Fund	90.1	251.5	-	251.5	-	-	-	-	251.5	-	341.6	
Total	90.1	251.5	150.0	401.5	-	-	-	-	401.5	-	491.6	

Community Services

(\$000)

Project ID: H122
Start Date: 10/03
End Date: 12/04
Location: Ward 5

South Park HOPE VI - Arts and Culture Center

Description:

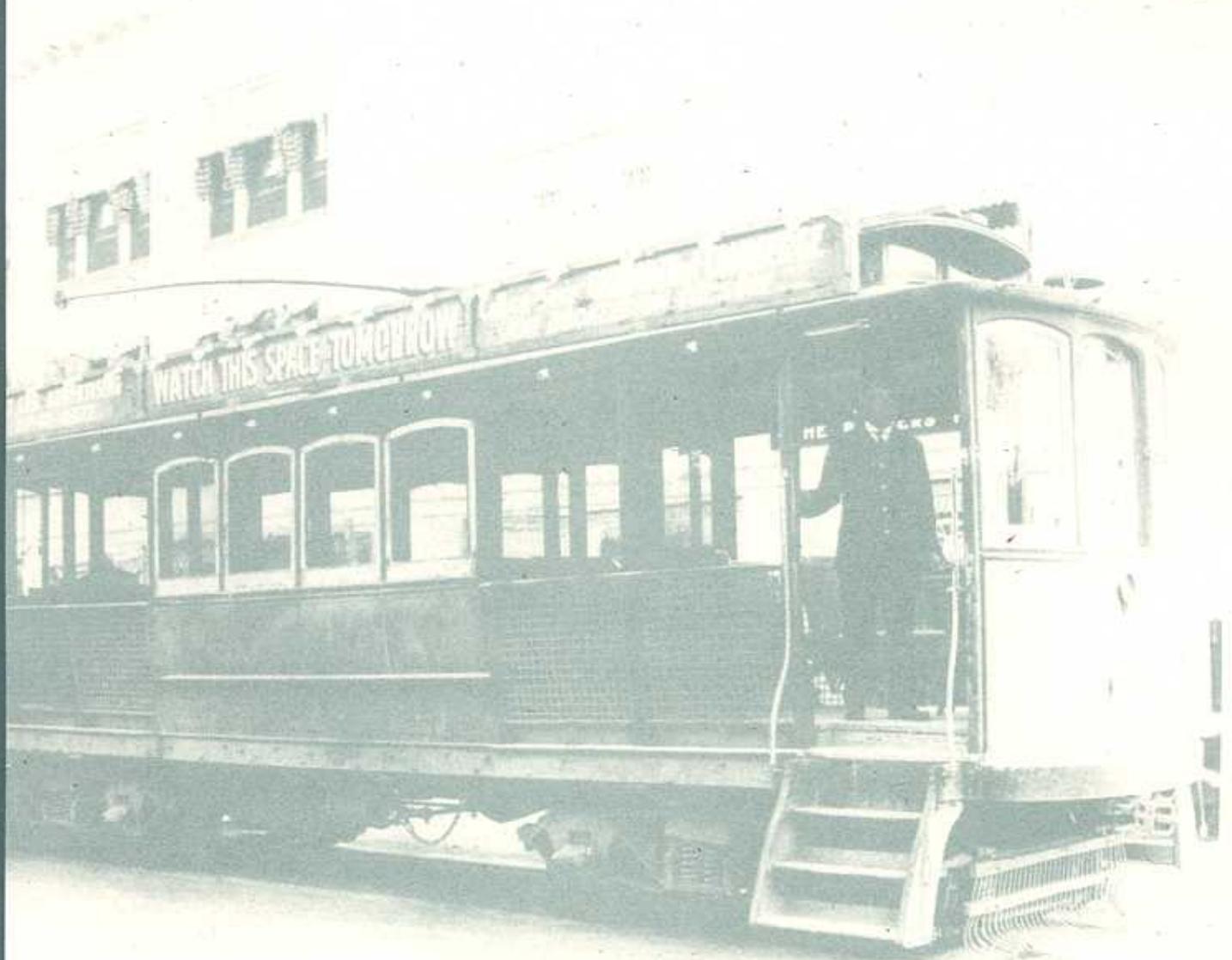
Reconfigure two 4-bedroom public housing units at the Robert F. Kennedy site in the South Park Neighborhood. The reconfigured units will consist of two units for a Arts and Culture Center and three non-public housing rental units for artists. The two public housing units will be replaced off-site in accordance with the South Park Revitalization Plan.

Justification:

This project is part of the South Park Revitalization Plan approved by Mayor and Council on April 24, 2000.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
HOPE VI Grants	39.5	-	269.0	269.0	-	-	-	-	269.0	-	308.5	
Total	39.5	-	269.0	269.0	-	-	-	-	269.0	-	308.5	

FIRE



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Fire

Five Year Total: \$ 13,671,800

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

The five-year capital program of \$13.7 million is funded with \$12.2 million in general obligation bond funds and \$1.5 million in certificates of participation.

Projects in this five-year CIP include the following:

- Apparatus purchases for Fire Station 6
- Replacement of mobile data terminals
- Three new multi-company fire stations
- Remodeling of six stations
- Improvements to support facilities

The operating budget costs associated with this program are projected to be \$2.4 million in Fiscal Year 2005, increasing to \$7.7 million in Fiscal Year 2009. See the following page for the operating budget impact by project and funding source.

Unmet Capital Needs. This five-year CIP does not include \$30 million in unfunded projects that are needed to serve the city's existing population and \$70.3 million in unfunded projects to serve projected population through 2030. See Section C for a listing of those projects.

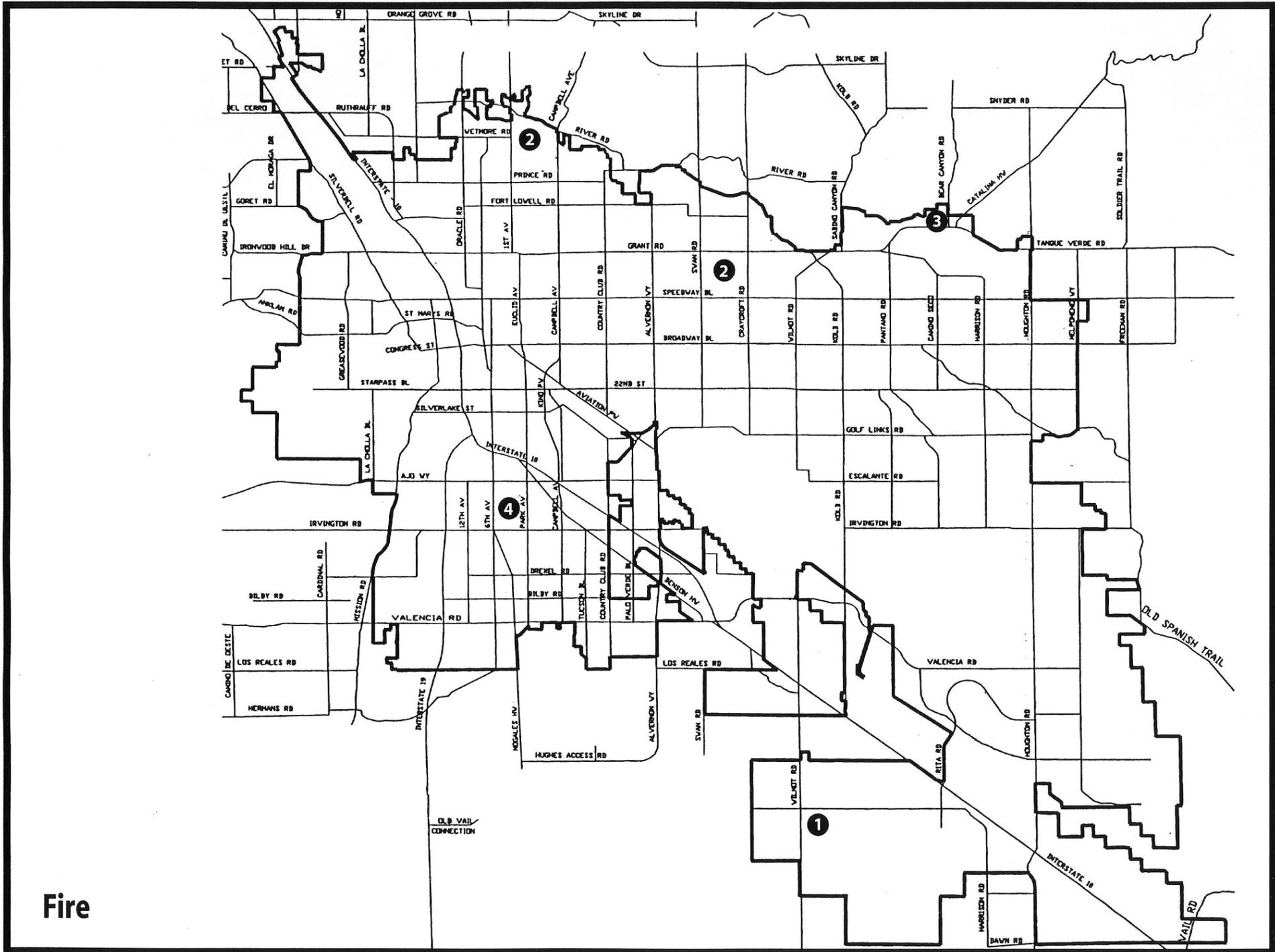
Fire: CIP Impact on the Operating Budget

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 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Fire Station 6	1,060.6	1,086.0	1,694.3	1,745.2	1,797.6	7,383.7
Fire Station 20	775.8	2,617.0	2,982.6	2,836.9	2,922.1	12,134.4
Fire Station 21	502.6	1,588.0	1,922.7	3,065.0	2,922.1	10,000.4
Fire Station Remodels	-	-	5.0	6.0	6.0	17.0
Mobile Data Terminal Upgrades	-	-	-	-	-	-
Support Facility Improvements	12.0	36.0	37.1	38.2	39.3	162.6
Total	2,351.0	5,327.0	6,641.7	7,691.3	7,687.1	29,698.2

Source of Funds Summary						
General Fund	2,351.0	5,327.0	6,641.7	7,691.3	7,687.1	29,698.2
Total	2,351.0	5,327.0	6,641.7	7,691.3	7,687.1	29,698.2



Fire

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 6	FY 2005	3. Fire Station 21	FY 2005
2. Fire Station 20	FY 2005	4. Support Facility Improvements	FY 2005

Note: The location of Fire Station 22 is yet to be determined.

Fire

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Fire Station 6												
1984 General Obligation Bond Funds	12.3	-	-	-	-	-	-	-	-	-	-	12.3
1994 General Obligation Bond Funds	0.1	11.4	-	11.4	-	-	-	-	-	11.4	-	11.5
1994 General Obligation Bond Funds - Interest	63.5	3.9	-	3.9	-	-	-	-	-	3.9	-	67.4
General Fund: Certificates of Participation	1,622.2	677.8	-	677.8	-	-	-	-	-	677.8	-	2,300.0
	1,698.1	693.1	-	693.1	-	-	-	-	-	693.1	-	2,391.2
Fire Station 20												
2000 General Obligation Bond Funds	1,237.9	2,612.1	-	2,612.1	-	-	-	-	-	2,612.1	-	3,850.0
	1,237.9	2,612.1	-	2,612.1	-	-	-	-	-	2,612.1	-	3,850.0
Fire Station 21												
2000 General Obligation Bond Funds	606.2	3,243.8	-	3,243.8	-	-	-	-	-	3,243.8	-	3,850.0
	606.2	3,243.8	-	3,243.8	-	-	-	-	-	3,243.8	-	3,850.0
Fire Station 22												
2000 General Obligation Bond Funds	-	-	-	-	-	-	-	-	4,250.0	4,250.0	-	4,250.0
	-	-	-	-	-	-	-	-	4,250.0	4,250.0	-	4,250.0
Fire Station Remodels												
1994 General Obligation Bond Funds - Interest	-	-	300.0	300.0	200.0	-	-	-	-	500.0	-	500.0
2000 General Obligation Bond Funds - Interest	-	-	-	-	280.0	-	-	-	-	280.0	-	280.0
	-	-	300.0	300.0	480.0	-	-	-	-	780.0	-	780.0
Mobile Data Terminal Upgrades												
General Fund: Certificates of Participation	-	850.0	-	850.0	-	-	-	-	-	850.0	-	850.0
	-	850.0	-	850.0	-	-	-	-	-	850.0	-	850.0

Fire

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Support Facility Improvements												
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	-	100.7
2000 General Obligation Bond Funds	1,307.2	1,242.8	-	1,242.8	-	-	-	-	-	1,242.8	-	2,550.0
2000 General Obligation Bond Funds - Interest	50.0	-	-	-	-	-	-	-	-	-	-	50.0
	1,457.9	1,242.8	-	1,242.8	-	-	-	-	-	1,242.8	-	2,700.7
Department Total	5,000.0	8,641.8	300.0	8,941.8	480.0	-	-	4,250.0	13,671.8	-	-	18,671.8

Source of Funds Summary												
1984 General Obligation Bond Funds	113.0	-	-	-	-	-	-	-	-	-	-	113.0
1994 General Obligation Bond Funds	0.1	11.4	-	11.4	-	-	-	-	-	11.4	-	11.5
1994 General Obligation Bond Funds - Interest	63.5	3.9	300.0	303.9	200.0	-	-	-	-	503.9	-	567.4
2000 General Obligation Bond Funds	3,151.3	7,098.7	-	7,098.7	-	-	-	4,250.0	11,348.7	-	-	14,500.0
2000 General Obligation Bond Funds - Interest	50.0	-	-	-	280.0	-	-	-	280.0	-	-	330.0
General Fund: Certificates of Participation	1,622.2	1,527.8	-	1,527.8	-	-	-	-	1,527.8	-	-	3,150.0
Department Total	5,000.0	8,641.8	300.0	8,941.8	480.0	-	-	4,250.0	13,671.8	-	-	18,671.8

Fire

(\$000)

Fire Station 6 Description: Design and construct a new fire station at the Public Safety Training Academy. Project costs include apparatus and other equipment. Fire Station 6 was completed and occupied June 2002. Fiscal Year 2005 funds are for the final equipment acquisition of one ladder truck.										Project ID: F908 Start Date: 4/00 End Date: 10/04 Location: Ward 4		
Justification: This fire station is needed to serve the growing population of the southeast area of the city. The station is currently staffed with one paramedic-engine company. Future plans include adding a medic company and a ladder company.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 General Obligation Bond Funds	12.3	-	-	-	-	-	-	-	-	-	-	12.3
1994 General Obligation Bond Funds	0.1	11.4	-	11.4	-	-	-	-	-	11.4	-	11.5
1994 General Obligation Bond Funds - Interest	63.5	3.9	-	3.9	-	-	-	-	-	3.9	-	67.4
General Fund: Certificates of Participation	1,622.2	677.8	-	677.8	-	-	-	-	-	677.8	-	2,300.0
Total	1,698.1	693.1	-	693.1	-	-	-	-	-	693.1	-	2,391.2

Fire Station 20 Description: Design and construct a new multi-company fire station located at 1st Avenue and River Road. Project costs include the apparatus and equipment needed for the station. Initially, an engine and paramedic company will be assigned to this station. Addition of a ladder truck company is planned for 2006 pending the availability of operating budget funds.										Project ID: F902 Start Date: 7/01 End Date: 1/05 Location: Ward 3		
Justification: This station is 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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,237.9	2,612.1	-	2,612.1	-	-	-	-	-	2,612.1	-	3,850.0
Total	1,237.9	2,612.1	-	2,612.1	-	-	-	-	-	2,612.1	-	3,850.0

Fire

(\$000)

Fire Station 21 Description: Design and construct a new multi-company fire station located in the area of Bear Canyon and Tanque Verde Roads. Project costs include the apparatus and equipment needed for the station. Initially, a paramedic-engine company will be assigned to this station. The addition of a paramedic company is planned for 2006 and a ladder company for 2008 pending the availability of operating budget funds. Justification: This station is needed to serve the growing population within the existing city limits. Additional stations and companies are needed for the Fire Department to keep their target emergency response time at five minutes or less.										Project ID: F912 Start Date: 12/01 End Date: 2/05 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	606.2	3,243.8	-	3,243.8	-	-	-	-	-	3,243.8	-	3,850.0
Total	606.2	3,243.8	-	3,243.8	-	-	-	-	-	3,243.8	-	3,850.0

Fire Station 22 Description: Design and construct a new multi-company fire station. Project costs include the station's fire apparatus, equipment, and furnishings. Justification: The location of this station will be determined based on several criteria, including where annexations occur, call volume, and population density.										Project ID: F911 Start Date: 7/08 End Date: 1/09 Location: To be determined		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	-	-	-	-	-	-	-	-	4,250.0	4,250.0	-	4,250.0
Total	-	-	-	-	-	-	-	-	4,250.0	4,250.0	-	4,250.0

Fire

(\$000)

Fire Station Remodels Description: Remodel six fire stations (Stations 1, 7, 12, 15, 16, and 17) to convert existing one-room dormitories into individual cubicles for dressing and sleeping.										Project ID: F970 Start Date: 7/04 End Date: 6/06 Location: Citywide		
Justification: With one-room dormitories, these six fire stations do not provide adequate privacy needs for male and female firefighters sharing accommodations.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds - Interest	-	-	300.0	300.0	200.0	-	-	-	500.0	-	500.0	
2000 General Obligation Bond Funds - Interest	-	-	-	-	280.0	-	-	-	280.0	-	280.0	
Total	-	-	300.0	300.0	480.0	-	-	-	780.0	-	780.0	

Mobile Data Terminal Upgrades Description: Replace existing mobile data terminals in fire apparatus, medic trucks, and response vehicles with state-of-the-art units.										Project ID: F904 Start Date: 7/04 End Date: 6/05 Location: Citywide		
Justification: 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.												

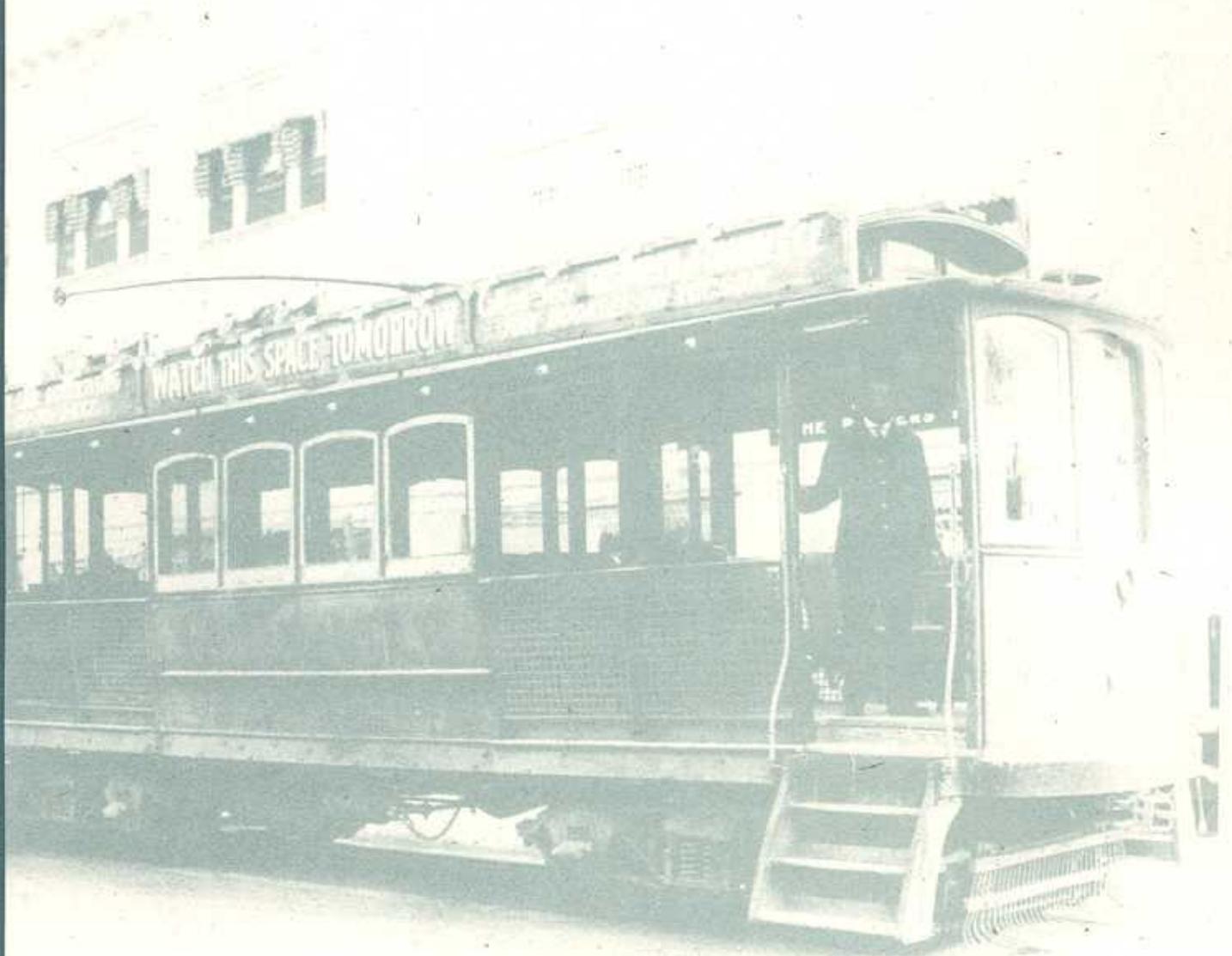
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
General Fund: Certificates of Participation	-	850.0	-	850.0	-	-	-	-	850.0	-	850.0	
Total	-	850.0	-	850.0	-	-	-	-	850.0	-	850.0	

Fire

(\$000)

Support Facility Improvements Description: Design and construct improvements to the Fire Maintenance Facility and Fire Station 7. This project previously included improvements to Fire Headquarters (FHQ). However, the engineering requirements to add a third floor to FHQ were cost prohibitive. The Bond Project Oversight Committee approved reallocation of that portion of the project funding to the maintenance facility improvements. The additional bay at Fire Station 7 was completed in FY 2003. The design phase of relocating the Maintenance Facility was started September 2003 and is projected to be complete in May 2005. 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.										Project ID: F901 Start Date: 7/00 End Date: 5/05 Location: Wards 5 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 General Obligation Bond Funds	100.7	-	-	-	-	-	-	-	-	-	100.7	
2000 General Obligation Bond Funds	1,307.2	1,242.8	-	1,242.8	-	-	-	-	1,242.8	-	2,550.0	
2000 General Obligation Bond Funds - Interest	50.0	-	-	-	-	-	-	-	-	-	50.0	
Total	1,457.9	1,242.8	-	1,242.8	-	-	-	-	1,242.8	-	2,700.7	

LIBRARY



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Library

Five-Year Total: \$ 2,228,600

The Library Department's Capital Improvement Program (CIP) seeks to enhance the viability of library services at existing branches and provide new libraries within the developing areas of the community by funding expansion, renovation, and new construction projects.

The Library's five-year program includes funding of \$2.2 million to complete the expansion of the George Miller-Golf Links Library, construct the new Quincie Douglas Center Library, contribute to Pima County's construction of the Midtown Library and Learning Center (a facility to be shared with the city's Parks and Recreation Department), and renovate the outdoor plaza at the Joel D. Valdez Main Library.

The projected impact on annual operating costs range from \$0.9 million in Fiscal Year 2006 to \$1.0 million by Fiscal Year 2009. See the following page for the operating budget impact by project and funding source.

Unmet Capital Needs. This five-year CIP does not include unfunded projects of \$81.1 million needed to serve the city's existing population and unfunded projects of \$26.4 million needed to serve projected population growth through 2030. See Section C for a listing of those projects.

In May 2004, the voters approved \$7 million in Pima County bonds that will help pay for the Wilmot Library project that is included in the unmet needs at \$10.2 million.

Library: CIP Impact on the Operating Budget

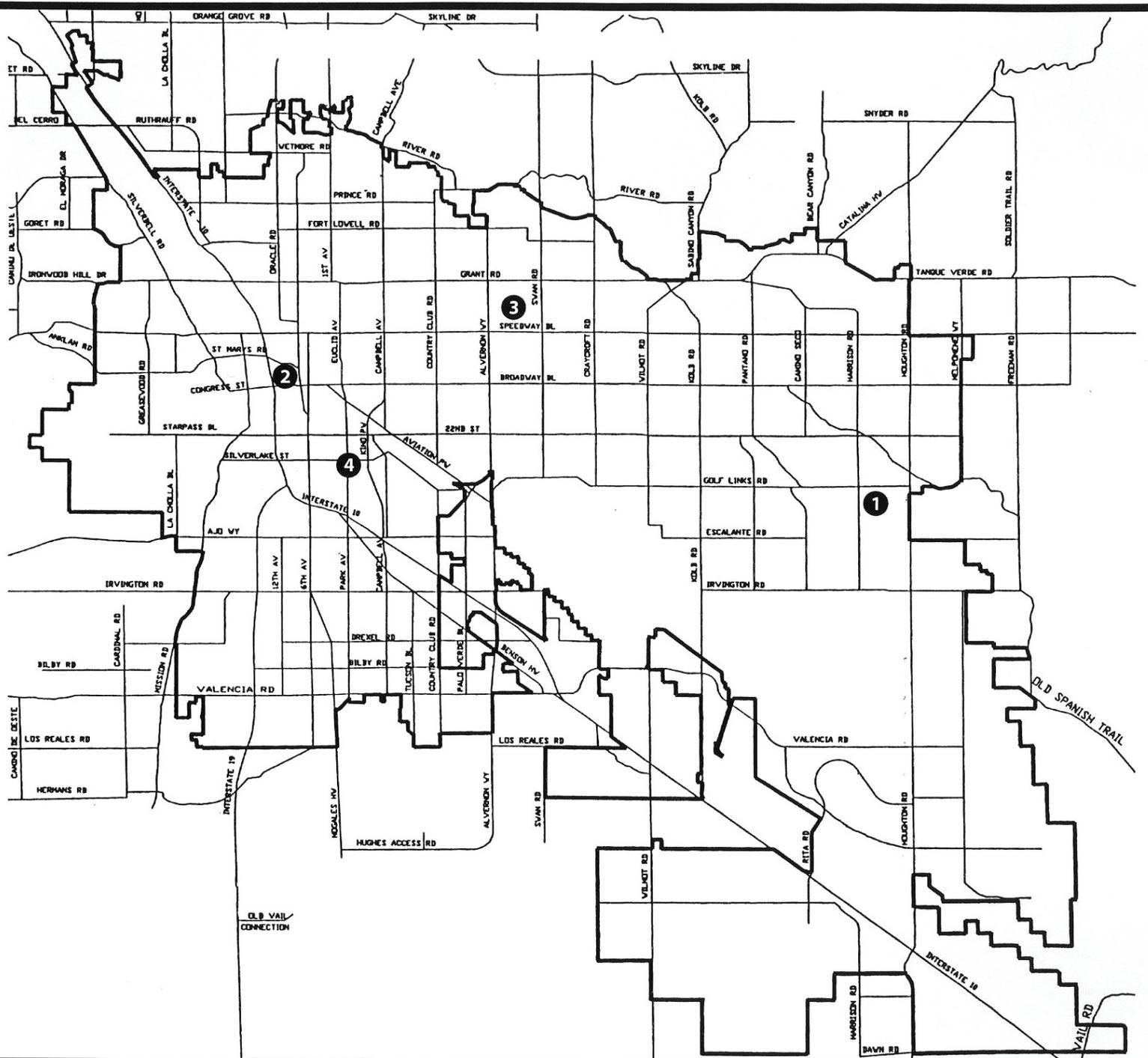
When the following projects in this CIP are completed, they will require funding for annual operations. The estimated impact of these projects on the operating budget over the next five years is shown in the table below.

(\$000)

Project Name	Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Midtown Library and Learning Center	-	297.2	306.0	314.2	323.6	1,241.0
Quincie Douglas Library	-	587.1	604.8	623.0	641.8	2,456.7
Total	-	884.3	910.8	937.2	965.4	3,697.7

Source of Funds Summary						
Library Fund: Pima County Contribution	-	884.3	910.8	937.2	965.4	3,697.7
Total	-	884.3	910.8	937.2	965.4	3,697.7

Note: The city is pursuing full funding of the Library Department from the Pima County Library District tax for Fiscal Year 2006.



Library

Map Legend

Library

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. George Miller-Golf Links Library Expansion	FY 2005	3. Midtown Library and Learning Center	FY 2005
2. Main Library Plaza Improvements	FY 2007	4. Quincie Douglas Library	FY 2005

Library

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
George Miller-Golf Links Library Expansion												
2000 General Obligation Bond Funds	1,164.0	386.0	-	386.0	-	-	-	-	386.0	-	1,550.0	
	1,164.0	386.0	-	386.0	-	-	-	-	386.0	-	1,550.0	
Main Library Plaza Improvements												
1994 General Obligation Bond Funds - Interest	100.0	350.0	-	350.0	125.0	125.0	-	-	600.0	-	700.0	
	100.0	350.0	-	350.0	125.0	125.0	-	-	600.0	-	700.0	
Midtown Library and Learning Center												
2000 General Obligation Bond Funds	200.0	250.0	-	250.0	-	-	-	-	250.0	-	450.0	
	200.0	250.0	-	250.0	-	-	-	-	250.0	-	450.0	
Quincie Douglas Library												
2000 General Obligation Bond Funds	2,507.4	992.6	-	992.6	-	-	-	-	992.6	-	3,500.0	
	2,507.4	992.6	-	992.6	-	-	-	-	992.6	-	3,500.0	
Department Total	3,971.4	1,978.6	-	1,978.6	125.0	125.0	-	-	2,228.6	-	6,200.0	
Source of Funds Summary												
1994 General Obligation Bond Funds - Interest	100.0	350.0	-	350.0	125.0	125.0	-	-	600.0	-	700.0	
2000 General Obligation Bond Funds	3,871.4	1,628.6	-	1,628.6	-	-	-	-	1,628.6	-	5,500.0	
Department Total	3,971.4	1,978.6	-	1,978.6	125.0	125.0	-	-	2,228.6	-	6,200.0	

Library

(\$000)

George Miller-Golf Links Library Expansion										Project ID: L904		
Description: Design and construct a 5,000 square foot expansion of the George Miller-Golf Links Branch Library.										Start Date: 11/00		
										End Date: 7/04		
										Location: Ward 4		
Justification: Since its opening in March 1999, this library has become one of the most used in the system, with a circulation of 370,000 items annually, surpassing the circulation of other similar-sized libraries. The expansion will provide space to increase the book collection from 60,000 to 80,000 volumes and will allow for expanded library programs, such as Homework Help, Storytimes, and public access to personal computers.												
		Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,164.0	386.0	-	386.0	-	-	-	-	386.0	-	1,550.0	
Total	1,164.0	386.0	-	386.0	-	-	-	-	386.0	-	1,550.0	

Main Library Plaza Improvements										Project ID: L913		
Description: Redesign, reconstruct, and enhance the Jacome Plaza at the Joel D. Valdez Main Library to address needed repairs and to connect the plaza's irrigation system to the reclaimed water system at the Tucson Convention Center.										Start Date: 7/01		
										End Date: 6/07		
										Location: Ward 1 (within Rio Nuevo District)		
Justification: Improvements to the plaza are needed to resolve structural subsidence problems and eliminate tripping hazards. The connection of the irrigation system to a reclaimed water source will reduce the use of potable water by the city.												
		Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds - Interest	100.0	350.0	-	350.0	125.0	125.0	-	-	600.0	-	700.0	
Total	100.0	350.0	-	350.0	125.0	125.0	-	-	600.0	-	700.0	

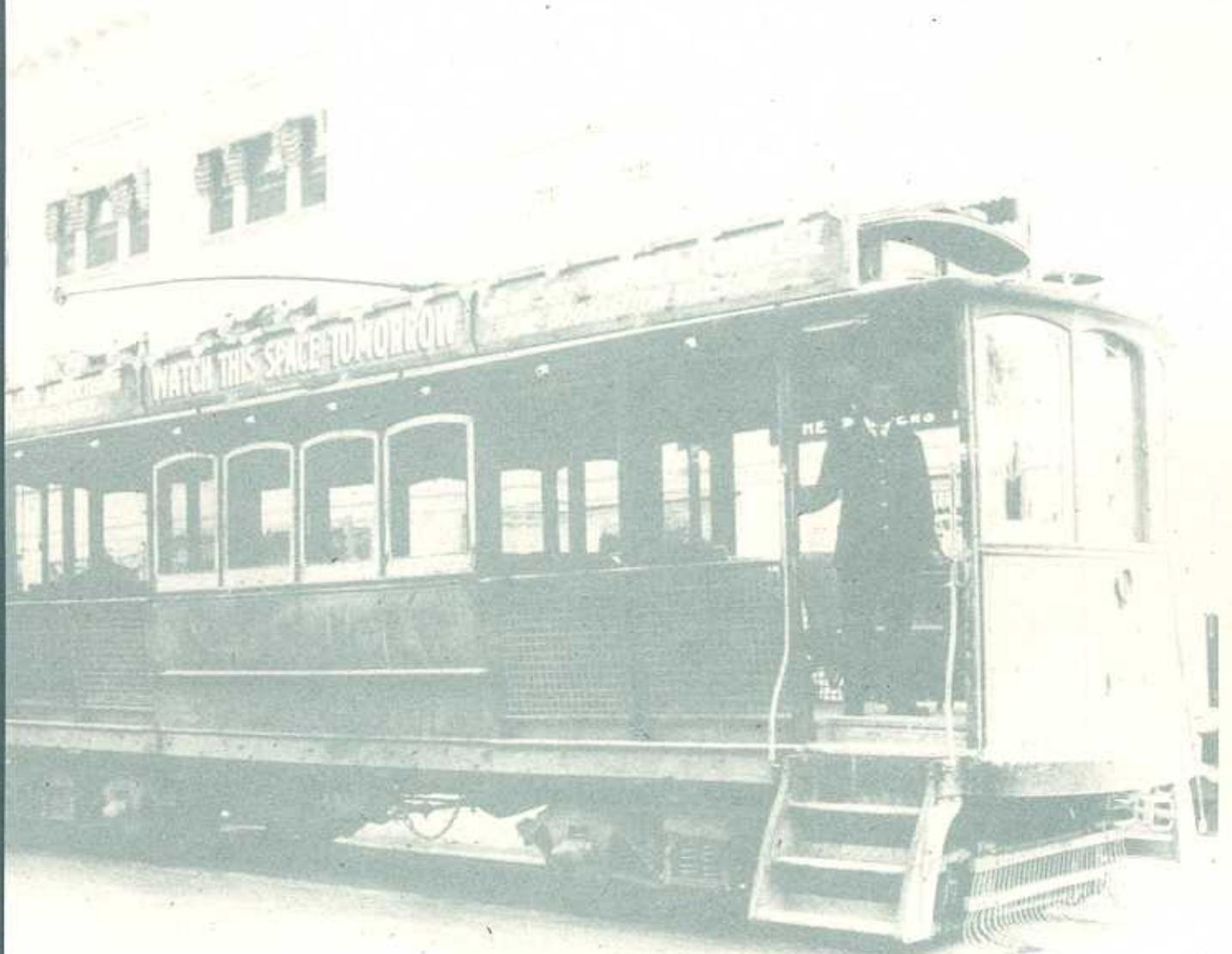
Library

(\$000)

Midtown Library and Learning Center									Project ID: L906			
Description: Contribute funding to Pima County's construction of a 7,000 square foot (expandable to 10,000 square feet) neighborhood library and learning center located within the city limits at Fairmont Avenue and Catalina Boulevard. Pima County will construct this library with \$2 million in county bond funds. This library will have a start up collection of 20,000 books and will also include periodicals, electronic resources, audiotapes, videotapes, compact disks, and reference materials. The library will house a computer lab and provide a wide variety of learning programs focused on youth.									Start Date: 7/98			
									End Date: 6/05			
Justification: A library is needed in this area to accommodate the current population and to place a library in an economically-stressed area.									Location: Ward 6			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	200.0	250.0	-	250.0	-	-	-	-	250.0	-	450.0	
Total	200.0	250.0	-	250.0	-	-	-	-	250.0	-	450.0	

Quincie Douglas Library									Project ID: L909			
Description: Construct a 10,000 square foot neighborhood center library at the existing Quincie Douglas Neighborhood Center. The library will have a start-up book collection of 40,000 volumes (expandable to 60,000) and will also contain a variety of periodicals, electronic resources, audiotapes, compact disks, and reference materials. The library will be a state-of-the-art facility that will provide a full range of programs and learning opportunities for residents.									Start Date: 7/00			
									End Date: 6/05			
Justification: This library is needed to accommodate current and future population growth in the south central area and to provide a neighborhood library in an economically-stressed area.									Location: Ward 5			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	2,507.4	992.6	-	992.6	-	-	-	-	992.6	-	3,500.0	
Total	2,507.4	992.6	-	992.6	-	-	-	-	992.6	-	3,500.0	

NEIGHBORHOOD RESOURCES



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Neighborhood Resources

Five-Year Total: \$ 22,875,000

The Neighborhood Resources program 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. Programming provides \$425,000 annually for the mayor's office and each council office.

The carryforward funding in Fiscal Year 2005 is for completion of Rounds 3 through 6.

Neighborhood Resources

Five-Year Capital Improvement Program

(\$000)

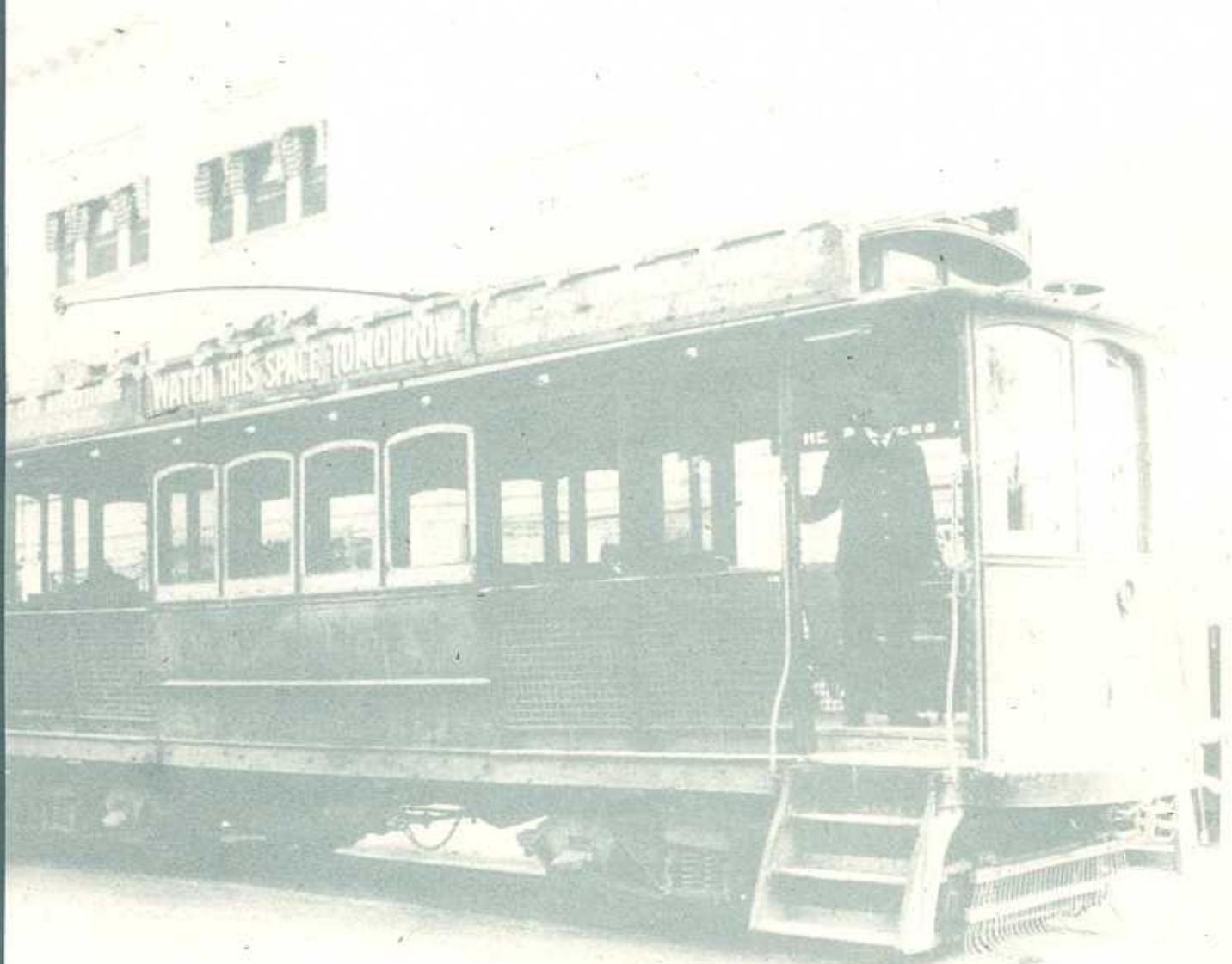
Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Back to Basics Unallocated											
Community Development Block Grant Fund	-	1,500.0	1,275.0	2,775.0	1,275.0	1,275.0	1,275.0	1,275.0	7,875.0	-	7,875.0
General Fund	-	2,700.0	-	2,700.0	-	-	-	-	2,700.0	-	2,700.0
Highway User Revenue Fund	-	3,800.0	1,700.0	5,500.0	1,700.0	1,700.0	1,700.0	1,700.0	12,300.0	-	12,300.0
	-	8,000.0	2,975.0	10,975.0	2,975.0	2,975.0	2,975.0	2,975.0	22,875.0	-	22,875.0
Department Total	-	8,000.0	2,975.0	10,975.0	2,975.0	2,975.0	2,975.0	2,975.0	22,875.0	-	22,875.0
Source of Funds Summary											
Community Development Block Grant Fund	-	1,500.0	1,275.0	2,775.0	1,275.0	1,275.0	1,275.0	1,275.0	7,875.0	-	7,875.0
General Fund	-	2,700.0	-	2,700.0	-	-	-	-	2,700.0	-	2,700.0
Highway User Revenue Fund	-	3,800.0	1,700.0	5,500.0	1,700.0	1,700.0	1,700.0	1,700.0	12,300.0	-	12,300.0
Department Total	-	8,000.0	2,975.0	10,975.0	2,975.0	2,975.0	2,975.0	2,975.0	22,875.0	-	22,875.0

Neighborhood Resources

(\$000)

<p>Back to Basics Unallocated</p> <p>Description: Design and construct basic infrastructure improvements and other enhancements in neighborhoods as directed by the Mayor and Council. This is a master project, providing \$425,000 annually for the mayor's office and each council office. Carryforward funding in Fiscal Year 2005 is to complete Rounds 3 through 6. New funding in Fiscal Year 2005 is for Round 7.</p> <p>Justification: This project supports the Neighborhoods focus area in the City Strategic Plan, which has been adopted by Mayor and Council.</p>										<p>Project ID: A148</p> <p>Start Date: Annual</p> <p>End Date: Annual</p> <p>Location: Citywide</p>		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Community Development Block Grant Fund	-	1,500.0	1,275.0	2,775.0	1,275.0	1,275.0	1,275.0	1,275.0	7,875.0	-	7,875.0	
General Fund	-	2,700.0	-	2,700.0	-	-	-	-	2,700.0	-	2,700.0	
Highway User Revenue Fund	-	3,800.0	1,700.0	5,500.0	1,700.0	1,700.0	1,700.0	1,700.0	12,300.0	-	12,300.0	
Total	-	8,000.0	2,975.0	10,975.0	2,975.0	2,975.0	2,975.0	2,975.0	22,875.0	-	22,875.0	

PARKS AND RECREATION



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Parks and Recreation

Five-Year Total: \$ 29,577,400

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, elements of the proposed 2013 Parks and Recreation Strategic Service Plan, and Mayor and Council direction. The CIP implements Mayor and Council policy by developing facilities that provide for family and youth recreation, by supporting inner-city revitalization and public art, and by using arid and semi-arid landscaping wherever possible to conserve water.

The five-year capital program of \$29.6 million is funded primarily from city and county general obligation bonds.

The impact of this five-year CIP on future operating budgets is estimated at \$1.9 million in Fiscal Year 2005, increasing to \$4.2 million by Fiscal Year 2009. See the following page for the impact by project and funding source.

Unmet Capital Needs. Not shown in this five-year CIP are unfunded projects of \$457.2 million needed to serve the city's current population and \$301.6 million in unfunded projects to serve projected growth through 2030.

In May 2004 the voters approved \$30.5 million in Pima County bonds to provide funding for some of these projects.

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 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Adaptive Recreation Center	675.0	900.0	900.0	900.0	900.0	4,275.0
Case Natural Resource Park Improvements	22.5	29.0	29.0	29.0	29.0	138.5
Catalina High School Track and Field Lighting	8.0	8.0	8.0	8.0	8.0	40.0
Christopher Columbus Park	-	-	268.0	268.0	268.0	804.0
El Cortez Heights Neighborhood Improvements	8.0	8.2	8.4	8.6	8.8	42.0
El Pueblo Center Expansion	-	226.0	226.0	226.0	226.0	904.0
Freedom Park Center	505.0	505.5	505.5	505.5	505.5	2,527.0
General Instruments Site Improvements	7.0	7.0	7.0	7.0	7.0	35.0
Golf Links Sports Center Parking Improvements	2.5	2.5	2.5	2.5	2.5	12.5
La Pilita Park	8.0	8.2	8.4	8.6	8.8	42.0
Lincoln Park/William Clements Center Expansion	-	440.2	440.2	440.2	440.2	1,760.8
Miramonte Natural Resource Park	8.0	8.0	8.0	8.0	8.0	40.0
Miscellaneous Parks Development/Renovations	52.0	52.0	52.0	52.0	52.0	260.0
New Comfort Stations	20.0	20.0	20.0	20.0	20.0	100.0
Northwest Neighborhood Center	78.0	118.0	118.0	118.0	118.0	550.0
Playground Equipment Replacement	6.0	6.0	6.0	6.0	6.0	30.0
Purple Heart Park Expansion	105.5	95.7	95.7	95.7	95.7	488.3
Quincie Douglas Center Pool Facility	-	218.0	401.5	401.5	401.5	1,422.5
Rillito Park at Columbus Boulevard District Park	-	-	200.0	200.0	200.0	600.0
Rio Vista Park	60.0	80.0	80.0	80.0	80.0	380.0
Rodeo Grounds Improvements	44.0	44.0	44.0	44.0	44.0	220.0
Santa Cruz River Sports Park	-	-	310.0	310.0	310.0	930.0
Tucson Diversion Channel Soccer Field	-	6.0	76.3	76.3	76.3	234.9
Udall Center Senior Expansion	204.0	234.0	234.0	234.0	234.0	1,140.0
Udall Park Facility Improvements	20.0	20.0	20.0	20.0	20.0	100.0
Udall Park Play Field Improvements	114.0	122.0	145.0	145.0	145.0	671.0
Total	1,947.5	3,158.3	4,213.5	4,213.9	4,214.3	17,747.5
Source of Funds Summary						
General Fund	1,947.5	3,158.3	4,213.5	4,213.9	4,214.3	17,747.5
Total	1,947.5	3,158.3	4,213.5	4,213.9	4,214.3	17,747.5

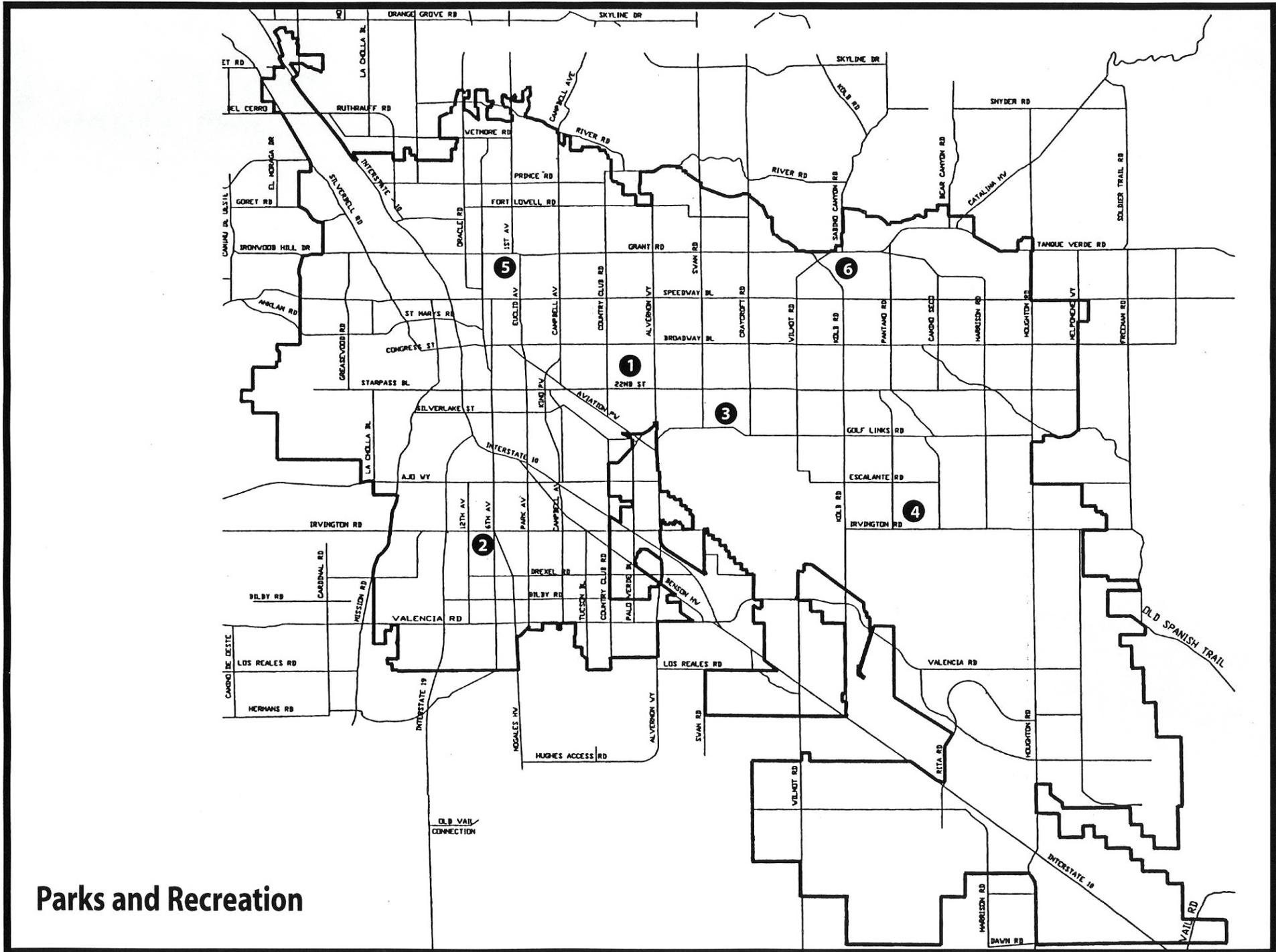
Pima County Parks Bond Program
City Parks and Recreation Projects
(\$000)

Project Name	Project Total
Christopher Columbus Park	\$ 1,950.0
Freedom Park Center Improvements	1,596.0
Lincoln Park/William Clements Center Expansion	2,438.0
Quincie Douglas Center Pool Facility	1,807.5
Rillito Park at Columbus Boulevard District Park* (Intergovernmental agreement with Pima County pending)	1,462.5
Santa Cruz River Sports Park (Intergovernmental agreement with Pima County pending)	828.5
Tucson Diverson Channel Soccer Field (Intergovernmental agreement with Pima County pending)	487.5
Udall Park Play Field Improvements (Intergovernmental agreement with Pima County pending)	268.1
Total	\$ 10,838.1

NOTES: The projects listed above are included in this five-year capital improvement program (CIP) for the Parks and Recreation Department, because they will be administered by the City of Tucson. 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 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.

* Although this project is located within the city limits, it turns out to be on land owned by Pima County. Because there is no approved intergovernmental agreement for this project, there are questions as to when



Parks and Recreation

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. Adaptive Recreation Center	FY 2005	4. Lincoln Park/William Clements Center Expansion	FY 2005
2. El Pueblo Center Expansion	FY 2005	5. Northwest Neighborhood Center	FY 2005
3. Freedom Park Center Improvements	FY 2005	6. Udall Center Senior Expansion	FY 2005

Parks and Recreation

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Parks and Recreation - Parks Development	10,141.0	11,902.4	2,181.9	14,084.3	1,824.0	-	-	-	15,908.3	-	26,049.3	
Parks and Recreation - Pima County Bond Projects	2,215.0	8,411.3	290.0	8,701.3	4,867.8	-	-	-	13,569.1	-	15,784.1	
Parks and Recreation - Zoo Improvements	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Department Total	12,356.0	20,313.7	2,571.9	22,885.6	6,691.8	-	-	-	29,577.4	-	41,933.4	
Source of Funds Summary												
1994 General Obligation Bond Funds - Interest	127.3	-	235.0	235.0	80.0	-	-	-	315.0	-	442.3	
2000 General Obligation Bond Funds	10,356.6	12,445.4	2,108.9	14,554.3	2,744.0	-	-	-	17,298.3	-	27,654.9	
2000 General Obligation Bond Funds - Interest	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Capital Agreement Fund	-	1,800.0	-	1,800.0	-	-	-	-	1,800.0	-	1,800.0	
Capital Agreement Fund: Pima County Bonds	1,823.0	5,597.3	-	5,597.3	3,867.8	-	-	-	9,465.1	-	11,288.1	
General Fund	13.7	280.0	-	280.0	-	-	-	-	280.0	-	293.7	
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5	
Miscellaneous Non-Federal Grants	-	191.0	128.0	319.0	-	-	-	-	319.0	-	319.0	
Department Total	12,356.0	20,313.7	2,571.9	22,885.6	6,691.8	-	-	-	29,577.4	-	41,933.4	

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Adaptive Recreation Center												
2000 General Obligation Bond Funds	1,516.0	3,664.0	682.9	4,346.9	-	-	-	-	4,346.9	-	5,862.9	
	1,516.0	3,664.0	682.9	4,346.9	-	-	-	-	4,346.9	-	5,862.9	
Case Natural Resource Park Improvements												
2000 General Obligation Bond Funds	100.0	100.0	-	100.0	-	-	-	-	100.0	-	200.0	
Miscellaneous Non-Federal Grants	-	-	128.0	128.0	-	-	-	-	128.0	-	128.0	
	100.0	100.0	128.0	228.0	-	-	-	-	228.0	-	328.0	
Catalina High School Track and Field Lighting												
2000 General Obligation Bond Funds	170.0	150.0	-	150.0	-	-	-	-	150.0	-	320.0	
	170.0	150.0	-	150.0	-	-	-	-	150.0	-	320.0	
Eastside Senior Center Recreation Facility												
2000 General Obligation Bond Funds	21.0	1,069.0	410.0	1,479.0	-	-	-	-	1,479.0	-	1,500.0	
	21.0	1,069.0	410.0	1,479.0	-	-	-	-	1,479.0	-	1,500.0	
El Pueblo Center Expansion												
2000 General Obligation Bond Funds	331.0	1,794.0	500.0	2,294.0	-	-	-	-	2,294.0	-	2,625.0	
	331.0	1,794.0	500.0	2,294.0	-	-	-	-	2,294.0	-	2,625.0	
General Instruments Site Improvements												
2000 General Obligation Bond Funds	-	100.0	-	100.0	100.0	-	-	-	200.0	-	200.0	
	-	100.0	-	100.0	100.0	-	-	-	200.0	-	200.0	
Golf Links Sports Center Parking Improvements												
2000 General Obligation Bond Funds	60.0	150.0	-	150.0	-	-	-	-	150.0	-	210.0	
	60.0	150.0	-	150.0	-	-	-	-	150.0	-	210.0	
Greenway and Natural Resource Area Acquisition												
2000 General Obligation Bond Funds	95.4	533.6	196.0	729.6	-	-	-	-	729.6	-	825.0	
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5	
	130.9	533.6	196.0	729.6	-	-	-	-	729.6	-	860.5	

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Himmel Park Irrigation Replacement												
2000 General Obligation Bond Funds	165.0	30.0	-	30.0	-	-	-	-	30.0	-	195.0	
	165.0	30.0	-	30.0	-	-	-	-	30.0	-	195.0	
Jacobs Park Pool Replacement												
2000 General Obligation Bond Funds	1,200.0	400.0	-	400.0	-	-	-	-	400.0	-	1,600.0	
	1,200.0	400.0	-	400.0	-	-	-	-	400.0	-	1,600.0	
Lighting System Improvements, Phase I												
1994 General Obligation Bond Funds - Interest	-	-	235.0	235.0	80.0	-	-	-	315.0	-	315.0	
	-	-	235.0	235.0	80.0	-	-	-	315.0	-	315.0	
Mansfield Park Irrigation Replacement												
2000 General Obligation Bond Funds	145.0	75.0	-	75.0	-	-	-	-	75.0	-	220.0	
	145.0	75.0	-	75.0	-	-	-	-	75.0	-	220.0	
Mansfield Park Upgrade												
2000 General Obligation Bond Funds	165.0	85.0	-	85.0	-	-	-	-	85.0	-	250.0	
	165.0	85.0	-	85.0	-	-	-	-	85.0	-	250.0	
Miramonte Natural Resource Park												
2000 General Obligation Bond Funds	20.5	86.0	7.0	93.0	-	-	-	-	93.0	-	113.5	
	20.5	86.0	7.0	93.0	-	-	-	-	93.0	-	113.5	
Miscellaneous Parks Development/Renovations												
2000 General Obligation Bond Funds	52.7	432.8	-	432.8	-	-	-	-	432.8	-	485.5	
	52.7	432.8	-	432.8	-	-	-	-	432.8	-	485.5	
New Comfort Stations												
2000 General Obligation Bond Funds	396.0	360.0	-	360.0	224.0	-	-	-	584.0	-	980.0	
	396.0	360.0	-	360.0	224.0	-	-	-	584.0	-	980.0	

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Northwest Neighborhood Center												
2000 General Obligation Bond Funds	1,369.0	687.0	-	687.0	-	-	-	-	687.0	-	2,056.0	
	1,369.0	687.0	-	687.0	-	-	-	-	687.0	-	2,056.0	
Pascua Neighborhood Center Improvements												
Capital Agreement Fund: Pima County Bonds	20.0	130.0	-	130.0	-	-	-	-	130.0	-	150.0	
	20.0	130.0	-	130.0	-	-	-	-	130.0	-	150.0	
Playground Equipment Replacement												
2000 General Obligation Bond Funds	256.9	50.1	23.0	73.1	70.0	-	-	-	143.1	-	400.0	
	256.9	50.1	23.0	73.1	70.0	-	-	-	143.1	-	400.0	
Purple Heart Park Expansion												
2000 General Obligation Bond Funds	500.0	300.0	-	300.0	-	-	-	-	300.0	-	800.0	
	500.0	300.0	-	300.0	-	-	-	-	300.0	-	800.0	
Reid Park Renovation												
2000 General Obligation Bond Funds	654.9	500.1	-	500.1	1,350.0	-	-	-	1,850.1	-	2,505.0	
	654.9	500.1	-	500.1	1,350.0	-	-	-	1,850.1	-	2,505.0	
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												
1994 General Obligation Bond Funds - Interest	27.3	-	-	-	-	-	-	-	-	-	27.3	
2000 General Obligation Bond Funds	150.0	50.0	-	50.0	-	-	-	-	50.0	-	200.0	
General Fund	7.7	-	-	-	-	-	-	-	-	-	7.7	
Miscellaneous Non-Federal Grants	-	191.0	-	191.0	-	-	-	-	191.0	-	191.0	
	185.0	241.0	-	241.0	-	-	-	-	241.0	-	426.0	

Parks and Recreation - Parks Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Rodeo Grounds Improvements												
2000 General Obligation Bond Funds	692.2	307.8	-	307.8	-	-	-	-	307.8	-	1,000.0	
	692.2	307.8	-	307.8	-	-	-	-	307.8	-	1,000.0	
Udall Center Senior Expansion												
2000 General Obligation Bond Funds	1,650.0	350.0	-	350.0	-	-	-	-	350.0	-	2,000.0	
	1,650.0	350.0	-	350.0	-	-	-	-	350.0	-	2,000.0	
Udall Park Facility Improvements												
2000 General Obligation Bond Funds	340.0	100.0	-	100.0	-	-	-	-	100.0	-	440.0	
	340.0	100.0	-	100.0	-	-	-	-	100.0	-	440.0	
Program Area Total	10,141.0	11,902.4	2,181.9	14,084.3	1,824.0	-	-	-	15,908.3	-	26,049.3	
Source of Funds Summary												
1994 General Obligation Bond Funds - Interest	27.3	-	235.0	235.0	80.0	-	-	-	315.0	-	342.3	
2000 General Obligation Bond Funds	10,050.6	11,581.4	1,818.9	13,400.3	1,744.0	-	-	-	15,144.3	-	25,194.9	
Capital Agreement Fund: Pima County Bonds	20.0	130.0	-	130.0	-	-	-	-	130.0	-	150.0	
General Fund	7.7	-	-	-	-	-	-	-	-	-	7.7	
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5	
Miscellaneous Non-Federal Grants	-	191.0	128.0	319.0	-	-	-	-	319.0	-	319.0	
Program Area Total	10,141.0	11,902.4	2,181.9	14,084.3	1,824.0	-	-	-	15,908.3	-	26,049.3	

Parks and Recreation - Parks Development

(\$000)

Adaptive Recreation Center										Project ID: R906		
Description: Design and construct a recreation center with a special focus on serving the physically-challenged. The initial development of this facility will include an aquatics center, an entry lobby with restrooms and waiting area, locker and shower facilities, indoor therapeutic pool, outdoor shaded recreational pool, landscaping, and a parking area.										Start Date: 7/00		
										End Date: 10/04		
Justification: This project is needed to provide recreational and social needs for the physically-challenged. Initiated through a grass-roots effort in the physically-challenged community, this facility will be a one-of-a-kind resource in Tucson and Southern Arizona.										Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,516.0	3,664.0	682.9	4,346.9	-	-	-	-	4,346.9	-	5,862.9	
Total	1,516.0	3,664.0	682.9	4,346.9	-	-	-	-	4,346.9	-	5,862.9	

Case Natural Resource Park Improvements										Project ID: R920		
Description: Design and construct improvements to Case Natural Resource Park, limited to the southwest section, as approved by the Mayor and Council in the 1998 Case Park Master Plan update and reaffirmed by adoption of Resolution 19410 in November 2002. No other improvements are approved or funded for this location. A grant in the amount of \$128,000 has been awarded to this project by the Arizona State Land and Water Conservation Fund.										Start Date: 7/01		
										End Date: 10/04		
Justification: This project is needed to provide limited natural resource park and recreation amenities in an area of the city with minimal park areas.										Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	100.0	100.0	-	100.0	-	-	-	-	100.0	-	200.0	
Miscellaneous Non-Federal Grants	-	-	128.0	128.0	-	-	-	-	128.0	-	128.0	
Total	100.0	100.0	128.0	228.0	-	-	-	-	228.0	-	328.0	

Parks and Recreation - Parks Development

(\$000)

Catalina High School Track and Field Lighting										Project ID: R031		
Description: Design and construct lighting systems for the Catalina High School softball field and track.										Start Date: 7/01		
										End Date: 8/04		
										Location: Ward 6		
Justification: This project is needed to provide park and recreation amenities in an area of the city with minimal park areas. A joint-use partnership with Tucson Unified School District will maximize the dollars invested.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	170.0	150.0	-	150.0	-	-	-	-	150.0	-	320.0	
Total	170.0	150.0	-	150.0	-	-	-	-	150.0	-	320.0	

Eastside Senior Center Recreation Facility										Project ID: R921		
Description: Develop a master plan, and acquire land for a new senior center recreation facility on the city's eastside.										Start Date: 7/01		
										End Date: 6/05		
										Location: Wards 2 and 4		
Justification: This project will expand senior recreational and social services in an area of high demand.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	21.0	1,069.0	410.0	1,479.0	-	-	-	-	1,479.0	-	1,500.0	
Total	21.0	1,069.0	410.0	1,479.0	-	-	-	-	1,479.0	-	1,500.0	

Parks and Recreation - Parks Development

(\$000)

El Pueblo Center Expansion Description: Design and construct expansion of the El Pueblo Center, including a 5,490 square foot senior center with an entry lobby, social lounge, resource and computer room, multi-use area with a kitchenette, staff offices, public restrooms, landscaping, and a parking area. This project will also include a comfort station for the park area located behind the recreation center. Justification: This expansion will accommodate the increased needs of the senior citizen population of the surrounding area.										Project ID: R918 Start Date: 7/00 End Date: 3/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	331.0	1,794.0	500.0	2,294.0	-	-	-	-	2,294.0	-	2,625.0	
Total	331.0	1,794.0	500.0	2,294.0	-	-	-	-	2,294.0	-	2,625.0	

General Instruments Site Improvements Description: Design and construct a passive natural resource park area adjacent to Anklam Wash on the city's westside. Justification: This project will provide natural resource park areas adjacent to neighborhoods and will allow for connectivity to other park areas.										Project ID: R032 Start Date: 7/01 End Date: 6/06 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	-	100.0	-	100.0	100.0	-	-	-	200.0	-	200.0	
Total	-	100.0	-	100.0	100.0	-	-	-	200.0	-	200.0	

Parks and Recreation - Parks Development

(\$000)

Golf Links Sports Center Parking Improvements Description: Design and construct parking area, curb, sidewalk, lighting, and roadway improvements. Justification: The use of field and other recreational activities at the Golf Links Sports Complex exceeds current parking capacity during peak periods.										Project ID: R039 Start Date: 7/03 End Date: 10/04 Location: Ward 4		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	60.0	150.0	-	150.0	-	-	-	-	150.0	-	210.0	
Total	60.0	150.0	-	150.0	-	-	-	-	150.0	-	210.0	

Greenway and Natural Resource Area Acquisition Description: Acquire land and develop natural resource areas within the city limits. As noted in the bond election materials, natural resource areas will be developed at Miramonte Park and at Kino Parkway and 36th Street. This project also includes acquisition and development at to-be-determined locations. Priorities will be developed through citizen input with Mayor and Council approval. This project is also used as a 2000 bond program master project, with drawdowns made to specific projects as they are identified. The original bond allocation for the project was \$1,025,000. Justification: This project will protect and preserve selected natural resource areas that would otherwise be lost to development.										Project ID: R940 Start Date: 7/00 End Date: 6/05 Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	95.4	533.6	196.0	729.6	-	-	-	-	729.6	-	825.0	
Highway User Revenue Fund	35.5	-	-	-	-	-	-	-	-	-	35.5	
Total	130.9	533.6	196.0	729.6	-	-	-	-	729.6	-	860.5	

Parks and Recreation - Parks Development

(\$000)

Himmel Park Irrigation Replacement									Project ID: R037			
Description: Design and construct a replacement irrigation system at Himmel Park.									Start Date: 7/02			
									End Date: 8/04			
									Location: Ward 6			
Justification: Upgrading the existing irrigation system will result in decreased water use and reduced maintenance costs.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	165.0	30.0	-	30.0	-	-	-	-	30.0	-	195.0	
Total	165.0	30.0	-	30.0	-	-	-	-	30.0	-	195.0	

Jacobs Park Pool Replacement									Project ID: R909			
Description: Design and construct a new bathhouse and recreation pool at Jacobs Park. Input for the design of the new bathhouse and pool will be provided by the neighborhood and the Young Men's Christian Association (YMCA).									Start Date: 7/01			
									End Date: 8/04			
									Location: Ward 3			
Justification: A new pool facility will provide expanded aquatic programs to the public and reduce annual maintenance costs.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,200.0	400.0	-	400.0	-	-	-	-	400.0	-	1,600.0	
Total	1,200.0	400.0	-	400.0	-	-	-	-	400.0	-	1,600.0	

Parks and Recreation - Parks Development

(\$000)

Lighting System Improvements, Phase I										Project ID: R911		
Description: Replace antiquated field lighting systems.										Start Date: 7/04		
										End Date: 6/06		
										Location: Citywide		
Justification: The replacement and upgrading of existing lighting systems will prevent system failures. Many ballfield and athletic court lighting systems were constructed in the early 1970's with donated materials and labor. The lighting systems do not meet current lighting standards, require high maintenance, and could become a safety concern.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds - Interest	-	-	235.0	235.0	80.0	-	-	-	315.0	-	315.0	
Total	-	-	235.0	235.0	80.0	-	-	-	315.0	-	315.0	

Mansfield Park Irrigation Replacement										Project ID: R028		
Description: Design and construct a replacement pump station and irrigation system.										Start Date: 7/00		
										End Date: 10/04		
										Location: Ward 3		
Justification: Replacing the existing antiquated irrigation system will result in reduced operating and maintenance costs.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	145.0	75.0	-	75.0	-	-	-	-	75.0	-	220.0	
Total	145.0	75.0	-	75.0	-	-	-	-	75.0	-	220.0	

Parks and Recreation - Parks Development

(\$000)

Mansfield Park Upgrade Description: Design and construct facility improvements to Mansfield Park to accommodate a regional center including drainage improvements, parking, and relocation of the playground area. Justification: This project, which is the result of an extensive public participation process, will provide needed recreational amenities to area residents.										Project ID: R035 Start Date: 7/00 End Date: 10/04 Location: Ward 3		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	165.0	85.0	-	85.0	-	-	-	-	85.0	-	250.0	
Total	165.0	85.0	-	85.0	-	-	-	-	85.0	-	250.0	

Miramonte Natural Resource Park Description: Design and construct a neighborhood park on Richey Boulevard and 3rd Street. Justification: This project, which is a grass-roots effort by area residents, will preserve a small parcel of land as a natural resource park and will provide minimal enhancements for passive recreation.										Project ID: R055 Start Date: 3/02 End Date: 9/04 Location: Ward 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	20.5	86.0	7.0	93.0	-	-	-	-	93.0	-	113.5	
Total	20.5	86.0	7.0	93.0	-	-	-	-	93.0	-	113.5	

Parks and Recreation - Parks Development

(\$000)

Miscellaneous Parks Development/Renovations										Project ID: R914		
Description: Based on community input and Mayor and Council priorities, construct identified upgrades, renovations, repairs, and new park features. This project is also used as a 2000 bond program master project, with drawdowns made to specific projects. The original bond allocation was \$1.4 million.										Start Date: 7/00		
										End Date: 6/05		
										Location: Citywide		
Justification: This project provides for needed renovations, repairs, and new park features.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	52.7	432.8	-	432.8	-	-	-	-	432.8	-	485.5	
Total	52.7	432.8	-	432.8	-	-	-	-	432.8	-	485.5	

New Comfort Stations										Project ID: R036		
Description: Design and construct comfort stations that meet Americans with Disabilities Act (ADA) standards at DeAnza, Estevan, Palo Verde, Menlo, and Santa Cruz River Parks.										Start Date: 7/00		
										End Date: 6/06		
										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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	396.0	360.0	-	360.0	224.0	-	-	-	584.0	-	980.0	
Total	396.0	360.0	-	360.0	224.0	-	-	-	584.0	-	980.0	

Parks and Recreation - Parks Development

(\$000)

										Project ID: R953		
										Start Date: 7/00		
Northwest Neighborhood Center Description: Design and construct an indoor gymnasium, recreational amenities, new restrooms, classrooms, storage areas, and modifications to the reception area. Justification: This project will provide recreational facilities that are needed in the northwest area of the city.										End Date: 10/04		
										Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,369.0	687.0	-	687.0	-	-	-	-	-	687.0	-	2,056.0
Total	1,369.0	687.0	-	687.0	-	-	-	-	-	687.0	-	2,056.0
Pascua Neighborhood Center Improvements Description: Design and construct improvements to the neighborhood center as part of a larger project of improvements to Richey Elementary School, slope stabilization along Calle Sur, sidewalks, and traffic mitigation. Justification: This project will improve the quality of life and provide a venue for family, school, cultural, and other neighborhood events.										Project ID: R058		
										Start Date: 11/03		
										End Date: 1/05		
										Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	20.0	130.0	-	130.0	-	-	-	-	-	130.0	-	150.0
Total	20.0	130.0	-	130.0	-	-	-	-	-	130.0	-	150.0

Parks and Recreation - Parks Development

(\$000)

Playground Equipment Replacement Description: Replace old playground equipment with new and safer playground equipment that meets Americans with Disabilities Act (ADA) standards. Parks requiring replacement of playground equipment include the Eastmoor and Santa Cruz River Parks. Justification: The new playground equipment will be safer and meet Americans with Disabilities Act (ADA) standards.										Project ID: R043 Start Date: 7/00 End Date: 6/06 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	256.9	50.1	23.0	73.1	70.0	-	-	-	143.1	-	400.0	
Total	256.9	50.1	23.0	73.1	70.0	-	-	-	143.1	-	400.0	

Purple Heart Park Expansion Description: Design and construct an expansion of the Purple Heart Park, including little league baseball fields, and a parking area. This may be a joint-use facility with the Vail School District. (This project was previously known as Rita Ranch Park Expansion.) Justification: This project is needed to expand park and recreation services in an area of high and increasing demand.										Project ID: R907 Start Date: 7/01 End Date: 1/05 Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	500.0	300.0	-	300.0	-	-	-	-	300.0	-	800.0	
Total	500.0	300.0	-	300.0	-	-	-	-	300.0	-	800.0	

Parks and Recreation - Parks Development

(\$000)

Reid Park Renovation										Project ID: R910		
Description: Design and construct improvements to Reid Park including the annex fields and various irrigation lines throughout the park. Other improvements may include replacement of sidewalks and the renovation of restrooms and ramadas to conform with Americans with Disabilities Act (ADA) standards.										Start Date: 7/01		
										End Date: 6/06		
Justification: The irrigation improvements are needed to upgrade and replace old systems, which will reduce maintenance costs. The other improvements will replace aging facilities in this signature park.										Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	654.9	500.1	-	500.1	1,350.0	-	-	-	1,850.1	-	2,505.0	
Total	654.9	500.1	-	500.1	1,350.0	-	-	-	1,850.1	-	2,505.0	

Reuse of Landfill Areas										Project ID: R941		
Description: Conduct an environmental analysis and planning study for recreation and open space uses at closed landfills.										Start Date: 7/03		
										End Date: 6/05		
Justification: This project is needed to pursue the beneficial reuse of closed landfill areas for recreation and open space purposes.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	-	207.0	-	207.0	-	-	-	-	207.0	-	207.0	
Total	-	207.0	-	207.0	-	-	-	-	207.0	-	207.0	

Parks and Recreation - Parks Development

(\$000)

Rio Vista Park Description: Design and construct a passive natural resource park with site restoration and revegetation, trails, an entry road, a parking area, and a children's playground area with an adjacent small turf area. A State Heritage Fund grant in the amount of \$191,000 has been awarded to this project. (This project was previously known as North Central Natural Resource Park.) Justification: This project, the result of an extensive public participation process, will provide recreational amenities in an area with a shortage of parks.										Project ID: R021 Start Date: 5/99 End Date: 10/04 Location: Ward 3	
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds - Interest	27.3	-	-	-	-	-	-	-	-	-	-	27.3
2000 General Obligation Bond Funds	150.0	50.0	-	50.0	-	-	-	-	-	50.0	-	200.0
General Fund	7.7	-	-	-	-	-	-	-	-	-	-	7.7
Miscellaneous Non-Federal Grants	-	191.0	-	191.0	-	-	-	-	-	191.0	-	191.0
Total	185.0	241.0	-	241.0	-	-	-	-	-	241.0	-	426.0

Rodeo Grounds Improvements Description: Construct improvements to the Rodeo Grounds in accordance with the Rodeo Grounds Advisory Committee recommendations that were authorized by Mayor and Council. This project will be coordinated with the users of the Rodeo Grounds. Justification: Improvements are needed at this aging facility to provide a better venue for events and to ensure safety and accessibility for all users.										Project ID: R917 Start Date: 7/01 End Date: 6/05 Location: Ward 5	
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	692.2	307.8	-	307.8	-	-	-	-	-	307.8	-	1,000.0
Total	692.2	307.8	-	307.8	-	-	-	-	-	307.8	-	1,000.0

Parks and Recreation - Parks Development

(\$000)

Udall Center Senior Expansion Description: Design and construct expansion of Udall Park and Center improvements, including additional recreational space in the senior area and additional outdoor park amenities. (This project was previously known as Udall Park and Center Expansion.) Justification: This project will expand recreational services to seniors and park users in an area of high demand.										Project ID: R905 Start Date: 7/00 End Date: 9/04 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,650.0	350.0	-	350.0	-	-	-	-	-	350.0	-	2,000.0
Total	1,650.0	350.0	-	350.0	-	-	-	-	-	350.0	-	2,000.0

Udall Park Facility Improvements Description: Design and construct additional park amenities, including new lighted tennis courts, a dog run, prefabricated restrooms, a parking area, park lighting, landscaping, irrigation upgrades, and drainage improvements. Justification: These improvements will provide capacity for the future development of sports fields and improved park access.										Project ID: R040 Start Date: 7/00 End Date: 9/04 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	340.0	100.0	-	100.0	-	-	-	-	-	100.0	-	440.0
Total	340.0	100.0	-	100.0	-	-	-	-	-	100.0	-	440.0

Parks and Recreation - Pima County Bond Projects

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Christopher Columbus Park												
Capital Agreement Fund: Pima County Bonds	140.5	299.9	-	299.9	1,509.6	-	-	-	1,809.5	-	1,950.0	
	140.5	299.9	-	299.9	1,509.6	-	-	-	1,809.5	-	1,950.0	
El Cortez Heights Neighborhood Improvements												
Capital Agreement Fund: Pima County Bonds	70.0	80.0	-	80.0	-	-	-	-	80.0	-	150.0	
	70.0	80.0	-	80.0	-	-	-	-	80.0	-	150.0	
Freedom Park Center												
1994 General Obligation Bond Funds - Interest	100.0	-	-	-	-	-	-	-	-	-	100.0	
Capital Agreement Fund: Pima County Bonds	1,365.0	231.0	-	231.0	-	-	-	-	231.0	-	1,596.0	
General Fund	6.0	280.0	-	280.0	-	-	-	-	280.0	-	286.0	
	1,471.0	511.0	-	511.0	-	-	-	-	511.0	-	1,982.0	
La Pilita Park												
Capital Agreement Fund: Pima County Bonds	87.0	63.0	-	63.0	-	-	-	-	63.0	-	150.0	
	87.0	63.0	-	63.0	-	-	-	-	63.0	-	150.0	
Lincoln Park/William Clements Center Expansion												
2000 General Obligation Bond Funds	306.0	864.0	290.0	1,154.0	-	-	-	-	1,154.0	-	1,460.0	
Capital Agreement Fund	-	800.0	-	800.0	-	-	-	-	800.0	-	800.0	
Capital Agreement Fund: Pima County Bonds	43.7	2,394.3	-	2,394.3	-	-	-	-	2,394.3	-	2,438.0	
	349.7	4,058.3	290.0	4,348.3	-	-	-	-	4,348.3	-	4,698.0	
Quincie Douglas Center Pool Facility												
Capital Agreement Fund	-	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,000.0	
Capital Agreement Fund: Pima County Bonds	93.5	1,510.0	-	1,510.0	204.0	-	-	-	1,714.0	-	1,807.5	
	93.5	2,510.0	-	2,510.0	204.0	-	-	-	2,714.0	-	2,807.5	
Rillito Park at Columbus Boulevard District Park												
Capital Agreement Fund: Pima County Bonds	-	322.5	-	322.5	1,140.0	-	-	-	1,462.5	-	1,462.5	
	-	322.5	-	322.5	1,140.0	-	-	-	1,462.5	-	1,462.5	

Parks and Recreation - Pima County Bond Projects

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Santa Cruz River Sports Park												
2000 General Obligation Bond Funds	-	-	-	-	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Capital Agreement Fund: Pima County Bonds	1.6	200.0	-	200.0	626.9	-	-	-	-	826.9	-	828.5
	1.6	200.0	-	200.0	1,626.9	-	-	-	-	1,826.9	-	1,828.5
Tucson Diversion Channel Soccer Field												
Capital Agreement Fund: Pima County Bonds	0.2	100.0	-	100.0	387.3	-	-	-	-	487.3	-	487.5
	0.2	100.0	-	100.0	387.3	-	-	-	-	487.3	-	487.5
Udall Park Play Field Improvements												
Capital Agreement Fund: Pima County Bonds	1.5	266.6	-	266.6	-	-	-	-	-	266.6	-	268.1
	1.5	266.6	-	266.6	-	-	-	-	-	266.6	-	268.1
Program Area Total	2,215.0	8,411.3	290.0	8,701.3	4,867.8	-	-	-	-	13,569.1	-	15,784.1

Source of Funds Summary												
1994 General Obligation Bond Funds - Interest	100.0	-	-	-	-	-	-	-	-	-	-	100.0
2000 General Obligation Bond Funds	306.0	864.0	290.0	1,154.0	1,000.0	-	-	-	-	2,154.0	-	2,460.0
Capital Agreement Fund	-	1,800.0	-	1,800.0	-	-	-	-	-	1,800.0	-	1,800.0
Capital Agreement Fund: Pima County Bonds	1,803.0	5,467.3	-	5,467.3	3,867.8	-	-	-	-	9,335.1	-	11,138.1
General Fund	6.0	280.0	-	280.0	-	-	-	-	-	280.0	-	286.0
Program Area Total	2,215.0	8,411.3	290.0	8,701.3	4,867.8	-	-	-	-	13,569.1	-	15,784.1

Parks and Recreation - Pima County Bond Projects

(\$000)

Christopher Columbus Park Description: Design and construct new park amenities within the existing 300-acre Christopher Columbus Park located at 4600 North Silverbell Road. The conceptual master plan balances natural resource conservation and active recreation use. Justification: These new amenities will provide much needed park facilities to the community.										Project ID: R025 Start Date: 7/01 End Date: 6/06 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	140.5	299.9	-	299.9	1,509.6	-	-	-	1,809.5	-	1,950.0	
Total	140.5	299.9	-	299.9	1,509.6	-	-	-	1,809.5	-	1,950.0	

El Cortez Heights Neighborhood Improvements Description: Design and construct miscellaneous improvements as recommended by the El Cortez Neighborhood Association including a playground, pedestrian pathway, landscaping, and traffic mitigation. Irrigation improvements will also be made at Mansfield Park. Justification: The El Cortez Neighborhood Association received an award from Pima County Neighborhood Reinvestment Funds. The project will be administered and the improvements maintained by the City of Tucson per an intergovernmental agreement.										Project ID: R053 Start Date: 11/02 End Date: 10/04 Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	70.0	80.0	-	80.0	-	-	-	-	80.0	-	150.0	
Total	70.0	80.0	-	80.0	-	-	-	-	80.0	-	150.0	

Parks and Recreation - Pima County Bond Projects

(\$000)

Freedom Park Center Description: Construct Freedom Park Center, a 11,650 square foot facility that will include space for educational, social service, and recreational functions, a multi-use room, and office space. This facility will be constructed to meet the Civano Code energy efficiency standards. Community Development Block Grant funding (\$475,000) for the design of the facility was included in the Community Services Department's operating budget. Additional funds (\$260,000) were transferred from the Back to Basics program. Justification: This project will provide social services and a recreation center for the citizens in the surrounding area.										Project ID: R901 Start Date: 7/00 End Date: 7/04 Location: Ward 5		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds - Interest	100.0	-	-	-	-	-	-	-	-	-	-	100.0
Capital Agreement Fund: Pima County Bonds	1,365.0	231.0	-	231.0	-	-	-	-	-	-	-	1,596.0
General Fund	6.0	280.0	-	280.0	-	-	-	-	-	-	-	286.0
Total	1,471.0	511.0	-	511.0	-	-	-	-	-	-	-	1,982.0

La Pilita Park Description: Construct miscellaneous improvements including a covered patio, retaining walls, planters, pavers and walkways, concrete seating areas, street lamps, and landscaping. The existing fountain will also be renovated. Justification: The La Pilita Neighborhood Association and the Carrillo Elementary School received a grant from Pima County Neighborhood Reinvestments funds. The project will be administered and the improvements maintained by the City of Tucson per an intergovernmental agreement.										Project ID: R057 Start Date: 5/03 End Date: 8/04 Location: Ward 6		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	87.0	63.0	-	63.0	-	-	-	-	-	-	-	150.0
Total	87.0	63.0	-	63.0	-	-	-	-	-	-	-	150.0

Parks and Recreation - Pima County Bond Projects

(\$000)

										Project ID: R030		
										Start Date: 7/00		
Lincoln Park/William Clements Center Expansion 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. Features identified through a public participation process, a bike jump area, and partial replacement of a maintenance facility are also included. Pima Community College will contribute \$800,000 to this project. Justification: This project will provide much needed recreational facilities to the southeast Tucson community and the students of Pima Community College.										End Date: 4/05		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	306.0	864.0	290.0	1,154.0	-	-	-	-	1,154.0	-	1,460.0	
Capital Agreement Fund	-	800.0	-	800.0	-	-	-	-	800.0	-	800.0	
Capital Agreement Fund: Pima County Bonds	43.7	2,394.3	-	2,394.3	-	-	-	-	2,394.3	-	2,438.0	
Total	349.7	4,058.3	290.0	4,348.3	-	-	-	-	4,348.3	-	4,698.0	
Quincie Douglas Center Pool Facility Description: Design and construct a recreational pool facility at Quincie Douglas Center. An intergovernmental agreement between the Tucson Unified School District, Pima County, and the city is in negotiation for an additional \$1 million. Justification: The surrounding neighborhood associations have participated in the design process and support the use of Pima County bond funds for a pool facility, which will complement other planned and existing amenities at Kino Boulevard and 36th Street.										Project ID: R022		
										End Date: 7/06		
										Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	-	1,000.0	-	1,000.0	-	-	-	-	1,000.0	-	1,000.0	
Capital Agreement Fund: Pima County Bonds	93.5	1,510.0	-	1,510.0	204.0	-	-	-	1,714.0	-	1,807.5	
Total	93.5	2,510.0	-	2,510.0	204.0	-	-	-	2,714.0	-	2,807.5	

Parks and Recreation - Pima County Bond Projects

(\$000)

Rillito Park at Columbus Boulevard District Park Description: Design and construct a district park with ball fields, walking and jogging paths, an off-leash dog area, playground, and picnic areas. Although this project is within the city limits, the site is land owned by Pima County. Because no intergovernmental agreement has been approved, there are pending questions about which entity will develop the park and the schedule of the project. Justification: This project will expand park services in an area of high demand.										Project ID: R023 Start Date: 1/03 End Date: 6/06 Location: Ward 2		
--	--	--	--	--	--	--	--	--	--	--	--	--

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	-	322.5	-	322.5	1,140.0	-	-	-	1,462.5	-	1,462.5	
Total	-	322.5	-	322.5	1,140.0	-	-	-	1,462.5	-	1,462.5	

Santa Cruz River Sports Park Description: Design and construct a baseball and soccer sports complex along the east bank of the Santa Cruz River, north of Ajo Way. An intergovernmental agreement with Pima County has not yet been approved. Justification: Currently there is a shortage of playing fields in Tucson. This project will provide much needed fields, as well as enhance the recreational aspect of the Santa Cruz River corridor.										Project ID: R939 Start Date: 7/00 End Date: 6/06 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0	
Capital Agreement Fund: Pima County Bonds	1.6	200.0	-	200.0	626.9	-	-	-	826.9	-	828.5	
Total	1.6	200.0	-	200.0	1,626.9	-	-	-	1,826.9	-	1,828.5	

Parks and Recreation - Pima County Bond Projects

(\$000)

										Project ID: R026		
										Start Date: 7/00		
										End Date: 6/06		
										Location: Wards 1 and 5		
Tucson Diversion Channel Soccer Field Description: Design and construct a soccer field facility in the south-central area of Tucson, including comfort stations, picnic areas, and a parking area. An intergovernmental agreement with Pima County has not yet been approved. Justification: This project will provide additional playfields to the community.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	0.2	100.0	-	100.0	387.3	-	-	-	487.3	-	487.5	
Total	0.2	100.0	-	100.0	387.3	-	-	-	487.3	-	487.5	
										Project ID: R024		
										Start Date: 7/00		
										End Date: 9/04		
										Location: Ward 2		
Udall Park Play Field Improvements Description: Design and construct a soccer field, comfort stations, and a parking area. Justification: This project will expand park and recreation services in an area of high demand.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	1.5	266.6	-	266.6	-	-	-	-	266.6	-	268.1	
Total	1.5	266.6	-	266.6	-	-	-	-	266.6	-	268.1	

Parks and Recreation - Zoo Improvements

Five-Year Capital Improvement Program

(\$000)

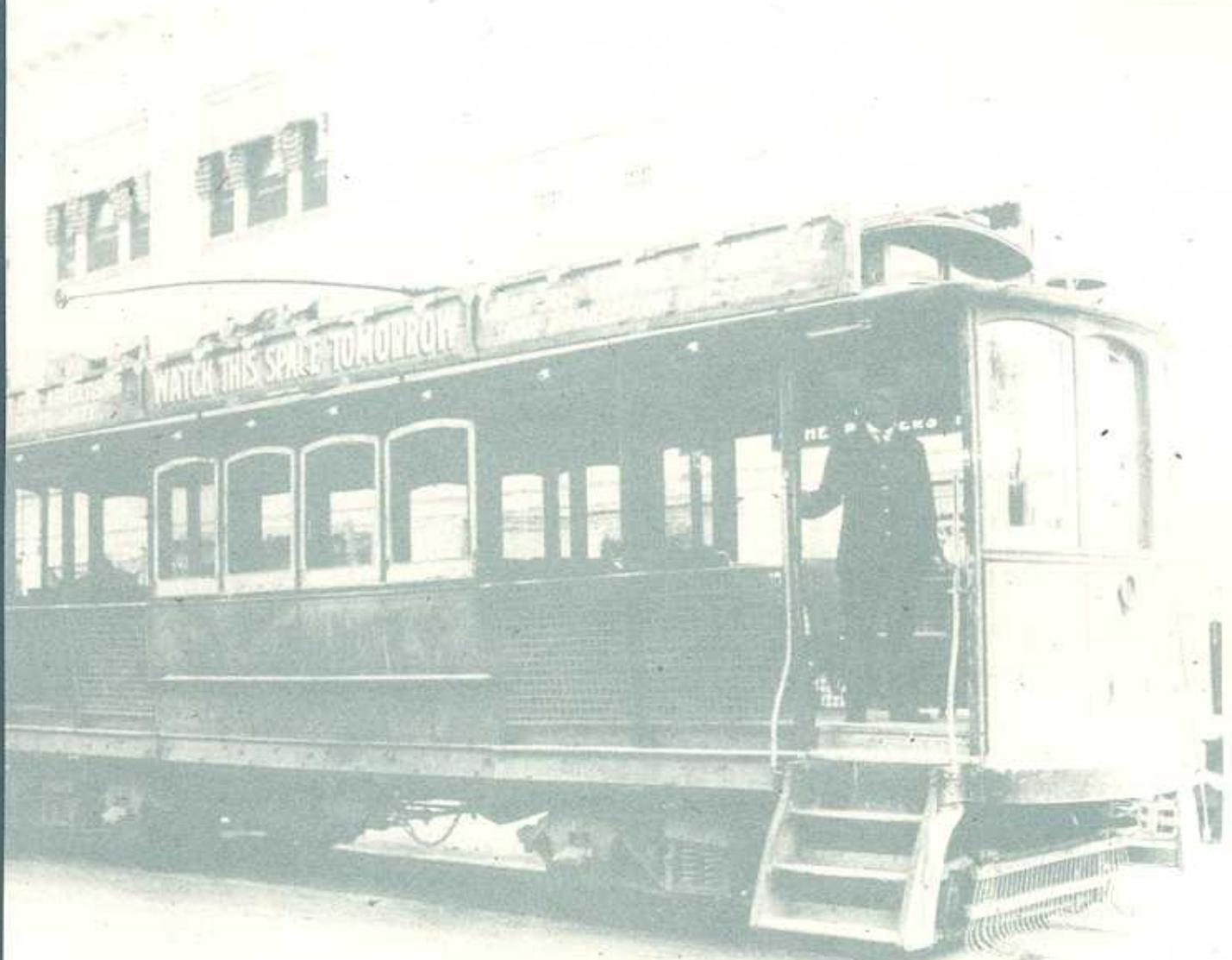
Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Zoo Exhibit Improvements												
2000 General Obligation Bond Funds - Interest	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Program Area Total	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Source of Funds Summary												
2000 General Obligation Bond Funds - Interest	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Program Area Total	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	

Parks and Recreation - Zoo Improvements

(\$000)

Zoo Exhibit Improvements Description: Design and construct improvements to the rhinoceros and otter exhibits. Justification: This project will provide for exhibit renovations and safety features.										Project ID: R963 Start Date: 7/04 End Date: 6/05 Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds - Interest	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Total	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	

TUCSON CITY GOLF



**Capital Improvement Program
Department Statement**

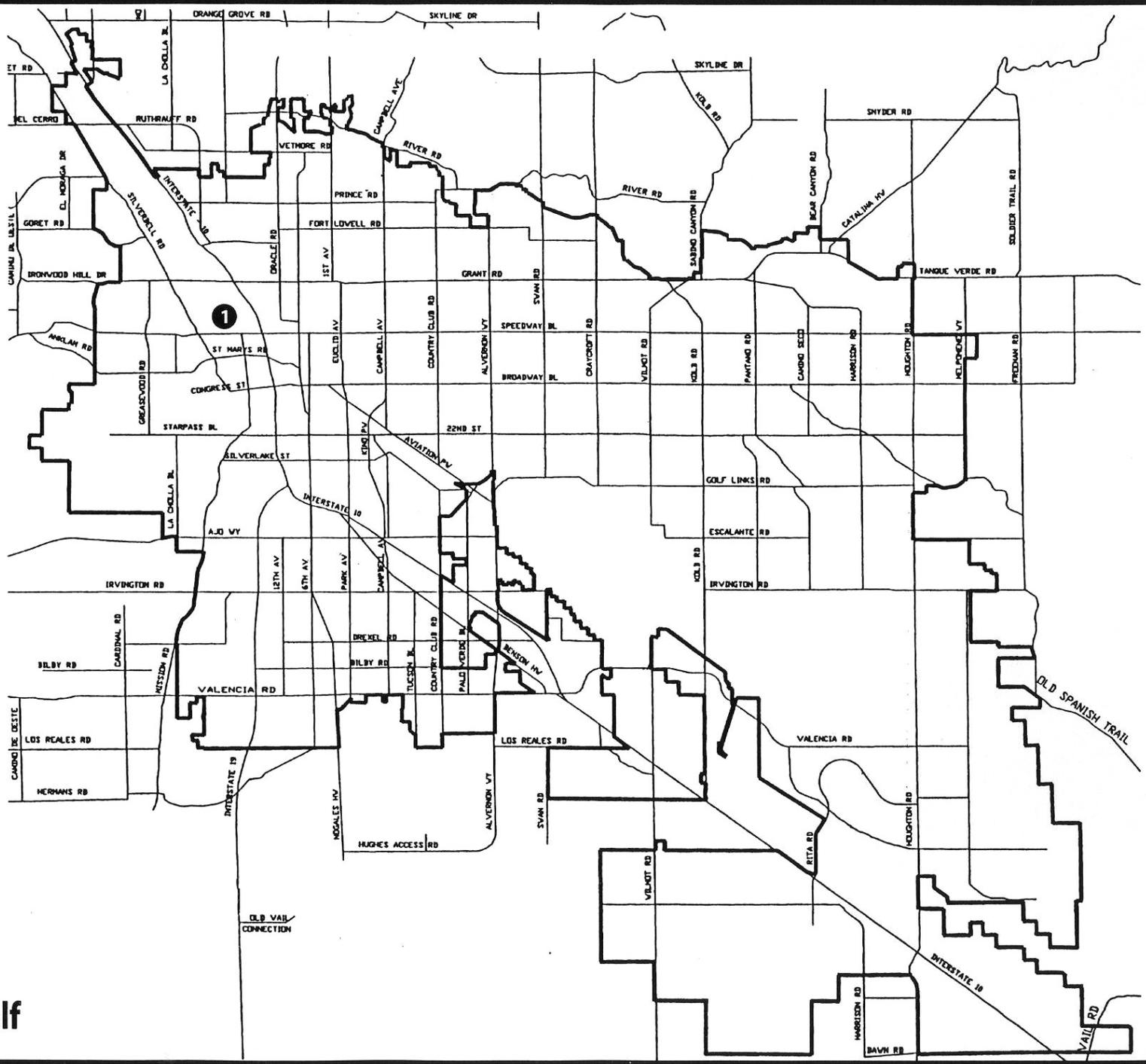
FY 2005 through FY 2009

Department: Tucson City Golf

Five-Year Total: \$ 3,363,000

Tucson City Golf uses golf fee revenues to maintain its facilities and to preserve recreational opportunities. All improvements are planned, designed, and constructed in a manner that responds to the needs and the demands of the golfing public.

The five-year capital program of \$3.4 million provides for Trini Alvarez-El Rio First Tee Renovations and miscellaneous other golf course improvements. The Trini Alvarez-El Rio First Tee Renovations project is jointly funded with the Tucson Conquistadores.



Tucson City Golf

Map Legend

Tucson City Golf

Project Name

Year to be
Completed

1. Trini Alvarez-El Rio First Tee Renovations

FY 2005

Tucson City Golf

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Miscellaneous Golf Course Improvements												
Golf Course Fund	-	510.0	-	510.0	-	-	-	-	510.0	-	510.0	
	-	510.0	-	510.0	-	-	-	-	510.0	-	510.0	
Trini Alvarez-El Rio First Tee Renovations												
Golf Course Fund	-	1,253.0	-	1,253.0	-	-	-	-	1,253.0	-	1,253.0	
Golf Course Fund: Contributions	-	-	1,600.0	1,600.0	-	-	-	-	1,600.0	-	1,600.0	
	-	1,253.0	1,600.0	2,853.0	-	-	-	-	2,853.0	-	2,853.0	
Department Total	-	1,763.0	1,600.0	3,363.0	-	-	-	-	3,363.0	-	3,363.0	
Source of Funds Summary												
Golf Course Fund	-	1,763.0	-	1,763.0	-	-	-	-	1,763.0	-	1,763.0	
Golf Course Fund: Contributions	-	-	1,600.0	1,600.0	-	-	-	-	1,600.0	-	1,600.0	
Department Total	-	1,763.0	1,600.0	3,363.0	-	-	-	-	3,363.0	-	3,363.0	

Tucson City Golf

(\$000)

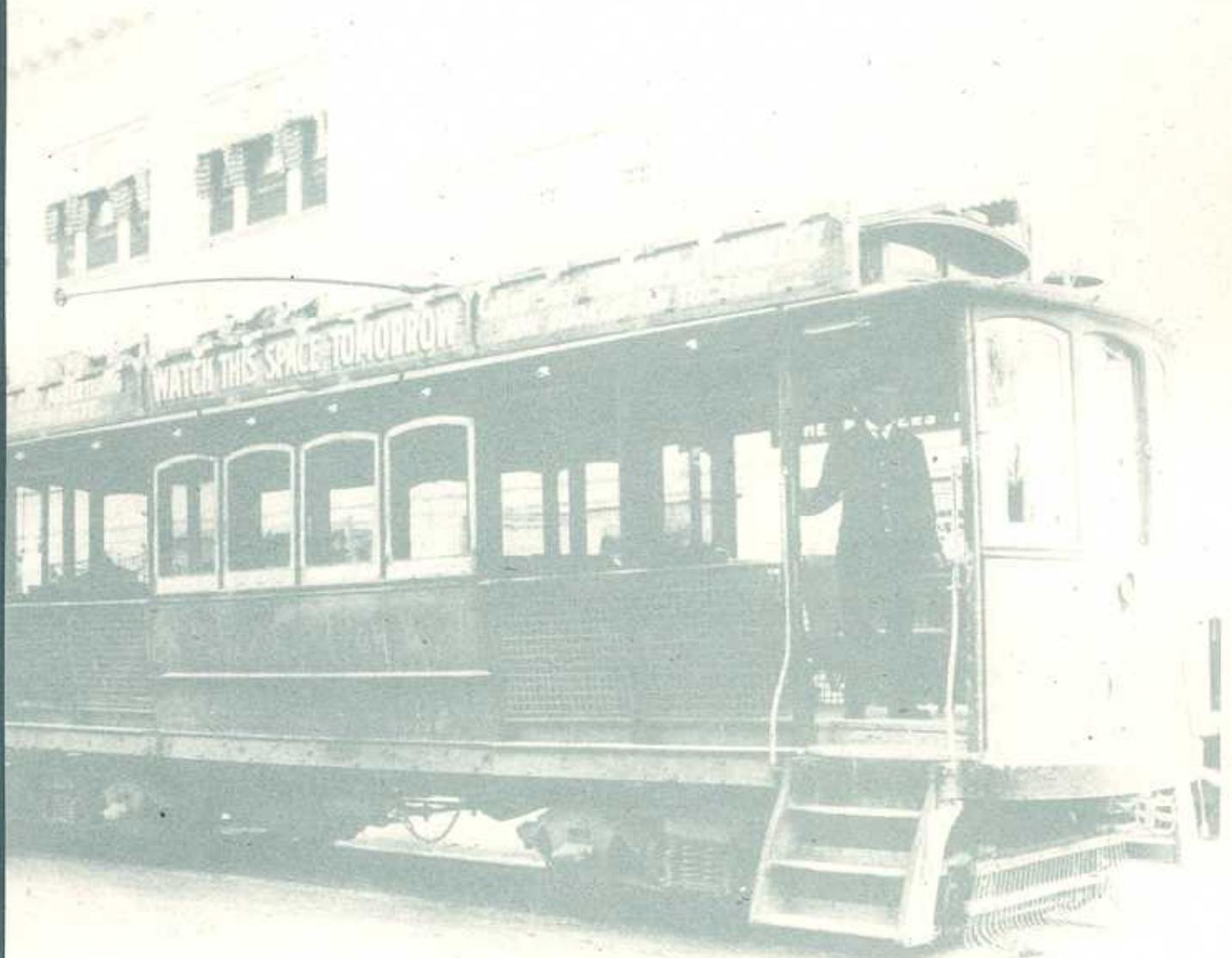
<p>Miscellaneous Golf Course Improvements</p> <p>Description: Design and construct improvements to the Trini Alvarez-El Rio Golf Course Clubhouse and miscellaneous improvements at other city golf courses. Proceeds from the sale of surplus property at the Silverbell Golf Course will fund this project.</p> <p>Justification: Improvements are needed at the Trini Alvarez-El Rio Golf Course Clubhouse to facilitate the First Tee program's golf education classes. Any funds remaining from those improvements will be used as needed at other golf courses.</p>	<p>Project ID: G917</p> <p>Start Date: 7/04</p> <p>End Date: 6/05</p> <p>Location: Citywide</p>
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Golf Course Fund	-	510.0	-	510.0	-	-	-	-	-	510.0	-	510.0
Total	-	510.0	-	510.0	-	-	-	-	-	510.0	-	510.0

<p>Trini Alvarez-El Rio First Tee Renovations</p> <p>Description: Renovate the Trini Alvarez-El Rio Golf Course to develop a youth golf training facility. The renovations will be funded through agreements with the Tucson Conquistadores and the First Tee Corporation. Proceeds from the sale of surplus property at the Silverbell Golf Course will fund the city's portion of this project of \$1.2 million. The Tucson Conquistadores will be contributing \$1.6 million. Contributions by the First Tee Corporation will be in-kind construction discounts.</p> <p>Justification: The Trini Alvarez-El Rio Golf Course hasn't had major improvements since its original construction over 75 years ago. This joint project provides an opportunity to provide an enhanced youth golf program that will attract up to 1,500 students annually.</p>	<p>Project ID: G915</p> <p>Start Date: 7/03</p> <p>End Date: 11/04</p> <p>Location: Ward 1</p>
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Golf Course Fund	-	1,253.0	-	1,253.0	-	-	-	-	-	1,253.0	-	1,253.0
Golf Course Fund: Contributions	-	-	1,600.0	1,600.0	-	-	-	-	-	1,600.0	-	1,600.0
Total	-	1,253.0	1,600.0	2,853.0	-	-	-	-	-	2,853.0	-	2,853.0

POLICE



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Police

Five-Year Total: \$ 10,600,300

The Police Department's five-year Capital Improvement Program will enhance the department's commitment to community-based policing, provide much needed space for staff and functions such as storage of evidence, and upgrade support facilities.

The five-year program of \$10.6 million is funded from certificates of participation and general obligation bonds. Projects include improvements to support facilities and a new substation to replace the Rillito Substation.

This five-year CIP has a projected impact on the operating budget of \$88,000 in Fiscal Year 2007. See the following page for the operating budget impact by project and funding source.

Unmet Capital Needs. This five-year CIP does not include unfunded projects of \$45 million that are needed to serve the city's existing population and \$13.4 million for future growth-related needs through 2030. See Section C for a listing of those projects.

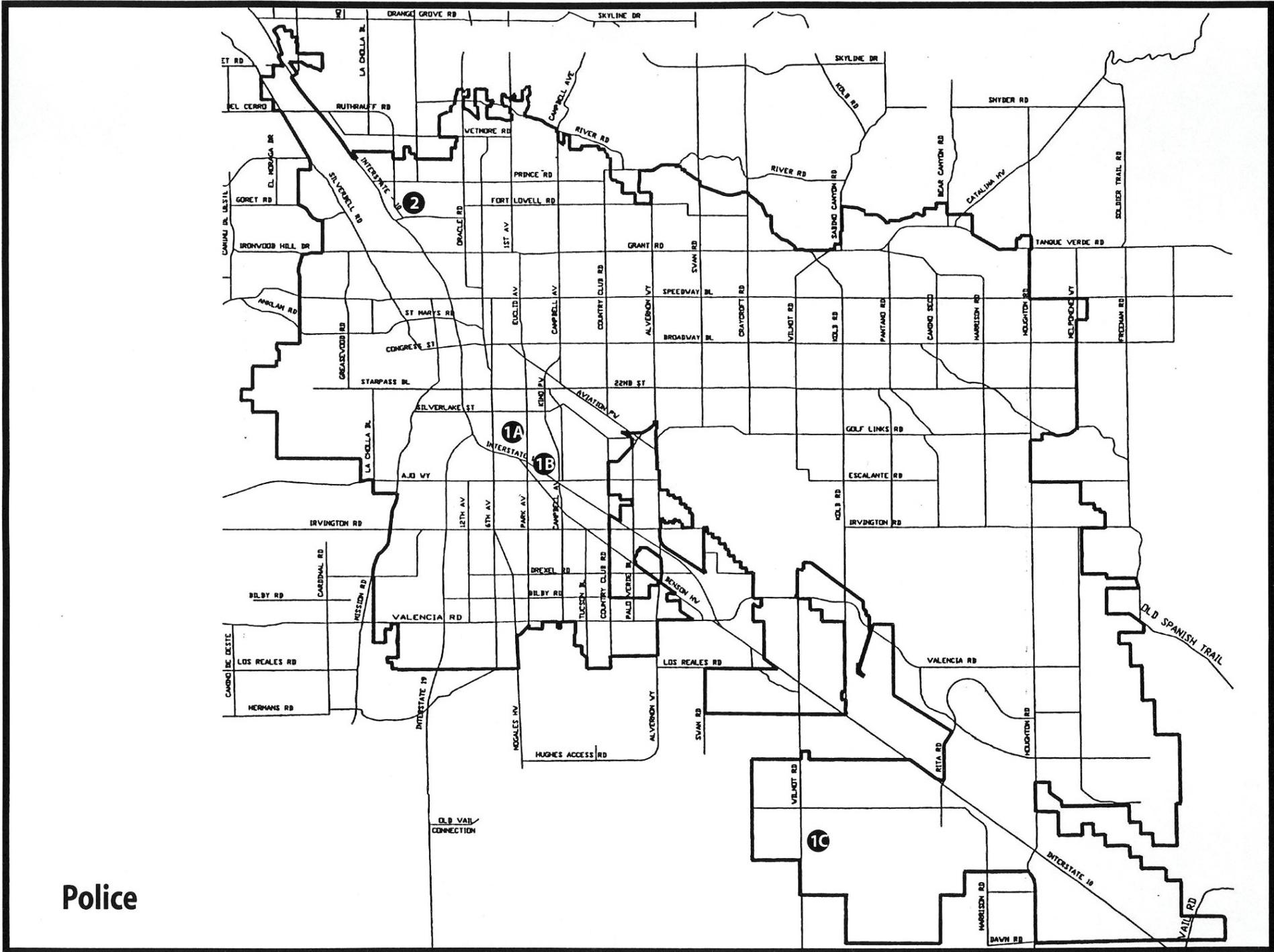
Police: CIP Impact on the Operating Budget

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 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Police Substation	-	-	88.0	88.0	88.0	264.0
Total	-	-	88.0	88.0	88.0	264.0

Source of Funds Summary						
General Fund	-	-	88.0	88.0	88.0	264.0
Total	-	-	88.0	88.0	88.0	264.0



Police

Map Legend

Police

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1A. Land Acquisition and Facilities - Santa Cruz Substation	FY 2005	1C. Land Acquisition and Facilities - Public Safety Training Academy	FY 2005
1B. Land Acquisition and Facilities - Impound Lot	FY 2005	2. Police Substation	FY 2006

Police

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Land Acquisition and Facilities Improvement												
2000 General Obligation Bond Funds	2,608.7	191.3	-	191.3	-	-	-	-	191.3	-	2,800.0	
	<u>2,608.7</u>	<u>191.3</u>	<u>-</u>	<u>191.3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>191.3</u>	<u>-</u>	<u>2,800.0</u>	
Police Substation												
2000 General Obligation Bond Funds	3.1	-	6,496.9	6,496.9	-	-	-	-	6,496.9	-	6,500.0	
General Fund: Certificates of Participation	7,152.9	232.5	235.6	468.1	3,444.0	-	-	-	3,912.1	-	11,065.0	
	<u>7,156.0</u>	<u>232.5</u>	<u>6,732.5</u>	<u>6,965.0</u>	<u>3,444.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>10,409.0</u>	<u>-</u>	<u>17,565.0</u>	
Department Total	9,764.7	423.8	6,732.5	7,156.3	3,444.0	-	-	-	10,600.3	-	20,365.0	
Source of Funds Summary												
2000 General Obligation Bond Funds	2,611.8	191.3	6,496.9	6,688.2	-	-	-	-	6,688.2	-	9,300.0	
General Fund: Certificates of Participation	7,152.9	232.5	235.6	468.1	3,444.0	-	-	-	3,912.1	-	11,065.0	
Department Total	9,764.7	423.8	6,732.5	7,156.3	3,444.0	-	-	-	10,600.3	-	20,365.0	

Police

(\$000)

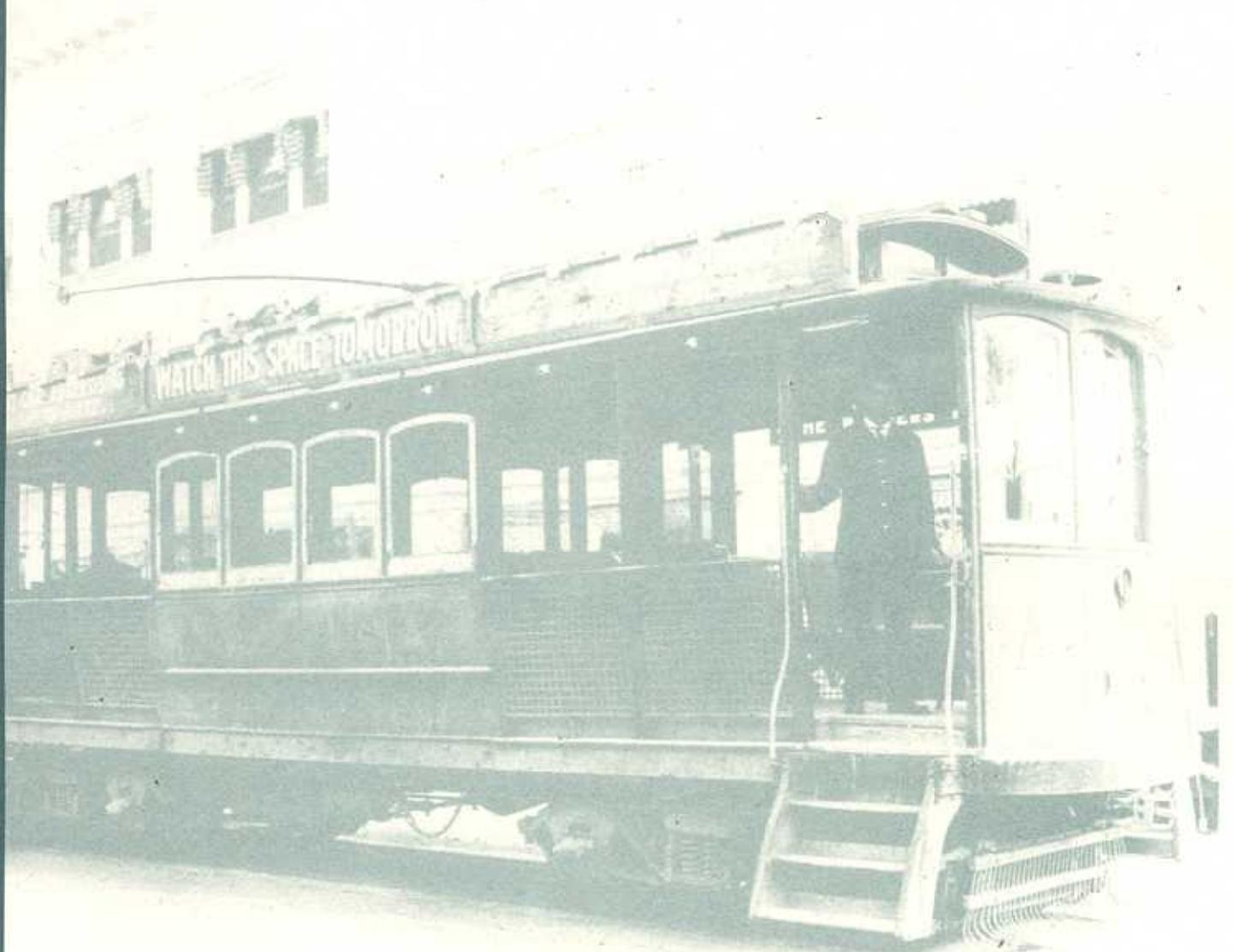
<p>Land Acquisition and Facilities Improvement</p> <p>Description: Acquire land for the Public Safety Training Academy and renovate other facilities to improve service to the public, enhance security, and ensure the proper storage of equipment and vehicles. Renovated facilities include the Santa Cruz Substation, the impound lot, and the parking lot at the Rillito Substation.</p> <p>Justification: A buffer is needed between the training academy and new homes. Impound lot improvements are needed to ensure adequate storage and protection of items such as vehicles. Better separation of juvenile and adult detainees is needed at the Santa Cruz Substation.</p>	<p>Project ID: P004 Start Date: 6/01 End Date: 6/05 Location: Citywide</p>
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	2,608.7	191.3	-	191.3	-	-	-	-	191.3	-	2,800.0	
Total	2,608.7	191.3	-	191.3	-	-	-	-	191.3	-	2,800.0	

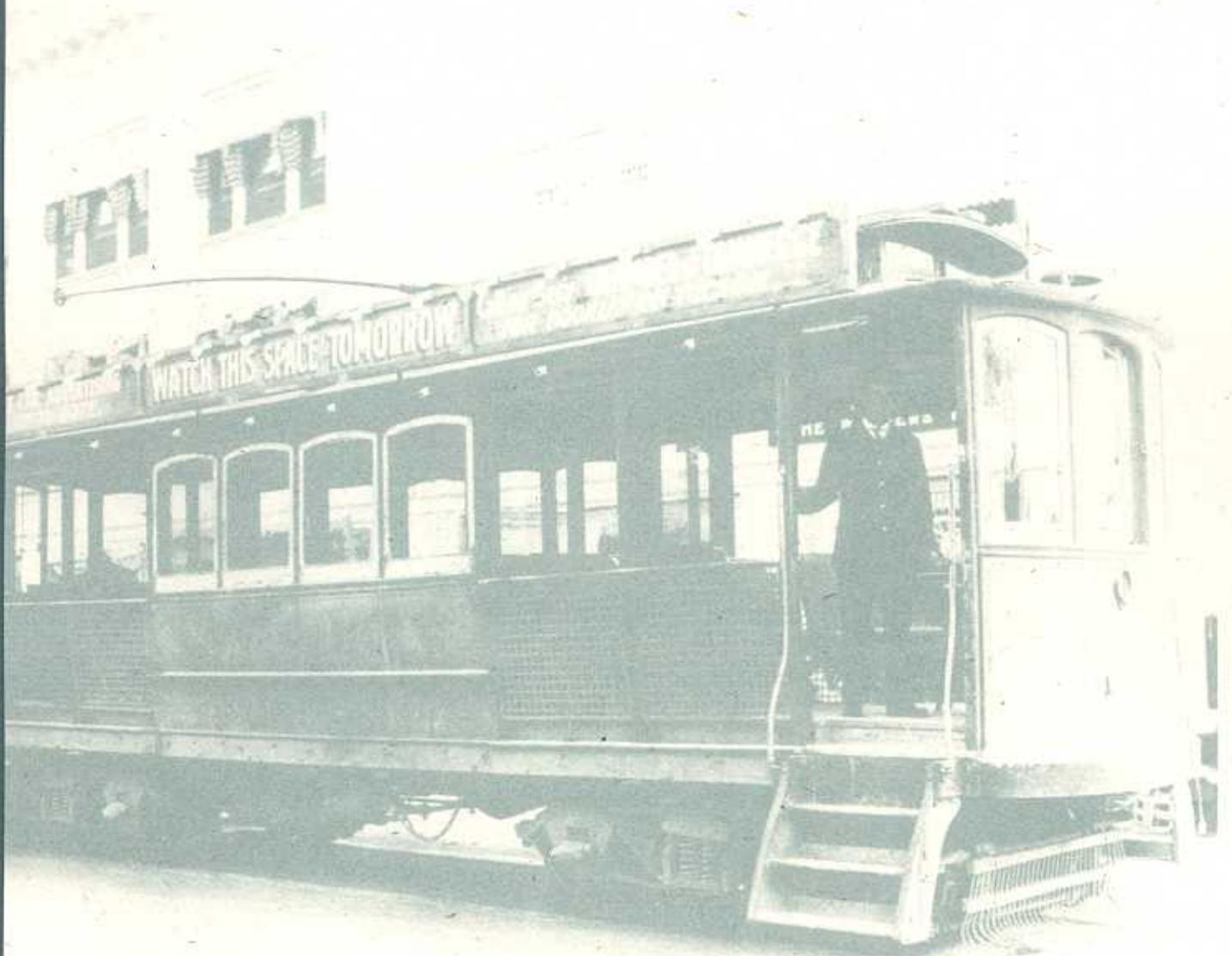
<p>Police Substation</p> <p>Description: Acquire property, design, and construct a new substation to replace the existing Rillito Substation. This project was previously fully funded from the 2000 bond authorization. However, the original project estimate of \$6.5 million assumed location on city-owned 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.</p> <p>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.</p>	<p>Project ID: P006 Start Date: 7/01 End Date: 6/06 Location: Ward 3</p>
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	3.1	-	6,496.9	6,496.9	-	-	-	-	6,496.9	-	6,500.0	
General Fund: Certificates of Participation	7,152.9	232.5	235.6	468.1	3,444.0	-	-	-	3,912.1	-	11,065.0	
Total	7,156.0	232.5	6,732.5	6,965.0	3,444.0	-	-	-	10,409.0	-	17,565.0	

ENVIRONMENT AND DEVELOPMENT



ENVIRONMENTAL SERVICES



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Environmental Services

Five-Year Total: \$ 28,601,300

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

The five-year program of \$28.6 million is funded with \$14.4 million in general obligation bonds, \$12.7 million from the debt financing, and \$1.5 million in capital agreement funds from the State of Arizona, Pima County, and the University of Arizona.

Soil and Groundwater Remediation. Projects in this category total \$14 million funded, with another \$2.0 million of needed projects unfunded. Projects include assessment and remediation of soil and groundwater contamination at city-owned and/or operated landfill sites and city-owned facilities such as the Thomas O. Price Service Center. The city has groundwater remediation systems in operation at Broadway-Pantano Area, Los Reales Landfill and Harrison Landfill. The city has constructed innovative solutions for removal of soil vapors that threaten groundwater at the Broadway North Landfill, Silverbell Landfill, southwest portion of the Los Reales Landfill, and the Price Service Center that save millions of dollars by preventing future or additional groundwater contamination. Groundwater investigations are underway at Silverbell, Prudence, and Tumamoc Landfills.

Los Reales Landfill. A total of \$3.8 million is funded for projects included in the Los Reales Master Plan. However, the remaining projects needed to fully implement the plan total \$30.7 million and are unfunded at this time. The master plan calls for lined cells, recycling facilities, and drainage improvements to extend the life of the landfill through at least 2060. Maintaining the Los Reales landfill for the community represents millions of dollars in cost savings through lower transportation costs and cost avoidance of a new landfill.

Landfill Closure and Post-Closure. Projects in this category total \$10.8 million funded. Another \$1.6 million remains unfunded. Closure includes final protective soil cap, revegetation, stormwater controls and landfill gas controls. The Vincent Mullins, Irvington and Tumamoc Landfills require closure and post closure care to protect the community and meet federal and State regulations. Environmental Services is working with the Parks and Recreation Department to seek beneficial end uses for closed landfills.

This five-year CIP has a projected impact on the operating budget of \$0.9 million in Fiscal Year 2005, increasing to \$1.3 million by Fiscal Year 2009. See the following page for the operating budget impact by project and funding source.

Unmet Capital Needs. Over the next five years, Environmental Services has projects totaling \$45.8 million that do not have funding at this time. See Section C for a listing of those projects.

In June 2004 the Mayor and Council established Environmental Services as a self-supporting enterprise fund. Future collection and tipping fees will be set to provide the funding needed for these projects.

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 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Broadway-Pantano Remediation Site	330.0	340.0	350.0	360.0	360.0	1,740.0
Cottonwood Landfill Project, Phase I	-	20.0	20.0	20.0	20.0	80.0
Harrison Landfill Remediation, Phase I	110.0	120.0	130.0	140.0	140.0	640.0
Los Reales Landfill Remediation, Phase I	210.0	220.0	230.0	240.0	240.0	1,140.0
Los Reales Landfill Southwest Remediation	120.0	120.0	120.0	120.0	120.0	600.0
Price Service Center Remediation, Phase I	50.0	53.0	56.0	59.0	62.0	280.0
Prudence Landfill Vadose Zone Remediation	-	110.0	110.0	110.0	110.0	440.0
Silverbell Jail Annex Landfill	120.0	120.0	120.0	120.0	120.0	600.0
Tumamoc Landfill Closure, Phase I	-	120.0	120.0	120.0	120.0	480.0
Total	940.0	1,223.0	1,256.0	1,289.0	1,292.0	6,000.0

Source of Funds Summary						
Environmental Services Fund	940.0	1,223.0	1,256.0	1,289.0	1,292.0	6,000.0
Total	940.0	1,223.0	1,256.0	1,289.0	1,292.0	6,000.0

Map Legend

Environmental Services

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Los Reales Landfill Drainage, Phase I	FY 2005	7. Broadway-Pantano Remediation Site	FY 2007
Los Reales Landfill East Basin	FY 2006		
Los Reales Landfill Facilities, Phase I	FY 2005	8. Mullins Landfill Closure	FY 2005
Los Reales Landfill Future Cells, Phase I	FY 2005	Mullins Landfill Gas Mitigation	FY 2005
Los Reales Landfill Westside Closure	FY 2005	Mullins Landfill Stormwater Controls	FY 2005
2. Los Reales Landfill Remediation, Phase I	FY 2007	9. Price Service Center Remediation, Phase I	FY 2009
3. Los Reales Southwest Remediation, Phase I	FY 2007	10. Cottonwood Landfill Project, Phase I	FY 2007
4. Irvington Landfill Closure, Phase I	FY 2006	11. Tumamoc Landfill Investigation	FY 2006
5. Harrison Landfill Remediation, Phase I	FY 2007	12. Silverbell Jail Annex Landfill	FY 2006
6. Prudence Landfill Vadose Zone Remediation	FY 2006		

Environmental Services

Five-Year Capital Improvement Program

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Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Environmental Management	19,606.1	7,997.1	2,010.7	10,007.8	2,638.0	1,210.0	100.0	79.0	14,034.8	-	33,640.9	
Environmental Services	8,735.6	1,840.9	8,982.6	10,823.5	3,041.0	702.0	-	-	14,566.5	-	23,302.1	
Department Total	28,341.6	9,838.0	10,993.3	20,831.3	5,679.0	1,912.0	100.0	79.0	28,601.3	-	56,942.9	

Source of Funds Summary											
1994 General Obligation Bond Funds	12,175.3	466.7	-	466.7	99.0	-	-	-	565.7	-	12,741.0
1994 General Obligation Bond Funds - Interest	2,026.9	32.1	-	32.1	-	-	-	-	32.1	-	2,059.0
2000 General Obligation Bond Funds	4,637.8	8,739.2	1,800.0	10,539.2	2,734.0	310.0	100.0	79.0	13,762.2	-	18,400.0
Capital Agreement Fund	2,924.7	600.0	500.0	1,100.0	450.0	-	-	-	1,550.0	-	4,474.7
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	400.0
Environmental Services Fund	466.4	-	-	-	-	-	-	-	-	-	466.4
Environmental Services Fund: Debt Financing	-	-	8,693.3	8,693.3	2,396.0	1,602.0	-	-	12,691.3	-	12,691.3
Environmental Services Fund: Mandate Reserves	1,932.4	-	-	-	-	-	-	-	-	-	1,932.4
General Fund	2,222.9	-	-	-	-	-	-	-	-	-	2,222.9
General Fund: Mandate Reserves	1,555.2	-	-	-	-	-	-	-	-	-	1,555.2
Department Total	28,341.6	9,838.0	10,993.3	20,831.3	5,679.0	1,912.0	100.0	79.0	28,601.3	-	56,942.9

Environmental Management

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Broadway-Pantano Remediation Site												
1994 General Obligation Bond Funds	2,175.5	-	-	-	-	-	-	-	-	-	-	2,175.5
1994 General Obligation Bond Funds - Interest	29.5	-	-	-	-	-	-	-	-	-	-	29.5
2000 General Obligation Bond Funds	14.1	3,824.9	-	3,824.9	485.0	210.0	-	-	4,519.9	-	-	4,534.0
Capital Agreement Fund	2,900.0	200.0	-	200.0	-	-	-	-	200.0	-	-	3,100.0
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	-	400.0
General Fund	110.1	-	-	-	-	-	-	-	-	-	-	110.1
	5,629.2	4,024.9	-	4,024.9	485.0	210.0	-	-	4,719.9	-	-	10,349.1
City Landfill Investigations, Phase I												
1994 General Obligation Bond Funds	59.3	16.5	-	16.5	-	-	-	-	16.5	-	-	75.8
Environmental Services Fund: Debt Financing	-	-	308.6	308.6	230.0	300.0	-	-	838.6	-	-	838.6
General Fund	167.4	-	-	-	-	-	-	-	-	-	-	167.4
General Fund: Mandate Reserves	1,008.2	-	-	-	-	-	-	-	-	-	-	1,008.2
	1,234.9	16.5	308.6	325.1	230.0	300.0	-	-	855.1	-	-	2,090.0
Cottonwood Landfill Project, Phase I												
2000 General Obligation Bond Funds	37.0	433.0	-	433.0	100.0	-	-	-	533.0	-	-	570.0
Environmental Services Fund: Debt Financing	-	-	-	-	-	100.0	-	-	100.0	-	-	100.0
	37.0	433.0	-	433.0	100.0	100.0	-	-	633.0	-	-	670.0
Harrison Landfill Remediation, Phase I												
1994 General Obligation Bond Funds	1,273.8	4.1	-	4.1	-	-	-	-	4.1	-	-	1,277.9
1994 General Obligation Bond Funds - Interest	296.9	-	-	-	-	-	-	-	-	-	-	296.9
2000 General Obligation Bond Funds	271.4	128.6	-	128.6	71.0	-	-	-	199.6	-	-	471.0
Environmental Services Fund: Debt Financing	-	-	-	-	-	100.0	-	-	100.0	-	-	100.0
General Fund	204.6	-	-	-	-	-	-	-	-	-	-	204.6
	2,046.7	132.7	-	132.7	71.0	100.0	-	-	303.7	-	-	2,350.4

Environmental Management

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Los Reales Landfill Remediation, Phase I												
1994 General Obligation Bond Funds	2,332.1	-	-	-	-	-	-	-	-	-	-	2,332.1
1994 General Obligation Bond Funds - Interest	527.1	-	-	-	-	-	-	-	-	-	-	527.1
2000 General Obligation Bond Funds	260.0	590.0	100.0	690.0	-	-	-	-	690.0	-	-	950.0
Environmental Services Fund: Debt Financing	-	-	100.0	100.0	100.0	200.0	-	-	400.0	-	-	400.0
General Fund	244.2	-	-	-	-	-	-	-	-	-	-	244.2
	3,363.4	590.0	200.0	790.0	100.0	200.0	-	-	1,090.0	-	-	4,453.4
Los Reales Landfill Southwest Remediation												
2000 General Obligation Bond Funds	2.0	298.0	-	298.0	-	-	-	-	298.0	-	-	300.0
Environmental Services Fund: Debt Financing	-	-	202.0	202.0	150.0	150.0	-	-	502.0	-	-	502.0
Environmental Services Fund: Mandate Reserves	117.8	-	-	-	-	-	-	-	-	-	-	117.8
General Fund: Mandate Reserves	430.2	-	-	-	-	-	-	-	-	-	-	430.2
	550.0	298.0	202.0	500.0	150.0	150.0	-	-	800.0	-	-	1,350.0
Price Service Center Remediation, Phase I												
1994 General Obligation Bond Funds	2,224.6	200.0	-	200.0	99.0	-	-	-	299.0	-	-	2,523.6
1994 General Obligation Bond Funds - Interest	129.2	-	-	-	-	-	-	-	-	-	-	129.2
2000 General Obligation Bond Funds	-	370.0	-	370.0	326.0	100.0	100.0	79.0	975.0	-	-	975.0
Capital Agreement Fund	24.7	400.0	-	400.0	-	-	-	-	400.0	-	-	424.7
Environmental Services Fund: Debt Financing	-	-	-	-	-	50.0	-	-	50.0	-	-	50.0
General Fund	1,496.7	-	-	-	-	-	-	-	-	-	-	1,496.7
	3,875.1	970.0	-	970.0	425.0	150.0	100.0	79.0	1,724.0	-	-	5,599.1
Prudence Landfill Vadose Zone Remediation												
2000 General Obligation Bond Funds	53.0	857.0	-	857.0	190.0	-	-	-	1,047.0	-	-	1,100.0
	53.0	857.0	-	857.0	190.0	-	-	-	1,047.0	-	-	1,100.0

Environmental Management

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Silverbell Jail Annex Landfill												
1994 General Obligation Bond Funds	2,121.2	-	-	-	-	-	-	-	-	-	-	2,121.2
1994 General Obligation Bond Funds - Interest	37.7	-	-	-	-	-	-	-	-	-	-	37.7
2000 General Obligation Bond Funds	325.0	675.0	-	675.0	400.0	-	-	-	-	1,075.0	-	1,400.0
	2,484.0	675.0	-	675.0	400.0	-	-	-	-	1,075.0	-	3,559.0
Tumamoc Landfill Investigation												
Capital Agreement Fund	-	-	500.0	500.0	-	-	-	-	-	500.0	-	500.0
Environmental Services Fund: Debt Financing	-	-	800.1	800.1	487.0	-	-	-	-	1,287.1	-	1,287.1
Environmental Services Fund: Mandate Reserves	216.0	-	-	-	-	-	-	-	-	-	-	216.0
General Fund: Mandate Reserves	116.8	-	-	-	-	-	-	-	-	-	-	116.8
	332.8	-	1,300.1	1,300.1	487.0	-	-	-	-	1,787.1	-	2,119.9
Program Area Total	19,606.1	7,997.1	2,010.7	10,007.8	2,638.0	1,210.0	100.0	79.0	14,034.8	-	-	33,640.9
Source of Funds Summary												
1994 General Obligation Bond Funds	10,186.6	220.6	-	220.6	99.0	-	-	-	-	319.6	-	10,506.2
1994 General Obligation Bond Funds - Interest	1,020.4	-	-	-	-	-	-	-	-	-	-	1,020.4
2000 General Obligation Bond Funds	962.5	7,176.5	100.0	7,276.5	1,572.0	310.0	100.0	79.0	9,337.5	-	-	10,300.0
Capital Agreement Fund	2,924.7	600.0	500.0	1,100.0	-	-	-	-	1,100.0	-	-	4,024.7
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	-	400.0
Environmental Services Fund: Debt Financing	-	-	1,410.7	1,410.7	967.0	900.0	-	-	3,277.7	-	-	3,277.7
Environmental Services Fund: Mandate Reserves	333.8	-	-	-	-	-	-	-	-	-	-	333.8
General Fund	2,222.9	-	-	-	-	-	-	-	-	-	-	2,222.9
General Fund: Mandate Reserves	1,555.2	-	-	-	-	-	-	-	-	-	-	1,555.2
Program Area Total	19,606.1	7,997.1	2,010.7	10,007.8	2,638.0	1,210.0	100.0	79.0	14,034.8	-	-	33,640.9

Environmental Management

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Broadway-Pantano Remediation Site Description: Design and construct an interim groundwater containment system to control a two-mile long contamination plume, and modify a landfill soil vapor extraction system as needed to reduce the source of contamination from the Broadway-Pantano Landfill.										Project ID: U315 Start Date: 7/95 End Date: 6/07 Location: Ward 2		
Justification: This project is a mandated Arizona Department of Environmental Quality State Superfund Site designed to remediate groundwater contamination.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	2,175.5	-	-	-	-	-	-	-	-	-	-	2,175.5
1994 General Obligation Bond Funds - Interest	29.5	-	-	-	-	-	-	-	-	-	-	29.5
2000 General Obligation Bond Funds	14.1	3,824.9	-	3,824.9	485.0	210.0	-	-	-	4,519.9	-	4,534.0
Capital Agreement Fund	2,900.0	200.0	-	200.0	-	-	-	-	-	200.0	-	3,100.0
Capital Agreement Fund: Pima County Contribution	400.0	-	-	-	-	-	-	-	-	-	-	400.0
General Fund	110.1	-	-	-	-	-	-	-	-	-	-	110.1
Total	5,629.2	4,024.9	-	4,024.9	485.0	210.0	-	-	-	4,719.9	-	10,349.1

City Landfill Investigations, Phase I Description: Characterize and assess potential soil and groundwater impacts at the city's 23 landfills; remediation of contaminated sites will be done as required.										Project ID: U116 Start Date: 1/97 End Date: 6/07 Location: Citywide		
Justification: Mayor and Council requested an assessment to identify potential groundwater contamination from city landfills. Early assessment and remediation saves significant clean-up costs by source control and containment. Identification of contaminated areas assures that the public water supply is protected.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	59.3	16.5	-	16.5	-	-	-	-	-	16.5	-	75.8
Environmental Services Fund: Debt Financing	-	-	308.6	308.6	230.0	300.0	-	-	-	838.6	-	838.6
General Fund	167.4	-	-	-	-	-	-	-	-	-	-	167.4
General Fund: Mandate Reserves	1,008.2	-	-	-	-	-	-	-	-	-	-	1,008.2
Total	1,234.9	16.5	308.6	325.1	230.0	300.0	-	-	-	855.1	-	2,090.0

Environmental Management

(\$000)

Cottonwood Landfill Project, Phase I Description: Design and construct the first phase of closure features at the Cottonwood Landfill, including a plan for beneficial end-use. Justification: This project will ensure environmental regulations are met and will return property to the community for a beneficial use.										Project ID: U318 Start Date: 7/03 End Date: 6/07 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	37.0	433.0	-	433.0	100.0	-	-	-	533.0	-	570.0	
Environmental Services Fund: Debt Financing	-	-	-	-	-	100.0	-	-	100.0	-	100.0	
Total	37.0	433.0	-	433.0	100.0	100.0	-	-	633.0	-	670.0	

Harrison Landfill Remediation, Phase I Description: Design and construct the first phase of a groundwater treatment system to control a volatile organic compound groundwater plume that extends northwest from the Harrison Landfill, and modify an existing soil vapor extraction system and groundwater treatment system as needed. 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: 6/07 Location: Ward 4		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	1,273.8	4.1	-	4.1	-	-	-	-	4.1	-	1,277.9	
1994 General Obligation Bond Funds - Interest	296.9	-	-	-	-	-	-	-	-	-	296.9	
2000 General Obligation Bond Funds	271.4	128.6	-	128.6	71.0	-	-	-	199.6	-	471.0	
Environmental Services Fund: Debt Financing	-	-	-	-	-	100.0	-	-	100.0	-	100.0	
General Fund	204.6	-	-	-	-	-	-	-	-	-	204.6	
Total	2,046.7	132.7	-	132.7	71.0	100.0	-	-	303.7	-	2,350.4	

Environmental Management

(\$000)

Los Reales Landfill Remediation, Phase I Description: Expand and modify an existing groundwater pump and treat system at the Los Reales Landfill.										Project ID: U313 Start Date: 7/95 End Date: 6/07 Location: Ward 5		
Justification: This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	2,332.1	-	-	-	-	-	-	-	-	-	-	2,332.1
1994 General Obligation Bond Funds - Interest	527.1	-	-	-	-	-	-	-	-	-	-	527.1
2000 General Obligation Bond Funds	260.0	590.0	100.0	690.0	-	-	-	-	690.0	-	-	950.0
Environmental Services Fund: Debt Financing	-	-	100.0	100.0	100.0	200.0	-	-	400.0	-	-	400.0
General Fund	244.2	-	-	-	-	-	-	-	-	-	-	244.2
Total	3,363.4	590.0	200.0	790.0	100.0	200.0	-	-	1,090.0	-	-	4,453.4

Los Reales Landfill Southwest Remediation Description: Design and construct the first phase of a soil vapor extraction and air injection system to remove soil and groundwater contaminants on the westside of the Los Reales Landfill.										Project ID: U300 Start Date: 7/01 End Date: 6/07 Location: Ward 5		
Justification: This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	2.0	298.0	-	298.0	-	-	-	-	298.0	-	-	300.0
Environmental Services Fund: Debt Financing	-	-	202.0	202.0	150.0	150.0	-	-	502.0	-	-	502.0
Environmental Services Fund: Mandate Reserves	117.8	-	-	-	-	-	-	-	-	-	-	117.8
General Fund: Mandate Reserves	430.2	-	-	-	-	-	-	-	-	-	-	430.2
Total	550.0	298.0	202.0	500.0	150.0	150.0	-	-	800.0	-	-	1,350.0

Environmental Management

(\$000)

Price Service Center Remediation, Phase I Description: Expand the soil and groundwater remediation systems at Price Service Center. Justification: This project is mandated by a corrective action plan with the Arizona Department of Environmental Quality Underground Storage Tank Program.										Project ID: U101 Start Date: 7/92 End Date: 6/09 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	2,224.6	200.0	-	200.0	99.0	-	-	-	299.0	-	2,523.6	
1994 General Obligation Bond Funds - Interest	129.2	-	-	-	-	-	-	-	-	-	129.2	
2000 General Obligation Bond Funds	-	370.0	-	370.0	326.0	100.0	100.0	79.0	975.0	-	975.0	
Capital Agreement Fund	24.7	400.0	-	400.0	-	-	-	-	400.0	-	424.7	
Environmental Services Fund: Debt Financing	-	-	-	-	-	50.0	-	-	50.0	-	50.0	
General Fund	1,496.7	-	-	-	-	-	-	-	-	-	1,496.7	
Total	3,875.1	970.0	-	970.0	425.0	150.0	100.0	79.0	1,724.0	-	5,599.1	

Prudence Landfill Vadose Zone Remediation Description: Complete a landfill assessment, and construct a remediation system to remove contaminant sources. Justification: This remediation project is necessary to prevent groundwater contamination.										Project ID: U317 Start Date: 7/02 End Date: 6/06 Location: Ward 2		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	53.0	857.0	-	857.0	190.0	-	-	-	1,047.0	-	1,100.0	
Total	53.0	857.0	-	857.0	190.0	-	-	-	1,047.0	-	1,100.0	

Environmental Management

(\$000)

Silverbell Jail Annex Landfill Description: Design and construct a groundwater remediation system to remove source contaminants.										Project ID: U314 Start Date: 7/95 End Date: 6/06 Location: Ward 1		
Justification: This project is mandated by the Arizona Department of Environmental Quality State Superfund Program.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	2,121.2	-	-	-	-	-	-	-	-	-	-	2,121.2
1994 General Obligation Bond Funds - Interest	37.7	-	-	-	-	-	-	-	-	-	-	37.7
2000 General Obligation Bond Funds	325.0	675.0	-	675.0	400.0	-	-	-	-	1,075.0	-	1,400.0
Total	2,484.0	675.0	-	675.0	400.0	-	-	-	-	1,075.0	-	3,559.0

Tumamoc Landfill Investigation Description: Investigate soil and groundwater conditions at the Tumamoc Landfill, including a geophysical investigation and installation of additional groundwater monitoring wells. The University of Arizona has agreed to contribute \$500,000 to this project.										Project ID: U301 Start Date: 7/02 End Date: 6/06 Location: Ward 1		
Justification: This project is necessary to characterize and address known groundwater contamination. Exceeding regulatory standards at site requires city action.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	-	-	500.0	500.0	-	-	-	-	-	500.0	-	500.0
Environmental Services Fund: Debt Financing	-	-	800.1	800.1	487.0	-	-	-	-	1,287.1	-	1,287.1
Environmental Services Fund: Mandate Reserves	216.0	-	-	-	-	-	-	-	-	-	-	216.0
General Fund: Mandate Reserves	116.8	-	-	-	-	-	-	-	-	-	-	116.8
Total	332.8	-	1,300.1	1,300.1	487.0	-	-	-	-	1,787.1	-	2,119.9

Environmental Services

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Closed Landfill Gas Mitigation, Phase I												
1994 General Obligation Bond Funds	66.0	-	-	-	-	-	-	-	-	-	-	66.0
1994 General Obligation Bond Funds - Interest	160.9	-	-	-	-	-	-	-	-	-	-	160.9
2000 General Obligation Bond Funds	26.0	24.0	-	24.0	-	-	-	-	-	24.0	-	50.0
Environmental Services Fund	114.3	-	-	-	-	-	-	-	-	-	-	114.3
Environmental Services Fund: Debt Financing	-	-	50.0	50.0	100.0	110.0	-	-	-	260.0	-	260.0
Environmental Services Fund: Mandate Reserves	36.8	-	-	-	-	-	-	-	-	-	-	36.8
	404.0	24.0	50.0	74.0	100.0	110.0	-	-	-	284.0	-	688.0
Closed Landfill Improvements, Phase I												
1994 General Obligation Bond Funds - Interest	17.9	32.1	-	32.1	-	-	-	-	-	32.1	-	50.0
Environmental Services Fund: Debt Financing	-	-	54.6	54.6	131.0	200.0	-	-	-	385.6	-	385.6
Environmental Services Fund: Mandate Reserves	132.4	-	-	-	-	-	-	-	-	-	-	132.4
	150.3	32.1	54.6	86.7	131.0	200.0	-	-	-	417.7	-	568.0
Irvington Landfill Closure, Phase I												
1994 General Obligation Bond Funds	254.5	-	-	-	-	-	-	-	-	-	-	254.5
2000 General Obligation Bond Funds	53.0	247.0	900.0	1,147.0	200.0	-	-	-	-	1,347.0	-	1,400.0
Environmental Services Fund: Debt Financing	-	-	754.0	754.0	200.0	-	-	-	-	954.0	-	954.0
	307.5	247.0	1,654.0	1,901.0	400.0	-	-	-	-	2,301.0	-	2,608.5
Los Reales Intermediate Closure, Phase I												
1994 General Obligation Bond Funds	393.9	-	-	-	-	-	-	-	-	-	-	393.9
1994 General Obligation Bond Funds - Interest	312.7	-	-	-	-	-	-	-	-	-	-	312.7
2000 General Obligation Bond Funds	210.0	-	-	-	-	-	-	-	-	-	-	210.0
Environmental Services Fund	2.7	-	-	-	-	-	-	-	-	-	-	2.7
Environmental Services Fund: Debt Financing	-	-	50.0	50.0	60.0	-	-	-	-	110.0	-	110.0
	919.3	-	50.0	50.0	60.0	-	-	-	-	110.0	-	1,029.3
Los Reales Landfill Buffer Improvements												
Environmental Services Fund: Debt Financing	-	-	384.0	384.0	192.0	192.0	-	-	-	768.0	-	768.0
	-	-	384.0	384.0	192.0	192.0	-	-	-	768.0	-	768.0

Environmental Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Los Reales Landfill Drainage, Phase I												
2000 General Obligation Bond Funds	150.0	100.0	-	100.0	-	-	-	-	100.0	-	250.0	
	150.0	100.0	-	100.0	-	-	-	-	100.0	-	250.0	
Los Reales Landfill East Basin												
2000 General Obligation Bond Funds	-	-	170.0	170.0	962.0	-	-	-	1,132.0	-	1,132.0	
	-	-	170.0	170.0	962.0	-	-	-	1,132.0	-	1,132.0	
Los Reales Landfill Facilities, Phase I												
2000 General Obligation Bond Funds	146.0	74.0	280.0	354.0	-	-	-	-	354.0	-	500.0	
	146.0	74.0	280.0	354.0	-	-	-	-	354.0	-	500.0	
Los Reales Landfill Future Cells, Phase I												
1994 General Obligation Bond Funds	160.0	-	-	-	-	-	-	-	-	-	160.0	
2000 General Obligation Bond Funds	2,260.0	390.0	350.0	740.0	-	-	-	-	740.0	-	3,000.0	
	2,420.0	390.0	350.0	740.0	-	-	-	-	740.0	-	3,160.0	
Los Reales Landfill Gas Control												
Environmental Services Fund: Debt Financing	-	-	255.0	255.0	50.0	-	-	-	305.0	-	305.0	
	-	-	255.0	255.0	50.0	-	-	-	305.0	-	305.0	
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 General Obligation Bond Funds	828.0	100.0	-	100.0	-	-	-	-	100.0	-	928.0	
Environmental Services Fund: Debt Financing	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0	
Environmental Services Fund: Mandate Reserves	140.0	-	-	-	-	-	-	-	-	-	140.0	
	1,418.0	100.0	200.0	300.0	-	-	-	-	300.0	-	1,718.0	

Environmental Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mullins Landfill Closure												
1994 General Obligation Bond Funds	390.6	44.4	-	44.4	-	-	-	-	44.4	-	435.0	
1994 General Obligation Bond Funds - Interest	200.5	-	-	-	-	-	-	-	-	-	200.5	
2000 General Obligation Bond Funds	2.3	627.7	-	627.7	-	-	-	-	627.7	-	630.0	
Environmental Services Fund	110.0	-	-	-	-	-	-	-	-	-	110.0	
Environmental Services Fund: Debt Financing	-	-	4,375.0	4,375.0	-	-	-	-	4,375.0	-	4,375.0	
Environmental Services Fund: Mandate Reserves	794.0	-	-	-	-	-	-	-	-	-	794.0	
	1,497.3	672.1	4,375.0	5,047.1	-	-	-	-	5,047.1	-	6,544.4	
Mullins Landfill Gas Mitigation												
1994 General Obligation Bond Funds	235.0	49.7	-	49.7	-	-	-	-	49.7	-	284.7	
1994 General Obligation Bond Funds - Interest	305.4	-	-	-	-	-	-	-	-	-	305.4	
Environmental Services Fund	239.4	-	-	-	-	-	-	-	-	-	239.4	
Environmental Services Fund: Debt Financing	-	-	490.0	490.0	-	-	-	-	490.0	-	490.0	
Environmental Services Fund: Mandate Reserves	495.3	-	-	-	-	-	-	-	-	-	495.3	
	1,275.2	49.7	490.0	539.7	-	-	-	-	539.7	-	1,814.9	
Mullins Landfill Stormwater Controls												
1994 General Obligation Bond Funds	48.0	152.0	-	152.0	-	-	-	-	152.0	-	200.0	
Environmental Services Fund: Debt Financing	-	-	670.0	670.0	-	-	-	-	670.0	-	670.0	
	48.0	152.0	670.0	822.0	-	-	-	-	822.0	-	870.0	

Environmental Services

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tumamoc Landfill Closure, Phase I												
Capital Agreement Fund	-	-	-	-	450.0	-	-	-	-	450.0	-	450.0
Environmental Services Fund: Debt Financing	-	-	-	-	696.0	200.0	-	-	-	896.0	-	896.0
	-	-	-	-	1,146.0	200.0	-	-	-	1,346.0	-	1,346.0
Program Area Total	8,735.6	1,840.9	8,982.6	10,823.5	3,041.0	702.0	-	-	-	14,566.5	-	23,302.1
Source of Funds Summary												
1994 General Obligation Bond Funds	1,988.8	246.1	-	246.1	-	-	-	-	-	246.1	-	2,234.9
1994 General Obligation Bond Funds - Interest	1,006.5	32.1	-	32.1	-	-	-	-	-	32.1	-	1,038.6
2000 General Obligation Bond Funds	3,675.3	1,562.7	1,700.0	3,262.7	1,162.0	-	-	-	-	4,424.7	-	8,100.0
Capital Agreement Fund	-	-	-	-	450.0	-	-	-	-	450.0	-	450.0
Environmental Services Fund	466.4	-	-	-	-	-	-	-	-	-	-	466.4
Environmental Services Fund: Debt Financing	-	-	7,282.6	7,282.6	1,429.0	702.0	-	-	-	9,413.6	-	9,413.6
Environmental Services Fund: Mandate Reserves	1,598.6	-	-	-	-	-	-	-	-	-	-	1,598.6
Program Area Total	8,735.6	1,840.9	8,982.6	10,823.5	3,041.0	702.0	-	-	-	14,566.5	-	23,302.1

Environmental Services

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Closed Landfill Gas Mitigation, Phase I Description: Investigate and mitigate conditions at closed city landfills that potentially affect public safety and the environment. This includes investigation of immediate methane hazards, installation of long-term methane monitoring systems, and installation of one gas migration control system.										Project ID: Q317 Start Date: 7/95 End Date: 6/07 Location: Citywide		
Justification: Mayor and Council policy calls for quarterly methane monitoring and control of methane migration to ensure public safety.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	66.0	-	-	-	-	-	-	-	-	-	-	66.0
1994 General Obligation Bond Funds - Interest	160.9	-	-	-	-	-	-	-	-	-	-	160.9
2000 General Obligation Bond Funds	26.0	24.0	-	24.0	-	-	-	-	-	24.0	-	50.0
Environmental Services Fund	114.3	-	-	-	-	-	-	-	-	-	-	114.3
Environmental Services Fund: Debt Financing	-	-	50.0	50.0	100.0	110.0	-	-	-	260.0	-	260.0
Environmental Services Fund: Mandate Reserves	36.8	-	-	-	-	-	-	-	-	-	-	36.8
Total	404.0	24.0	50.0	74.0	100.0	110.0	-	-	-	284.0	-	688.0

Closed Landfill Improvements, Phase I Description: Design and construct improvements at closed landfills, including erosion protection, grading, fencing, and revegetation at up to 14 sites.										Project ID: Q319 Start Date: 7/99 End Date: 6/07 Location: Citywide		
Justification: Improvements at closed landfills are necessary to protect public health and safety, as well as to meet federal and state regulatory requirements.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds - Interest	17.9	32.1	-	32.1	-	-	-	-	-	32.1	-	50.0
Environmental Services Fund: Debt Financing	-	-	54.6	54.6	131.0	200.0	-	-	-	385.6	-	385.6
Environmental Services Fund: Mandate Reserves	132.4	-	-	-	-	-	-	-	-	-	-	132.4
Total	150.3	32.1	54.6	86.7	131.0	200.0	-	-	-	417.7	-	568.0

Environmental Services

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Irvington Landfill Closure, Phase I Description: Design and construct the first phase of closure features at the Irvington Landfill, including a plan for beneficial end-use as a park. An aquifer protection permit will be required from the Arizona Department of Environmental Quality prior to construction.										Project ID: Q397 Start Date: 7/97 End Date: 6/06 Location: Ward 4		
Justification: This project will ensure compliance with state closure regulations and protect public health and the environment.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	254.5	-	-	-	-	-	-	-	-	-	-	254.5
2000 General Obligation Bond Funds	53.0	247.0	900.0	1,147.0	200.0	-	-	-	-	1,347.0	-	1,400.0
Environmental Services Fund: Debt Financing	-	-	754.0	754.0	200.0	-	-	-	-	954.0	-	954.0
Total	307.5	247.0	1,654.0	1,901.0	400.0	-	-	-	-	2,301.0	-	2,608.5

Los Reales Intermediate Closure, Phase I Description: 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.										Project ID: Q326 Start Date: 1/97 End Date: 6/06 Location: Ward 5		
Justification: Intermediate closure of cells is necessary to ensure compliance with city's landfill permit.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	393.9	-	-	-	-	-	-	-	-	-	-	393.9
1994 General Obligation Bond Funds - Interest	312.7	-	-	-	-	-	-	-	-	-	-	312.7
2000 General Obligation Bond Funds	210.0	-	-	-	-	-	-	-	-	-	-	210.0
Environmental Services Fund	2.7	-	-	-	-	-	-	-	-	-	-	2.7
Environmental Services Fund: Debt Financing	-	-	50.0	50.0	60.0	-	-	-	-	110.0	-	110.0
Total	919.3	-	50.0	50.0	60.0	-	-	-	-	110.0	-	1,029.3

Environmental Services

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Los Reales Landfill Buffer Improvements Description: Design and construct buffer improvements to the east and southeast perimeters of the landfill, including a screening berm, trees, and fence improvements. Justification: These buffer improvements, which are part of the landfill's proposed master plan, will provide adequate screening to residential neighbors.										Project ID: Q332 Start Date: 7/04 End Date: 6/07 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Environmental Services Fund: Debt Financing	-	-	384.0	384.0	192.0	192.0	-	-	768.0	-	768.0	
Total	-	-	384.0	384.0	192.0	192.0	-	-	768.0	-	768.0	

Los Reales Landfill Drainage, Phase I Description: Design and construct drainage improvements at the Los Reales Landfill. Justification: Drainage improvements are needed to accommodate increases in landfill capacity and to comply with the city's landfill permit.										Project ID: Q337 Start Date: 7/02 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	150.0	100.0	-	100.0	-	-	-	-	100.0	-	250.0	
Total	150.0	100.0	-	100.0	-	-	-	-	100.0	-	250.0	

Environmental Services

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Los Reales Landfill East Basin										Project ID: Q341		
Description: Design and construct a retention basin to control off-site stormwater at the Los Reales Landfill. Excavation of the east basin will provide cover soil for the operating needs of the landfill.										Start Date: 7/04		
										End Date: 6/06		
										Location: Ward 5		
Justification: A retention basin for off-site stormwater is necessary to comply with the landfill permit and will facilitate the construction of future landfill cells.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	-	-	170.0	170.0	962.0	-	-	-	1,132.0	-	1,132.0	
Total	-	-	170.0	170.0	962.0	-	-	-	1,132.0	-	1,132.0	

Los Reales Landfill Facilities, Phase I										Project ID: Q322		
Description: Design and construct improvements to facilities at the Los Reales Landfill for both staff and public uses.										Start Date: 7/00		
										End Date: 6/05		
										Location: Ward 5		
Justification: To expand the Los Reales Landfill as proposed in the master plan will require the relocation of several buildings.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	146.0	74.0	280.0	354.0	-	-	-	-	354.0	-	500.0	
Total	146.0	74.0	280.0	354.0	-	-	-	-	354.0	-	500.0	

Environmental Services

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Los Reales Landfill Future Cells, Phase I Description: Design, permit, and construct the first phase of future lined cells, including stormwater basins and channels, roadways, and support facilities as part of facility's proposed master plan. Justification: Additional cells are needed to extend the life of the Los Reales Landfill, the city's only operating landfill.										Project ID: Q910 Start Date: 7/02 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	160.0	-	-	-	-	-	-	-	-	-	-	160.0
2000 General Obligation Bond Funds	2,260.0	390.0	350.0	740.0	-	-	-	-	-	740.0	-	3,000.0
Total	2,420.0	390.0	350.0	740.0	-	-	-	-	-	740.0	-	3,160.0

Los Reales Landfill Gas Control Description: Design and construct a gas emissions control system. Justification: This project will ensure compliance with federal and state air quality permits and regulations. Air quality regulations mandate gas control for Cell One in Fiscal Year 2005 and gas control for Cell Two in Fiscal Year 2007.										Project ID: Q915 Start Date: 7/04 End Date: 6/06 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Environmental Services Fund: Debt Financing	-	-	255.0	255.0	50.0	-	-	-	-	305.0	-	305.0
Total	-	-	255.0	255.0	50.0	-	-	-	-	305.0	-	305.0

Environmental Services

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Los Reales Landfill Westside Closure Description: Design and construct a closure cap for an old industrial waste disposal area on the westside of the Los Reales Landfill.										Project ID: Q325 Start Date: 1/98 End Date: 6/05 Location: Ward 5		
Justification: This project ensures compliance with federal and state regulations and will improve long-term protection of the soil and groundwater.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	440.8	-	-	-	-	-	-	-	-	-	-	440.8
1994 General Obligation Bond Funds - Interest	9.2	-	-	-	-	-	-	-	-	-	-	9.2
2000 General Obligation Bond Funds	828.0	100.0	-	100.0	-	-	-	-	100.0	-	-	928.0
Environmental Services Fund: Debt Financing	-	-	200.0	200.0	-	-	-	-	200.0	-	-	200.0
Environmental Services Fund: Mandate Reserves	140.0	-	-	-	-	-	-	-	-	-	-	140.0
Total	1,418.0	100.0	200.0	300.0	-	-	-	-	300.0	-	-	1,718.0

Mullins Landfill Closure Description: Design, permit, and construct closure features at the Mullins Landfill.										Project ID: Q398 Start Date: 1/96 End Date: 6/05 Location: Ward 2		
Justification: This project will ensure public safety and compliance with the city's landfill closure permit.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	390.6	44.4	-	44.4	-	-	-	-	44.4	-	-	435.0
1994 General Obligation Bond Funds - Interest	200.5	-	-	-	-	-	-	-	-	-	-	200.5
2000 General Obligation Bond Funds	2.3	627.7	-	627.7	-	-	-	-	627.7	-	-	630.0
Environmental Services Fund	110.0	-	-	-	-	-	-	-	-	-	-	110.0
Environmental Services Fund: Debt Financing	-	-	4,375.0	4,375.0	-	-	-	-	4,375.0	-	-	4,375.0
Environmental Services Fund: Mandate Reserves	794.0	-	-	-	-	-	-	-	-	-	-	794.0
Total	1,497.3	672.1	4,375.0	5,047.1	-	-	-	-	5,047.1	-	-	6,544.4

Environmental Services

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Mullins Landfill Gas Mitigation Description: Redesign and rebuild the 14-year-old gas migration control system at the Mullins Landfill. Justification: This project will ensure public safety and compliance with the facility closure permit.										Project ID: Q396 Start Date: 1/96 End Date: 6/05 Location: Ward 2		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	235.0	49.7	-	49.7	-	-	-	-	49.7	-	284.7	
1994 General Obligation Bond Funds - Interest	305.4	-	-	-	-	-	-	-	-	-	305.4	
Environmental Services Fund	239.4	-	-	-	-	-	-	-	-	-	239.4	
Environmental Services Fund: Debt Financing	-	-	490.0	490.0	-	-	-	-	490.0	-	490.0	
Environmental Services Fund: Mandate Reserves	495.3	-	-	-	-	-	-	-	-	-	495.3	
Total	1,275.2	49.7	490.0	539.7	-	-	-	-	539.7	-	1,814.9	

Mullins Landfill Stormwater Controls Description: Design and construct stormwater controls on a major drainage channel adjacent to the Mullins Landfill's southern boundary. Justification: This project will ensure compliance with state and local regulations.										Project ID: Q336 Start Date: 7/01 End Date: 6/05 Location: Ward 2		
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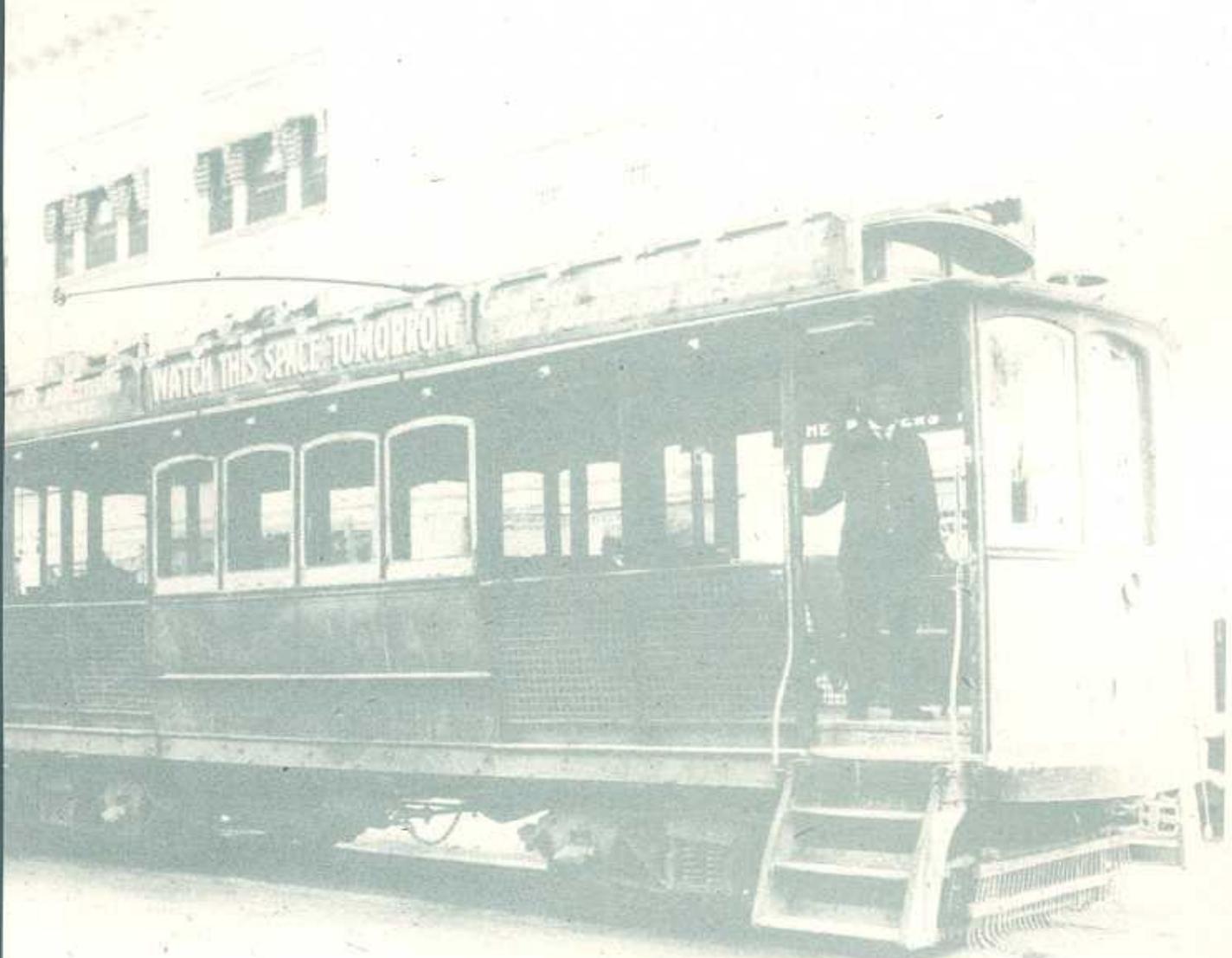
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	48.0	152.0	-	152.0	-	-	-	-	152.0	-	200.0	
Environmental Services Fund: Debt Financing	-	-	670.0	670.0	-	-	-	-	670.0	-	670.0	
Total	48.0	152.0	670.0	822.0	-	-	-	-	822.0	-	870.0	

Environmental Services

(\$000)

Tumamoc Landfill Closure, Phase I Description: Design and construct the first phase of a closure cap and stormwater control features at the Tumamoc Landfill. The University of Arizona has agreed to contribute \$450,000 to the project. Justification: This project will be necessary if the state requires the city to do permanent closure of this old city-operated landfill.										Project ID: Q312 Start Date: 7/05 End Date: 6/07 Location: Ward 1	
										Adopted Fiscal Year 2005	
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Capital Agreement Fund	-	-	-	-	450.0	-	-	-	450.0	-	450.0
Environmental Services Fund: Debt Financing	-	-	-	-	696.0	200.0	-	-	896.0	-	896.0
Total	-	-	-	-	1,146.0	200.0	-	-	1,346.0	-	1,346.0

TRANSPORTATION



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Transportation

Five-Year Total: \$ 185,613,900

Transportation's Capital Improvement Program (CIP) funds improvements for a multi-modal transportation system and infrastructure designed to attract industry and protect neighborhoods. The program is divided into six areas: Streets, Drainage, Street Lighting, Traffic Signals, Parking Garages, and Public Transit.

The impact of this five-year CIP on future operating budgets is estimated to be \$1.3 million in Fiscal Year 2005, increasing to \$1.9 million in Fiscal Year 2009. See the following page for the impact by project and funding source.

Streets. The Streets Program of \$97.4 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 and regional transportation funds allocated by the Pima Association of Governments.

Drainage. The Drainage Program of \$20.8 million is primarily based on the Tucson Stormwater Management Study and emphasizes the protection of neighborhoods and naturally vegetated watercourses. General obligation bonds provide funding for drainage projects.

Street Lighting. The Street Lighting Program of \$5.7 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 the city's state-shared gasoline taxes (Highway User Revenue Fund).

Traffic Signals. The Traffic Signals Program of \$9 million constructs traffic signals, warning flashers 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 from federal grants and general obligation bonds.

Parking Garages. The Parking Garages Program of \$1.1 million provides for improvements to existing parking garages managed by TEAM (Transportation Enterprise Area Management). These improvements are funded from TEAM parking revenues.

Public Transit. The Public Transit Program of \$51.6 million replaces Sun Tran and Van Tran fleet vehicles, upgrades and constructs facilities to support transit operations, and funds the restoration of the Union Pacific Intermodal Center. This program is primarily funded with federal grants, with local matches provided by the General Fund.

Unmet Capital Needs. Not shown in this five-year CIP are unfunded projects of \$3 billion needed to serve the city's current population and \$1.5 billion in unfunded projects to serve projected growth through 2030.

In May 2004, voters approved Pima County drainage bonds that will cover some of the costs of these projects.

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 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
1st Avenue: Prince Road to River Road	3.3	3.4	10.5	10.6	10.7	38.5
6th Avenue/18th Street Intersection Improvements	-	-	30.0	30.0	30.0	90.0
Automated Vehicle Location System Kiosks	1.1	1.2	17.0	17.0	17.0	53.3
Barraza-Aviation Parkway: 4th Avenue Underpass	-	-	15.0	15.0	15.0	45.0
Barraza-Aviation Parkway: Downtown, Phase III	-	-	-	-	20.0	20.0
Barrio Anita Enhancements	-	-	40.0	40.0	40.0	120.0
Broadway Boulevard Right-Turn and Transit Lane	5.0	5.0	5.0	5.0	5.0	25.0
Campbell Avenue: Roger Road to River Road	1.5	1.5	5.1	5.1	5.1	18.3
Changeable Message Traffic Signs	-	-	-	-	2.5	2.5
Emergency Preemption System Expansion	-	-	-	-	3.0	3.0
Expansion Vans for Van Tran	1,241.1	1,278.3	1,316.7	1,356.2	1,396.9	6,589.2
Grant Road and Campbell Intersection Improvement	9.5	9.9	70.0	70.0	70.0	229.4
Harrison Road: Speedway to Old Spanish Trail	-	-	40.0	40.0	40.0	120.0
Highland Avenue Bike and Pedestrian Improvements	-	-	10.0	10.0	10.0	30.0
Living Transportation Laboratory Improvements	-	-	-	-	4.0	4.0
Machine Vision Video Detection System Upgrades	-	-	10.0	10.0	10.0	30.0
Mountain Avenue: Roger Road to Ft. Lowell Road	-	-	40.0	40.0	40.0	120.0
Neighborhood District Lighting Improvements	6.0	6.2	6.4	6.6	6.8	32.0
Nogales Highway: Drexel to Irvington	3.0	3.1	3.2	3.3	3.4	16.0
Park Avenue Lighting: Valencia to Irvington	3.0	3.1	20.4	20.6	20.8	67.9
Roger Road and Fairview Avenue Traffic Signal	-	-	2.4	2.4	2.4	7.2
School Flasher Construction	-	-	6.0	8.0	10.0	24.0
South 10th Avenue Bike & Pedestrian Enhancement	-	-	30.0	30.0	30.0	90.0
South 10th Avenue Revitalization	-	-	10.0	10.0	10.0	30.0
South 4th Avenue Streetscape Enhancement	-	-	5.0	5.0	5.0	15.0
Starr Pass Boulevard Improvements	-	-	5.0	5.0	5.0	15.0
Stone Avenue: 6th Street to Speedway	-	-	10.0	10.0	10.0	30.0
Stone Avenue: Pedestrian Safety Improvements	-	-	30.0	30.0	30.0	90.0
Tanque Verde/Paseo Rancho Esperanza Signal	-	-	-	2.4	2.4	4.8
Traffic Signal Equipment Upgrades	-	-	2.0	2.0	5.0	9.0
Transit Headquarters Improvements, Phase II	30.3	30.3	58.4	60.2	62.0	241.2
Udall Center Transit Facility	9.3	9.3	18.0	18.6	19.2	74.4
Total	1,313.1	1,351.3	1,816.1	1,863.0	1,941.2	8,284.7

Source of Funds Summary						
Highway User Revenue Fund	31.3	32.2	406.0	411.0	446.1	1,326.6
Mass Transit Fund: General Fund Transfer	1,281.8	1,319.1	1,410.1	1,452.0	1,495.1	6,958.1
Total	1,313.1	1,351.3	1,816.1	1,863.0	1,941.2	8,284.7

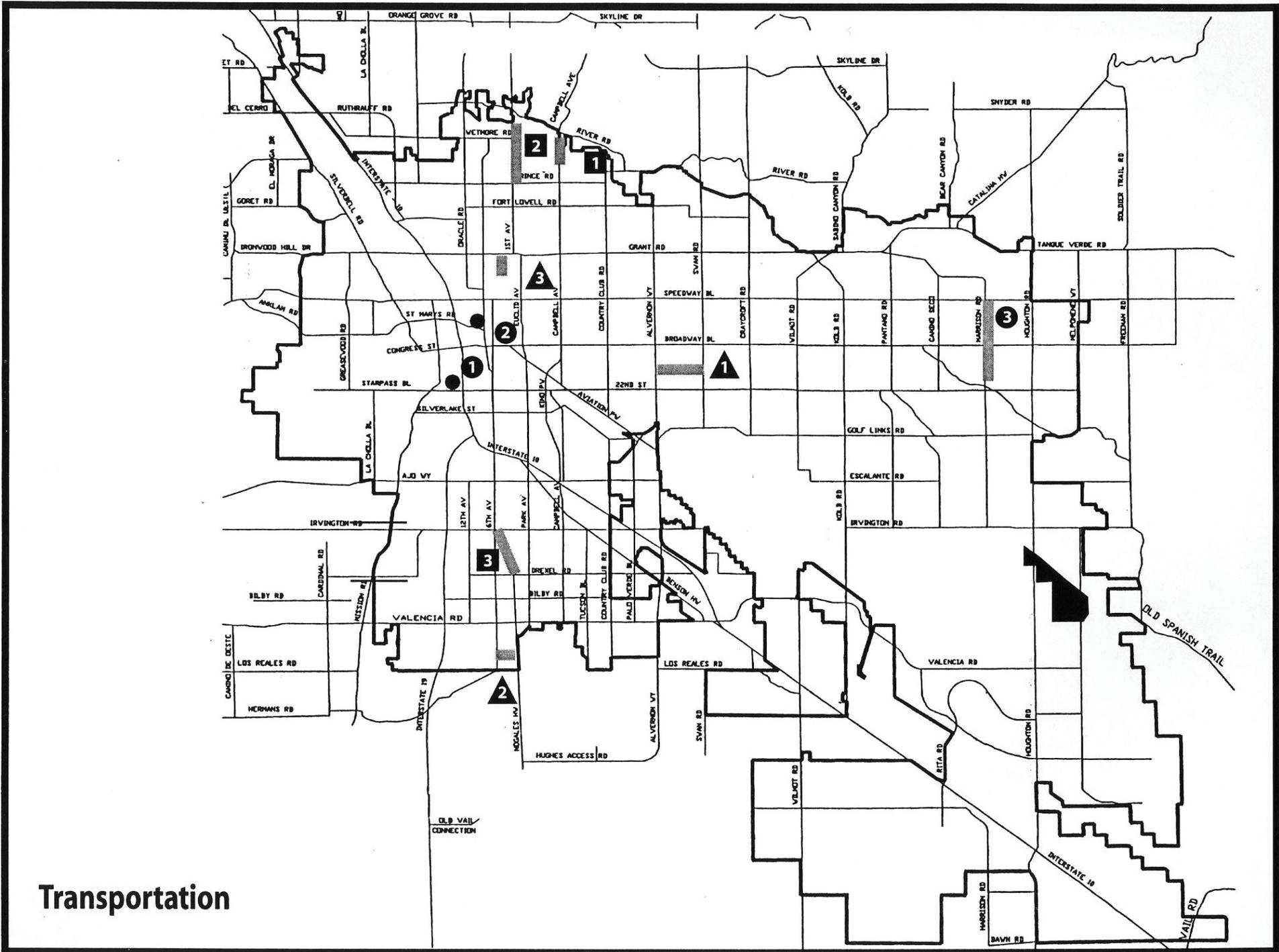
Pima County Bond Program
Street Projects Located Within the City of Tucson

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 to Alvernon	6,500.0
Under the Memorandum of Understanding		
Projects to be Administered by City of Tucson		
TBD	22nd Street and Kino Parkway Overpass	10,000.0
DOT-56	Broadway Boulevard: Euclid to Campbell*	25,000.0
Projects to be Administered by Pima County		
DOT-05	Alvernon Way: Ft. Lowell to River Road	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
		60,000.0
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.



Transportation

Map Legend
Transportation

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
Streets - projects indicated within a 		Street Lighting - projects indicated within a 	
1. 6th/18th Street Intersection	FY 2005	1. Campbell Avenue: River Road to Roger Road	FY 2005
2. Barraza-Aviation Parkway: 4th Avenue Underpass	FY 2006	2. First Avenue: River Road to Prince Avenue	FY 2005
3. Harrison Road: Speedway to Old Spanish Trail	FY 2007	3. Nogales Highway: Drexel to Irvington	FY 2005
Drainage - projects indicated within a 			
1. Arroyo Chico Drainage Improvements	FY 2005		
2. El Vado Wash Drainage Improvements	FY 2005		
3. Jefferson Park Drainage Improvements	FY 2005		

Transportation

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Transportation - Streets	30,660.1	3,069.1	35,560.7	38,629.8	33,644.0	11,000.0	12,978.0	1,150.0	97,401.8	-	128,061.9	
Transportation - Drainage	6,475.0	5,477.4	10,334.2	15,811.6	4,300.0	700.0	-	-	20,811.6	-	27,286.6	
Transportation - Street Lighting	1,272.9	405.2	1,278.0	1,683.2	995.0	995.0	995.0	995.0	5,663.2	-	6,936.1	
Transportation - Traffic Signals	2,396.1	2,596.8	1,282.0	3,878.8	2,717.9	870.7	1,458.0	115.0	9,040.4	-	11,436.5	
Transportation - Parking Garages	8.9	241.1	280.6	521.7	124.7	100.0	156.9	163.8	1,067.1	-	1,076.0	
Transportation - Public Transit	6,353.1	15,571.9	11,465.5	27,037.4	6,821.7	6,597.5	4,104.6	7,068.6	51,629.8	-	57,982.9	
Department Total	47,166.0	27,361.5	60,201.0	87,562.5	48,603.3	20,263.2	19,692.5	9,492.4	185,613.9	-	232,779.9	

Source of Funds Summary											
1994 General Obligation Bond Funds	4,466.8	500.0	-	500.0	-	-	-	-	500.0	-	4,966.8
1994 Street and Highway Revenue Bond Funds	1,591.2	442.1	-	442.1	-	-	-	-	442.1	-	2,033.3
2000 General Obligation Bond Funds	5,500.0	5,762.6	9,234.2	14,996.8	2,300.0	700.0	-	-	17,996.8	-	23,496.8
2000 General Obligation Bond Funds - Interest	-	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0
2000 Street and Highway Revenue Bond Funds	4,561.0	1,982.0	2,349.2	4,331.2	746.9	-	-	-	5,078.1	-	9,639.1
Capital Agreement Fund	909.9	882.6	4,415.0	5,297.6	115.0	115.0	115.0	115.0	5,757.6	-	6,667.5
Capital Agreement Fund: PAG	19,934.0	608.9	10,297.0	10,905.9	12,840.0	6,200.0	4,850.0	-	34,795.9	-	54,729.9
Capital Agreement Fund: Pima County Bonds	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0
Capital Agreement Fund: Pima County Contribution	0.1	54.3	155.0	209.3	2,000.0	-	-	-	2,209.3	-	2,209.4
Federal Highway Administration Grants	899.3	550.0	11,071.0	11,621.0	14,164.0	3,555.7	7,632.0	-	36,972.7	-	37,872.0
Highway User Revenue Fund	5,720.8	1,301.0	8,233.5	9,534.5	8,141.0	2,645.0	2,484.0	1,795.0	24,599.5	-	30,320.3
Mass Transit Fund: Federal Grants	2,493.4	13,542.5	10,505.1	24,047.6	5,811.1	5,485.7	2,893.8	5,869.1	44,107.3	-	46,600.7
Mass Transit Fund: General Fund Transfer	309.7	1,374.4	820.4	2,194.8	1,010.6	1,111.8	1,210.8	1,199.5	6,727.5	-	7,037.2
Miscellaneous Non-Federal Grants	435.0	-	-	-	-	-	-	-	-	-	435.0
Special Assessments Construction Fund	336.0	120.0	340.0	460.0	350.0	350.0	350.0	350.0	1,860.0	-	2,196.0
TEAM: Fees and Charges	8.9	241.1	280.6	521.7	124.7	100.0	156.9	163.8	1,067.1	-	1,076.0
Department Total	47,166.0	27,361.5	60,201.0	87,562.5	48,603.3	20,263.2	19,692.5	9,492.4	185,613.9	-	232,779.9

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
6th Avenue/18th Street Intersection Improvements												
Capital Agreement Fund: PAG	346.8	-	-	-	-	-	-	-	-	-	-	346.8
Federal Highway Administration Grants	-	-	1,800.0	1,800.0	-	-	-	-	-	1,800.0	-	1,800.0
Highway User Revenue Fund	110.9	-	109.0	109.0	-	-	-	-	-	109.0	-	219.9
	457.7	-	1,909.0	1,909.0	-	-	-	-	-	1,909.0	-	2,366.7
Alternate Modes Improvements												
Federal Highway Administration Grants	-	-	961.0	961.0	900.0	-	600.0	-	-	2,461.0	-	2,461.0
Highway User Revenue Fund	-	-	100.0	100.0	51.0	-	51.0	-	-	202.0	-	202.0
	-	-	1,061.0	1,061.0	951.0	-	651.0	-	-	2,663.0	-	2,663.0
Anklam Road Traffic Safety Improvements												
Capital Agreement Fund	20.0	-	-	-	-	-	-	-	-	-	-	20.0
Highway User Revenue Fund	-	-	450.0	450.0	450.0	450.0	-	-	-	1,350.0	-	1,350.0
	20.0	-	450.0	450.0	450.0	450.0	-	-	-	1,350.0	-	1,370.0
Barraza-Aviation Parkway: 4th Avenue Underpass												
Capital Agreement Fund: PAG	1,673.4	-	7,950.0	7,950.0	11,700.0	-	-	-	-	19,650.0	-	21,323.4
Highway User Revenue Fund	103.7	-	-	-	-	-	-	-	-	-	-	103.7
	1,777.1	-	7,950.0	7,950.0	11,700.0	-	-	-	-	19,650.0	-	21,427.1
Barraza-Aviation Parkway: Downtown, Phase III												
Capital Agreement Fund: PAG	800.0	-	-	-	-	800.0	3,500.0	-	-	4,300.0	-	5,100.0
Highway User Revenue Fund	-	-	-	-	500.0	-	-	-	-	500.0	-	500.0
	800.0	-	-	-	500.0	800.0	3,500.0	-	-	4,800.0	-	5,600.0
Barraza-Tucson Parkway: Arroyo Realignment												
Capital Agreement Fund: PAG	594.0	-	-	-	-	2,800.0	-	-	-	2,800.0	-	3,394.0
	594.0	-	-	-	-	2,800.0	-	-	-	2,800.0	-	3,394.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Barrio Anita Enhancements												
2000 Street and Highway Revenue Bond Funds	9.0	-	-	-	-	-	-	-	-	-	-	9.0
Federal Highway Administration Grants	639.3	-	-	-	-	-	-	-	-	-	-	639.3
Highway User Revenue Fund	19.0	10.0	-	10.0	-	-	-	-	-	10.0	-	29.0
	667.3	10.0	-	10.0	-	-	-	-	-	10.0	-	677.3
Broadway Boulevard Right-Turn and Transit Lane												
Capital Agreement Fund	0.2	-	-	-	-	-	-	-	-	-	-	0.2
Highway User Revenue Fund	152.8	500.0	500.0	1,000.0	500.0	-	-	-	-	1,500.0	-	1,652.8
	153.0	500.0	500.0	1,000.0	500.0	-	-	-	-	1,500.0	-	1,653.0
Bus-Related Roadway Improvements												
2000 Street and Highway Revenue Bond Funds	1,010.0	300.0	-	300.0	325.0	-	-	-	-	625.0	-	1,635.0
	1,010.0	300.0	-	300.0	325.0	-	-	-	-	625.0	-	1,635.0
Capacity for 1997 Pima County Bond Projects												
Capital Agreement Fund: Pima County Bonds	-	-	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
Cienega Road Improvements												
Capital Agreement Fund	-	-	4,300.0	4,300.0	-	-	-	-	-	4,300.0	-	4,300.0
Capital Agreement Fund: PAG	80.0	200.0	-	200.0	-	-	-	-	-	200.0	-	280.0
	80.0	200.0	4,300.0	4,500.0	-	-	-	-	-	4,500.0	-	4,580.0
Downtown Pedestrian Implementation												
1994 Street and Highway Revenue Bond Funds	212.9	-	-	-	-	-	-	-	-	-	-	212.9
Capital Agreement Fund: PAG	181.0	258.9	-	258.9	200.0	-	-	-	-	458.9	-	639.9
Highway User Revenue Fund	365.8	-	-	-	-	-	-	-	-	-	-	365.8
	759.6	258.9	-	258.9	200.0	-	-	-	-	458.9	-	1,218.5
Grant Road and Campbell Intersection Improvement												
Capital Agreement Fund: PAG	13,511.1	100.0	-	100.0	-	-	-	-	-	100.0	-	13,611.1
	13,511.1	100.0	-	100.0	-	-	-	-	-	100.0	-	13,611.1

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Grant and Craycroft Intersection Improvements												
1994 Street and Highway Revenue Bond Funds	130.6	-	-	-	-	-	-	-	-	-	-	130.6
2000 Street and Highway Revenue Bond Funds	375.0	-	1,450.4	1,450.4	-	-	-	-	-	1,450.4	-	1,825.4
	505.6	-	1,450.4	1,450.4	-	-	-	-	-	1,450.4	-	1,956.0
Harrison Road: Speedway to Old Spanish Trail												
2000 Street and Highway Revenue Bond Funds	1,199.9	-	-	-	-	-	-	-	-	-	-	1,199.9
Capital Agreement Fund: PAG	500.0	-	560.0	560.0	940.0	-	-	-	-	1,500.0	-	2,000.0
Federal Highway Administration Grants	-	-	-	-	8,353.0	2,250.0	-	-	-	10,603.0	-	10,603.0
Highway User Revenue Fund	230.0	-	-	-	-	-	-	-	-	-	-	230.0
	1,929.9	-	560.0	560.0	9,293.0	2,250.0	-	-	-	12,103.0	-	14,032.9
Highland Avenue Bike and Pedestrian Improvements												
2000 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	-	13.0
Federal Highway Administration Grants	-	-	940.0	940.0	-	-	-	-	-	940.0	-	940.0
Highway User Revenue Fund	267.6	100.0	57.0	157.0	-	-	-	-	-	157.0	-	424.6
	280.6	100.0	997.0	1,097.0	-	-	-	-	-	1,097.0	-	1,377.6
Miscellaneous Developer-Funded Improvements												
Highway User Revenue Fund	-	-	600.0	600.0	600.0	600.0	600.0	600.0	600.0	3,000.0	-	3,000.0
	-	-	600.0	600.0	600.0	600.0	600.0	600.0	600.0	3,000.0	-	3,000.0
Miscellaneous On-Call Street Improvements												
Highway User Revenue Fund	-	-	1,050.0	1,050.0	1,050.0	550.0	550.0	550.0	550.0	3,750.0	-	3,750.0
	-	-	1,050.0	1,050.0	1,050.0	550.0	550.0	550.0	550.0	3,750.0	-	3,750.0
Mountain Avenue: Roger Road to Ft. Lowell Road												
Highway User Revenue Fund	998.9	-	3,500.0	3,500.0	3,500.0	-	-	-	-	7,000.0	-	7,998.9
	998.9	-	3,500.0	3,500.0	3,500.0	-	-	-	-	7,000.0	-	7,998.9

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Nogales Highway Pedestrian Crossing												
Capital Agreement Fund	8.9	-	-	-	-	-	-	-	-	-	-	8.9
Highway User Revenue Fund	205.5	-	150.0	150.0	-	-	-	-	-	-	-	355.5
	214.4	-	150.0	150.0	-	-	-	-	-	-	-	364.4
Park and Euclid Bicycle and Pedestrian Bridge												
2000 Street and Highway Revenue Bond Funds	90.0	-	-	-	-	-	-	-	-	-	-	90.0
Capital Agreement Fund: PAG	394.9	-	-	-	-	-	-	-	-	-	-	394.9
Federal Highway Administration Grants	-	-	856.0	856.0	-	-	-	-	-	-	-	856.0
Highway User Revenue Fund	30.8	95.1	-	95.1	-	-	-	-	-	-	-	125.9
	515.7	95.1	856.0	951.1	-	-	-	-	-	-	-	1,466.8
Pedestrian Improvements												
2000 Street and Highway Revenue Bond Funds	289.0	539.0	232.8	771.8	-	-	-	-	-	-	-	1,060.8
	289.0	539.0	232.8	771.8	-	-	-	-	-	-	-	1,060.8
Road Resurfacing, Restoration, & Rehabilitation												
Federal Highway Administration Grants	-	-	3,330.0	3,330.0	2,646.0	800.0	5,907.0	-	-	-	-	12,683.0
Highway User Revenue Fund	1,397.9	-	201.0	201.0	400.0	150.0	570.0	-	-	-	-	2,718.9
	1,397.9	-	3,531.0	3,531.0	3,046.0	950.0	6,477.0	-	-	-	-	15,401.9
South 10th Avenue Bike & Pedestrian Enhancement												
Capital Agreement Fund: PAG	-	-	737.0	737.0	-	-	-	-	-	-	-	737.0
Federal Highway Administration Grants	-	-	500.0	500.0	-	-	-	-	-	-	-	500.0
	-	-	1,237.0	1,237.0	-	-	-	-	-	-	-	1,237.0
South 10th Avenue Revitalization												
Capital Agreement Fund	35.0	-	-	-	-	-	-	-	-	-	-	35.0
Federal Highway Administration Grants	-	-	449.0	449.0	-	-	-	-	-	-	-	449.0
Highway User Revenue Fund	20.0	-	30.0	30.0	-	-	-	-	-	-	-	50.0
	55.0	-	479.0	479.0	-	-	-	-	-	-	-	534.0

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
South 4th Avenue Streetscape Enhancement												
Federal Highway Administration Grants	-	-	343.0	343.0	-	-	-	-	343.0	-	343.0	
Highway User Revenue Fund	149.2	15.8	35.0	50.8	-	-	-	-	50.8	-	200.0	
	149.2	15.8	378.0	393.8	-	-	-	-	393.8	-	543.0	
Speedway and Main Intersection Improvements												
Capital Agreement Fund: PAG	-	-	-	-	-	200.0	-	-	200.0	-	200.0	
	-	-	-	-	-	200.0	-	-	200.0	-	200.0	
Starr Pass Boulevard Improvements												
Highway User Revenue Fund	1,500.0	500.0	-	500.0	-	-	-	-	500.0	-	2,000.0	
	1,500.0	500.0	-	500.0	-	-	-	-	500.0	-	2,000.0	
Stone Avenue: 6th Street to Speedway												
Capital Agreement Fund: PAG	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Federal Highway Administration Grants	-	-	1,367.0	1,367.0	-	-	-	-	1,367.0	-	1,367.0	
Highway User Revenue Fund	-	-	140.0	140.0	-	-	-	-	140.0	-	140.0	
	-	-	1,657.0	1,657.0	-	-	-	-	1,657.0	-	1,657.0	
Stone Avenue: Pedestrian Safety Improvements												
Federal Highway Administration Grants	60.0	-	200.0	200.0	-	-	-	-	200.0	-	260.0	
Highway User Revenue Fund	3.5	-	12.5	12.5	-	-	-	-	12.5	-	16.0	
	63.5	-	212.5	212.5	-	-	-	-	212.5	-	276.0	
Stone Avenue: Speedway to Ft. Lowell Road												
Capital Agreement Fund: PAG	1,054.2	-	-	-	-	-	400.0	-	400.0	-	1,454.2	
	1,054.2	-	-	-	-	-	400.0	-	400.0	-	1,454.2	
Stone Avenue: Speedway/Drachman Improvements												
1994 Street and Highway Revenue Bond Funds	570.8	-	-	-	-	-	-	-	-	-	570.8	
Capital Agreement Fund: PAG	778.5	50.0	900.0	950.0	-	2,400.0	800.0	-	4,150.0	-	4,928.5	
	1,349.3	50.0	900.0	950.0	-	2,400.0	800.0	-	4,150.0	-	5,499.3	

Transportation - Streets

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tyndall Avenue: 6th Street to University Blvd												
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	
Wetmore Road: Fairview Road to Oracle Road												
1994 Street and Highway Revenue Bond Funds	526.9	400.3	-	400.3	-	-	-	-	400.3	-	927.2	
Highway User Revenue Fund	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0	
	527.0	400.3	600.0	1,000.3	-	-	-	-	1,000.3	-	1,527.3	
Program Area Total	30,660.1	3,069.1	35,560.7	38,629.8	33,644.0	11,000.0	12,978.0	1,150.0	97,401.8	-	128,061.9	
Source of Funds Summary												
1994 Street and Highway Revenue Bond Funds	1,441.2	400.3	-	400.3	-	-	-	-	400.3	-	1,841.5	
2000 Street and Highway Revenue Bond Funds	2,985.8	839.0	1,683.2	2,522.2	325.0	-	-	-	2,847.2	-	5,833.0	
Capital Agreement Fund	64.1	-	4,300.0	4,300.0	-	-	-	-	4,300.0	-	4,364.1	
Capital Agreement Fund: PAG	19,914.0	608.9	10,297.0	10,905.9	12,840.0	6,200.0	4,700.0	-	34,645.9	-	54,559.9	
Capital Agreement Fund: Pima County Bonds	-	-	1,000.0	1,000.0	1,000.0	-	-	-	2,000.0	-	2,000.0	
Federal Highway Administration Grants	699.3	-	10,746.0	10,746.0	12,399.0	3,050.0	6,507.0	-	32,702.0	-	33,401.3	
Highway User Revenue Fund	5,555.7	1,220.9	7,534.5	8,755.4	7,080.0	1,750.0	1,771.0	1,150.0	20,506.4	-	26,062.1	
Program Area Total	30,660.1	3,069.1	35,560.7	38,629.8	33,644.0	11,000.0	12,978.0	1,150.0	97,401.8	-	128,061.9	

Transportation - Streets

(\$000)

6th Avenue/18th Street Intersection Improvements										Project ID: S30J	
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.										Start Date: 7/99	
										End Date: 6/05	
Justification: These improvements will support downtown revitalization efforts by improving the traffic circulation along the southern gateway.										Location: Ward 5 (within Rio Nuevo District)	

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	346.8	-	-	-	-	-	-	-	-	-	-	346.8
Federal Highway Administration Grants	-	-	1,800.0	1,800.0	-	-	-	-	-	1,800.0	-	1,800.0
Highway User Revenue Fund	110.9	-	109.0	109.0	-	-	-	-	-	109.0	-	219.9
Total	457.7	-	1,909.0	1,909.0	-	-	-	-	-	1,909.0	-	2,366.7

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. Federal funding of \$1,861,000 may be transferred to the Mountain Avenue project if approved by the Pima Association of Governments.										Start Date: Annual	
										End Date: Annual	
Justification: These improvements will expand the bike path system and support the city's commitment to alternate modes of transportation.										Location: Citywide	

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	-	961.0	961.0	900.0	-	600.0	-	-	2,461.0	-	2,461.0
Highway User Revenue Fund	-	-	100.0	100.0	51.0	-	51.0	-	-	202.0	-	202.0
Total	-	-	1,061.0	1,061.0	951.0	-	651.0	-	-	2,663.0	-	2,663.0

Transportation - Streets

(\$000)

										Project ID: S215		
										Start Date: 7/00		
Anklam Road Traffic Safety Improvements 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.										End Date: 6/07		
										Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	20.0	-	-	-	-	-	-	-	-	-	-	20.0
Highway User Revenue Fund	-	-	450.0	450.0	450.0	450.0	-	-	-	1,350.0	-	1,350.0
Total	20.0	-	450.0	450.0	450.0	450.0	-	-	-	1,350.0	-	1,370.0

										Project ID: S30B		
										Start Date: 7/96		
Barraza-Aviation Parkway: 4th Avenue Underpass 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. Justification: These improvements will support downtown revitalization effort by improving automobile, pedestrian, and bicycle access from 4th Avenue to downtown.										End Date: 6/06		
										Location: Wards 1 and 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	1,673.4	-	7,950.0	7,950.0	11,700.0	-	-	-	-	19,650.0	-	21,323.4
Highway User Revenue Fund	103.7	-	-	-	-	-	-	-	-	-	-	103.7
Total	1,777.1	-	7,950.0	7,950.0	11,700.0	-	-	-	-	19,650.0	-	21,427.1

Transportation - Streets

(\$000)

Barraza-Aviation Parkway: Downtown, Phase III Description: Design and construct a six-lane divided roadway on St. Mary's Road/6th Street from Interstate 10 to Church Avenue. Improvements will include landscaping, street lighting, storm drainage, sidewalks, and neighborhood traffic mitigation. Justification: These improvements will complete the western terminus of the Barraza-Aviation Parkway.										Project ID: S30L Start Date: 7/02 End Date: 6/08 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	800.0	-	-	-	-	800.0	3,500.0	-	4,300.0	-	5,100.0	
Highway User Revenue Fund	-	-	-	-	500.0	-	-	-	500.0	-	500.0	
Total	800.0	-	-	-	500.0	800.0	3,500.0	-	4,800.0	-	5,600.0	

Barraza-Tucson Parkway: Arroyo Realignment Description: Conduct a realignment study and design concept report for the Tucson Arroyo from the entrance at 10th Street to the outfall at 6th Street west of Granada Avenue. Justification: This project will determine the most efficient alignment of the Tucson Arroyo through downtown.										Project ID: S30F Start Date: 7/98 End Date: 6/07 Location: Wards 1 and 6 (within Rio Nuevo District)		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	594.0	-	-	-	-	2,800.0	-	-	2,800.0	-	3,394.0	
Total	594.0	-	-	-	-	2,800.0	-	-	2,800.0	-	3,394.0	

Transportation - Streets

(\$000)

Barrio Anita Enhancements Description: Construct walkways along the Interstate 10 frontage road, including landscaping, rest areas, street lighting, and artistic treatments.										Project ID: S033 Start Date: 7/02 End Date: 6/05 Location: Ward 1		
Justification: These improvements, which are being made in conjunction with the Barrio Anita neighborhood, will mitigate the effects of recent Interstate 10 improvements.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	9.0	-	-	-	-	-	-	-	-	-	-	9.0
Federal Highway Administration Grants	639.3	-	-	-	-	-	-	-	-	-	-	639.3
Highway User Revenue Fund	19.0	10.0	-	10.0	-	-	-	-	-	10.0	-	29.0
Total	667.3	10.0	-	10.0	-	-	-	-	-	10.0	-	677.3

Broadway Boulevard Right-Turn and Transit Lane Description: Design and construct a right-turn and transit lane along Broadway Boulevard in front of the El Con Mall. Improvements will also be made to the existing street lighting system and the traffic signals at Dodge Boulevard and Palo Verde Road. These improvements are being made in partnership with the El Con Mall developer.										Project ID: S120 Start Date: 7/00 End Date: 6/06 Location: Ward 6 (within Rio Nuevo District)		
Justification: These improvements will improve traffic flow and safety.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	0.2	-	-	-	-	-	-	-	-	-	-	0.2
Highway User Revenue Fund	152.8	500.0	500.0	1,000.0	500.0	-	-	-	-	1,500.0	-	1,652.8
Total	153.0	500.0	500.0	1,000.0	500.0	-	-	-	-	1,500.0	-	1,653.0

Transportation - Streets

(\$000)

Bus-Related Roadway Improvements										Project ID: S240		
Description: Design and construct bus-related roadway improvements. Typical improvements will include construction of bus pull-outs at signalized intersections, installation of new bus shelters, and construction of new or improved access. This is a 2000 bond program master project, which had an original allocation of \$3 million. Funding is reallocated to specific projects as they are identified.										Start Date: 7/02		
										End Date: 6/06		
Justification: These improvements will improve traffic flow and access to transit service.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	1,010.0	300.0	-	300.0	325.0	-	-	-	625.0	-	1,635.0	
Total	1,010.0	300.0	-	300.0	325.0	-	-	-	625.0	-	1,635.0	

Capacity for 1997 Pima County Bond Projects										Project ID: S350		
Description: Budget capacity for the planning and design of 1997 Pima County bond projects that will be administered by the City of Tucson. Future capital budgets will provide additional information on the specific projects.										Start Date: NA		
										End Date: NA		
Justification: A Memorandum of Understanding between the City of Tucson and Pima County regarding the implementation of nine transportation projects has been approved by the two governing bodies. Two of these projects will be administered by the City of Tucson.										Location:		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: Pima County Bonds	-	-	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	

Transportation - Streets

(\$000)

Source of Funds:										Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
											Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund										-	-	4,300.0	4,300.0	-	-	-	-	4,300.0	-	4,300.0	
Capital Agreement Fund: PAG										80.0	200.0	-	200.0	-	-	-	-	200.0	-	280.0	
Total										80.0	200.0	4,300.0	4,500.0	-	-	-	-	4,500.0	-	4,580.0	

Source of Funds:										Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
											Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds										212.9	-	-	-	-	-	-	-	-	-	-	212.9
Capital Agreement Fund: PAG										181.0	258.9	-	258.9	200.0	-	-	-	458.9	-	639.9	
Highway User Revenue Fund										365.8	-	-	-	-	-	-	-	-	-	365.8	
Total										759.6	258.9	-	258.9	200.0	-	-	-	458.9	-	1,218.5	

Project ID: S193

Start Date: 7/02

End Date: 6/05

Location: Ward 4

Cienega Road Improvements

Description:

Design and construct a two-lane roadway between Houghton Road and Cienega High School. This roadway will eliminate a circuitous route between the residential developments along Houghton Road and the Vail School District schools on Vail Road. Funding of \$4.3 million is contingent upon negotiations with the school district and developers.

Justification:

This roadway is necessary to reduce travel times and mileages for students and buses traveling between the residential developments along Houghton Road and the schools along Vail Road.

Downtown Pedestrian Implementation

Description:

Design and construct pedestrian improvements downtown. Funding in Fiscal Year 2005 will complete improvements on Scott Avenue. Funding in Fiscal Year 2006 is for improvements along Alameda Street.

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: 6/06

Location: Wards 1, 5, and 6
(within Rio Nuevo District)

Transportation - Streets

(\$000)

Grant and Craycroft Intersection Improvements										Project ID: S14U		
Description: Design and construct intersection improvements, including reconstruction of signalized intersection, construction of right turn lanes, and installation of new traffic signal equipment.										Start Date: 7/03		
										End Date: 6/05		
Justification: These improvements will improve traffic flow and increase roadway carrying capacity.										Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	130.6	-	-	-	-	-	-	-	-	-	-	130.6
2000 Street and Highway Revenue Bond Funds	375.0	-	1,450.4	1,450.4	-	-	-	-	-	1,450.4	-	1,825.4
Total	505.6	-	1,450.4	1,450.4	-	-	-	-	-	1,450.4	-	1,956.0

Grant Road and Campbell Intersection Improvement										Project ID: S137		
Description: Design and construct roadway capacity improvements to Campbell Avenue between Grant Road and Elm Street. Improvements include a six-lane divided roadway, landscaped buffers, neighborhood frontage roads, storm drains, street lighting, new traffic signals, and necessary right-of way acquisition.										Start Date: 7/98		
										End Date: 6/05		
Justification: These improvements will improve traffic safety, increase roadway carrying capacity, and decrease the number of vehicles cutting through the neighborhood.										Location: Wards 3 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	13,511.1	100.0	-	100.0	-	-	-	-	-	100.0	-	13,611.1
Total	13,511.1	100.0	-	100.0	-	-	-	-	-	100.0	-	13,611.1

Transportation - Streets

(\$000)

Harrison Road: Speedway to Old Spanish Trail Description: Design and construct a four-lane divided arterial roadway with curbs, sidewalks, storm drains, street lighting, bike lanes, and landscaping.										Project ID: S025 Start Date: 7/01 End Date: 6/07 Location: Ward 2		
Justification: These improvements will improve traffic safety and increase roadway carrying capacity.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	1,199.9	-	-	-	-	-	-	-	-	-	-	1,199.9
Capital Agreement Fund: PAG	500.0	-	560.0	560.0	940.0	-	-	-	-	1,500.0	-	2,000.0
Federal Highway Administration Grants	-	-	-	-	8,353.0	2,250.0	-	-	-	10,603.0	-	10,603.0
Highway User Revenue Fund	230.0	-	-	-	-	-	-	-	-	-	-	230.0
Total	1,929.9	-	560.0	560.0	9,293.0	2,250.0	-	-	-	12,103.0	-	14,032.9

Highland Avenue Bike and Pedestrian Improvements Description: Design and construct streetscape improvements along Highland Avenue from 6th Street to Barraza-Aviation Parkway. Improvements will include sidewalks, bike lanes, median landscaping, and street lighting.										Project ID: S149 Start Date: 3/99 End Date: 6/05 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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	-	13.0
Federal Highway Administration Grants	-	-	940.0	940.0	-	-	-	-	-	940.0	-	940.0
Highway User Revenue Fund	267.6	100.0	57.0	157.0	-	-	-	-	-	157.0	-	424.6
Total	280.6	100.0	997.0	1,097.0	-	-	-	-	-	1,097.0	-	1,377.6

Transportation - Streets

(\$000)

Miscellaneous Developer-Funded Improvements Description: Design and construct improvements within the public right-of-way. Funding for this project is from in-lieu fees paid by developers. Justification: This project provides budget capacity for developer-funded improvements.										Project ID: S183 Start Date: Annual End Date: Annual Location: To be determined		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	-	-	600.0	600.0	600.0	600.0	600.0	600.0	3,000.0	-	3,000.0	
Total	-	-	600.0	600.0	600.0	600.0	600.0	600.0	3,000.0	-	3,000.0	

Miscellaneous On-Call Street Improvements Description: 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. Also includes \$50,000 of budget capacity for local matches if grants are secured for transportation enhancements. Justification: This project ensures that the integrity of the roadway system is maintained.										Project ID: S100 Start Date: Annual End Date: Annual Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	-	-	1,050.0	1,050.0	1,050.0	550.0	550.0	550.0	3,750.0	-	3,750.0	
Total	-	-	1,050.0	1,050.0	1,050.0	550.0	550.0	550.0	3,750.0	-	3,750.0	

Transportation - Streets

(\$000)

Mountain Avenue: Roger Road to Ft. Lowell Road 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. Federal funding of \$1,861,000 is being pursued. If it is received, the project cost will remain the same, but the amount of funding from the Highway User Revenue Fund will be reduced a like amount. 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.										Project ID: S022 Start Date: 7/99 End Date: 6/06 Location: Ward 3		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	998.9	-	3,500.0	3,500.0	3,500.0	-	-	-	7,000.0	-	7,998.9	
Total	998.9	-	3,500.0	3,500.0	3,500.0	-	-	-	7,000.0	-	7,998.9	

Nogales Highway Pedestrian Crossing Description: Design and construct a pedestrian and bicycle crossing across Nogales Highway south of Irvington Road. Justification: This crossing will link the El Pueblo Center with Rodeo Park.										Project ID: S319 Start Date: 7/98 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	8.9	-	-	-	-	-	-	-	-	-	8.9	
Highway User Revenue Fund	205.5	-	150.0	150.0	-	-	-	-	150.0	-	355.5	
Total	214.4	-	150.0	150.0	-	-	-	-	150.0	-	364.4	

Transportation - Streets

(\$000)

Park and Euclid Bicycle and Pedestrian Bridge 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.								Project ID: S30E Start Date: 7/98 End Date: 6/05 Location: Ward 5 (within Rio Nuevo District)		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	90.0	-	-	-	-	-	-	-	-	-	-	90.0
Capital Agreement Fund: PAG	394.9	-	-	-	-	-	-	-	-	-	-	394.9
Federal Highway Administration Grants	-	-	856.0	856.0	-	-	-	-	856.0	-	-	856.0
Highway User Revenue Fund	30.8	95.1	-	95.1	-	-	-	-	95.1	-	-	125.9
Total	515.7	95.1	856.0	951.1	-	-	-	-	951.1	-	-	1,466.8

Pedestrian Improvements Description: Design and construct pedestrian improvements, including installation of curb access ramps and missing sidewalk segments, and the repair of damaged sidewalks. This is a 2000 bond program master project; funds are drawn down as individual projects are identified. The original bond allocation for this project was \$2 million. Justification: This project supports the city's commitment to alternate modes of transportation.								Project ID: S230 Start Date: 7/02 End Date: 6/05 Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	289.0	539.0	232.8	771.8	-	-	-	-	771.8	-	-	1,060.8
Total	289.0	539.0	232.8	771.8	-	-	-	-	771.8	-	-	1,060.8

Transportation - Streets

(\$000)

										Project ID: S108		
										Start Date: 7/02		
										End Date: 6/08		
										Location: Citywide		
Road Resurfacing, Restoration, & Rehabilitation Description: Resurface, restore, and rehabilitate pavements on eligible streets. Justification: These improvements will maintain safe roadway surfaces and structural integrity.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	-	3,330.0	3,330.0	2,646.0	800.0	5,907.0	-	12,683.0	-	12,683.0	
Highway User Revenue Fund	1,397.9	-	201.0	201.0	400.0	150.0	570.0	-	1,321.0	-	2,718.9	
Total	1,397.9	-	3,531.0	3,531.0	3,046.0	950.0	6,477.0	-	14,004.0	-	15,401.9	
South 10th Avenue Bike & Pedestrian Enhancement Description: Design and construct streetscape and traffic calming improvements in conjunction with the HOPE VI housing redevelopment along South 10th Avenue between 19th and 22nd Streets. Improvements will include sidewalks, landscaping, bike lanes, on-street parking, and enhanced pedestrian crossings. Justification: This project will complete redevelopment of old Connie Chambers public housing units.										Project ID: S184		
										Start Date: 7/03		
										End Date: 6/05		
										Location: Ward 5		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009						
Capital Agreement Fund: PAG	-	-	737.0	737.0	-	-	-	-	737.0	-	737.0	
Federal Highway Administration Grants	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0	
Total	-	-	1,237.0	1,237.0	-	-	-	-	1,237.0	-	1,237.0	

Transportation - Streets

(\$000)

South 10th Avenue Revitalization Description: Design and construct landscape improvements on South 10th Avenue between 22nd Street and 29th Street. This work is being performed in conjunction with the City of South Tucson. Justification: This project will complete South Tucson's recent upgrade of South 10th Avenue.										Project ID: S185 Start Date: 7/03 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	35.0	-	-	-	-	-	-	-	-	-	-	35.0
Federal Highway Administration Grants	-	-	449.0	449.0	-	-	-	-	-	449.0	-	449.0
Highway User Revenue Fund	20.0	-	30.0	30.0	-	-	-	-	-	30.0	-	50.0
Total	55.0	-	479.0	479.0	-	-	-	-	-	479.0	-	534.0

South 4th Avenue Streetscape Enhancement Description: Design and construct pedestrian improvements along south 4th Avenue between 22nd Street and the South Tucson city limits. Improvements will include sidewalks, landscaping, and roadway curvature similar to the roadway alignment within South Tucson. Justification: This project satisfies the requirements of a Federal Transportation Enhancement grant.										Project ID: S177 Start Date: 7/03 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	-	343.0	343.0	-	-	-	-	-	343.0	-	343.0
Highway User Revenue Fund	149.2	15.8	35.0	50.8	-	-	-	-	-	50.8	-	200.0
Total	149.2	15.8	378.0	393.8	-	-	-	-	-	393.8	-	543.0

Transportation - Streets

(\$000)

Speedway and Main Intersection Improvements Description: Reconstruct the intersection to include two left turning lanes from southbound Main to eastbound Speedway. Justification: The project at the Oracle/Drachman/Main intersection will generate additional traffic at this location. This project will help improve the traffic flow and increase roadway carrying capacity at this intersection and at the Stone and Speedway intersection.										Project ID: S179 Start Date: 7/06 End Date: 6/07 Location: Wards 1 and 6		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	-	-	-	-	-	200.0	-	-	200.0	-	200.0	
Total	-	-	-	-	-	200.0	-	-	200.0	-	200.0	

Starr Pass Boulevard Improvements Description: Design and construct roadway improvements in the vicinity of Starr Pass Boulevard and Players Club Drive. Justification: These improvements will extend public access along Starr Pass Boulevard.										Project ID: S213 Start Date: 7/02 End Date: 6/05 Location: Ward 1		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	1,500.0	500.0	-	500.0	-	-	-	-	500.0	-	2,000.0	
Total	1,500.0	500.0	-	500.0	-	-	-	-	500.0	-	2,000.0	

Transportation - Streets

(\$000)

Stone Avenue: 6th Street to Speedway Description: Construct pedestrian and landscape features, including sidewalks and seating areas; reconstruct and resurface the roadway to include bicycle lanes and landscaped median islands for traffic calming. Justification: The amenities provided by this project will encourage private investment and redevelopment along the Stone Avenue corridor.										Project ID: S182 Start Date: 7/04 End Date: 6/05 Location: Ward 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Federal Highway Administration Grants	-	-	1,367.0	1,367.0	-	-	-	-	1,367.0	-	1,367.0	
Highway User Revenue Fund	-	-	140.0	140.0	-	-	-	-	140.0	-	140.0	
Total	-	-	1,657.0	1,657.0	-	-	-	-	1,657.0	-	1,657.0	

Stone Avenue: Pedestrian Safety Improvements Description: Construct three landscaped median islands on Stone Avenue between Roger Road and Limberlost. Justification: These traffic mitigation measures will reduce travel speeds through the Stone Avenue curves and improve pedestrian safety at this location.										Project ID: S181 Start Date: 7/03 End Date: 6/05 Location: Ward 3		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	60.0	-	200.0	200.0	-	-	-	-	200.0	-	260.0	
Highway User Revenue Fund	3.5	-	12.5	12.5	-	-	-	-	12.5	-	16.0	
Total	63.5	-	212.5	212.5	-	-	-	-	212.5	-	276.0	

Transportation - Streets

(\$000)

Stone Avenue: Speedway to Ft. Lowell Road									Project ID: S216			
Description: Design and construct traffic signals, bus pullouts, street lighting, sidewalks, bike paths, streetscape and public art, and landscaping along this segment of the Stone Avenue corridor.									Start Date: 7/01			
									End Date: 6/08			
Justification: This project will continue the city's commitment to revitalization of the Stone Avenue corridor.									Location: Wards 1, 3, and 6 (within Rio Nuevo District)			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	1,054.2	-	-	-	-	-	400.0	-	400.0	-	1,454.2	
Total	1,054.2	-	-	-	-	-	400.0	-	400.0	-	1,454.2	

Stone Avenue: Speedway/Drachman Improvements									Project ID: S14W			
Description: Design and construct gateway improvements at Speedway Boulevard and Stone Avenue. The gap in funding is due to the availability of regional funds.									Start Date: 7/00			
									End Date: 6/08			
Justification: These improvements will enhance the northern gateway into downtown.									Location: Wards 1, 3, and 6			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	570.8	-	-	-	-	-	-	-	-	-	570.8	
Capital Agreement Fund: PAG	778.5	50.0	900.0	950.0	-	2,400.0	800.0	-	4,150.0	-	4,928.5	
Total	1,349.3	50.0	900.0	950.0	-	2,400.0	800.0	-	4,150.0	-	5,499.3	

Transportation - Streets

(\$000)

										Project ID: S195		
										Start Date: 7/05		
Tyndall Avenue: 6th Street to University Blvd Description: Design and construct bicycle and pedestrian improvements, including sidewalks, bicycle lanes, handicap ramps, and streetscape.										End Date: 6/06		
										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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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

										Project ID: S249		
										Start Date: 1/90		
Wetmore Road: Fairview Road to Oracle Road Description: Design and construct a five-lane urban roadway, including curb and sidewalk improvements. This project will complete the Wetmore Road/Ruthrauff Road corridor improvements between Interstate 10 and First Avenue.										End Date: 6/05		
										Location: Ward 3		
Justification: These improvements are needed to reduce traffic congestion and increase traffic safety.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	526.9	400.3	-	400.3	-	-	-	-	-	400.3	-	927.2
Highway User Revenue Fund	0.0	-	600.0	600.0	-	-	-	-	-	600.0	-	600.0
Total	527.0	400.3	600.0	1,000.3	-	-	-	-	-	1,000.3	-	1,527.3

Transportation - Drainage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Alamo Wash Drainage Improvements												
2000 General Obligation Bond Funds	50.0	-	450.0	450.0	1,600.0	700.0	-	-	2,750.0	-	2,800.0	
	50.0	-	450.0	450.0	1,600.0	700.0	-	-	2,750.0	-	2,800.0	
Arroyo Chico Drainage Improvements												
2000 General Obligation Bond Funds	1,808.0	3,630.1	1,042.0	4,672.1	-	-	-	-	4,672.1	-	6,480.1	
	1,808.0	3,630.1	1,042.0	4,672.1	-	-	-	-	4,672.1	-	6,480.1	
Columbus Wash Drainage Relief, Phase II												
2000 General Obligation Bond Funds	865.4	-	3,504.4	3,504.4	-	-	-	-	3,504.4	-	4,369.8	
Capital Agreement Fund: Pima County Contribution	-	-	-	-	2,000.0	-	-	-	2,000.0	-	2,000.0	
	865.4	-	3,504.4	3,504.4	2,000.0	-	-	-	5,504.4	-	6,369.8	
El Vado Wash Drainage Improvements												
2000 General Obligation Bond Funds	802.7	1,447.3	500.0	1,947.3	-	-	-	-	1,947.3	-	2,750.0	
	802.7	1,447.3	500.0	1,947.3	-	-	-	-	1,947.3	-	2,750.0	
Jefferson Park Drainage Improvements												
2000 General Obligation Bond Funds	290.6	-	1,048.4	1,048.4	-	-	-	-	1,048.4	-	1,339.0	
Capital Agreement Fund	500.0	-	-	-	-	-	-	-	-	-	500.0	
	790.6	-	1,048.4	1,048.4	-	-	-	-	1,048.4	-	1,839.0	
Miscellaneous Drainage Improvement Program												
2000 General Obligation Bond Funds	378.3	250.0	539.0	789.0	-	-	-	-	789.0	-	1,167.3	
2000 General Obligation Bond Funds - Interest	-	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0	
	378.3	250.0	2,039.0	2,289.0	-	-	-	-	2,289.0	-	2,667.3	
Mission View Wash Detention/Retention Facility												
2000 General Obligation Bond Funds	-	-	700.0	700.0	700.0	-	-	-	1,400.0	-	1,400.0	
	-	-	700.0	700.0	700.0	-	-	-	1,400.0	-	1,400.0	

Transportation - Drainage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Park Avenue Detention Basin												
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	-	781.1
2000 General Obligation Bond Funds	100.0	150.0	-	150.0	-	-	-	-	-	150.0	-	250.0
	881.1	150.0	-	150.0	-	-	-	-	-	150.0	-	1,031.1
Santa Cruz River Park Extension												
1994 General Obligation Bond Funds	185.6	-	-	-	-	-	-	-	-	-	-	185.6
2000 General Obligation Bond Funds	48.5	-	580.1	580.1	-	-	-	-	-	580.1	-	628.6
Miscellaneous Non-Federal Grants	435.0	-	-	-	-	-	-	-	-	-	-	435.0
	669.2	-	580.1	580.1	-	-	-	-	-	580.1	-	1,249.3
Stormwater Quality Program												
2000 General Obligation Bond Funds	229.7	-	470.3	470.3	-	-	-	-	-	470.3	-	700.0
	229.7	-	470.3	470.3	-	-	-	-	-	470.3	-	700.0
Program Area Total	6,475.0	5,477.4	10,334.2	15,811.6	4,300.0	700.0	-	-	-	20,811.6	-	27,286.6
Source of Funds Summary												
1994 General Obligation Bond Funds	966.8	-	-	-	-	-	-	-	-	-	-	966.8
2000 General Obligation Bond Funds	4,573.2	5,477.4	8,834.2	14,311.6	2,300.0	700.0	-	-	-	17,311.6	-	21,884.8
2000 General Obligation Bond Funds - Interest	-	-	1,500.0	1,500.0	-	-	-	-	-	1,500.0	-	1,500.0
Capital Agreement Fund	500.0	-	-	-	-	-	-	-	-	-	-	500.0
Capital Agreement Fund: Pima County Contribution	-	-	-	-	2,000.0	-	-	-	-	2,000.0	-	2,000.0
Miscellaneous Non-Federal Grants	435.0	-	-	-	-	-	-	-	-	-	-	435.0
Program Area Total	6,475.0	5,477.4	10,334.2	15,811.6	4,300.0	700.0	-	-	-	20,811.6	-	27,286.6

Transportation - Drainage

(\$000)

Alamo Wash Drainage Improvements										Project ID: S080		
Description: Design and construct drainage improvements to Van Buren and Sahuara Avenues north of 5th Street, which serve as tributaries to the Alamo Wash.										Start Date: 7/03		
										End Date: 6/07		
Justification: These improvements were identified as high priorities in the Tucson Stormwater Management Study.										Location: Wards 2 and 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	50.0	-	450.0	450.0	1,600.0	700.0	-	-	2,750.0	-	2,800.0	
Total	50.0	-	450.0	450.0	1,600.0	700.0	-	-	2,750.0	-	2,800.0	

Arroyo Chico Drainage Improvements										Project ID: S040		
Description: Design and construct drainage improvements on Timrod Street between Alvernon Way and Columbus Boulevard, and along Columbus Boulevard and Rosemont Avenue.										Start Date: 7/01		
										End Date: 6/05		
Justification: These improvements were identified as high priorities in the Tucson Stormwater Management Study.										Location: Ward 6 (within Rio Nuevo District)		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	1,808.0	3,630.1	1,042.0	4,672.1	-	-	-	-	4,672.1	-	6,480.1	
Total	1,808.0	3,630.1	1,042.0	4,672.1	-	-	-	-	4,672.1	-	6,480.1	

Transportation - Drainage

(\$000)

Columbus Wash Drainage Relief, Phase II 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 \$2 million. Justification: When the project is completed, the floodplain map will be revised and numerous properties will no longer be within the floodplain boundaries.										Project ID: S407 Start Date: 7/01 End Date: 6/06 Location: Ward 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	865.4	-	3,504.4	3,504.4	-	-	-	-	3,504.4	-	4,369.8	
Capital Agreement Fund: Pima County Contribution	-	-	-	-	2,000.0	-	-	-	2,000.0	-	2,000.0	
Total	865.4	-	3,504.4	3,504.4	2,000.0	-	-	-	5,504.4	-	6,369.8	

El Vado Wash Drainage Improvements Description: Design and construct an enlarged channel section from Missiondale Road to 12th Avenue. This project has been combined with the Los Reales and 6th Avenue Drainage Improvements project listed in the May 2000 Bond Program. Work on this project will be coordinated with a separate project being proposed by the U.S. Army Corps of Engineers. Justification: These improvements were identified as high priorities in the Tucson Stormwater Management Study.										Project ID: S038 Start Date: 7/01 End Date: 6/05 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	802.7	1,447.3	500.0	1,947.3	-	-	-	-	1,947.3	-	2,750.0	
Total	802.7	1,447.3	500.0	1,947.3	-	-	-	-	1,947.3	-	2,750.0	

Transportation - Drainage

(\$000)

Jefferson Park Drainage Improvements										Project ID: S08A		
Description: Design and construct drainage improvements in and around the Jefferson Park neighborhood, which is located directly north of the University Medical Center. The University of Arizona will be approached to participate in the funding of this project.										Start Date: 7/02 End Date: 6/05		
Justification: These improvements will provide drainage relief to residential properties.										Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	290.6	-	1,048.4	1,048.4	-	-	-	-	-	1,048.4	-	1,339.0
Capital Agreement Fund	500.0	-	-	-	-	-	-	-	-	-	-	500.0
Total	790.6	-	1,048.4	1,048.4	-	-	-	-	-	1,048.4	-	1,839.0

Miscellaneous Drainage Improvement Program										Project ID: S084		
Description: Design and construct miscellaneous drainage improvements.										Start Date: 7/01 End Date: 6/05		
Justification: These improvements will provide drainage relief.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	378.3	250.0	539.0	789.0	-	-	-	-	-	789.0	-	1,167.3
2000 General Obligation Bond Funds - Interest	-	-	1,500.0	1,500.0	-	-	-	-	-	1,500.0	-	1,500.0
Total	378.3	250.0	2,039.0	2,289.0	-	-	-	-	-	2,289.0	-	2,667.3

Transportation - Drainage

(\$000)

Mission View Wash Detention/Retention Facility Description: Design and construct a stormwater detention/retention facility on a vacant parcel located southeast of the intersection of 36th Street and Park Avenue, augmenting a Pima County bond project. Justification: This project was identified as a high priority in the Tucson Stormwater Management Study.										Project ID: S051 Start Date: 7/04 End Date: 6/06 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	-	-	700.0	700.0	700.0	-	-	-	1,400.0	-	1,400.0	
Total	-	-	700.0	700.0	700.0	-	-	-	1,400.0	-	1,400.0	

Park Avenue Detention Basin 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. 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.										Project ID: S400 Start Date: 7/97 End Date: 6/05 Location: Wards 1, 5, and 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	781.1	-	-	-	-	-	-	-	-	-	781.1	
2000 General Obligation Bond Funds	100.0	150.0	-	150.0	-	-	-	-	150.0	-	250.0	
Total	881.1	150.0	-	150.0	-	-	-	-	150.0	-	1,031.1	

Transportation - Drainage

(\$000)

Santa Cruz River Park Extension Description: Design and construct a 50-acre riparian and upland habitat project on city-owned property. Justification: This project will create opportunities for the public to learn about riparian and upland habitats, their historical significance, and cultural influences.										Project ID: S398 Start Date: 7/98 End Date: 6/05 Location: Ward 1 (within Rio Nuevo District)		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 General Obligation Bond Funds	185.6	-	-	-	-	-	-	-	-	-	-	185.6
2000 General Obligation Bond Funds	48.5	-	580.1	580.1	-	-	-	-	-	580.1	-	628.6
Miscellaneous Non-Federal Grants	435.0	-	-	-	-	-	-	-	-	-	-	435.0
Total	669.2	-	580.1	580.1	-	-	-	-	-	580.1	-	1,249.3

Stormwater Quality Program Description: Modify and retrofit city-owned facilities. Justification: These improvements are necessary to meet federal and state stormwater quality regulations and permit requirements.										Project ID: S003 Start Date: 7/00 End Date: 6/05 Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	229.7	-	470.3	470.3	-	-	-	-	-	470.3	-	700.0
Total	229.7	-	470.3	470.3	-	-	-	-	-	470.3	-	700.0

Transportation - Street Lighting

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1st Avenue: Prince Road to River Road												
2000 General Obligation Bond Funds	181.0	270.0	-	270.0	-	-	-	-	270.0	-	451.0	
Special Assessments Construction Fund	-	120.0	-	120.0	-	-	-	-	120.0	-	120.0	
	181.0	390.0	-	390.0	-	-	-	-	390.0	-	571.0	
Campbell Avenue: Roger Road to River Road												
2000 General Obligation Bond Funds	200.8	15.2	100.0	115.2	-	-	-	-	115.2	-	316.0	
Special Assessments Construction Fund	83.0	-	-	-	-	-	-	-	-	-	83.0	
	283.8	15.2	100.0	115.2	-	-	-	-	115.2	-	399.0	
Life Extensions and Electrical Upgrades												
Highway User Revenue Fund	10.1	-	398.0	398.0	500.0	500.0	500.0	500.0	2,398.0	-	2,408.1	
	10.1	-	398.0	398.0	500.0	500.0	500.0	500.0	2,398.0	-	2,408.1	
Neighborhood District Lighting Improvements												
Highway User Revenue Fund	-	-	140.0	140.0	145.0	145.0	145.0	145.0	720.0	-	720.0	
Special Assessments Construction Fund	-	-	340.0	340.0	350.0	350.0	350.0	350.0	1,740.0	-	1,740.0	
	-	-	480.0	480.0	495.0	495.0	495.0	495.0	2,460.0	-	2,460.0	
Nogales Highway: Drexel to Irvington												
2000 General Obligation Bond Funds	225.0	-	100.0	100.0	-	-	-	-	100.0	-	325.0	
Special Assessments Construction Fund	97.0	-	-	-	-	-	-	-	-	-	97.0	
	322.0	-	100.0	100.0	-	-	-	-	100.0	-	422.0	

Transportation - Street Lighting

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Park Avenue Lighting: Valencia to Irvington												
2000 General Obligation Bond Funds	320.0	-	200.0	200.0	-	-	-	-	200.0	-	520.0	
Special Assessments Construction Fund	156.0	-	-	-	-	-	-	-	-	-	156.0	
	476.0	-	200.0	200.0	-	-	-	-	200.0	-	676.0	
Program Area Total	1,272.9	405.2	1,278.0	1,683.2	995.0	995.0	995.0	995.0	5,663.2	-	6,936.1	
Source of Funds Summary												
2000 General Obligation Bond Funds	926.8	285.2	400.0	685.2	-	-	-	-	685.2	-	1,612.0	
Highway User Revenue Fund	10.1	-	538.0	538.0	645.0	645.0	645.0	645.0	3,118.0	-	3,128.1	
Special Assessments Construction Fund	336.0	120.0	340.0	460.0	350.0	350.0	350.0	350.0	1,860.0	-	2,196.0	
Program Area Total	1,272.9	405.2	1,278.0	1,683.2	995.0	995.0	995.0	995.0	5,663.2	-	6,936.1	

Transportation - Street Lighting

(\$000)

Life Extensions and Electrical Upgrades										Project ID: S734		
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; and replace outdated street lighting control cabinets.										Start Date: Annual		
										End Date: Annual		
Justification: By replacing substandard lighting fixtures and providing uniformity within the city's street lighting system, this project will simplify maintenance requirements.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	10.1	-	398.0	398.0	500.0	500.0	500.0	500.0	2,398.0	-	2,408.1	
Total	10.1	-	398.0	398.0	500.0	500.0	500.0	500.0	2,398.0	-	2,408.1	

Neighborhood District Lighting Improvements										Project ID: S601		
Description: Design and construct neighborhood district lighting improvements.										Start Date: Annual		
										End Date: Annual		
Justification: These improvements are made in response to successful petitions by neighborhood residents.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	-	-	140.0	140.0	145.0	145.0	145.0	145.0	720.0	-	720.0	
Special Assessments Construction Fund	-	-	340.0	340.0	350.0	350.0	350.0	350.0	1,740.0	-	1,740.0	
Total	-	-	480.0	480.0	495.0	495.0	495.0	495.0	2,460.0	-	2,460.0	

Transportation - Street Lighting

(\$000)

										Project ID: S078		
										Start Date: 7/01		End Date: 6/05
Nogales Highway: Drexel to Irvington Description: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.										Location: Ward 5		
Justification: This is the 27th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase III.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	225.0	-	100.0	100.0	-	-	-	-	100.0	-	325.0	
Special Assessments Construction Fund	97.0	-	-	-	-	-	-	-	-	-	97.0	
Total	322.0	-	100.0	100.0	-	-	-	-	100.0	-	422.0	

										Project ID: S072		
										Start Date: 7/01		End Date: 6/05
Park Avenue Lighting: Valencia to Irvington Description: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.										Location: Ward 5		
Justification: This is the 26th highest priority roadway segment, based on the Comprehensive Roadway Illumination Study, Phase III.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds	320.0	-	200.0	200.0	-	-	-	-	200.0	-	520.0	
Special Assessments Construction Fund	156.0	-	-	-	-	-	-	-	-	-	156.0	
Total	476.0	-	200.0	200.0	-	-	-	-	200.0	-	676.0	

Transportation - Traffic Signals

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Changeable Message Traffic Signs												
Capital Agreement Fund: PAG	-	-	-	-	-	-	150.0	-	150.0	-	150.0	
	-	-	-	-	-	-	150.0	-	150.0	-	150.0	
Communication System Improvements												
Federal Highway Administration Grants	-	-	250.0	250.0	1,000.0	-	200.0	-	1,450.0	-	1,450.0	
Highway User Revenue Fund	-	-	16.0	16.0	117.0	-	12.0	-	145.0	-	145.0	
	-	-	266.0	266.0	1,117.0	-	212.0	-	1,595.0	-	1,595.0	
Emergency Preemption System Expansion												
2000 Street and Highway Revenue Bond Funds	18.0	-	-	-	-	-	-	-	-	-	18.0	
Capital Agreement Fund: PAG	20.0	-	-	-	-	-	-	-	-	-	20.0	
Federal Highway Administration Grants	-	-	-	-	-	-	325.0	-	325.0	-	325.0	
Highway User Revenue Fund	-	-	-	-	-	-	20.0	-	20.0	-	20.0	
	38.0	-	-	-	-	-	345.0	-	345.0	-	383.0	
Freeway Management System												
Capital Agreement Fund	200.0	400.0	-	400.0	-	-	-	-	400.0	-	600.0	
	200.0	400.0	-	400.0	-	-	-	-	400.0	-	600.0	
Golf Links At Bonanza Traffic Signal												
2000 Street and Highway Revenue Bond Funds	50.0	-	-	-	-	-	-	-	-	-	50.0	
Capital Agreement Fund	13.1	86.9	-	86.9	-	-	-	-	86.9	-	100.0	
	63.1	86.9	-	86.9	-	-	-	-	86.9	-	150.0	
Intelligent Transportation System Improvements												
1994 Street and Highway Revenue Bond Funds	0.1	41.8	-	41.8	-	-	-	-	41.8	-	41.9	
2000 Street and Highway Revenue Bond Funds	-	220.0	-	220.0	-	-	-	-	220.0	-	220.0	
Capital Agreement Fund	73.4	-	-	-	-	-	-	-	-	-	73.4	
Federal Highway Administration Grants	-	175.0	-	175.0	-	-	-	-	175.0	-	175.0	
	73.5	436.8	-	436.8	-	-	-	-	436.8	-	510.3	

Transportation - Traffic Signals

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Intelligent Transportation System: ER Link												
Federal Highway Administration Grants	200.0	300.0	-	300.0	400.0	505.7	-	-	1,205.7	-	1,405.7	
	200.0	300.0	-	300.0	400.0	505.7	-	-	1,205.7	-	1,405.7	
Intelligent Transportation Systems: Connections												
Federal Highway Administration Grants	-	75.0	75.0	150.0	140.0	-	-	-	290.0	-	290.0	
Highway User Revenue Fund	-	5.0	5.0	10.0	35.0	-	-	-	45.0	-	45.0	
	-	80.0	80.0	160.0	175.0	-	-	-	335.0	-	335.0	
Irvington at Calle Santa Cruz Traffic Signal												
2000 Street and Highway Revenue Bond Funds	45.5	-	-	-	-	-	-	-	-	-	45.5	
Capital Agreement Fund	33.6	116.4	-	116.4	-	-	-	-	116.4	-	150.0	
	79.1	116.4	-	116.4	-	-	-	-	116.4	-	195.5	
Living Transportation Laboratory Improvements												
Federal Highway Administration Grants	-	-	-	-	125.0	-	500.0	-	625.0	-	625.0	
Highway User Revenue Fund	-	-	-	-	8.0	-	30.0	-	38.0	-	38.0	
	-	-	-	-	133.0	-	530.0	-	663.0	-	663.0	
Machine Vision Video Detection System Upgrades												
2000 Street and Highway Revenue Bond Funds	628.0	300.0	330.0	630.0	211.9	-	-	-	841.9	-	1,469.9	
	628.0	300.0	330.0	630.0	211.9	-	-	-	841.9	-	1,469.9	
Miscellaneous Traffic Improvements												
2000 Street and Highway Revenue Bond Funds	91.0	21.0	-	21.0	-	-	-	-	21.0	-	112.0	
Capital Agreement Fund	-	18.8	-	18.8	-	-	-	-	18.8	-	18.8	
Highway User Revenue Fund	35.4	-	-	-	-	-	-	-	-	-	35.4	
	126.4	39.8	-	39.8	-	-	-	-	39.8	-	166.2	

Transportation - Traffic Signals

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Roger Road and Fairview Avenue Traffic Signal												
1994 Street and Highway Revenue Bond Funds	75.0	-	-	-	-	-	-	-	-	-	-	75.0
2000 Street and Highway Revenue Bond Funds	-	127.0	-	127.0	-	-	-	-	-	127.0	-	127.0
Capital Agreement Fund: Pima County Contribution	0.1	54.3	155.0	209.3	-	-	-	-	-	209.3	-	209.4
Highway User Revenue Fund	12.9	45.1	-	45.1	-	-	-	-	-	45.1	-	58.0
	87.9	226.4	155.0	381.4	-	-	-	-	-	381.4	-	469.3
School Flasher Construction												
1994 Street and Highway Revenue Bond Funds	7.1	-	-	-	-	-	-	-	-	-	-	7.1
2000 Street and Highway Revenue Bond Funds	121.7	50.0	47.0	97.0	-	-	-	-	-	97.0	-	218.7
Capital Agreement Fund	25.6	160.5	115.0	275.5	115.0	115.0	115.0	115.0	115.0	735.5	-	761.1
Highway User Revenue Fund	49.3	-	-	-	-	-	-	-	-	-	-	49.3
	203.7	210.5	162.0	372.5	115.0	115.0	115.0	115.0	115.0	832.5	-	1,036.2
Tanque Verde/Paseo Rancho Esperanza Signal												
Highway User Revenue Fund	20.0	-	-	-	250.0	250.0	-	-	-	500.0	-	520.0
	20.0	-	-	-	250.0	250.0	-	-	-	500.0	-	520.0
Tanque Verde/Pima and Wilmot Intersection												
1994 Street and Highway Revenue Bond Funds	67.9	-	-	-	-	-	-	-	-	-	-	67.9
2000 Street and Highway Revenue Bond Funds	100.0	200.0	-	200.0	-	-	-	-	-	200.0	-	300.0
Highway User Revenue Fund	7.4	-	-	-	-	-	-	-	-	-	-	7.4
	175.4	200.0	-	200.0	-	-	-	-	-	200.0	-	375.4
Traffic Signal Conversions												
2000 Street and Highway Revenue Bond Funds	501.0	200.0	289.0	489.0	210.0	-	-	-	-	699.0	-	1,200.0
	501.0	200.0	289.0	489.0	210.0	-	-	-	-	699.0	-	1,200.0

Transportation - Traffic Signals

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Traffic Signal Equipment Upgrades												
Federal Highway Administration Grants	-	-	-	-	100.0	-	100.0	-	200.0	-	200.0	
Highway User Revenue Fund	-	-	-	-	6.0	-	6.0	-	12.0	-	12.0	
	-	-	-	-	106.0	-	106.0	-	212.0	-	212.0	
Program Area Total	2,396.1	2,596.8	1,282.0	3,878.8	2,717.9	870.7	1,458.0	115.0	9,040.4	-	11,436.5	
Source of Funds Summary												
1994 Street and Highway Revenue Bond Funds	150.1	41.8	-	41.8	-	-	-	-	41.8	-	191.9	
2000 Street and Highway Revenue Bond Funds	1,555.2	1,118.0	666.0	1,784.0	421.9	-	-	-	2,205.9	-	3,761.1	
Capital Agreement Fund	345.8	782.6	115.0	897.6	115.0	115.0	115.0	115.0	1,357.6	-	1,703.4	
Capital Agreement Fund: PAG	20.0	-	-	-	-	-	150.0	-	150.0	-	170.0	
Capital Agreement Fund: Pima County Contribution	0.1	54.3	155.0	209.3	-	-	-	-	209.3	-	209.4	
Federal Highway Administration Grants	200.0	550.0	325.0	875.0	1,765.0	505.7	1,125.0	-	4,270.7	-	4,470.7	
Highway User Revenue Fund	125.0	50.1	21.0	71.1	416.0	250.0	68.0	-	805.1	-	930.1	
Program Area Total	2,396.1	2,596.8	1,282.0	3,878.8	2,717.9	870.7	1,458.0	115.0	9,040.4	-	11,436.5	

Transportation - Traffic Signals

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Changeable Message Traffic Signs Description: Install changeable message signs on city arterials in advance of freeway interchanges to alert drivers of incidents or accidents that might be on the freeway, which will allow drivers to make an alternate route decision. Justification: These improvements will improve safety and traffic flow.										Project ID: S771 Start Date: 7/07 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund: PAG	-	-	-	-	-	-	150.0	-	150.0	-	150.0	
Total	-	-	-	-	-	-	150.0	-	150.0	-	150.0	

Communication System Improvements Description: Construct Intelligent Transportation Systems communications improvements. Funding in Fiscal Year 2005 will provide for a communications link from the city's traffic operations center to the Traffic Department of the Town of Marana. Funding in Fiscal Years 2006 and 2008 is for the purchase of new equipment and for signalized intersections. Justification: These improvements will support the coordination of traffic signals throughout the region.										Project ID: S770 Start Date: 7/04 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	-	250.0	250.0	1,000.0	-	200.0	-	1,450.0	-	1,450.0	
Highway User Revenue Fund	-	-	16.0	16.0	117.0	-	12.0	-	145.0	-	145.0	
Total	-	-	266.0	266.0	1,117.0	-	212.0	-	1,595.0	-	1,595.0	

Transportation - Traffic Signals

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Emergency Preemption System Expansion										Project ID: S760		
Description: Expand the city's emergency preemption system to all city signals, and coordinate it with regional systems. The gap in funding is due to the availability of regional funds.										Start Date: 7/02		
										End Date: 6/08		
Justification: This system permits public emergency vehicles to change traffic signals from red to green, which improves emergency vehicle response times.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	18.0	-	-	-	-	-	-	-	-	-	-	18.0
Capital Agreement Fund: PAG	20.0	-	-	-	-	-	-	-	-	-	-	20.0
Federal Highway Administration Grants	-	-	-	-	-	-	325.0	-	-	325.0	-	325.0
Highway User Revenue Fund	-	-	-	-	-	-	20.0	-	-	20.0	-	20.0
Total	38.0	-	-	-	-	-	345.0	-	-	345.0	-	383.0

Freeway Management System										Project ID: S755		
Description: Design and install conduit and fiber as needed from Sixth Avenue at Interstate 10 to the city's 911 center at Park and Ajo, and from 6th Avenue at Ajo to the Department of Public Safety at Valencia Road and Tucson Boulevard. Project costs will be reimbursed by the State of Arizona.										Start Date: 7/02		
										End Date: 6/05		
Justification: The City of Tucson, State of Arizona, and Pima Association of Governments are working to coordinate a Freeway Management System along Interstate 10 and connecting arterial streets.										Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	200.0	400.0	-	400.0	-	-	-	-	-	400.0	-	600.0
Total	200.0	400.0	-	400.0	-	-	-	-	-	400.0	-	600.0

Transportation - Traffic Signals

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Golf Links At Bonanza Traffic Signal Description: Design and construct a traffic signal at the intersection of Bonanza and Golf Links. This project is jointly funded with a developer contribution.										Project ID: S94H Start Date: 7/03 End Date: 6/05 Location: Ward 4		
Justification: This project will improve safety and traffic flow.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	50.0	-	-	-	-	-	-	-	-	-	-	50.0
Capital Agreement Fund	13.1	86.9	-	86.9	-	-	-	-	-	86.9	-	100.0
Total	63.1	86.9	-	86.9	-	-	-	-	-	86.9	-	150.0

Intelligent Transportation System Improvements 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 the Pima Association of Governments, South Tucson, and other metro area locations.										Project ID: S752 Start Date: 7/01 End Date: 6/05 Location: Citywide		
Justification: As the regional coordinator, Pima Association of Governments will be able to monitor all signalized intersections for the Tucson Metro area, and other jurisdictions will be able to monitor their own signalized intersections.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	0.1	41.8	-	41.8	-	-	-	-	-	41.8	-	41.9
2000 Street and Highway Revenue Bond Funds	-	220.0	-	220.0	-	-	-	-	-	220.0	-	220.0
Capital Agreement Fund	73.4	-	-	-	-	-	-	-	-	-	-	73.4
Federal Highway Administration Grants	-	175.0	-	175.0	-	-	-	-	-	175.0	-	175.0
Total	73.5	436.8	-	436.8	-	-	-	-	-	436.8	-	510.3

Transportation - Traffic Signals

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Intelligent Transportation System: ER Link										Project ID: S820		
Description: Construct an audio/video system that will transmit patient vital signs from a paramedic vehicle to an emergency room (ER).										Start Date: 7/01		
										End Date: 6/07		
										Location: Citywide		
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	200.0	300.0	-	300.0	400.0	505.7	-	-	1,205.7	-	1,405.7	
Total	200.0	300.0	-	300.0	400.0	505.7	-	-	1,205.7	-	1,405.7	

Intelligent Transportation Systems: Connections										Project ID: S780		
Description: Install fiber optic connections along roadway segments. Funding in Fiscal Year 2005 is for a connection of the traffic signal system to the Town of Marana. Funding in Fiscal Year 2006 is for a fiber optic connection on Valencia between Old Nogales Highway and Calle Santa Cruz.										Start Date: 7/04		
										End Date: 6/06		
										Location: Wards 1 and 5		
Justification: These installations will replace the telephone leased lines that allow video images of the intersections to be transmitted to the city's traffic operations center.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	75.0	75.0	150.0	140.0	-	-	-	290.0	-	290.0	
Highway User Revenue Fund	-	5.0	5.0	10.0	35.0	-	-	-	45.0	-	45.0	
Total	-	80.0	80.0	160.0	175.0	-	-	-	335.0	-	335.0	

Transportation - Traffic Signals

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										Project ID: S94G		
										Start Date: 702		
Irvington at Calle Santa Cruz Traffic Signal Description: Design and construct a traffic signal at Irvington Road and Calle Santa Cruz. This project is jointly funded with Pima Community College.										End Date: 6/05		
										Location: Ward 1		
Justification: This project will improve safety and traffic flow.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	45.5	-	-	-	-	-	-	-	-	-	-	45.5
Capital Agreement Fund	33.6	116.4	-	116.4	-	-	-	-	-	116.4	-	150.0
Total	79.1	116.4	-	116.4	-	-	-	-	-	116.4	-	195.5

										Project ID: S790		
										Start Date: 7/05		
Living Transportation Laboratory Improvements Description: Design and construct improvements for the Living Transportation Laboratory in conjunction with the University of Arizona College of Engineering and Mines. The improvements include transit priority systems and emergency response capabilities. The gap in funding is due to the availability of regional funds.										End Date: 6/08		
										Location: Citywide		
Justification: These improvements will facilitate research into traffic signal coordination and transportation efficiencies.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	-	-	-	125.0	-	500.0	-	-	625.0	-	625.0
Highway User Revenue Fund	-	-	-	-	8.0	-	30.0	-	-	38.0	-	38.0
Total	-	-	-	-	133.0	-	530.0	-	-	663.0	-	663.0

Transportation - Traffic Signals

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Machine Vision Video Detection System Upgrades										Project ID: S900		
Description: Upgrade the vehicle detection system at traffic signals from wire loops that are embedded in the road to machine vision video detection. Approximately 115 of the city's 347 signalized intersections are already equipped with this technology.										Start Date: 7/02		
										End Date: 6/06		
Justification: Machine vision video detection allows for the visual monitoring of traffic, which will improve traffic flow and safety.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	628.0	300.0	330.0	630.0	211.9	-	-	-	841.9	-	1,469.9	
Total	628.0	300.0	330.0	630.0	211.9	-	-	-	841.9	-	1,469.9	

Miscellaneous Traffic Improvements										Project ID: S910		
Description: Design and construct traffic modifications, including vehicle detection systems, bicycle detection systems, neighborhood traffic management improvements, and traffic signal islands.										Start Date: 7/01		
										End Date: 6/05		
Justification: These improvements will improve safety and traffic flow.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	91.0	21.0	-	21.0	-	-	-	-	21.0	-	112.0	
Capital Agreement Fund	-	18.8	-	18.8	-	-	-	-	18.8	-	18.8	
Highway User Revenue Fund	35.4	-	-	-	-	-	-	-	-	-	35.4	
Total	126.4	39.8	-	39.8	-	-	-	-	39.8	-	166.2	

Transportation - Traffic Signals

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Roger Road and Fairview Avenue Traffic Signal Description: Design and construct a traffic signal at the intersection of Roger Road and Fairview Road. Pima County will reimburse the city for 50% of the construction costs, because two of the approaches to the intersection are outside the city limits. The relocation of Western Area Power Administration power poles may affect the project schedule. Justification: This intersection meets the department's written guidelines for a traffic signal, which take into account traffic volume through the intersection and proximity to other traffic signals.										Project ID: S812		
										Start Date: 7/00		
										End Date: 6/05		
										Location: Ward 3		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	75.0	-	-	-	-	-	-	-	-	-	-	75.0
2000 Street and Highway Revenue Bond Funds	-	127.0	-	127.0	-	-	-	-	-	127.0	-	127.0
Capital Agreement Fund: Pima County Contribution	0.1	54.3	155.0	209.3	-	-	-	-	-	209.3	-	209.4
Highway User Revenue Fund	12.9	45.1	-	45.1	-	-	-	-	-	45.1	-	58.0
Total	87.9	226.4	155.0	381.4	-	-	-	-	-	381.4	-	469.3

School Flasher Construction Description: Design and construct jointly-funded school flashers. Existing school pedestrian crossing locations that are awaiting upgrades to pedestrian-activated red light systems include 12th Avenue at Michigan and Camino Seco at Placita del Escuela. Justification: School flashers are requested by school districts to improve pedestrian safety for their students.										Project ID: S920		
										Start Date: 7/01		
										End Date: 6/09		
										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	7.1	-	-	-	-	-	-	-	-	-	-	7.1
2000 Street and Highway Revenue Bond Funds	121.7	50.0	47.0	97.0	-	-	-	-	-	97.0	-	218.7
Capital Agreement Fund	25.6	160.5	115.0	275.5	115.0	115.0	115.0	115.0	735.5	-	-	761.1
Highway User Revenue Fund	49.3	-	-	-	-	-	-	-	-	-	-	49.3
Total	203.7	210.5	162.0	372.5	115.0	115.0	115.0	115.0	832.5	-	-	1,036.2

Transportation - Traffic Signals

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Tanque Verde/Paseo Rancho Esperanza Signal										Project ID: S822		
Description: Design and construct a traffic signal at the intersection of Tanque Verde Road and Paseo Rancho Esperanza.										Start Date: 7/04		
										End Date: 6/07		
										Location: Ward 2		
Justification: This intersection meets the department's written guidelines for a traffic signal, which takes into account traffic volume through the intersection and proximity to other traffic signals.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	20.0	-	-	-	250.0	250.0	-	-	500.0	-	520.0	
Total	20.0	-	-	-	250.0	250.0	-	-	500.0	-	520.0	

Tanque Verde/Pima and Wilmot Intersection										Project ID: S815		
Description: Design and construct a geometric improvement to the intersection of Tanque Verde/Pima Road and Wilmot Road.										Start Date: 7/97		
										End Date: 6/05		
										Location: Wards 2 and 6		
Justification: The redesign of the intersection is expected to reduce traffic accidents caused by high-speed turning and merging traffic that violates the existing traffic control devices.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Street and Highway Revenue Bond Funds	67.9	-	-	-	-	-	-	-	-	-	67.9	
2000 Street and Highway Revenue Bond Funds	100.0	200.0	-	200.0	-	-	-	-	200.0	-	300.0	
Highway User Revenue Fund	7.4	-	-	-	-	-	-	-	-	-	7.4	
Total	175.4	200.0	-	200.0	-	-	-	-	200.0	-	375.4	

Transportation - Traffic Signals

(\$000)

Traffic Signal Conversions Description: Convert incandescent traffic signals to light emitting diode (LED) technology. An average of 110 intersections will be converted each year. Justification: LED signals are more energy efficient and require less maintenance.										Project ID: S826 Start Date: 7/02 End Date: 6/06 Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	501.0	200.0	289.0	489.0	210.0	-	-	-	699.0	-	1,200.0	
Total	501.0	200.0	289.0	489.0	210.0	-	-	-	699.0	-	1,200.0	

Traffic Signal Equipment Upgrades Description: Upgrade traffic signal and control equipment. Funding in Fiscal Year 2006 is to install uninterruptible power systems (backup batteries) at ten critical intersections. Funding in Fiscal Year 2008 will provide for equipment upgrades at the Traffic Operations Center. Justification: The backup batteries will improve traffic safety and reduce reliance on police officer traffic management during power outages. The equipment upgrades will improve the reliability of video communication equipment at the Traffic Operations Center.										Project ID: S850 Start Date: 7/05 End Date: 6/08 Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Federal Highway Administration Grants	-	-	-	-	100.0	-	100.0	-	200.0	-	200.0	
Highway User Revenue Fund	-	-	-	-	6.0	-	6.0	-	12.0	-	12.0	
Total	-	-	-	-	106.0	-	106.0	-	212.0	-	212.0	

Transportation - Parking Garages

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
City/State Parking Garage Improvements												
TEAM: Fees and Charges	5.6	164.4	126.7	291.1	93.9	100.0	156.9	163.8	805.7	-	811.3	
	5.6	164.4	126.7	291.1	93.9	100.0	156.9	163.8	805.7	-	811.3	
Main Library Parking Garage Improvements												
TEAM: Fees and Charges	3.3	76.7	153.9	230.6	30.8	-	-	-	261.4	-	264.7	
	3.3	76.7	153.9	230.6	30.8	-	-	-	261.4	-	264.7	
Program Area Total	8.9	241.1	280.6	521.7	124.7	100.0	156.9	163.8	1,067.1	-	1,076.0	
Source of Funds Summary												
TEAM: Fees and Charges	8.9	241.1	280.6	521.7	124.7	100.0	156.9	163.8	1,067.1	-	1,076.0	
Program Area Total	8.9	241.1	280.6	521.7	124.7	100.0	156.9	163.8	1,067.1	-	1,076.0	

Transportation - Parking Garages

(\$000)

City/State Parking Garage Improvements									Project ID: K111			
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.									Start Date: 7/04			
									End Date: 6/09			
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.									Location: Ward 1 (within Rio Nuevo District)			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
TEAM: Fees and Charges	5.6	164.4	126.7	291.1	93.9	100.0	156.9	163.8	805.7	-	811.3	
Total	5.6	164.4	126.7	291.1	93.9	100.0	156.9	163.8	805.7	-	811.3	

Main Library Parking Garage Improvements									Project ID: K112			
Description: Design and construct improvements to the Main Library Parking Garage. Improvements will include repairing structural elements and the installing supplemental floor drains.									Start Date: 7/04			
									End Date: 6/06			
Justification: This facility is 15 years old, and these modifications are necessary to maintain the structural safety and lengthen the useful life of the structure									Location: Ward 1 (within Rio Nuevo District)			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
TEAM: Fees and Charges	3.3	76.7	153.9	230.6	30.8	-	-	-	261.4	-	264.7	
Total	3.3	76.7	153.9	230.6	30.8	-	-	-	261.4	-	264.7	

Transportation - Public Transit

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
ADA Pedestrian Improvements												
Mass Transit Fund: Federal Grants	-	-	-	-	82.0	82.0	82.0	82.0	328.0	-	328.0	
Mass Transit Fund: General Fund Transfer	-	-	-	-	20.5	20.5	20.5	20.5	82.0	-	82.0	
	-	-	-	-	102.5	102.5	102.5	102.5	410.0	-	410.0	
Automated Vehicle Location System Kiosks												
Mass Transit Fund: Federal Grants	109.5	230.0	-	230.0	-	-	-	-	230.0	-	339.5	
Mass Transit Fund: General Fund Transfer	27.4	57.5	-	57.5	-	-	-	-	57.5	-	84.9	
	136.9	287.5	-	287.5	-	-	-	-	287.5	-	424.4	
Automated Vehicle Location System Upgrades												
Mass Transit Fund: Federal Grants	-	-	-	-	-	-	100.0	240.0	340.0	-	340.0	
Mass Transit Fund: General Fund Transfer	-	-	-	-	-	-	25.0	60.0	85.0	-	85.0	
	-	-	-	-	-	-	125.0	300.0	425.0	-	425.0	
Broadway Boulevard Transit Improvements												
2000 Street and Highway Revenue Bond Funds	20.0	5.0	-	5.0	-	-	-	-	5.0	-	25.0	
Mass Transit Fund: Federal Grants	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
	20.0	105.0	-	105.0	-	-	-	-	105.0	-	125.0	
Compressed Natural Gas Facility Improvements												
Mass Transit Fund: Federal Grants	444.8	275.2	-	275.2	-	-	160.0	-	435.2	-	880.0	
Mass Transit Fund: General Fund Transfer	111.2	68.8	-	68.8	-	-	40.0	-	108.8	-	220.0	
	556.0	344.0	-	344.0	-	-	200.0	-	544.0	-	1,100.0	
Contingency Local Match for Future Grants												
Mass Transit Fund: General Fund Transfer	-	-	-	-	-	-	619.7	-	619.7	-	619.7	
	-	-	-	-	-	-	619.7	-	619.7	-	619.7	
Downtown Intermodal Center, Phase III												
Mass Transit Fund: Federal Grants	715.1	2,057.0	3,934.7	5,991.7	-	-	-	-	5,991.7	-	6,706.8	
Mass Transit Fund: General Fund Transfer	-	-	120.7	120.7	-	-	-	-	120.7	-	120.7	
	715.1	2,057.0	4,055.4	6,112.4	-	-	-	-	6,112.4	-	6,827.5	

Transportation - Public Transit

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Expansion Vans for Van Tran												
Mass Transit Fund: Federal Grants	624.0	-	169.0	169.0	-	-	-	-	169.0	-	793.0	
Mass Transit Fund: General Fund Transfer	156.0	-	35.0	35.0	-	-	-	-	35.0	-	191.0	
	780.0	-	204.0	204.0	-	-	-	-	204.0	-	984.0	
Replacement Buses												
Mass Transit Fund: Federal Grants	-	7,412.2	1,967.4	9,379.6	3,409.6	3,454.5	1,188.9	3,325.1	20,757.7	-	20,757.7	
Mass Transit Fund: General Fund Transfer	-	1,178.2	403.0	1,581.2	698.3	707.5	243.5	681.0	3,911.5	-	3,911.5	
	-	8,590.4	2,370.4	10,960.8	4,107.9	4,162.0	1,432.4	4,006.1	24,669.2	-	24,669.2	
Replacement Vans												
Mass Transit Fund: Federal Grants	-	-	1,150.3	1,150.3	1,394.4	1,842.6	1,245.0	2,104.0	7,736.3	-	7,736.3	
Mass Transit Fund: General Fund Transfer	-	-	235.7	235.7	285.6	377.4	255.0	431.0	1,584.7	-	1,584.7	
	-	-	1,386.0	1,386.0	1,680.0	2,220.0	1,500.0	2,535.0	9,321.0	-	9,321.0	
Sun Tran Maintenance Facility, Phase I												
1994 General Obligation Bond Funds	3,500.0	500.0	-	500.0	-	-	-	-	500.0	-	4,000.0	
Mass Transit Fund: Federal Grants	400.7	2,191.8	-	2,191.8	-	-	-	-	2,191.8	-	2,592.5	
	3,900.7	2,691.8	-	2,691.8	-	-	-	-	2,691.8	-	6,592.5	
Sun Tran Maintenance Facility, Phase II												
Mass Transit Fund: Federal Grants	-	-	1,721.4	1,721.4	-	-	-	-	1,721.4	-	1,721.4	
	-	-	1,721.4	1,721.4	-	-	-	-	1,721.4	-	1,721.4	
Transit Alternatives Analysis												
Highway User Revenue Fund	30.0	30.0	140.0	170.0	-	-	-	-	170.0	-	200.0	
Mass Transit Fund: Federal Grants	120.0	120.0	560.0	680.0	-	-	-	-	680.0	-	800.0	
	150.0	150.0	700.0	850.0	-	-	-	-	850.0	-	1,000.0	

Transportation - Public Transit

Five-Year Capital Improvement Program

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Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Transit Enhancements												
Capital Agreement Fund	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Mass Transit Fund: Federal Grants	-	97.1	100.0	197.1	102.8	106.6	117.9	118.0	642.4	-	642.4	
Mass Transit Fund: General Fund Transfer	-	5.9	6.0	11.9	6.2	6.4	7.1	7.0	38.6	-	38.6	
	-	203.0	106.0	309.0	109.0	113.0	125.0	125.0	781.0	-	781.0	
Transit Headquarters Improvements, Phase II												
Mass Transit Fund: Federal Grants	19.1	803.2	822.3	1,625.5	822.3	-	-	-	2,447.8	-	2,466.9	
	19.1	803.2	822.3	1,625.5	822.3	-	-	-	2,447.8	-	2,466.9	
Udall Center Transit Facility												
2000 Street and Highway Revenue Bond Funds	-	20.0	-	20.0	-	-	-	-	20.0	-	20.0	
Mass Transit Fund: Federal Grants	60.3	256.0	80.0	336.0	-	-	-	-	336.0	-	396.3	
Mass Transit Fund: General Fund Transfer	15.1	64.0	20.0	84.0	-	-	-	-	84.0	-	99.1	
	75.4	340.0	100.0	440.0	-	-	-	-	440.0	-	515.4	
Program Area Total	6,353.1	15,571.9	11,465.5	27,037.4	6,821.7	6,597.5	4,104.6	7,068.6	51,629.8	-	57,982.9	
Source of Funds Summary												
1994 General Obligation Bond Funds	3,500.0	500.0	-	500.0	-	-	-	-	500.0	-	4,000.0	
2000 Street and Highway Revenue Bond Funds	20.0	25.0	-	25.0	-	-	-	-	25.0	-	45.0	
Capital Agreement Fund	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Capital Agreement Fund: PAG	-	-	-	-	-	-	-	-	-	-	-	
Highway User Revenue Fund	30.0	30.0	140.0	170.0	-	-	-	-	170.0	-	200.0	
Mass Transit Fund: Federal Grants	2,493.4	13,542.5	10,505.1	24,047.6	5,811.1	5,485.7	2,893.8	5,869.1	44,107.3	-	46,600.7	
Mass Transit Fund: General Fund Transfer	309.7	1,374.4	820.4	2,194.8	1,010.6	1,111.8	1,210.8	1,199.5	6,727.5	-	7,037.2	
Program Area Total	6,353.1	15,571.9	11,465.5	27,037.4	6,821.7	6,597.5	4,104.6	7,068.6	51,629.8	-	57,982.9	

Transportation - Public Transit

(\$000)

Source of Funds:										Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
											Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants										-	-	-	-	82.0	82.0	82.0	82.0	328.0	-	328.0	
Mass Transit Fund: General Fund Transfer										-	-	-	-	20.5	20.5	20.5	20.5	82.0	-	82.0	
Total										-	-	-	-	102.5	102.5	102.5	102.5	410.0	-	410.0	

Source of Funds:										Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
											Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants										109.5	230.0	-	230.0	-	-	-	-	230.0	-	339.5	
Mass Transit Fund: General Fund Transfer										27.4	57.5	-	57.5	-	-	-	-	57.5	-	84.9	
Total										136.9	287.5	-	287.5	-	-	-	-	287.5	-	424.4	

Project ID: M313
Start Date: Annual
End Date: Annual
Location: Citywide

Project ID: M912
Start Date: 7/99
End Date: 6/05
Location: Citywide

ADA Pedestrian Improvements

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. These infrastructure improvements must be equal to a minimum of 1% of the annual grant award.

Automated Vehicle Location System Kiosks

Description:

Design and construct electronic kiosks at the Ronstadt, Laos, and Tohono Tadaí Transit Centers.

Justification:

These kiosks will generate real-time information on estimated bus arrival times.

Transportation - Public Transit

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										Project ID: M710		
										Start Date: 7/07		
										End Date: 6/09		
										Location: Citywide		
Automated Vehicle Location System Upgrades Description: Upgrade and replace Automated Vehicle Location System equipment and kiosks at the Ronstadt, Laos, and Tohono Tadaí Transit Centers. Justification: This system generates real-time information on estimated bus arrival times.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	-	-	-	-	-	-	100.0	240.0	340.0	-	340.0	
Mass Transit Fund: General Fund Transfer	-	-	-	-	-	-	25.0	60.0	85.0	-	85.0	
Total	-	-	-	-	-	-	125.0	300.0	425.0	-	425.0	
										Project ID: M902		
										Start Date: 7/02		
										End Date: 6/05		
										Location: Wards 5 and 6		
Broadway Boulevard Transit Improvements Description: Design an enhanced bus shelter for Broadway Boulevard at the El Con Mall. Construction of the enhanced bus shelter is contingent upon receipt of additional grant funding. Justification: The new bus shelter will replace the shelter that had to be removed during the renovation of El Con Mall.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	20.0	5.0	-	5.0	-	-	-	-	5.0	-	25.0	
Mass Transit Fund: Federal Grants	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Total	20.0	105.0	-	105.0	-	-	-	-	105.0	-	125.0	

Transportation - Public Transit

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Compressed Natural Gas Facility Improvements Description: Rehabilitate and renovate Sun Tran's compressed natural gas (CNG) facility. CNG compressors will be rebuilt to provide 3,800 psi (pounds per square inch) of pressure, which is an increase of 400 psi over the current system. In addition, the facility will be retrofitted with a water cooling system on the outlet side. Justification: These upgrades will improve fueling efficiency and increase the CNG storage capacity on buses, which will extend route operating times between refuelings.										Project ID: M211 Start Date: 7/00 End Date: 6/08 Location: Ward 5		
										Five Year Total	Future Years	Total Project
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements						
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	444.8	275.2	-	275.2	-	-	160.0	-	435.2	-	880.0	
Mass Transit Fund: General Fund Transfer	111.2	68.8	-	68.8	-	-	40.0	-	108.8	-	220.0	
Total	556.0	344.0	-	344.0	-	-	200.0	-	544.0	-	1,100.0	

Contingency Local Match for Future Grants Description: Budget capacity for potential future congressional earmarks for bus replacements. Justification: Local match capacity will be required if federal funds are secured.										Project ID: M008 Start Date: 7/07 End Date: 6/08 Location: Citywide		
										Five Year Total	Future Years	Total Project
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements						
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: General Fund Transfer	-	-	-	-	-	-	619.7	-	619.7	-	619.7	
Total	-	-	-	-	-	-	619.7	-	619.7	-	619.7	

Transportation - Public Transit

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Downtown Intermodal Center, Phase III										Project ID: M429		
Description: Design and construct a spur line, facility for the Greyhound bus station, parking, pedestrian bridge across the railroad tracks, platform for passengers, and other elements to continue implementation of the Intermodal Center Master Plan. Land value is being used to partially cover the city's required local match. The cost of operating and maintaining the facility will be covered by tenant payments.										Start Date: 7/04		
										End Date: 6/05		
Justification: The Intermodal Center is intended to anchor and lead the revitalization of downtown Tucson.										Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	715.1	2,057.0	3,934.7	5,991.7	-	-	-	-	5,991.7	-	6,706.8	
Mass Transit Fund: General Fund Transfer	-	-	120.7	120.7	-	-	-	-	120.7	-	120.7	
Total	715.1	2,057.0	4,055.4	6,112.4	-	-	-	-	6,112.4	-	6,827.5	

Expansion Vans for Van Tran										Project ID: M521		
Description: Purchase three expansion vans for Van Tran.										Start Date: 7/03		
										End Date: 6/05		
Justification: These vans, in addition to the eight vans purchased in Fiscal Year 2004, will permit Van Tran to provide more service hours and reduce the trip denial rate. This service expansion responds to the Federal Transit Administrations' Triennial and Financial Management Oversight Audit findings on capacity constraints in the city's paratransit system.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	624.0	-	169.0	169.0	-	-	-	-	169.0	-	793.0	
Mass Transit Fund: General Fund Transfer	156.0	-	35.0	35.0	-	-	-	-	35.0	-	191.0	
Total	780.0	-	204.0	204.0	-	-	-	-	204.0	-	984.0	

Transportation - Public Transit

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Replacement Buses Description: Replace Sun Tran buses. Although 130 buses should be replaced over the next five years, annual federal grant funding is available for only 63 buses: 24 in Fiscal Year 2005, 12 in Fiscal Year 2006, 12 in Fiscal Year 2007, 4 in Fiscal Year 2008, and 11 in Fiscal Year 2009. Additional funding from congressional earmarks will be pursued. Justification: To maximize operational efficiency, buses are scheduled for replacement at the end of their useful life of at least 12 years or 500,000 miles.										Project ID: M007 Start Date: Annual End Date: Annual Location: Citywide		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	-	7,412.2	1,967.4	9,379.6	3,409.6	3,454.5	1,188.9	3,325.1	20,757.7	-	20,757.7	
Mass Transit Fund: General Fund Transfer	-	1,178.2	403.0	1,581.2	698.3	707.5	243.5	681.0	3,911.5	-	3,911.5	
Total	-	8,590.4	2,370.4	10,960.8	4,107.9	4,162.0	1,432.4	4,006.1	24,669.2	-	24,669.2	

Replacement Vans Description: Replace paratransit service vans for Van Tran. Over the next five years, 164 vans will be replaced: 36 in Fiscal Year 2005, 28 in Fiscal Year 2006, 37 in Fiscal Year 2007, 24 in Fiscal Year 2008, and 39 in Fiscal Year 2009. Justification: To maximize operational efficiency, vans are scheduled for replacement at the end of their useful life of four years or 100,000 miles.										Project ID: M402 Start Date: Annual End Date: Annual Location: Citywide		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	-	-	1,150.3	1,150.3	1,394.4	1,842.6	1,245.0	2,104.0	7,736.3	-	7,736.3	
Mass Transit Fund: General Fund Transfer	-	-	235.7	235.7	285.6	377.4	255.0	431.0	1,584.7	-	1,584.7	
Total	-	-	1,386.0	1,386.0	1,680.0	2,220.0	1,500.0	2,535.0	9,321.0	-	9,321.0	

Transportation - Public Transit

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Sun Tran Maintenance Facility, Phase I Description: Design and construct the first phase of this six-phased project. Phase I improvements will include site grading, drainage improvements, pavements and curbs, signage, reclaimed/potable water systems, a sanitary sewer system, irrigation system, street lighting, and a fuel building with canopy. Justification: The current facility at Park and Ajo was built in 1976 and is operating beyond its designed capacity. This new facility will provide for the projected growth of the Sun Tran system.										Project ID: M137 Start Date: 7/96 End Date: 6/05 Location: Ward 3		
										Source of Funds:		Prior Year(s)
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
1994 General Obligation Bond Funds		3,500.0	500.0	-	500.0	-	-	-	-	500.0	-	4,000.0
Mass Transit Fund: Federal Grants		400.7	2,191.8	-	2,191.8	-	-	-	-	2,191.8	-	2,592.5
Total		3,900.7	2,691.8	-	2,691.8	-	-	-	-	2,691.8	-	6,592.5

Sun Tran Maintenance Facility, Phase II Description: Design and partially construct the second phase of this six-phased project. Phase II improvements include a Sun Tran fueling and wash facility, an operations building, and parking canopies and site improvements for 150 buses. Land value is being used to cover the city's local match requirement. Justification: The current facility at Park and Ajo was built in 1976 and is operating beyond its designed capacity. This new facility will provide for the projected growth of the Sun Tran system.										Project ID: M337 Start Date: 7/04 End Date: 6/05 Location: Ward 3		
										Source of Funds:		Prior Year(s)
			Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Mass Transit Fund: Federal Grants		-	-	1,721.4	1,721.4	-	-	-	-	1,721.4	-	1,721.4
Total		-	-	1,721.4	1,721.4	-	-	-	-	1,721.4	-	1,721.4

Transportation - Public Transit

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Transit Alternatives Analysis										Project ID: M915		
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: 7/03		
										End Date: 6/05		
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.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Highway User Revenue Fund	30.0	30.0	140.0	170.0	-	-	-	-	170.0	-	200.0	
Mass Transit Fund: Federal Grants	120.0	120.0	560.0	680.0	-	-	-	-	680.0	-	800.0	
Total	150.0	150.0	700.0	850.0	-	-	-	-	850.0	-	1,000.0	

Transit Enhancements										Project ID: M408		
Description: Design and construct improvements that will enhance the transportation system, including bicycle lockers and bus shelters.										Start Date: Annual		
										End Date: Annual		
Justification: These improvements will increase alternate modes opportunities.										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Capital Agreement Fund	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Mass Transit Fund: Federal Grants	-	97.1	100.0	197.1	102.8	106.6	117.9	118.0	642.4	-	642.4	
Mass Transit Fund: General Fund Transfer	-	5.9	6.0	11.9	6.2	6.4	7.1	7.0	38.6	-	38.6	
Total	-	203.0	106.0	309.0	109.0	113.0	125.0	125.0	781.0	-	781.0	

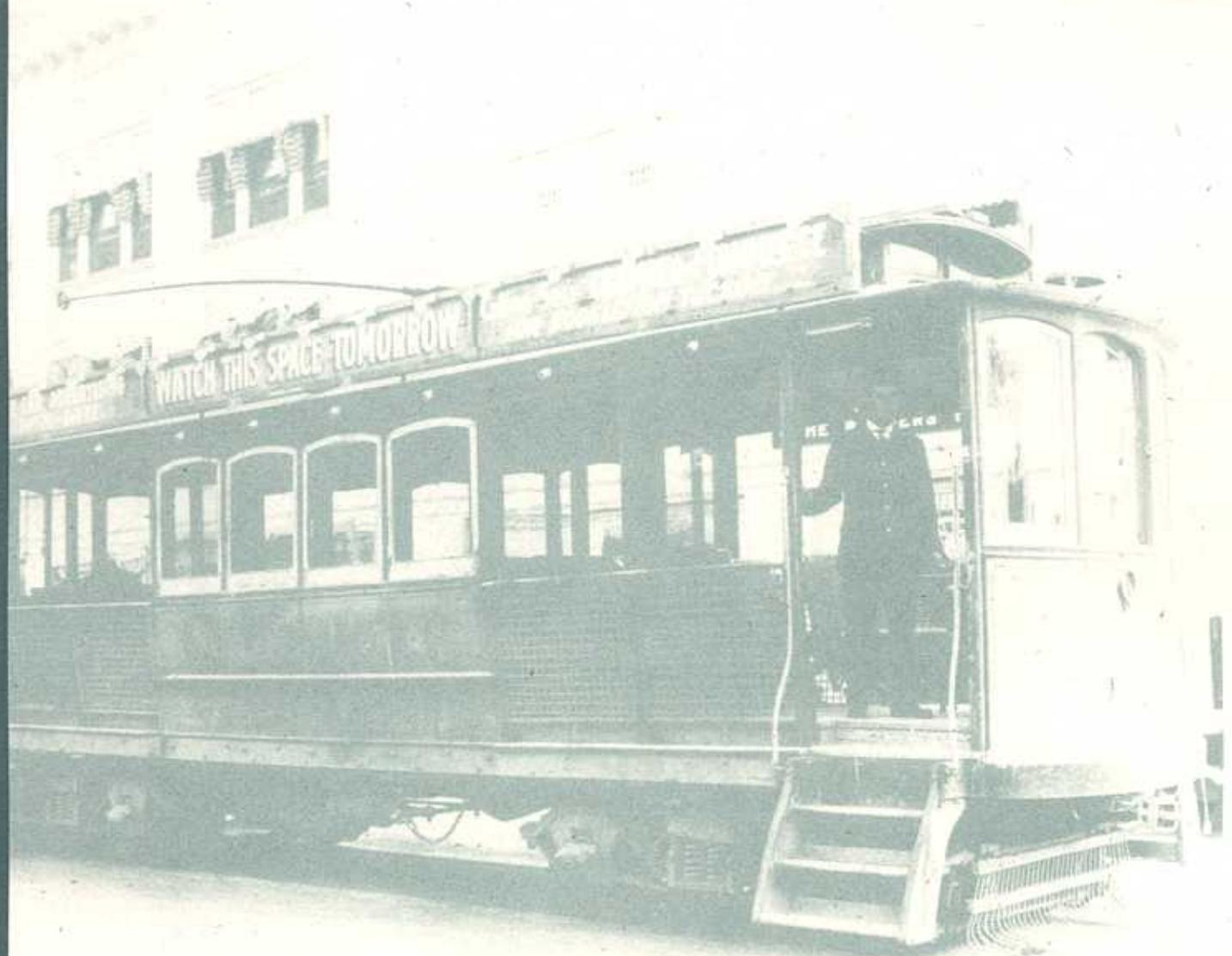
Transportation - Public Transit

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Transit Headquarters Improvements, Phase II										Project ID: M404		
Description: Design and construct the second phase of improvements to the Transit Headquarters at 149 North Stone. Land value is being used as the required local match for federal funds.										Start Date: 7/03		
										End Date: 6/06		
										Location: Ward 1		
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.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Mass Transit Fund: Federal Grants	19.1	803.2	822.3	1,625.5	822.3	-	-	-	2,447.8	-	2,466.9	
Total	19.1	803.2	822.3	1,625.5	822.3	-	-	-	2,447.8	-	2,466.9	

Udall Center Transit Facility										Project ID: M201		
Description: Design and construct a transit facility along the east side of Sabino Canyon Road adjacent to the Udall Center.										Start Date: 7/00		
										End Date: 6/05		
										Location: Ward 4		
Justification: This transit facility, which was recommended in the 1980 Short Range Transit Plan, will enhance existing and future transit operations on the city's eastside while complementing existing service in the south, downtown, and northwest service areas.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Street and Highway Revenue Bond Funds	-	20.0	-	20.0	-	-	-	-	20.0	-	20.0	
Mass Transit Fund: Federal Grants	60.3	256.0	80.0	336.0	-	-	-	-	336.0	-	396.3	
Mass Transit Fund: General Fund Transfer	15.1	64.0	20.0	84.0	-	-	-	-	84.0	-	99.1	
Total	75.4	340.0	100.0	440.0	-	-	-	-	440.0	-	515.4	

TUCSON WATER



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: Tucson Water

Five-Year Total: \$ 254,055,000

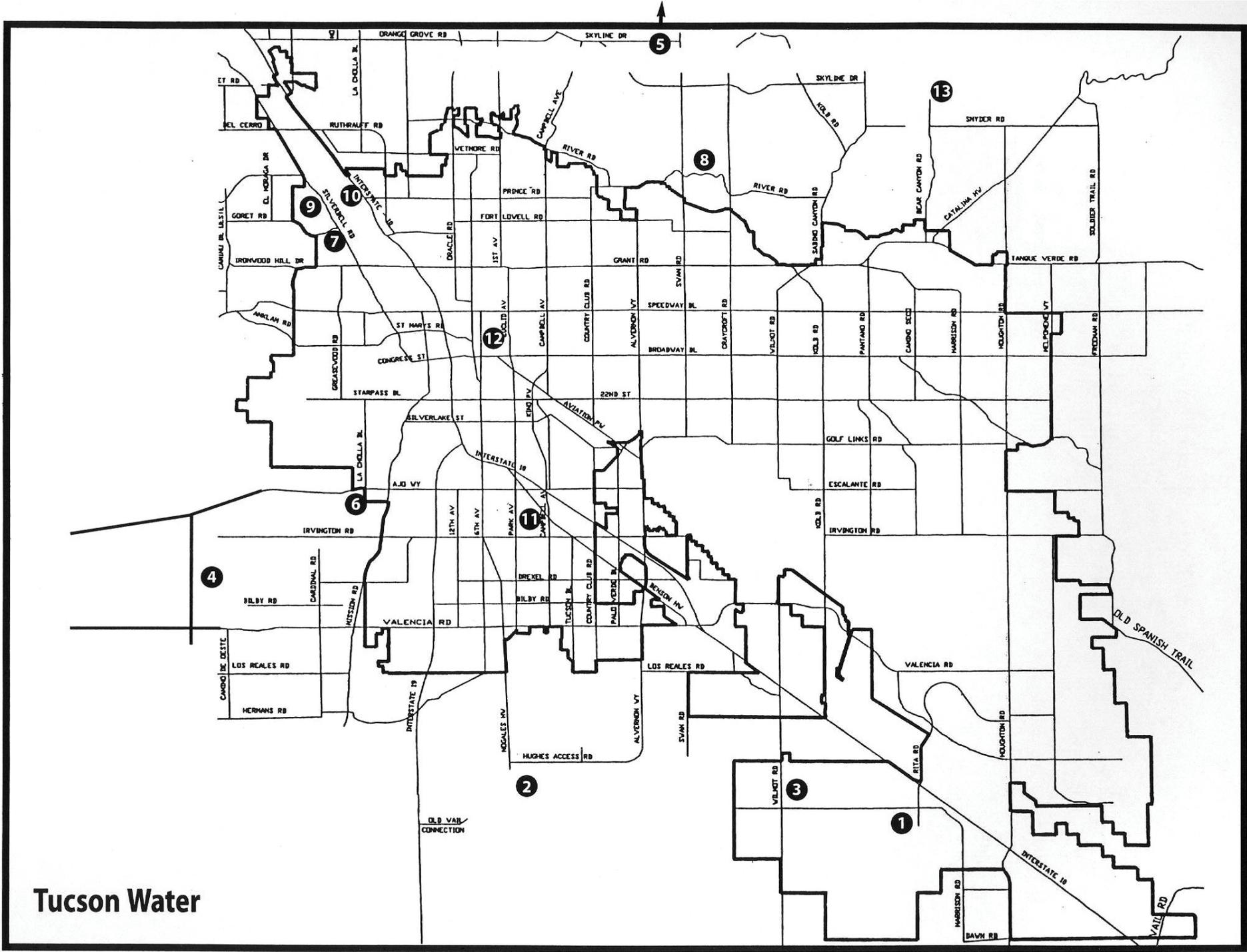
Tucson Water's Capital Improvement Program (CIP) is the foundation of a water supply plan for the community. This CIP will significantly assist in achieving the long-term goal of attaining safe yield in the Tucson basin, balancing groundwater pumping with replenishment of the aquifer. The five-year program 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 five-year capital program of \$254.1 million includes improvements to both the potable and reclaimed water systems.

The Potable Water System program of \$210.1 million includes improvements to 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.

The Reclaimed Water System program of \$44 million includes improvements to encourage the use of reclaimed water, which helps meet the safe yield and assured water supply requirements of the Arizona State Groundwater Management Act.

Unmet Capital Needs. Tucson Water does not have unfunded projects in the same sense as other departments. The utility's long-range plan assumes that user revenues and future bond authorizations will meet all capital needs. Rate increases will likely be necessary to pay for the needed projects through these two funding sources.



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>Potable Storage</u>		<u>Reclaimed Storage</u>	
1. Southeast E Zone Storage	FY 2012	8. La Paloma Reservoir	FY 2008
		9. Roger Road Reservoir	FY 2007
<u>Potable Transmission</u>		<u>Reclaimed Pumping Plant</u>	
2. Old Nogales Highway Transmission Main	FY 2005	10. Roger Road Plant Booster Expansion	FY 2007
3. Southeast E Zone Transmission Main	FY 2006		
4. Spencer Avenue Transmission Main	FY 2006	<u>Reclaimed Transmission</u>	
<u>Potable Distribution</u>		11. Campbell/Drexel Reclaimed Transmission Main	FY 2005
5. Skyline/Country Club System Modifications	FY 2005	12. Norris/Main Avenue Reclaimed Transmission Main	FY 2008
<u>Potable Treatment</u>		<u>Reclaimed Distribution</u>	
6. Hayden-Udall Treatment Plant Rehabilitation	FY 2007	13. Sabino/Sunrise to Snyder Reclaimed Distribution Main	FY 2009
<u>Reclaimed Source Development</u>			
7. Reclaimed Storage and Recovery	FY 2006		

Tucson Water

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Tucson Water - Potable Water System	30,146.0	4,761.0	31,235.0	35,996.0	48,585.0	45,572.0	38,477.0	41,467.0	210,097.0	196,500.0	436,743.0
Tucson Water - Reclaimed Water System	8,582.6	4,292.0	10,585.0	14,877.0	3,680.0	4,130.0	11,508.0	9,763.0	43,958.0	22,060.0	74,600.6
Department Total	38,728.7	9,053.0	41,820.0	50,873.0	52,265.0	49,702.0	49,985.0	51,230.0	254,055.0	218,560.0	511,343.7

Source of Funds Summary											
1984 Water Revenue Bond Funds	169.6	-	-	-	-	-	-	-	-	-	169.6
1994 Water Revenue Bond Funds	3,663.5	-	-	-	-	-	-	-	-	-	3,663.5
2000 Water Revenue Bond Funds	20,387.9	9,053.0	19,092.0	28,145.0	-	-	-	-	28,145.0	-	48,532.9
Central Arizona Project Reserve Fund	67.6	-	11.0	11.0	11.0	11.0	11.0	11.0	55.0	-	122.6
Future Water Revenue Bonds	-	-	-	-	28,074.0	24,644.0	28,331.0	30,612.0	111,661.0	126,535.0	238,196.0
Tucson Water Revenue and Operations Fund	14,440.1	-	22,217.0	22,217.0	23,930.0	25,047.0	21,643.0	20,607.0	113,444.0	92,025.0	219,909.1
Water Revenue and Operations Fund: Grants	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0
Department Total	38,728.7	9,053.0	41,820.0	50,873.0	52,265.0	49,702.0	49,985.0	51,230.0	254,055.0	218,560.0	511,343.7

Tucson Water - Potable Water System

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Tucson Water - Potable Source Development	-	300.0	2,153.0	2,453.0	2,633.0	2,703.0	2,483.0	2,633.0	12,905.0	24,700.0	37,605.0
Tucson Water - Recharge and Recovery	467.2	115.0	460.0	575.0	600.0	2,250.0	2,500.0	1,300.0	7,225.0	-	7,692.2
Tucson Water - Potable Storage	642.9	578.0	3,444.0	4,022.0	5,296.0	4,754.0	2,939.0	4,824.0	21,835.0	34,270.0	56,747.9
Tucson Water - Potable Pumping Plant	1,483.0	964.0	893.0	1,857.0	2,445.0	2,325.0	2,550.0	2,225.0	11,402.0	13,850.0	26,735.0
Tucson Water - Potable Transmission	5,969.7	1,160.0	5,648.0	6,808.0	13,030.0	8,630.0	5,450.0	12,165.0	46,083.0	28,780.0	80,832.7
Tucson Water - Potable Distribution	4,698.1	1,245.0	6,690.0	7,935.0	9,385.0	7,585.0	7,385.0	7,485.0	39,775.0	42,025.0	86,498.1
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	9,324.0	365.0	2,962.0	3,327.0	4,671.0	4,850.0	5,460.0	2,125.0	20,433.0	325.0	30,082.0
Tucson Water - Potable Treatment	5,315.1	-	800.0	800.0	2,800.0	4,750.0	2,000.0	1,000.0	11,350.0	14,000.0	30,665.1
Tucson Water - Potable Process Control	2,246.1	34.0	475.0	509.0	15.0	15.0	-	-	539.0	-	2,785.1
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	30,146.0	4,761.0	31,235.0	35,996.0	48,585.0	45,572.0	38,477.0	41,467.0	210,097.0	196,500.0	436,743.0

Source of Funds Summary											
1984 Water Revenue Bond Funds	83.4	-	-	-	-	-	-	-	-	-	83.4
1994 Water Revenue Bond Funds	2,979.6	-	-	-	-	-	-	-	-	-	2,979.6
2000 Water Revenue Bond Funds	13,692.6	4,761.0	9,496.0	14,257.0	-	-	-	-	14,257.0	-	27,949.6
Central Arizona Project Reserve Fund	67.6	-	11.0	11.0	11.0	11.0	11.0	11.0	55.0	-	122.6
Future Water Revenue Bonds	-	-	-	-	25,269.0	21,189.0	20,782.0	21,294.0	88,534.0	108,055.0	196,589.0
Tucson Water Revenue and Operations Fund	13,322.9	-	21,228.0	21,228.0	23,055.0	24,372.0	17,684.0	20,162.0	106,501.0	88,445.0	208,268.9
Water Revenue and Operations Fund: Grants	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0
Program Total	30,146.0	4,761.0	31,235.0	35,996.0	48,585.0	45,572.0	38,477.0	41,467.0	210,097.0	196,500.0	436,743.0

Tucson Water - Potable Source Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Drill Production Wells												
2000 Water Revenue Bond Funds	-	200.0	400.0	600.0	-	-	-	-	600.0	-	600.0	
Future Water Revenue Bonds	-	-	-	-	700.0	550.0	550.0	550.0	2,350.0	4,835.0	7,185.0	
	-	200.0	400.0	600.0	700.0	550.0	550.0	550.0	2,950.0	4,835.0	7,785.0	
H-3 Drilling and Equipping												
Tucson Water Revenue and Operations Fund	-	-	-	-	-	180.0	220.0	-	400.0	-	400.0	
	-	-	-	-	-	180.0	220.0	-	400.0	-	400.0	
Monitor Wells												
2000 Water Revenue Bond Funds	-	-	220.0	220.0	-	-	-	-	220.0	-	220.0	
Future Water Revenue Bonds	-	-	-	-	-	220.0	-	150.0	370.0	300.0	670.0	
	-	-	220.0	220.0	-	220.0	-	150.0	590.0	300.0	890.0	
New Well Equipping												
2000 Water Revenue Bond Funds	-	-	133.0	133.0	-	-	-	-	133.0	-	133.0	
Future Water Revenue Bonds	-	-	-	-	-	-	620.0	620.0	1,240.0	4,650.0	5,890.0	
Tucson Water Revenue and Operations Fund	-	-	487.0	487.0	620.0	620.0	-	-	1,727.0	-	1,727.0	
	-	-	620.0	620.0	620.0	620.0	620.0	620.0	3,100.0	4,650.0	7,750.0	
Potable Source Development - Future												
Future Water Revenue Bonds	-	-	-	-	-	320.0	280.0	500.0	1,100.0	10,850.0	11,950.0	
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	500.0	-	-	-	600.0	-	600.0	
	-	-	100.0	100.0	500.0	320.0	280.0	500.0	1,700.0	10,850.0	12,550.0	
Pressure Tank Replacement												
2000 Water Revenue Bond Funds	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Future Water Revenue Bonds	-	-	-	-	133.0	-	450.0	450.0	1,033.0	2,250.0	3,283.0	
Tucson Water Revenue and Operations Fund	-	-	450.0	450.0	317.0	450.0	-	-	1,217.0	-	1,217.0	
	-	100.0	450.0	550.0	450.0	450.0	450.0	450.0	2,350.0	2,250.0	4,600.0	

Tucson Water - Potable Source Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Production Well Sites												
Future Water Revenue Bonds	-	-	-	-	75.0	75.0	75.0	75.0	300.0	375.0	675.0	
Tucson Water Revenue and Operations Fund	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0	
	-	-	75.0	75.0	75.0	75.0	75.0	75.0	375.0	375.0	750.0	
Santa Rita Bel-Air Wellfield Upgrades												
Tucson Water Revenue and Operations Fund	-	-	-	-	175.0	-	-	-	175.0	-	175.0	
	-	-	-	-	175.0	-	-	-	175.0	-	175.0	
Well Field Upgrades												
Future Water Revenue Bonds	-	-	-	-	-	-	288.0	288.0	576.0	1,440.0	2,016.0	
Tucson Water Revenue and Operations Fund	-	-	288.0	288.0	113.0	288.0	-	-	689.0	-	689.0	
	-	-	288.0	288.0	113.0	288.0	288.0	288.0	1,265.0	1,440.0	2,705.0	
Program Area Total	-	300.0	2,153.0	2,453.0	2,633.0	2,703.0	2,483.0	2,633.0	12,905.0	24,700.0	37,605.0	
Source of Funds Summary												
2000 Water Revenue Bond Funds	-	300.0	753.0	1,053.0	-	-	-	-	1,053.0	-	1,053.0	
Future Water Revenue Bonds	-	-	-	-	908.0	1,165.0	2,263.0	2,633.0	6,969.0	24,700.0	31,669.0	
Tucson Water Revenue and Operations Fund	-	-	1,400.0	1,400.0	1,725.0	1,538.0	220.0	-	4,883.0	-	4,883.0	
Program Area Total	-	300.0	2,153.0	2,453.0	2,633.0	2,703.0	2,483.0	2,633.0	12,905.0	24,700.0	37,605.0	

Tucson Water - Potable Source Development

(\$000)

Drill Production Wells Description: Design and drill two wells per year. Justification: New wells are needed to replace those that fail or that do not generate sufficient water production and to provide backup capacity.										Project ID: W101 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	200.0	400.0	600.0	-	-	-	-	600.0	-	600.0	
Future Water Revenue Bonds	-	-	-	-	700.0	550.0	550.0	550.0	2,350.0	4,835.0	7,185.0	
Total	-	200.0	400.0	600.0	700.0	550.0	550.0	550.0	2,950.0	4,835.0	7,785.0	

H-3 Drilling and Equipping Description: Develop improvements and equip Well H-3 in the Corona de Tucson service area. Justification: These improvements will provide source development expansion to accommodate the rapid growth, including a new junior high school, in the area.										Project ID: W467 Start Date: 7/06 End Date: 6/08 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	180.0	220.0	-	400.0	-	400.0	
Total	-	-	-	-	-	180.0	220.0	-	400.0	-	400.0	

Tucson Water - Potable Source Development

(\$000)

Monitor Wells Description: Design and drill monitor wells. Justification: Monitor wells are needed for periodic sampling of the potable water supply.										Project ID: W703 Start Date: Biannual End Date: Biannual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	220.0	220.0	-	-	-	-	220.0	-	220.0	
Future Water Revenue Bonds	-	-	-	-	-	220.0	-	150.0	370.0	300.0	670.0	
Total	-	-	220.0	220.0	-	220.0	-	150.0	590.0	300.0	890.0	

New Well Equipping Description: Equip two new production wells per year. Justification: Equipping of wells is necessary to meet customer groundwater demand.										Project ID: W035 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	133.0	133.0	-	-	-	-	133.0	-	133.0	
Future Water Revenue Bonds	-	-	-	-	-	-	620.0	620.0	1,240.0	4,650.0	5,890.0	
Tucson Water Revenue and Operations Fund	-	-	487.0	487.0	620.0	620.0	-	-	1,727.0	-	1,727.0	
Total	-	-	620.0	620.0	620.0	620.0	620.0	620.0	3,100.0	4,650.0	7,750.0	

Tucson Water - Potable Source Development

(\$000)

Potable Source Development - Future Description: Budget capacity for source development projects that are required to provide additional capacity to meet customer demand. Justification: Specific needs will be determined as part of Tucson Water's ongoing capital planning process.										Project ID: WA99 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	320.0	280.0	500.0	1,100.0	10,850.0	11,950.0	
Tucson Water Revenue and Operations Fund	-	-	100.0	100.0	500.0	-	-	-	600.0	-	600.0	
Total	-	-	100.0	100.0	500.0	320.0	280.0	500.0	1,700.0	10,850.0	12,550.0	

Pressure Tank Replacement Description: Replace approximately eight pressure tanks per year at wells and booster stations. Justification: Pressure tanks older than 20 years are inspected annually. Those not meeting city boiler/pressure vessel code requirements are replaced.										Project ID: W075 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
Future Water Revenue Bonds	-	-	-	-	133.0	-	450.0	450.0	1,033.0	2,250.0	3,283.0	
Tucson Water Revenue and Operations Fund	-	-	450.0	450.0	317.0	450.0	-	-	1,217.0	-	1,217.0	
Total	-	100.0	450.0	550.0	450.0	450.0	450.0	450.0	2,350.0	2,250.0	4,600.0	

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 for groundwater production and to replace obsolete wells.										Project ID: W087 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	75.0	75.0	75.0	75.0	300.0	375.0	675.0	
Tucson Water Revenue and Operations Fund	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0	
Total	-	-	75.0	75.0	75.0	75.0	75.0	75.0	375.0	375.0	750.0	

Santa Rita Bel-Air Wellfield Upgrades Description: Upsize the piping and upgrade the existing well at this site. Justification: The improved well field will provide for increased demands and serve as an additional source in the remote area.										Project ID: W463 Start Date: 7/05 End Date: 6/06 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	175.0	-	-	-	175.0	-	175.0	
Total	-	-	-	-	175.0	-	-	-	175.0	-	175.0	

Tucson Water - Potable Source Development

(\$000)

Project ID: W077
Start Date: Annual
End Date: Annual
Location: City and County

Well Field Upgrades

Description:

Replace obsolete pumps and electric motors at water wells.

Justification:

Upgrades to wells are necessary to maximize their production capacity.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	288.0	288.0	576.0	1,440.0	2,016.0	
Tucson Water Revenue and Operations Fund	-	-	288.0	288.0	113.0	288.0	-	-	689.0	-	689.0	
Total	-	-	288.0	288.0	113.0	288.0	288.0	288.0	1,265.0	1,440.0	2,705.0	

Tucson Water - Recharge and Recovery

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
South Avra Valley Storage and Recovery Project												
2000 Water Revenue Bond Funds	164.0	115.0	460.0	575.0	-	-	-	-	575.0	-	739.0	
Future Water Revenue Bonds	-	-	-	-	600.0	2,250.0	2,500.0	1,300.0	6,650.0	-	6,650.0	
Tucson Water Revenue and Operations Fund	303.1	-	-	-	-	-	-	-	-	-	303.1	
	<u>467.2</u>	<u>115.0</u>	<u>460.0</u>	<u>575.0</u>	<u>600.0</u>	<u>2,250.0</u>	<u>2,500.0</u>	<u>1,300.0</u>	<u>7,225.0</u>	-	<u>7,692.2</u>	
Program Area Total	467.2	115.0	460.0	575.0	600.0	2,250.0	2,500.0	1,300.0	7,225.0	-	7,692.2	
Source of Funds Summary												
2000 Water Revenue Bond Funds	164.0	115.0	460.0	575.0	-	-	-	-	575.0	-	739.0	
Future Water Revenue Bonds	-	-	-	-	600.0	2,250.0	2,500.0	1,300.0	6,650.0	-	6,650.0	
Tucson Water Revenue and Operations Fund	303.1	-	-	-	-	-	-	-	-	-	303.1	
Program Area Total	467.2	115.0	460.0	575.0	600.0	2,250.0	2,500.0	1,300.0	7,225.0	-	7,692.2	

Tucson Water - Recharge and Recovery

(\$000)

South Avra Valley Storage and Recovery Project Description: Design and construct recharge basins and a recovery wellfield. These improvements will initially recover 30,000 acre-feet per year of additional Central Arizona Project water for the potable system, with future capacity of up to 80,000 acre-feet annually. Associated projects, such as a reservoir and booster station, recovered water transmission main, and the raw water delivery pipeline are scheduled in future years. Justification: This project, in combination with the Clearwater Renewable Resource Facility, will serve a renewable water supply to most of Tucson Water's customers.										Project ID: W439 Start Date: 7/03 End Date: 6/09 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	164.0	115.0	460.0	575.0	-	-	-	-	575.0	-	739.0	
Future Water Revenue Bonds	-	-	-	-	600.0	2,250.0	2,500.0	1,300.0	6,650.0	-	6,650.0	
Tucson Water Revenue and Operations Fund	303.1	-	-	-	-	-	-	-	-	-	303.1	
Total	467.2	115.0	460.0	575.0	600.0	2,250.0	2,500.0	1,300.0	7,225.0	-	7,692.2	

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
22nd Street Reservoir Modifications (Liner)												
Future Water Revenue Bonds	-	-	-	-	352.0	-	-	-	352.0	-	352.0	
	-	-	-	-	352.0	-	-	-	352.0	-	352.0	
Diamond Bell F Zone Reservoir												
2000 Water Revenue Bond Funds	52.0	88.0	-	88.0	-	-	-	-	88.0	-	140.0	
	52.0	88.0	-	88.0	-	-	-	-	88.0	-	140.0	
Diamond Bell I Zone Reservoir and Booster												
1994 Water Revenue Bond Funds	15.0	-	-	-	-	-	-	-	-	-	15.0	
2000 Water Revenue Bond Funds	12.1	12.0	-	12.0	-	-	-	-	12.0	-	24.1	
Future Water Revenue Bonds	-	-	-	-	660.0	-	-	-	660.0	-	660.0	
Tucson Water Revenue and Operations Fund	6.6	-	-	-	-	-	-	-	-	-	6.6	
	33.7	12.0	-	12.0	660.0	-	-	-	672.0	-	705.7	
Disinfection System Upgrades												
2000 Water Revenue Bond Funds	-	383.0	-	383.0	-	-	-	-	383.0	-	383.0	
Future Water Revenue Bonds	-	-	-	-	330.0	120.0	120.0	120.0	690.0	600.0	1,290.0	
Tucson Water Revenue and Operations Fund	-	-	470.0	470.0	-	-	-	-	470.0	-	470.0	
	-	383.0	470.0	853.0	330.0	120.0	120.0	120.0	1,543.0	600.0	2,143.0	
Murphy Reservoir Piping Modifications												
2000 Water Revenue Bond Funds	50.0	-	-	-	-	-	-	-	-	-	50.0	
Tucson Water Revenue and Operations Fund	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0	
	50.0	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,050.0	
Peppertree Ranch Y Zone Reservoir												
Future Water Revenue Bonds	-	-	-	-	-	-	250.0	368.0	618.0	1,700.0	2,318.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	250.0	-	1,332.0	1,582.0	-	1,582.0	
	-	-	-	-	-	250.0	250.0	1,700.0	2,200.0	1,700.0	3,900.0	

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Potable Storage - Future												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	1,000.0	2,000.0	1,000.0	1,000.0	5,300.0	-	-	5,300.0
	-	-	300.0	300.0	1,000.0	2,000.0	1,000.0	1,000.0	5,300.0	10,000.0	-	15,300.0
Reservoir Roof Replacements												
2000 Water Revenue Bond Funds	-	40.0	204.0	244.0	-	-	-	-	244.0	-	-	244.0
Future Water Revenue Bonds	-	-	-	-	204.0	204.0	204.0	204.0	816.0	1,020.0	-	1,836.0
	-	40.0	204.0	244.0	204.0	204.0	204.0	204.0	1,060.0	1,020.0	-	2,080.0
South Avra Valley Reservoir and Booster Station												
2000 Water Revenue Bond Funds	-	-	20.0	20.0	-	-	-	-	20.0	-	-	20.0
Future Water Revenue Bonds	-	-	-	-	-	180.0	-	-	180.0	-	-	180.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	7,470.0	-	7,470.0
	-	-	20.0	20.0	-	180.0	-	-	200.0	7,470.0	-	7,670.0
South Avra Valley Storage and Booster												
Future Water Revenue Bonds	-	-	-	-	-	-	351.0	-	351.0	-	-	351.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	649.0	-	649.0	-	-	649.0
	-	-	-	-	-	-	1,000.0	-	1,000.0	-	-	1,000.0
Southeast Area F Zone Reservoir												
Future Water Revenue Bonds	-	-	-	-	-	-	50.0	500.0	550.0	4,000.0	-	4,550.0
	-	-	-	-	-	-	50.0	500.0	550.0	4,000.0	-	4,550.0
Southeast C Zone Reservoir												
2000 Water Revenue Bond Funds	6.0	10.0	500.0	510.0	-	-	-	-	510.0	-	-	516.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	400.0	400.0	5,500.0	-	5,900.0
	6.0	10.0	500.0	510.0	-	-	-	400.0	910.0	5,500.0	-	6,416.0

Tucson Water - Potable Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Southeast E Zone Reservoir												
2000 Water Revenue Bond Funds	500.0	-	400.0	400.0	-	-	-	-	400.0	-	900.0	
Future Water Revenue Bonds	-	-	-	-	2,100.0	2,000.0	-	-	4,100.0	-	4,100.0	
	500.0	-	400.0	400.0	2,100.0	2,000.0	-	-	4,500.0	-	5,000.0	
Southeast G Zone Reservoir												
Future Water Revenue Bonds	-	-	-	-	-	-	200.0	900.0	1,100.0	2,900.0	4,000.0	
Tucson Water Revenue and Operations Fund	1.2	-	-	-	-	-	-	-	-	-	1.2	
	1.2	-	-	-	-	-	200.0	900.0	1,100.0	2,900.0	4,001.2	
Thornydale/Tangerine C-Zone Reservoir												
Future Water Revenue Bonds	-	-	-	-	650.0	-	-	-	650.0	-	650.0	
Tucson Water Revenue and Operations Fund	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0	
	-	-	550.0	550.0	650.0	-	-	-	1,200.0	-	1,200.0	
Westside C Zone Reservoir												
2000 Water Revenue Bond Funds	-	45.0	-	45.0	-	-	-	-	45.0	-	45.0	
Future Water Revenue Bonds	-	-	-	-	-	-	115.0	-	115.0	1,080.0	1,195.0	
	-	45.0	-	45.0	-	-	115.0	-	160.0	1,080.0	1,240.0	
Program Area Total	642.9	578.0	3,444.0	4,022.0	5,296.0	4,754.0	2,939.0	4,824.0	21,835.0	34,270.0	56,747.9	
Source of Funds Summary												
1994 Water Revenue Bond Funds	15.0	-	-	-	-	-	-	-	-	-	15.0	
2000 Water Revenue Bond Funds	620.1	578.0	1,124.0	1,702.0	-	-	-	-	1,702.0	-	2,322.1	
Future Water Revenue Bonds	-	-	-	-	4,296.0	2,504.0	1,290.0	2,492.0	10,582.0	26,800.0	37,382.0	
Tucson Water Revenue and Operations Fund	7.8	-	2,320.0	2,320.0	1,000.0	2,250.0	1,649.0	2,332.0	9,551.0	7,470.0	17,028.8	
Program Area Total	642.9	578.0	3,444.0	4,022.0	5,296.0	4,754.0	2,939.0	4,824.0	21,835.0	34,270.0	56,747.9	

Tucson Water - Potable Storage

(\$000)

<p>22nd Street Reservoir Modifications (Liner)</p> <p>Description: Design and install a new liner at the 22nd Street Reservoir.</p> <p>Justification: By Fiscal Year 2006, the existing liner will have reached its 25 year life expectancy and will need to be replaced to prevent reservoir leaks.</p>	<p>Project ID: W197 Start Date: 7/05 End Date: 6/06 Location: Ward 5</p>
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	352.0	-	-	-	352.0	-	352.0	
Total	-	-	-	-	352.0	-	-	-	352.0	-	352.0	

<p>Diamond Bell F Zone Reservoir</p> <p>Description: Install a 150,000 gallon storage tank at the Diamond Bell #1 isolated system site.</p> <p>Justification: This storage facility will provide gravity flow and fire protection to the new residential area in the F Zone near Well E-30.</p>	<p>Project ID: W388 Start Date: 7/02 End Date: 6/05 Location: County</p>
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	52.0	88.0	-	88.0	-	-	-	-	88.0	-	140.0	
Total	52.0	88.0	-	88.0	-	-	-	-	88.0	-	140.0	

Tucson Water - Potable Storage

(\$000)

Diamond Bell I Zone Reservoir and Booster										Project ID: W224		
Description: Acquire a site, design, and construct a 200,000 gallon storage tank and booster station at Diamond Bell Ranch, approximately six miles south of Ajo Highway and Sasabe Road.										Start Date: 7/99		
										End Date: 6/06		
										Location: County		
Justification: These improvements are needed to supplement the production and storage capabilities of Well F-2, which is currently the sole source of water supply for the Diamond Bell F-5, G-5, and I-5 isolated system service areas.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	15.0	-	-	-	-	-	-	-	-	-	-	15.0
2000 Water Revenue Bond Funds	12.1	12.0	-	12.0	-	-	-	-	-	12.0	-	24.1
Future Water Revenue Bonds	-	-	-	-	660.0	-	-	-	-	660.0	-	660.0
Tucson Water Revenue and Operations Fund	6.6	-	-	-	-	-	-	-	-	-	-	6.6
Total	33.7	12.0	-	12.0	660.0	-	-	-	-	672.0	-	705.7

Disinfection System Upgrades										Project ID: W221		
Description: Modify or replace disinfection equipment at reservoirs and wells.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: As disinfection equipment becomes deteriorated or obsolete, it must be replaced to ensure operational reliability.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	383.0	-	383.0	-	-	-	-	-	383.0	-	383.0
Future Water Revenue Bonds	-	-	-	-	330.0	120.0	120.0	120.0	-	690.0	600.0	1,290.0
Tucson Water Revenue and Operations Fund	-	-	470.0	470.0	-	-	-	-	-	470.0	-	470.0
Total	-	383.0	470.0	853.0	330.0	120.0	120.0	120.0	-	1,543.0	600.0	2,143.0

Tucson Water - Potable Storage

(\$000)

Murphy Reservoir Piping Modifications Description: Install new inflow and outflow piping, concrete vaults, flowmeters, valving, control, and electrical equipment. Justification: These modifications will provide for the proper circulation of stored water.										Project ID: W333 Start Date: 7/02 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	50.0	-	-	-	-	-	-	-	-	-	-	50.0
Tucson Water Revenue and Operations Fund	-	-	1,000.0	1,000.0	-	-	-	-	-	1,000.0	-	1,000.0
Total	50.0	-	1,000.0	1,000.0	-	-	-	-	-	1,000.0	-	1,050.0

Peppertree Ranch Y Zone Reservoir Description: Acquire a site, design, and construct a Y Zone Reservoir in the Continental/Peppertree Ranch area. The size of the reservoir will be determined based on hydraulic modeling and site location availability. Justification: This new reservoir will resolve pressure problems, providing adequate fireflow and domestic supply to this rapidly growing area. (Fireflow is the amount of water capacity required by the fire code.)										Project ID: W226 Start Date: 7/06 End Date: 6/10 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	250.0	368.0	618.0	1,700.0	-	2,318.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	250.0	-	1,332.0	1,582.0	-	-	1,582.0
Total	-	-	-	-	-	250.0	250.0	1,700.0	2,200.0	1,700.0	-	3,900.0

Tucson Water - Potable Storage

(\$000)

Potable Storage - Future 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: Annual End Date: Annual Location: City and County		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	1,000.0	2,000.0	1,000.0	1,000.0	5,300.0	-	5,300.0	
Total	-	-	300.0	300.0	1,000.0	2,000.0	1,000.0	1,000.0	5,300.0	10,000.0	15,300.0	

Reservoir Roof Replacements Description: Inspect, design, and construct necessary wall and roof modifications. Justification: These modifications will ensure that reservoirs are secure and sealed from the elements.										Project ID: W996 Start Date: Annual End Date: Annual Location: City and County		
										Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	40.0	204.0	244.0	-	-	-	-	244.0	-	244.0	
Future Water Revenue Bonds	-	-	-	-	204.0	204.0	204.0	204.0	816.0	1,020.0	1,836.0	
Total	-	40.0	204.0	244.0	204.0	204.0	204.0	204.0	1,060.0	1,020.0	2,080.0	

Tucson Water - Potable Storage

(\$000)

South Avra Valley Reservoir and Booster Station Description: Design and construct a forebay reservoir and booster in the South Avra Valley area. The design phase of this project will be completed by Fiscal Year 2007, followed by construction in Fiscal Years 2011 and 2012.										Project ID: W442 Start Date: 7/04 End Date: 6/12 Location: City and County		
Justification: This project will blend South Avra Valley water and CAP (Central Arizona Project) water into the distribution system.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	20.0	20.0	-	-	-	-	20.0	-	20.0	
Future Water Revenue Bonds	-	-	-	-	-	180.0	-	-	180.0	-	180.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	7,470.0	7,470.0	
Total	-	-	20.0	20.0	-	180.0	-	-	200.0	7,470.0	7,670.0	

South Avra Valley Storage and Booster Description: Design and install a 2 million gallon storage tank and booster to boost the South Avra Valley Well Field water for blending at the Hayden Udall Treatment Plant through the Spencer Avenue Transmission Main.										Project ID: W440 Start Date: 7/07 End Date: 6/08 Location: County		
Justification: This project will provide additional blending capability at the Hayden-Udall Treatment Plant.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved Year 2 FY 2006	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total		Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	351.0	-	351.0	-	351.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	649.0	-	649.0	-	649.0	
Total	-	-	-	-	-	-	1,000.0	-	1,000.0	-	1,000.0	

Tucson Water - Potable Storage

(\$000)

Southeast Area F Zone Reservoir Description: Acquire a site, design, and construct a 2 million gallon reservoir in the F Zone, parallel to Interstate 10. The design will be completed by Fiscal Year 2009, followed by construction in Fiscal Years 2010 and 2011. Justification: This project provides additional storage capacity to meet future needs.										Project ID: W341 Start Date: 7/07 End Date: 6/11 Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	50.0	500.0	550.0	4,000.0	4,550.0	
Total	-	-	-	-	-	-	50.0	500.0	550.0	4,000.0	4,550.0	

Southeast C Zone Reservoir Description: Design and construct a 25 million gallons per day booster and a 6 million gallon reservoir with future expansion capacity to a 15 million gallon reservoir. The design will be completed by Fiscal Year 2009, followed by construction in Fiscal Years 2009 and 2010. Justification: This reservoir will provide system reliability and manage peak demands in the Southeast C Zone.										Project ID: W409 Start Date: 7/03 End Date: 6/10 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	6.0	10.0	500.0	510.0	-	-	-	-	510.0	-	516.0	
Future Water Revenue Bonds	-	-	-	-	-	-	-	400.0	400.0	5,500.0	5,900.0	
Total	6.0	10.0	500.0	510.0	-	-	-	400.0	910.0	5,500.0	6,416.0	

Tucson Water - Potable Storage

(\$000)

Southeast E Zone Reservoir										Project ID: W340		
Description: Design and construct a 4 million gallon reservoir in the E Zone, parallel to Interstate 10. The design will be completed in Fiscal Year 2005, followed by construction in Fiscal Years 2006 and 2007.										Start Date: 7/03 End Date: 6/07		
Justification: This project provides additional storage capacity to meet future water demand.										Location: Ward 4		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	500.0	-	400.0	400.0	-	-	-	-	400.0	-	900.0	
Future Water Revenue Bonds	-	-	-	-	2,100.0	2,000.0	-	-	4,100.0	-	4,100.0	
Total	500.0	-	400.0	400.0	2,100.0	2,000.0	-	-	4,500.0	-	5,000.0	

Southeast G Zone Reservoir										Project ID: W260		
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.										Start Date: 6/03 End Date: 6/10		
Justification: This reservoir will upgrade the storage capacity for the Southeast G Zone service area.										Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	200.0	900.0	1,100.0	2,900.0	4,000.0	
Tucson Water Revenue and Operations Fund	1.2	-	-	-	-	-	-	-	-	-	1.2	
Total	1.2	-	-	-	-	-	200.0	900.0	1,100.0	2,900.0	4,001.2	

Tucson Water - Potable Storage

(\$000)

Thornycastle/Tangerine C-Zone Reservoir Description: Design and initial construction of a 3 million gallon reservoir. This facility will address projected population growth and increased water demand in this area.										Project ID: W471 Start Date: 7/04 End Date: 6/06 Location: County		
Justification: The existing facilities will fall short of meeting projected water demand in the near future.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	650.0	-	-	-	-	650.0	-	650.0
Tucson Water Revenue and Operations Fund	-	-	550.0	550.0	-	-	-	-	-	550.0	-	550.0
Total	-	-	550.0	550.0	650.0	-	-	-	-	1,200.0	-	1,200.0

Westside C Zone Reservoir 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 2008, followed by construction in Fiscal Years 2010 and 2011.										Project ID: W293 Start Date: 7/07 End Date: 6/11 Location: County		
Justification: This gravity storage project will provide service for anticipated growth.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	45.0	-	45.0	-	-	-	-	-	45.0	-	45.0
Future Water Revenue Bonds	-	-	-	-	-	-	115.0	-	-	115.0	1,080.0	1,195.0
Total	-	45.0	-	45.0	-	-	115.0	-	-	160.0	1,080.0	1,240.0

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Anklam A-B Zone Booster Station												
2000 Water Revenue Bond Funds	137.0	193.0	-	193.0	-	-	-	-	193.0	-	330.0	
	137.0	193.0	-	193.0	-	-	-	-	193.0	-	330.0	
Anklam B-C Zone Booster Station Modifications												
Future Water Revenue Bonds	-	-	-	-	300.0	-	-	-	300.0	-	300.0	
	-	-	-	-	300.0	-	-	-	300.0	-	300.0	
Clearwell Pressure Regulating Valve Stations												
2000 Water Revenue Bond Funds	402.6	-	-	-	-	-	-	-	-	-	402.6	
Future Water Revenue Bonds	-	-	-	-	400.0	400.0	-	400.0	1,200.0	400.0	1,600.0	
Tucson Water Revenue and Operations Fund	0.2	-	-	-	-	-	-	-	-	-	0.2	
	402.8	-	-	-	400.0	400.0	-	400.0	1,200.0	400.0	2,002.8	
Diamond Bell G-I Zone Booster Modifications												
1994 Water Revenue Bond Funds	30.0	-	-	-	-	-	-	-	-	-	30.0	
2000 Water Revenue Bond Funds	5.7	16.0	-	16.0	-	-	-	-	16.0	-	21.7	
Future Water Revenue Bonds	-	-	-	-	170.0	-	-	-	170.0	-	170.0	
	35.7	16.0	-	16.0	170.0	-	-	-	186.0	-	221.7	
Fireflow Booster Upgrades												
2000 Water Revenue Bond Funds	-	-	25.0	25.0	-	-	-	-	25.0	-	25.0	
Future Water Revenue Bonds	-	-	-	-	50.0	25.0	50.0	25.0	150.0	200.0	350.0	
	-	-	25.0	25.0	50.0	25.0	50.0	25.0	175.0	200.0	375.0	
Houghton I-K Booster Upgrade, Phase II												
2000 Water Revenue Bond Funds	-	-	93.0	93.0	-	-	-	-	93.0	-	93.0	
	-	-	93.0	93.0	-	-	-	-	93.0	-	93.0	

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Hydroelectric Facilities												
1984 Water Revenue Bond Funds	20.7	-	-	-	-	-	-	-	-	-	-	20.7
1994 Water Revenue Bond Funds	1.0	-	-	-	-	-	-	-	-	-	-	1.0
Future Water Revenue Bonds	-	-	-	-	-	-	1,000.0	750.0	1,750.0	3,300.0	5,050.0	
Tucson Water Revenue and Operations Fund	2.4	-	150.0	150.0	-	-	-	-	150.0	-	152.4	
	24.1	-	150.0	150.0	-	-	1,000.0	750.0	1,900.0	3,300.0	5,224.1	
I-1 Well and Booster Modifications												
1994 Water Revenue Bond Funds	22.9	-	-	-	-	-	-	-	-	-	-	22.9
2000 Water Revenue Bond Funds	-	-	25.0	25.0	-	-	-	-	25.0	-	25.0	
Future Water Revenue Bonds	-	-	-	-	25.0	200.0	-	-	225.0	-	225.0	
Tucson Water Revenue and Operations Fund	6.7	-	-	-	-	-	-	-	-	-	6.7	
	29.6	-	25.0	25.0	25.0	200.0	-	-	250.0	-	279.6	
Ironwood Hills A-B Booster Station Modifications												
2000 Water Revenue Bond Funds	93.4	178.0	-	178.0	-	-	-	-	178.0	-	271.4	
	93.4	178.0	-	178.0	-	-	-	-	178.0	-	271.4	
Las Palomas B-C Booster Station Modifications												
2000 Water Revenue Bond Funds	181.6	236.0	-	236.0	-	-	-	-	236.0	-	417.6	
	181.6	236.0	-	236.0	-	-	-	-	236.0	-	417.6	
Mark Road Booster Station Modifications												
2000 Water Revenue Bond Funds	120.0	100.0	-	100.0	-	-	-	-	100.0	-	220.0	
	120.0	100.0	-	100.0	-	-	-	-	100.0	-	220.0	
Potable Pumping Plant - Future												
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	1,200.0	1,400.0	1,200.0	750.0	4,850.0	8,450.0	13,300.0	
	-	-	300.0	300.0	1,200.0	1,400.0	1,200.0	750.0	4,850.0	8,450.0	13,300.0	

Tucson Water - Potable Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Pressure Regulating Valve Stations Modifications												
1994 Water Revenue Bond Funds	21.5	-	-	-	-	-	-	-	-	-	-	21.5
2000 Water Revenue Bond Funds	285.7	41.0	-	41.0	-	-	-	-	41.0	-	-	326.7
Tucson Water Revenue and Operations Fund	31.9	-	-	-	-	-	-	-	-	-	-	31.9
	339.1	41.0	-	41.0	-	-	-	-	41.0	-	-	380.1
Pumping Facility Modifications												
2000 Water Revenue Bond Funds	86.0	-	-	-	-	-	-	-	-	-	-	86.0
Future Water Revenue Bonds	-	-	-	-	300.0	300.0	300.0	300.0	1,200.0	1,500.0	2,700.0	2,700.0
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	-	-	-	-	300.0	-	-	300.0
	86.0	-	300.0	300.0	300.0	300.0	300.0	300.0	1,500.0	1,500.0	3,086.0	3,086.0
W-2 Well And Booster Modifications												
2000 Water Revenue Bond Funds	33.8	200.0	-	200.0	-	-	-	-	200.0	-	-	233.8
	33.8	200.0	-	200.0	-	-	-	-	200.0	-	-	233.8
Program Area Total	1,483.0	964.0	893.0	1,857.0	2,445.0	2,325.0	2,550.0	2,225.0	11,402.0	13,850.0	26,735.0	
Source of Funds Summary												
1984 Water Revenue Bond Funds	20.7	-	-	-	-	-	-	-	-	-	-	20.7
1994 Water Revenue Bond Funds	75.4	-	-	-	-	-	-	-	-	-	-	75.4
2000 Water Revenue Bond Funds	1,345.8	964.0	143.0	1,107.0	-	-	-	-	1,107.0	-	-	2,452.8
Future Water Revenue Bonds	-	-	-	-	1,245.0	925.0	1,350.0	1,475.0	4,995.0	5,400.0	10,395.0	10,395.0
Tucson Water Revenue and Operations Fund	41.2	-	750.0	750.0	1,200.0	1,400.0	1,200.0	750.0	5,300.0	8,450.0	13,791.2	13,791.2
Program Area Total	1,483.0	964.0	893.0	1,857.0	2,445.0	2,325.0	2,550.0	2,225.0	11,402.0	13,850.0	26,735.0	

Tucson Water - Potable Pumping Plant

(\$000)

Anklam A-B Zone Booster Station Description: Design and construct a permanent A-B Zone Booster Station. Justification: The new booster station will replace the existing temporary facility.										Project ID: W389 Start Date: 7/01 End Date: 6/05 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	137.0	193.0	-	193.0	-	-	-	-	193.0	-	330.0	
Total	137.0	193.0	-	193.0	-	-	-	-	193.0	-	330.0	

Anklam B-C Zone Booster Station Modifications Description: Design and construct modifications to replace the existing booster equipment located at the southwest corner of Greasewood and Anklam. Justification: These upgrades will ensure that peak demands and fireflow needs are met. (Fireflow is the amount of water capacity required by the fire code.)										Project ID: W390 Start Date: 7/05 End Date: 6/06 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	300.0	-	-	-	300.0	-	300.0	
Total	-	-	-	-	300.0	-	-	-	300.0	-	300.0	

Tucson Water - Potable Pumping Plant

(\$000)

Clearwell Pressure Regulating Valve Stations										Project ID: W347		
Description: Design and construct six pressure regulating valve stations, as required, on westside transmission mains.										Start Date: 7/01		
										End Date: 6/11		
										Location: City and County		
Justification: These pressure regulating valves are needed to deliver water to customers from the Clearwell Reservoir to various service areas.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	402.6	-	-	-	-	-	-	-	-	-	-	402.6
Future Water Revenue Bonds	-	-	-	-	400.0	400.0	-	400.0	-	1,200.0	400.0	1,600.0
Tucson Water Revenue and Operations Fund	0.2	-	-	-	-	-	-	-	-	-	-	0.2
Total	402.8	-	-	-	400.0	400.0	-	400.0	-	1,200.0	400.0	2,002.8

Diamond Bell G-I Zone Booster Modifications										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: 6/06		
										Location: County		
Justification: These modifications are needed to ensure reliability of the system in this remote service area.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	30.0	-	-	-	-	-	-	-	-	-	-	30.0
2000 Water Revenue Bond Funds	5.7	16.0	-	16.0	-	-	-	-	-	16.0	-	21.7
Future Water Revenue Bonds	-	-	-	-	170.0	-	-	-	-	170.0	-	170.0
Total	35.7	16.0	-	16.0	170.0	-	-	-	-	186.0	-	221.7

Tucson Water - Potable Pumping Plant

(\$000)

Fireflow Booster Upgrades Description: Design and install fireflow pumps, and upgrade piping and other equipment at various booster stations located inside the city limits. Justification: These upgrades are needed to provide adequate fireflow capacity. (Fireflow is the amount of water capacity required by the fire code.)										Project ID: W234 Start Date: Annual End Date: Annual Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	25.0	25.0	-	-	-	-	25.0	-	25.0	
Future Water Revenue Bonds	-	-	-	-	50.0	25.0	50.0	25.0	150.0	200.0	350.0	
Total	-	-	25.0	25.0	50.0	25.0	50.0	25.0	175.0	200.0	375.0	

Houghton I-K Booster Upgrade, Phase II Description: Design and install new plant piping, booster pumps, hydrotanks, electric control equipment, isolation valves, flowmeters, and flex couplings. Justification: These upgrades are needed to meet peak demand and fireflow needs in this growing service area. (Fireflow is the amount of water capacity required by the fire code.)										Project ID: W432 Start Date: 7/04 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	93.0	93.0	-	-	-	-	93.0	-	93.0	
Total	-	-	93.0	93.0	-	-	-	-	93.0	-	93.0	

Tucson Water - Potable Pumping Plant

(\$000)

Hydroelectric Facilities Description: Install hydroelectric generators at selected locations. The electrical energy recovered through these generators will be used to offset system power costs. The preliminary consultant study and design will be completed in Fiscal Year 2005. Construction will begin in Fiscal Year 2008 and be completed in Fiscal Year 2012. Justification: This project offers an opportunity to recover an otherwise lost resource in an environmentally responsible manner and to utilize the transmission main delivering water from the Clearwater Facility.										Project ID: W664		
										Start Date: 7/92		
										End Date: 6/12		
										Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 Water Revenue Bond Funds	20.7	-	-	-	-	-	-	-	-	-	-	20.7
1994 Water Revenue Bond Funds	1.0	-	-	-	-	-	-	-	-	-	-	1.0
Future Water Revenue Bonds	-	-	-	-	-	-	1,000.0	750.0	-	-	-	1,750.0
Tucson Water Revenue and Operations Fund	2.4	-	150.0	150.0	-	-	-	-	-	-	-	150.0
Total	24.1	-	150.0	150.0	-	-	1,000.0	750.0	-	-	-	1,900.0

I-1 Well and Booster Modifications Description: Design and construct modifications that will upgrade electrical equipment, pumps, instrumentation, piping, and safety features. Justification: These modifications will improve well and booster station operation and increase production capacity.										Project ID: W158		
										Start Date: 7/04		
										End Date: 6/07		
										Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	22.9	-	-	-	-	-	-	-	-	-	-	22.9
2000 Water Revenue Bond Funds	-	-	25.0	25.0	-	-	-	-	-	-	-	25.0
Future Water Revenue Bonds	-	-	-	-	25.0	200.0	-	-	-	-	-	225.0
Tucson Water Revenue and Operations Fund	6.7	-	-	-	-	-	-	-	-	-	-	6.7
Total	29.6	-	25.0	25.0	25.0	200.0	-	-	-	-	-	279.6

Tucson Water - Potable Pumping Plant

(\$000)

Ironwood Hills A-B Booster Station Modifications Description: Design and construct modifications that will replace the existing booster equipment. Justification: These modifications will increase the booster's ability to pump water to a higher elevation reservoir.										Project ID: W396 Start Date: 7/02 End Date: 6/05 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	93.4	178.0	-	178.0	-	-	-	-	178.0	-	271.4	
Total	93.4	178.0	-	178.0	-	-	-	-	178.0	-	271.4	

Las Palomas B-C Booster Station Modifications Description: Relocate the existing booster station, and upgrade its equipment. Justification: This relocation is needed to reduce potential for site flooding. The equipment upgrade will ensure operational efficiency.										Project ID: W391 Start Date: 7/01 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	181.6	236.0	-	236.0	-	-	-	-	236.0	-	417.6	
Total	181.6	236.0	-	236.0	-	-	-	-	236.0	-	417.6	

Tucson Water - Potable Pumping Plant

(\$000)

Mark Road Booster Station Modifications Description: Relocate the existing booster, and upgrade its equipment. Justification: The relocation is needed to reduce the potential for site flooding. The equipment upgrades will ensure operational efficiency.										Project ID: W392 Start Date: 7/02 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	120.0	100.0	-	100.0	-	-	-	-	100.0	-	220.0	
Total	120.0	100.0	-	100.0	-	-	-	-	100.0	-	220.0	

Potable Pumping Plant - Future 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: Identified projects will design and construct facilities to improve reliability and meet system demands.										Project ID: WC99 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	1,200.0	1,400.0	1,200.0	750.0	4,850.0	8,450.0	13,300.0	
Total	-	-	300.0	300.0	1,200.0	1,400.0	1,200.0	750.0	4,850.0	8,450.0	13,300.0	

Tucson Water - Potable Pumping Plant

(\$000)

Pressure Regulating Valve Stations Modifications										Project ID: W298		
Description: Design and construct pressure regulating stations throughout the water system.										Start Date: 7/99		
										End Date: 6/05		
										Location: City and County		
Justification: These modifications are needed to standardize stations and to upgrade undersized or substandard stations.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	21.5	-	-	-	-	-	-	-	-	-	-	21.5
2000 Water Revenue Bond Funds	285.7	41.0	-	41.0	-	-	-	-	-	41.0	-	326.7
Tucson Water Revenue and Operations Fund	31.9	-	-	-	-	-	-	-	-	-	-	31.9
Total	339.1	41.0	-	41.0	-	-	-	-	-	41.0	-	380.1

Pumping Facility Modifications										Project ID: W254		
Description: Modify existing production facilities, including the installation of new flow meters at existing booster facilities and at sites that do not currently have meters and the upsizing of pumps.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: These modifications are needed to ensure that system flows are monitored and logged to improve pump efficiency, reliability, and capacity.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	86.0	-	-	-	-	-	-	-	-	-	-	86.0
Future Water Revenue Bonds	-	-	-	-	300.0	300.0	300.0	300.0	-	1,200.0	1,500.0	2,700.0
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	-	-	-	-	-	300.0	-	300.0
Total	86.0	-	300.0	300.0	300.0	300.0	300.0	300.0	300.0	1,500.0	1,500.0	3,086.0

Tucson Water - Potable Pumping Plant

(\$000)

W-2 Well And Booster Modifications Description: Complete the installation of the storage tank and associated piping. Justification: This project will provide fireflow protection to the rapidly expanding area. (Fireflow is the amount of water capacity required by the fire code.)										Project ID: W228 Start Date: 7/01 End Date: 6/05 Location: County	
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	33.8	200.0	-	200.0	-	-	-	-	200.0	-	233.8	
Total	33.8	200.0	-	200.0	-	-	-	-	200.0	-	233.8	

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Aviation and Third Avenue Manholes												
2000 Water Revenue Bond Funds	40.0	460.0	-	460.0	-	-	-	-	460.0	-	500.0	
	40.0	460.0	-	460.0	-	-	-	-	460.0	-	500.0	
Avra Valley Transmission Main Augmentation												
Central Arizona Project Reserve Fund	-	-	-	-	-	-	11.0	11.0	22.0	-	22.0	
Future Water Revenue Bonds	-	-	-	-	225.0	590.0	2,639.0	7,439.0	10,893.0	-	10,893.0	
	-	-	-	-	225.0	590.0	2,650.0	7,450.0	10,915.0	-	10,915.0	
Cathodic Corrosion Protection Installation												
2000 Water Revenue Bond Funds	277.4	-	600.0	600.0	-	-	-	-	600.0	-	877.4	
Future Water Revenue Bonds	-	-	-	-	400.0	-	-	-	400.0	-	400.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	2,200.0	-	-	-	2,200.0	-	2,200.0	
	277.4	-	600.0	600.0	2,600.0	-	-	-	3,200.0	-	3,477.4	
Christie Drive F Zone Transmission Main												
2000 Water Revenue Bond Funds	-	-	10.0	10.0	-	-	-	-	10.0	-	10.0	
Future Water Revenue Bonds	-	-	-	-	50.0	-	-	-	50.0	-	50.0	
	-	-	10.0	10.0	50.0	-	-	-	60.0	-	60.0	
Clearwell/Columbus Manhole Improvements												
Tucson Water Revenue and Operations Fund	-	-	190.0	190.0	700.0	-	-	-	890.0	-	890.0	
	-	-	190.0	190.0	700.0	-	-	-	890.0	-	890.0	
Corrosion Evaluation and Repair												
2000 Water Revenue Bond Funds	25.0	-	75.0	75.0	-	-	-	-	75.0	-	100.0	
Future Water Revenue Bonds	-	-	-	-	25.0	-	-	-	25.0	-	25.0	
	25.0	-	75.0	75.0	25.0	-	-	-	100.0	-	125.0	
Diamond Bell I Zone Transmission Main												
2000 Water Revenue Bond Funds	11.6	-	-	-	-	-	-	-	-	-	11.6	
Tucson Water Revenue and Operations Fund	-	-	323.0	323.0	-	-	-	-	323.0	-	323.0	
	11.6	-	323.0	323.0	-	-	-	-	323.0	-	334.6	

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Diamond Bell J Zone Transmission Main												
2000 Water Revenue Bond Funds	12.0	-	85.0	85.0	-	-	-	-	85.0	-	97.0	
	12.0	-	85.0	85.0	-	-	-	-	85.0	-	97.0	
Old Nogales Highway Transmission Main												
2000 Water Revenue Bond Funds	1,608.4	500.0	-	500.0	-	-	-	-	500.0	-	2,108.4	
Tucson Water Revenue and Operations Fund	2,600.0	-	-	-	-	-	-	-	-	-	2,600.0	
	4,208.4	500.0	-	500.0	-	-	-	-	500.0	-	4,708.4	
Plumer/Broadway B Zone Transmission Main												
2000 Water Revenue Bond Funds	791.6	100.0	-	100.0	-	-	-	-	100.0	-	891.6	
	791.6	100.0	-	100.0	-	-	-	-	100.0	-	891.6	
Santa Rita Bel Air Transmission Main (Well H-2)												
2000 Water Revenue Bond Funds	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Future Water Revenue Bonds	-	-	-	-	2,087.0	-	-	-	2,087.0	-	2,087.0	
	-	-	150.0	150.0	2,087.0	-	-	-	2,237.0	-	2,237.0	
Santa Rita Bel Air Transmission Main (Well H-3)												
Future Water Revenue Bonds	-	-	-	-	-	-	600.0	-	600.0	-	600.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	170.0	-	-	170.0	-	170.0	
	-	-	-	-	-	170.0	600.0	-	770.0	-	770.0	
South Avra Valley Raw Water Delivery Pipeline												
2000 Water Revenue Bond Funds	35.0	-	620.0	620.0	-	-	-	-	620.0	-	655.0	
Future Water Revenue Bonds	-	-	-	-	815.0	5,990.0	-	-	6,805.0	-	6,805.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	430.0	-	-	-	430.0	-	430.0	
	35.0	-	620.0	620.0	1,245.0	5,990.0	-	-	7,855.0	-	7,890.0	
South Avra Valley Recovered Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	6,530.0	6,530.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	8.0	8.0	-	8.0	
	-	-	-	-	-	-	-	8.0	8.0	6,530.0	6,538.0	

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Southeast C Zone Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	400.0	557.0	957.0	2,000.0	2,957.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	600.0	600.0	-	600.0	
	-	-	-	-	-	-	400.0	1,157.0	1,557.0	2,000.0	3,557.0	
Southeast E Zone Transmission Main												
2000 Water Revenue Bond Funds	154.4	-	700.0	700.0	-	-	-	-	700.0	-	854.4	
Future Water Revenue Bonds	-	-	-	-	1,150.0	-	-	-	1,150.0	-	1,150.0	
Tucson Water Revenue and Operations Fund	11.0	-	1,300.0	1,300.0	-	-	-	-	1,300.0	-	1,311.0	
	165.4	-	2,000.0	2,000.0	1,150.0	-	-	-	3,150.0	-	3,315.4	
Southeast F Zone Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	300.0	500.0	800.0	1,500.0	2,300.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.0	
	-	-	-	-	-	-	300.0	1,500.0	1,800.0	1,500.0	3,300.0	
Southwest C Zone Transmission Main												
2000 Water Revenue Bond Funds	403.3	100.0	-	100.0	-	-	-	-	100.0	-	503.3	
	403.3	100.0	-	100.0	-	-	-	-	100.0	-	503.3	
Spencer Avenue Transmission Main												
2000 Water Revenue Bond Funds	-	-	922.0	922.0	-	-	-	-	922.0	-	922.0	
Future Water Revenue Bonds	-	-	-	-	3,436.0	-	-	-	3,436.0	-	3,436.0	
Tucson Water Revenue and Operations Fund	-	-	623.0	623.0	764.0	-	-	-	1,387.0	-	1,387.0	
	-	-	1,545.0	1,545.0	4,200.0	-	-	-	5,745.0	-	5,745.0	
Transmission Main Projects - Future												
Future Water Revenue Bonds	-	-	-	-	698.0	-	1,400.0	-	2,098.0	18,000.0	20,098.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	1,830.0	-	2,000.0	3,830.0	-	3,830.0	
	-	-	-	-	698.0	1,830.0	1,400.0	2,000.0	5,928.0	18,000.0	23,928.0	

Tucson Water - Potable Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Upgrade Corrosion Test Stations												
2000 Water Revenue Bond Funds	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0	
Future Water Revenue Bonds	-	-	-	-	50.0	50.0	50.0	50.0	200.0	250.0	450.0	
	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0	
Westside C Zone Reservoir Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	50.0	-	50.0	500.0	550.0	
	-	-	-	-	-	-	50.0	-	50.0	500.0	550.0	
Program Area Total	5,969.7	1,160.0	5,648.0	6,808.0	13,030.0	8,630.0	5,450.0	12,165.0	46,083.0	28,780.0	80,832.7	
Source of Funds Summary												
2000 Water Revenue Bond Funds	3,358.7	1,160.0	3,212.0	4,372.0	-	-	-	-	4,372.0	-	7,730.7	
Central Arizona Project Reserve Fund	-	-	-	-	-	-	11.0	11.0	22.0	-	22.0	
Future Water Revenue Bonds	-	-	-	-	8,936.0	6,630.0	5,439.0	8,546.0	29,551.0	28,780.0	58,331.0	
Tucson Water Revenue and Operations Fund	2,611.0	-	2,436.0	2,436.0	4,094.0	2,000.0	-	3,608.0	12,138.0	-	14,749.0	
Program Area Total	5,969.7	1,160.0	5,648.0	6,808.0	13,030.0	8,630.0	5,450.0	12,165.0	46,083.0	28,780.0	80,832.7	

Tucson Water - Potable Transmission

(\$000)

Aviation and Third Avenue Manholes Description: Design and construct manhole structures over 11 existing access manways on the 48-inch Aviation/3rd Avenue concrete cylinder transmission main. Justification: This project is necessary to provide safer ingress/egress to the pipeline interior to perform maintenance and visual inspections.										Project ID: W455 Start Date: 11/03 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	40.0	460.0	-	460.0	-	-	-	-	460.0	-	500.0	
Total	40.0	460.0	-	460.0	-	-	-	-	460.0	-	500.0	

Avra Valley Transmission Main Augmentation Description: Design and construct 8 miles of 66-inch backup transmission main. The design will be completed in Fiscal Year 2007, followed by construction in Fiscal Years 2008 and 2009. From the Hayden-Udall Treatment Plant, the main will follow south along Spencer Avenue, then east on Valencia to the Martin Reservoir. Justification: This backup transmission main will ensure reliable conveyance of Clearwater and Avra Valley well field water to the central system at Martin Reservoir.										Project ID: W410 Start Date: 7/05 End Date: 6/09 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Central Arizona Project Reserve Fund	-	-	-	-	-	-	11.0	11.0	22.0	-	22.0	
Future Water Revenue Bonds	-	-	-	-	225.0	590.0	2,639.0	7,439.0	10,893.0	-	10,893.0	
Total	-	-	-	-	225.0	590.0	2,650.0	7,450.0	10,915.0	-	10,915.0	

Tucson Water - Potable Transmission

(\$000)

Cathodic Corrosion Protection Installation Description: Design and install cathodic protection (sacrificial anodes, deep well rectifiers, and pipe-joint bonding) at various locations along the transmission system. Justification: Cathodic protection prevents electrical currents from corroding transmission pipelines and compromising the system's reliability.										Project ID: W320 Start Date: 7/01 End Date: 6/06 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	277.4	-	600.0	600.0	-	-	-	-	600.0	-	877.4	
Future Water Revenue Bonds	-	-	-	-	400.0	-	-	-	400.0	-	400.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	2,200.0	-	-	-	2,200.0	-	2,200.0	
Total	277.4	-	600.0	600.0	2,600.0	-	-	-	3,200.0	-	3,477.4	

Christie Drive F Zone Transmission Main Description: Design and install 1,000 feet of new 12-inch transmission main in the F Zone area parallel to an existing 12-inch transmission main along Sendero de Juana from Calle Elena to McGee Road. Justification: This transmission main will serve the F-Zone and a portion of the D Zone customers.										Project ID: W363 Start Date: 7/04 End Date: 6/06 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	10.0	10.0	-	-	-	-	10.0	-	10.0	
Future Water Revenue Bonds	-	-	-	-	50.0	-	-	-	50.0	-	50.0	
Total	-	-	10.0	10.0	50.0	-	-	-	60.0	-	60.0	

Tucson Water - Potable Transmission

(\$000)

Clearwell/Columbus Manhole Improvements Description: Design and construct five manholes at existing 24-inch man-ways, and modify six man-way blind flanges with gate valves. Justification: This project will facilitate dewatering and hydraphone installations.										Project ID: W458 Start Date: 7/04 End Date: 6/06 Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	190.0	190.0	700.0	-	-	-	890.0	-	890.0	
Total	-	-	190.0	190.0	700.0	-	-	-	890.0	-	890.0	

Corrosion Evaluation and Repair Description: Design cathodic and corrosion testing, and evaluation of cathodic protection systems by a corrosion specialist certified by the National Association of Corrosion Engineers. Justification: Corrosion test stations are necessary to monitor and predict the need for main repairs.										Project ID: W053 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	25.0	-	75.0	75.0	-	-	-	-	75.0	-	100.0	
Future Water Revenue Bonds	-	-	-	-	25.0	-	-	-	25.0	-	25.0	
Total	25.0	-	75.0	75.0	25.0	-	-	-	100.0	-	125.0	

Tucson Water - Potable Transmission

(\$000)

Diamond Bell I Zone Transmission Main Description: Design and install approximately 7,000 feet of 12-inch transmission main from the Diamond Bell Booster site to the Diamond Bell I Zone Reservoir located 6 miles south of Ajo Highway and Sasabe Road. Justification: This main will provide improvements to the existing isolated distribution system's efficiency and reliability to convey water from the new I-Zone well.										Project ID: W315 Start Date: 7/02 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	11.6	-	-	-	-	-	-	-	-	-	-	11.6
Tucson Water Revenue and Operations Fund	-	-	323.0	323.0	-	-	-	-	-	323.0	-	323.0
Total	11.6	-	323.0	323.0	-	-	-	-	-	323.0	-	334.6

Diamond Bell J Zone Transmission Main Description: Design and install approximately 3,500 feet of 8-inch transmission main to connect the Diamond Bell I-J Booster Station, located at Sasabe Road and Diamond Bell Ranch Road, to the Diamond Bell distribution system. Justification: This project will convey water from a new well into the distribution system.										Project ID: W335 Start Date: 7/02 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	12.0	-	85.0	85.0	-	-	-	-	-	85.0	-	97.0
Total	12.0	-	85.0	85.0	-	-	-	-	-	85.0	-	97.0

Tucson Water - Potable Transmission

(\$000)

Old Nogales Highway Transmission Main Description: Install approximately 42,500 feet of 36-inch transmission main along the Old Nogales Highway between Medina Road and Lumber Street. Justification: The existing abandoned main will be slip-lined to replace the deteriorating active main, which will then serve as a redundant main in the system.										Project ID: W357 Start Date: 11/00 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	1,608.4	500.0	-	500.0	-	-	-	-	500.0	-	2,108.4	
Tucson Water Revenue and Operations Fund	2,600.0	-	-	-	-	-	-	-	-	-	2,600.0	
Total	4,208.4	500.0	-	500.0	-	-	-	-	500.0	-	4,708.4	

Plumer/Broadway B Zone Transmission Main Description: Complete the installation of approximately 9,200 feet of new 24-inch main at Plumer Avenue from 22nd Street to 3rd Street. Justification: This main will provide adequate water flow and service to the central portion of the central B Zone and transport water from the Clearwell Reservoir, which will decrease pumpage in the central well field.										Project ID: W326 Start Date: 7/01 End Date: 6/05 Location: Wards 5 and 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	791.6	100.0	-	100.0	-	-	-	-	100.0	-	891.6	
Total	791.6	100.0	-	100.0	-	-	-	-	100.0	-	891.6	

Tucson Water - Potable Transmission

(\$000)

										Project ID: W337		
										Start Date: 7/04		
										End Date: 6/06		
										Location: County		
Santa Rita Bel Air Transmission Main (Well H-2) Description: Install approximately 1 mile of 16-inch main and 2.7 miles of 24-inch main near the intersection of Harrison and Pima Mine Roads to the Houghton Road Storage Tank located on Houghton Road approximately 0.25 mile north of Sahuarita Road. Justification: This project will provide the additional capacity needed to serve a growing area.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	150.0	150.0	-	-	-	-	-	150.0	-	150.0
Future Water Revenue Bonds	-	-	-	-	2,087.0	-	-	-	-	2,087.0	-	2,087.0
Total	-	-	150.0	150.0	2,087.0	-	-	-	-	2,237.0	-	2,237.0
Santa Rita Bel Air Transmission Main (Well H-3) Description: Design and construct 6,000 feet of 24-inch main in the southeast service area. Justification: This project is necessary to increase the flow capacity to the I Zone Reservoir.										Project ID: W466		
										Start Date: 7/06		
										End Date: 6/08		
										Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	600.0	-	-	600.0	-	600.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	170.0	-	-	-	170.0	-	170.0
Total	-	-	-	-	-	170.0	600.0	-	-	770.0	-	770.0

Tucson Water - Potable Transmission

(\$000)

South Avra Valley Raw Water Delivery Pipeline										Project ID: W339		
Description: Design and install approximately 21,000 feet of 48-inch transmission main in South Avra Valley, including a turn-out at the Central Arizona Project (CAP) canal. The design phase of this project will be completed in Fiscal Year 2005, followed by construction in Fiscal Years 2006 and 2007.										Start Date: 7/03		
										End Date: 6/07		
										Location: County		
Justification: This main will convey CAP raw water for recharge into the South Avra Valley area.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	35.0	-	620.0	620.0	-	-	-	-	620.0	-	655.0	
Future Water Revenue Bonds	-	-	-	-	815.0	5,990.0	-	-	6,805.0	-	6,805.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	430.0	-	-	-	430.0	-	430.0	
Total	35.0	-	620.0	620.0	1,245.0	5,990.0	-	-	7,855.0	-	7,890.0	

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 2011, followed by construction in Fiscal Years 2012 and 2013.										Start Date: 7/08		
										End Date: 6/13		
										Location: County		
Justification: The pipeline will convey Central Arizona Project water for recharge into the Avra Valley area to blend with the recovered water from the Clearwater Project.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	6,530.0	6,530.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	8.0	8.0	-	8.0	
Total	-	-	-	-	-	-	-	8.0	8.0	6,530.0	6,538.0	

Tucson Water - Potable Transmission

(\$000)

Southeast C Zone Transmission Main										Project ID: W408		
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 2008, followed by construction in Fiscal Years 2009 and 2010.										Start Date: 7/07		
										End Date: 6/10		
										Location: County		
Justification: This main will enable the utility to more readily convey water from Technical Drive to the Southeast C Zone reservoirs.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	400.0	557.0	957.0	2,000.0	2,957.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	600.0	600.0	-	600.0	
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 at the southeast corner of Hermans and Wilmot Roads. The main will then follow Wilmot Road south for two miles and head east along Old Vail Road for another two miles before reaching the Southeast E Zone reservoir site.										Start Date: 7/02		
										End Date: 6/06		
										Location: County		
Justification: This project will ensure the delivery of water to future developments in the southeast section of Tucson.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	154.4	-	700.0	700.0	-	-	-	-	700.0	-	854.4	
Future Water Revenue Bonds	-	-	-	-	1,150.0	-	-	-	1,150.0	-	1,150.0	
Tucson Water Revenue and Operations Fund	11.0	-	1,300.0	1,300.0	-	-	-	-	1,300.0	-	1,311.0	
Total	165.4	-	2,000.0	2,000.0	1,150.0	-	-	-	3,150.0	-	3,315.4	

Tucson Water - Potable Transmission

(\$000)

Southeast F Zone Transmission Main Description: Design and construct approximately 15,840 feet of 24-inch transmission main to connect the southeast area F Zone reservoir to the F Zone, which is located in the area bounded by Rita Road on the west, Rocket Stravenue on the north, Harrison Road on the east, and Rocket Road on the south. Justification: This project will ensure the delivery of water to future developments in the southeast section of the city.										Project ID: W338 Start Date: 7/07 End Date: 6/10 Location: Ward 4		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	300.0	500.0	800.0	1,500.0	2,300.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	1,000.0	1,000.0	-	1,000.0	
Total	-	-	-	-	-	-	300.0	1,500.0	1,800.0	1,500.0	3,300.0	

Southwest C Zone Transmission Main Description: Install one mile of 24-inch transmission main in the Spencer Avenue alignment from Valencia Road to Los Reales Road. This main will connect the Camino Rancho B-C Booster Station to the existing 24-inch C Zone main in Los Reales Road. Justification: This main will provide an adequate supply of SouthAvra Valley groundwater that can be boosted up to the Clearwell Reservoir for blending with water recovered at the Clearwater Renewable Resource Facility.										Project ID: W380 Start Date: 7/02 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	403.3	100.0	-	100.0	-	-	-	-	100.0	-	503.3	
Total	403.3	100.0	-	100.0	-	-	-	-	100.0	-	503.3	

Tucson Water - Potable Transmission

(\$000)

Spencer Avenue Transmission Main Description: Design and install approximately 10,500 feet of 60-inch main on Valencia Road north to the Hayden-Udall Treatment Plant Forebay.										Project ID: W323 Start Date: 7/04 End Date: 6/06 Location: County		
Justification: This main will convey South Avra Valley well water for blending with recovered water from the Clearwater Facility at the Hayden-Udall Forebay. As an alternative, the main will convey recovered blended water from Hayden-Udall into the Tucson valley to serve as a redundant system.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	922.0	922.0	-	-	-	-	922.0	-	922.0	
Future Water Revenue Bonds	-	-	-	-	3,436.0	-	-	-	3,436.0	-	3,436.0	
Tucson Water Revenue and Operations Fund	-	-	623.0	623.0	764.0	-	-	-	1,387.0	-	1,387.0	
Total	-	-	1,545.0	1,545.0	4,200.0	-	-	-	5,745.0	-	5,745.0	

Transmission Main Projects - Future 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 comprehensively examines system needs.										Project ID: WD99 Start Date: Annual End Date: Annual Location: City and County		
Justification: This project will ensure that the utility can meet future water demands.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	698.0	-	1,400.0	-	2,098.0	18,000.0	20,098.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	1,830.0	-	2,000.0	3,830.0	-	3,830.0	
Total	-	-	-	-	698.0	1,830.0	1,400.0	2,000.0	5,928.0	18,000.0	23,928.0	

Tucson Water - Potable Transmission

(\$000)

Upgrade Corrosion Test Stations Description: Upgrade and replace substandard transmission main corrosion test stations and rectifiers. Justification: These upgrades will enhance the reliability of Tucson Water's Corrosion Monitoring Program, providing a means to better monitor and predict potential pipeline failures.										Project ID: W327 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0	
Future Water Revenue Bonds	-	-	-	-	50.0	50.0	50.0	50.0	200.0	250.0	450.0	
Total	-	-	50.0	50.0	50.0	50.0	50.0	50.0	250.0	250.0	500.0	

Westside C Zone Reservoir Transmission Main Description: Design and install approximately 5,650 feet of 12-inch transmission main in West Camino del Cerro. Design and preliminary investigations will be completed by Fiscal Year 2008, followed by construction in Fiscal Year 2010. Justification: This main will connect the Westside C Zone Reservoir to the existing transmission system.										Project ID: W316 Start Date: 7/07 End Date: 6/10 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	50.0	-	50.0	500.0	550.0	
Total	-	-	-	-	-	-	50.0	-	50.0	500.0	550.0	

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Chip Seal Main Replacements												
Tucson Water Revenue and Operations Fund	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0	
	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0	
Distribution Main Projects - Future												
Tucson Water Revenue and Operations Fund	-	-	-	-	2,000.0	2,000.0	2,000.0	2,000.0	8,000.0	15,000.0	23,000.0	
	-	-	-	-	2,000.0	2,000.0	2,000.0	2,000.0	8,000.0	15,000.0	23,000.0	
Emergency Main Replacement												
2000 Water Revenue Bond Funds	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
Future Water Revenue Bonds	-	-	-	-	300.0	300.0	300.0	200.0	1,100.0	1,000.0	2,100.0	
	-	-	300.0	300.0	300.0	300.0	300.0	200.0	1,400.0	1,000.0	2,400.0	
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	
Midvale Farms Reimbursements												
1984 Water Revenue Bond Funds	18.2	-	-	-	-	-	-	-	-	-	18.2	
Tucson Water Revenue and Operations Fund	2,043.0	-	50.0	50.0	-	-	-	-	50.0	-	2,093.0	
	2,061.2	-	50.0	50.0	-	-	-	-	50.0	-	2,111.2	
On-Call Valve Replacement Program												
2000 Water Revenue Bond Funds	7.0	-	300.0	300.0	-	-	-	-	300.0	-	307.0	
Future Water Revenue Bonds	-	-	-	-	300.0	143.0	200.0	400.0	1,043.0	1,600.0	2,643.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	257.0	-	-	257.0	-	257.0	
	7.0	-	300.0	300.0	300.0	400.0	200.0	400.0	1,600.0	1,600.0	3,207.0	
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	

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Peppertree Settlement												
Tucson Water Revenue and Operations Fund	1,841.3	-	300.0	300.0	300.0	-	-	-	600.0	-	2,441.3	
	1,841.3	-	300.0	300.0	300.0	-	-	-	600.0	-	2,441.3	
Quadrant Main Replacements												
2000 Water Revenue Bond Funds	514.2	145.0	-	145.0	-	-	-	-	145.0	-	659.2	
Tucson Water Revenue and Operations Fund	23.9	-	700.0	700.0	800.0	-	-	-	1,500.0	-	1,523.9	
	538.0	145.0	700.0	845.0	800.0	-	-	-	1,645.0	-	2,183.0	
Review of 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												
2000 Water Revenue Bond Funds	-	1,000.0	2,759.0	3,759.0	-	-	-	-	3,759.0	-	3,759.0	
Future Water Revenue Bonds	-	-	-	-	4,300.0	3,100.0	3,100.0	2,686.0	13,186.0	15,500.0	28,686.0	
Tucson Water Revenue and Operations Fund	-	-	141.0	141.0	-	-	-	414.0	555.0	-	555.0	
	-	1,000.0	2,900.0	3,900.0	4,300.0	3,100.0	3,100.0	3,100.0	17,500.0	15,500.0	33,000.0	
Routine Main Replacements												
2000 Water Revenue Bond Funds	200.0	100.0	-	100.0	-	-	-	-	100.0	-	300.0	
Future Water Revenue Bonds	-	-	-	-	400.0	800.0	800.0	800.0	2,800.0	4,000.0	6,800.0	
Tucson Water Revenue and Operations Fund	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0	
	200.0	100.0	400.0	500.0	400.0	800.0	800.0	800.0	3,300.0	4,000.0	7,500.0	

Tucson Water - Potable Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Skyline Country Club System Modifications												
1994 Water Revenue Bond Funds	19.2	-	-	-	-	-	-	-	-	-	-	19.2
2000 Water Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	-	13.0
Tucson Water Revenue and Operations Fund	18.4	-	755.0	755.0	-	-	-	-	-	755.0	-	773.4
	50.6	-	755.0	755.0	-	-	-	-	-	755.0	-	805.6
Program Area Total	4,698.1	1,245.0	6,690.0	7,935.0	9,385.0	7,585.0	7,385.0	7,485.0	39,775.0	42,025.0	86,498.1	

Source of Funds Summary												
1984 Water Revenue Bond Funds	18.2	-	-	-	-	-	-	-	-	-	-	18.2
1994 Water Revenue Bond Funds	19.2	-	-	-	-	-	-	-	-	-	-	19.2
2000 Water Revenue Bond Funds	734.2	1,245.0	3,359.0	4,604.0	-	-	-	-	4,604.0	-	-	5,338.2
Future Water Revenue Bonds	-	-	-	-	5,300.0	4,343.0	4,400.0	4,086.0	18,129.0	22,100.0	-	40,229.0
Tucson Water Revenue and Operations Fund	3,926.6	-	3,331.0	3,331.0	4,085.0	3,242.0	2,985.0	3,399.0	17,042.0	19,925.0	-	40,893.6
Program Area Total	4,698.1	1,245.0	6,690.0	7,935.0	9,385.0	7,585.0	7,385.0	7,485.0	39,775.0	42,025.0	86,498.1	

Tucson Water - Potable Distribution

(\$000)

Chip Seal Main Replacements Description: Budget capacity for pavement chip seal work that is a part of main replacement projects. Justification: Chip sealing costs are centralized in this project, because it is more cost effective to bid a single contract rather than have separate contracts for individual projects.										Project ID: W139 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	25.0	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
Total	-	-	25.0	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0

Distribution Main Projects - Future 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: These projects will ensure that the system can meet peak requirements during the summer months.										Project ID: WDD9 Start Date: Annual End Date: Annual Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	8,000.0	15,000.0	23,000.0
Total	-	-	-	-	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	8,000.0	15,000.0	23,000.0

Tucson Water - Potable Distribution

(\$000)

Emergency Main Replacement Description: Install approximately 3,000 feet of 2-inch, 4-inch, and 6-inch mains on an as-needed, emergency basis. Justification: Immediate response to requests for emergency main replacements is required to reduce water loss, improve system reliability, and maintain water quality.										Project ID: W186 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
Future Water Revenue Bonds	-	-	-	-	300.0	300.0	300.0	200.0	1,100.0	1,000.0	2,100.0	
Total	-	-	300.0	300.0	300.0	300.0	300.0	200.0	1,400.0	1,000.0	2,400.0	

Extensions for New Services Description: Design and install extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer. Justification: Extensions allow Tucson Water to install (or upgrade piping in order to install) new services in an expedient manner. This project ensures that piping is suitable in strength and durability and is available to connect to the distribution system.										Project ID: W107 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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)

Midvale Farms Reimbursements Description: Reimburse developers for the installation of water systems under the Midvale Farms Agreement. Justification: Tucson Water must comply with its contractual agreement with the developers of Midvale Park subdivision.										Project ID: W532 Start Date: 7/02 End Date: 6/05 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 Water Revenue Bond Funds	18.2	-	-	-	-	-	-	-	-	-	-	18.2
Tucson Water Revenue and Operations Fund	2,043.0	-	50.0	50.0	-	-	-	-	-	50.0	-	2,093.0
Total	2,061.2	-	50.0	50.0	-	-	-	-	-	50.0	-	2,111.2

On-Call Valve Replacement Program Description: Upgrade and replace broken water valves. Justification: This replacement program reduces the number of unplanned water interruptions to customers, improves water quality, and contributes to system reliability.										Project ID: W283 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	7.0	-	300.0	300.0	-	-	-	-	-	300.0	-	307.0
Future Water Revenue Bonds	-	-	-	-	300.0	143.0	200.0	400.0	-	1,043.0	1,600.0	2,643.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	257.0	-	-	-	257.0	-	257.0
Total	7.0	-	300.0	300.0	300.0	400.0	200.0	400.0	-	1,600.0	1,600.0	3,207.0

Tucson Water - Potable Distribution

(\$000)

Payments to Developers for Oversized Systems Description: Reimburse developers for the cost of oversized water system components when Tucson Water requests a capacity greater than needed by the development. Justification: Oversizing is sometimes required to supply future projected demands consistent with Tucson Water's long range planning and to avoid expensive replacement by 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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	100.0	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	100.0	500.0	500.0	1,000.0

Peppertree Settlement Description: Budget capacity for settlements negotiated between Tucson Water and property owners within the Peppertree area. Justification: Tucson Water must comply with its contractual agreement with the developers of Peppertree (i.e., Continental Ranch) subdivision.										Project ID: W285 Start Date: 7/99 End Date: 6/06 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	1,841.3	-	300.0	300.0	300.0	-	-	-	-	600.0	-	2,441.3
Total	1,841.3	-	300.0	300.0	300.0	-	-	-	-	600.0	-	2,441.3

Tucson Water - Potable Distribution

(\$000)

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: 6/06 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	514.2	145.0	-	145.0	-	-	-	-	145.0	-	659.2	
Tucson Water Revenue and Operations Fund	23.9	-	700.0	700.0	800.0	-	-	-	1,500.0	-	1,523.9	
Total	538.0	145.0	700.0	845.0	800.0	-	-	-	1,645.0	-	2,183.0	

Review of Developer-Financed Potable Projects Description: Conduct plan reviews and construction inspection of developer-financed water system infrastructure projects. These systems are donated to Tucson Water upon completion. Associated costs are recovered by fees. Justification: The review of developer-financed water systems ensures that the projects comply with Tucson Water requirements.										Project ID: W109 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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	

Tucson Water - Potable Distribution

(\$000)

Road Improvement Main Replacements										Project ID: W111		
Description: Install water mains during road improvement projects of the city, Pima County, and the Arizona Department of Transportation.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	1,000.0	2,759.0	3,759.0	-	-	-	-	3,759.0	-	3,759.0	
Future Water Revenue Bonds	-	-	-	-	4,300.0	3,100.0	3,100.0	2,686.0	13,186.0	15,500.0	28,686.0	
Tucson Water Revenue and Operations Fund	-	-	141.0	141.0	-	-	-	414.0	555.0	-	555.0	
Total	-	1,000.0	2,900.0	3,900.0	4,300.0	3,100.0	3,100.0	3,100.0	17,500.0	15,500.0	33,000.0	

Routine Main Replacements										Project ID: W252		
Description: Design and construct previously unidentified minor main replacements.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: These main replacements improve service to water customers.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	200.0	100.0	-	100.0	-	-	-	-	100.0	-	300.0	
Future Water Revenue Bonds	-	-	-	-	400.0	800.0	800.0	800.0	2,800.0	4,000.0	6,800.0	
Tucson Water Revenue and Operations Fund	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0	
Total	200.0	100.0	400.0	500.0	400.0	800.0	800.0	800.0	3,300.0	4,000.0	7,500.0	

Tucson Water - Potable Distribution

(\$000)

Skyline Country Club System Modifications

Description:

Modify the existing water system in the vicinity of Skyline Country Club, which is located just north of the intersection of Swan and Skyline Roads.

Justification:

These modifications will standardize water pressure, improve booster station operation, and improve reliability in the service area.

Project ID: W188

Start Date: 7/97

End Date: 6/05

Location: County

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	19.2	-	-	-	-	-	-	-	-	-	-	19.2
2000 Water Revenue Bond Funds	13.0	-	-	-	-	-	-	-	-	-	-	13.0
Tucson Water Revenue and Operations Fund	18.4	-	755.0	755.0	-	-	-	-	-	755.0	-	773.4
Total	50.6	-	755.0	755.0	-	-	-	-	-	755.0	-	805.6

Tucson Water - Potable New Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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)

Fire Services Description: Design and install fire hydrants and service connections upon customer request and payment of connection fees. Justification: This project is required to provide for the installation of new fire hydrants.										Project ID: W124 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	7,500.0	15,000.0
Total	-	-	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	7,500.0	15,000.0

Water Services Description: Install new metered water services upon customer request and payment of connection fees. These water services include minor main connections, extensions to new services, and minor production facility upgrades. Justification: This project is required to provide for the installation of new metered services to customers upon request.										Project ID: W114 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	1,210.0	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
Total	-	-	1,210.0	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

Tucson Water - Potable General Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Clearwell Reservoir Access Road												
1984 Water Revenue Bond Funds	44.4	-	-	-	-	-	-	-	-	-	-	44.4
1994 Water Revenue Bond Funds	40.7	-	-	-	-	-	-	-	-	-	-	40.7
2000 Water Revenue Bond Funds	409.3	50.0	-	50.0	-	-	-	-	-	50.0	-	459.3
Tucson Water Revenue and Operations Fund	18.8	-	-	-	-	-	-	-	-	-	-	18.8
	513.2	50.0	-	50.0	-	-	-	-	-	50.0	-	563.2
Facility Improvements - Future												
Future Water Revenue Bonds	-	-	-	-	200.0	680.0	3,390.0	55.0	4,325.0	275.0	4,600.0	
	-	-	-	-	200.0	680.0	3,390.0	55.0	4,325.0	275.0	4,600.0	
Facility Safety and Security Improvements												
2000 Water Revenue Bond Funds	666.7	-	445.0	445.0	-	-	-	-	445.0	-	1,111.7	
Future Water Revenue Bonds	-	-	-	-	545.0	-	-	-	545.0	-	545.0	
	666.7	-	445.0	445.0	545.0	-	-	-	990.0	-	1,656.7	
Facility Security Grant												
Water Revenue and Operations Fund: Grants	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0	
	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0	
Geographic Information System												
2000 Water Revenue Bond Funds	1,458.3	-	-	-	-	-	-	-	-	-	-	1,458.3
Tucson Water Revenue and Operations Fund	1,006.1	-	597.0	597.0	506.0	100.0	-	-	1,203.0	-	2,209.1	
	2,464.3	-	597.0	597.0	506.0	100.0	-	-	1,203.0	-	3,667.3	
La Entrada Improvements												
Tucson Water Revenue and Operations Fund	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
La Entrada Structure Remedy												
Tucson Water Revenue and Operations Fund	-	-	-	-	270.0	-	-	-	270.0	-	270.0	
	-	-	-	-	270.0	-	-	-	270.0	-	270.0	

Tucson Water - Potable General Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Maintenance Management Program												
2000 Water Revenue Bond Funds	762.9	-	-	-	-	-	-	-	-	-	-	762.9
Tucson Water Revenue and Operations Fund	3,275.2	-	120.0	120.0	-	-	-	-	-	120.0	-	3,395.2
	4,038.0	-	120.0	120.0	-	-	-	-	-	120.0	-	4,158.0
Meter Upgrade and Replacement Program												
2000 Water Revenue Bond Funds	-	180.0	-	180.0	-	-	-	-	-	180.0	-	180.0
Future Water Revenue Bonds	-	-	-	-	450.0	-	150.0	707.0	-	1,307.0	-	1,307.0
Tucson Water Revenue and Operations Fund	-	-	990.0	990.0	1,440.0	2,060.0	1,910.0	1,353.0	-	7,753.0	-	7,753.0
	-	180.0	990.0	1,170.0	1,890.0	2,060.0	2,060.0	2,060.0	-	9,240.0	-	9,240.0
Microwave Radio Replacements												
1994 Water Revenue Bond Funds	271.0	-	-	-	-	-	-	-	-	-	-	271.0
2000 Water Revenue Bond Funds	797.8	85.0	-	85.0	-	-	-	-	-	85.0	-	882.8
Tucson Water Revenue and Operations Fund	573.0	-	-	-	-	-	-	-	-	-	-	573.0
	1,641.8	85.0	-	85.0	-	-	-	-	-	85.0	-	1,726.8
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	10.0	50.0	50.0	100.0
	-	-	10.0	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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Document Management												
2000 Water Revenue Bond Funds	-	50.0	-	50.0	-	-	-	-	50.0	-	50.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	1,000.0	2,000.0	-	-	3,000.0	-	3,000.0	
	-	50.0	-	50.0	1,000.0	2,000.0	-	-	3,050.0	-	3,050.0	
Program Area Total	9,324.0	365.0	2,962.0	3,327.0	4,671.0	4,850.0	5,460.0	2,125.0	20,433.0	325.0	30,082.0	

Source of Funds Summary												
1984 Water Revenue Bond Funds	44.4	-	-	-	-	-	-	-	-	-	-	44.4
1994 Water Revenue Bond Funds	311.7	-	-	-	-	-	-	-	-	-	-	311.7
2000 Water Revenue Bond Funds	4,094.9	365.0	445.0	810.0	-	-	-	-	810.0	-	-	4,904.9
Future Water Revenue Bonds	-	-	-	-	1,195.0	680.0	3,540.0	762.0	6,177.0	275.0	-	6,452.0
Tucson Water Revenue and Operations Fund	4,873.0	-	2,017.0	2,017.0	3,226.0	4,170.0	1,920.0	1,363.0	12,696.0	50.0	-	17,619.0
Water Revenue and Operations Fund: Grants	-	-	500.0	500.0	250.0	-	-	-	750.0	-	-	750.0
Program Area Total	9,324.0	365.0	2,962.0	3,327.0	4,671.0	4,850.0	5,460.0	2,125.0	20,433.0	325.0	-	30,082.0

Tucson Water - Potable General Plant

(\$000)

Clearwell Reservoir Access Road Description: Design and construct an access road to the Clearwell Reservoir. Justification: Access to the reservoir is needed for routine and emergency maintenance and the installation of equipment.										Project ID: W557 Start Date: 1/91 End Date: 6/05 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 Water Revenue Bond Funds	44.4	-	-	-	-	-	-	-	-	-	-	44.4
1994 Water Revenue Bond Funds	40.7	-	-	-	-	-	-	-	-	-	-	40.7
2000 Water Revenue Bond Funds	409.3	50.0	-	50.0	-	-	-	-	-	50.0	-	459.3
Tucson Water Revenue and Operations Fund	18.8	-	-	-	-	-	-	-	-	-	-	18.8
Total	513.2	50.0	-	50.0	-	-	-	-	-	50.0	-	563.2

Facility Improvements - Future 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. Fiscal Year 2008 includes funding to relocate Plant 1 to a different facility. Justification: Identified projects will provide needed safety improvements and reduce costs by improving efficiency at existing facilities.										Project ID: WG99 Start Date: Annual End Date: Annual Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	200.0	680.0	3,390.0	55.0	4,325.0	275.0	4,600.0	
Total	-	-	-	-	200.0	680.0	3,390.0	55.0	4,325.0	275.0	4,600.0	

Tucson Water - Potable General Plant

(\$000)

Facility Safety and Security Improvements Description: Design and construct safety and security systems to protect water facilities and systems. This project includes perimeter protection, access control, detection and alarm systems, and structural and system modifications. Justification: This project implements security changes recommended in the recent vulnerability assessment and will protect both personnel and public health.										Project ID: W381 Start Date: 9/01 End Date: 6/06 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	666.7	-	445.0	445.0	-	-	-	-	445.0	-	1,111.7	
Future Water Revenue Bonds	-	-	-	-	545.0	-	-	-	545.0	-	545.0	
Total	666.7	-	445.0	445.0	545.0	-	-	-	990.0	-	1,656.7	

Facility Security Grant Description: Construct additional security improvements at water facilities and for computer systems. Justification: This project will help insure that the latest in security technology is available to protect water facilities.										Project ID: W462 Start Date: 7/04 End Date: 6/06 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Water Revenue and Operations Fund: Grants	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0	
Total	-	-	500.0	500.0	250.0	-	-	-	750.0	-	750.0	

Tucson Water - Potable General Plant

(\$000)

Geographic Information System Description: Convert the existing paper-based valve map system to a digital system that is compatible with the department's computer systems.										Project ID: W358 Start Date: 7/01 End Date: 6/07 Location: City and County		
Justification: A digital system will provide for the immediate transmission of information for field use and will aid in timely response to main breaks and water shutdowns.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	1,458.3	-	-	-	-	-	-	-	-	-	-	1,458.3
Tucson Water Revenue and Operations Fund	1,006.1	-	597.0	597.0	506.0	100.0	-	-	-	1,203.0	-	2,209.1
Total	2,464.3	-	597.0	597.0	506.0	100.0	-	-	-	1,203.0	-	3,667.3

La Entrada Improvements Description: Construct minor structural changes and improvements needed to accommodate staff and improve operating efficiencies.										Project ID: W468 Start Date: 7/04 End Date: 6/05 Location: Ward 1		
Justification: This project will address minor upgrades that are needed at the La Entrada facility.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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 General Plant

(\$000)

La Entrada Structure Remedy Description: Design and construct improvements to the La Entrada facility that will remedy water leakage from the decorative planters on the terrace level. All the concrete will be repaired and covered with a special coating. Justification: Water has seeped through cracks in the topping slab and through the expansion joints, causing deterioration of the roof structure.										Project ID: W403 Start Date: 7/05 End Date: 6/06 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	270.0	-	-	-	-	270.0	-	270.0
Total	-	-	-	-	270.0	-	-	-	-	270.0	-	270.0

Maintenance Management Program Description: Reengineer Tucson Water's operations and maintenance functions. The results of the reengineering will be an operations and maintenance organization with a smaller, but better trained and equipped workforce. This reengineering is being accomplished through three tracks: organization, technology, and practices. Justification: This reengineering will result in substantial operational improvements, reducing maintenance costs.										Project ID: W415 Start Date: 7/01 End Date: 6/05 Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	762.9	-	-	-	-	-	-	-	-	-	-	762.9
Tucson Water Revenue and Operations Fund	3,275.2	-	120.0	120.0	-	-	-	-	-	120.0	-	3,395.2
Total	4,038.0	-	120.0	120.0	-	-	-	-	-	120.0	-	4,158.0

Tucson Water - Potable General Plant

(\$000)

Meter Upgrade and Replacement Program										Project ID: W435		
Description: Upgrade and install replacement meters as needed.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: The Water Department has more than 30,000 meters system-wide that are over 20 years old. Older meters become inefficient and tend to under-read water usage.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	180.0	-	180.0	-	-	-	-	180.0	-	180.0	
Future Water Revenue Bonds	-	-	-	-	450.0	-	150.0	707.0	1,307.0	-	1,307.0	
Tucson Water Revenue and Operations Fund	-	-	990.0	990.0	1,440.0	2,060.0	1,910.0	1,353.0	7,753.0	-	7,753.0	
Total	-	180.0	990.0	1,170.0	1,890.0	2,060.0	2,060.0	2,060.0	9,240.0	-	9,240.0	

Microwave Radio Replacements										Project ID: W251		
Description: Replace microwave radios at existing wells, reservoirs, boosters, and pressure regulating valve facilities. Microwave radios transmit data from remote sites to a single facility, providing centralized control of water flow.										Start Date: 7/98		
										End Date: 9/04		
										Location: City and County		
Justification: The existing microwave radio manufacturer will no longer furnish replacement parts or make repairs. Additionally, the current technology will not comply with anticipated Federal Communication Commission regulations.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	271.0	-	-	-	-	-	-	-	-	-	271.0	
2000 Water Revenue Bond Funds	797.8	85.0	-	85.0	-	-	-	-	85.0	-	882.8	
Tucson Water Revenue and Operations Fund	573.0	-	-	-	-	-	-	-	-	-	573.0	
Total	1,641.8	85.0	-	85.0	-	-	-	-	85.0	-	1,726.8	

Tucson Water - Potable General Plant

(\$000)

Miscellaneous Land and Right-of-Way Acquisitions										Project ID: W126		
Description: Budget capacity for preliminary real estate services such as the determination and acquisition of right-of way privileges or easements that are needed, but not specifically provided for in well, booster station, reservoir, and pipeline projects.										Start Date: Annual		
										End Date: Annual		
										Location: City and County		
Justification: The determination and acquisition of easements and right-of -way priveleges may be necessary prior to determining the feasibility of a project.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	10.0	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	10.0	50.0	50.0	100.0

Tucson Water Document Management										Project ID: W436		
Description: Develop a department-wide computerized system for managing important documents, including plans, permits, reports, policy statements, applications, and historical records. This system will allow integration with other systems such as the Maintenance Management Program and the Geographic Information System.										Start Date: 7/03		
										End Date: 6/07		
										Location: Citywide		
Justification: A unified document management system will preserve important documents and significantly increase staff efficiency in the storage and retrieval of documents.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	50.0	-	50.0	-	-	-	-	-	50.0	-	50.0
Tucson Water Revenue and Operations Fund	-	-	-	-	1,000.0	2,000.0	-	-	-	3,000.0	-	3,000.0
Total	-	50.0	-	50.0	1,000.0	2,000.0	-	-	-	3,050.0	-	3,050.0

Tucson Water - Potable Treatment

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Distribution System Treatment												
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
	-	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
Hayden-Udall Plant Rehabilitation												
1994 Water Revenue Bond Funds	2,465.6	-	-	-	-	-	-	-	-	-	-	2,465.6
2000 Water Revenue Bond Funds	2,258.6	-	-	-	-	-	-	-	-	-	-	2,258.6
Central Arizona Project Reserve Fund	67.6	-	11.0	11.0	11.0	11.0	-	-	33.0	-	-	100.6
Future Water Revenue Bonds	-	-	-	-	2,389.0	1,739.0	-	-	4,128.0	-	-	4,128.0
Tucson Water Revenue and Operations Fund	123.4	-	789.0	789.0	-	-	-	-	789.0	-	-	912.4
	4,915.1	-	800.0	800.0	2,400.0	1,750.0	-	-	4,950.0	-	-	9,865.1
Technical Drive Improvements												
2000 Water Revenue Bond Funds	400.0	-	-	-	-	-	-	-	-	-	-	400.0
Future Water Revenue Bonds	-	-	-	-	400.0	953.0	-	-	1,353.0	-	-	1,353.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	47.0	-	-	47.0	-	-	47.0
	400.0	-	-	-	400.0	1,000.0	-	-	1,400.0	-	-	1,800.0
Treatment Improvements - Future												
Tucson Water Revenue and Operations Fund	-	-	-	-	-	2,000.0	2,000.0	1,000.0	5,000.0	10,000.0	-	15,000.0
	-	-	-	-	-	2,000.0	2,000.0	1,000.0	5,000.0	10,000.0	-	15,000.0
Program Area Total	5,315.1	-	800.0	800.0	2,800.0	4,750.0	2,000.0	1,000.0	11,350.0	14,000.0	-	30,665.1
Source of Funds Summary												
1994 Water Revenue Bond Funds	2,465.6	-	-	-	-	-	-	-	-	-	-	2,465.6
2000 Water Revenue Bond Funds	2,658.6	-	-	-	-	-	-	-	-	-	-	2,658.6
Central Arizona Project Reserve Fund	67.6	-	11.0	11.0	11.0	11.0	-	-	33.0	-	-	100.6
Future Water Revenue Bonds	-	-	-	-	2,789.0	2,692.0	-	-	5,481.0	-	-	5,481.0
Tucson Water Revenue and Operations Fund	123.4	-	789.0	789.0	-	2,047.0	2,000.0	1,000.0	5,836.0	14,000.0	-	19,959.4
Program Area Total	5,315.1	-	800.0	800.0	2,800.0	4,750.0	2,000.0	1,000.0	11,350.0	14,000.0	-	30,665.1

Tucson Water - Potable Treatment

(\$000)

Distribution System Treatment									Project ID: W445			
Description: Implement chemical treatment of water at various sites within the potable distribution system, including Martin Reservoir and the Technical Drive Pressure Regulating Valve Station.									Start Date: 7/10			
									End Date: 6/13			
Justification: As the area's water chemistry changes in future years, this project provides for the additional treatment options that may be necessary within the distribution system.									Location: County			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0
Total	-	-	-	-	-	-	-	-	-	-	4,000.0	4,000.0

Hayden-Udall Plant Rehabilitation									Project ID: W165			
Description: Design and construct improvements at the Hayden-Udall Treatment Plant, including an upgrade of the control system and transition of the central potable control system from La Entrada to Hayden-Udall. The filter system and the ozone contactors will also be upgraded.									Start Date: 7/97			
									End Date: 6/07			
Justification: This project will address Tucson Water's strategic water resources plan by increasing the use of blended water supplies to meet future water system demands.									Location: County			
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	2,465.6	-	-	-	-	-	-	-	-	-	-	2,465.6
2000 Water Revenue Bond Funds	2,258.6	-	-	-	-	-	-	-	-	-	-	2,258.6
Central Arizona Project Reserve Fund	67.6	-	11.0	11.0	11.0	11.0	-	-	-	33.0	-	100.6
Future Water Revenue Bonds	-	-	-	-	2,389.0	1,739.0	-	-	-	4,128.0	-	4,128.0
Tucson Water Revenue and Operations Fund	123.4	-	789.0	789.0	-	-	-	-	-	789.0	-	912.4
Total	4,915.1	-	800.0	800.0	2,400.0	1,750.0	-	-	-	4,950.0	-	9,865.1

Tucson Water - Potable Treatment

(\$000)

Technical Drive Improvements										Project ID: W356		
Description: Design and construct a chemical feed facility and related flowmeter and water quality monitoring equipment at the Technical Drive Pressure Regulating Valve Station.										Start Date: 7/03		
										End Date: 6/07		
Justification: Additional water quality control is required for the Clearwater Renewable Resource Facility's blended water to maintain a high level of corrosion control for the water distribution system.										Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	400.0	-	-	-	-	-	-	-	-	-	-	400.0
Future Water Revenue Bonds	-	-	-	-	400.0	953.0	-	-	-	1,353.0	-	1,353.0
Tucson Water Revenue and Operations Fund	-	-	-	-	-	47.0	-	-	-	47.0	-	47.0
Total	400.0	-	-	-	400.0	1,000.0	-	-	-	1,400.0	-	1,800.0

Treatment Improvements - Future										Project ID: WH99		
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		
Justification: This project is needed to provide budget capacity for the water quality enhancements of source waters to meet both regulatory requirements and the community's expectations for the potable water system.										Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	-	2,000.0	2,000.0	1,000.0	-	5,000.0	10,000.0	15,000.0
Total	-	-	-	-	-	2,000.0	2,000.0	1,000.0	-	5,000.0	10,000.0	15,000.0

Tucson Water - Potable Process Control

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Catalina Radio Upgrade												
Tucson Water Revenue and Operations Fund	-	-	180.0	180.0	-	-	-	-	180.0	-	180.0	
	-	-	180.0	180.0	-	-	-	-	180.0	-	180.0	
Control Panel Replacements												
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	0.2	
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	92.8	
2000 Water Revenue Bond Funds	708.3	34.0	-	34.0	-	-	-	-	34.0	-	742.3	
Tucson Water Revenue and Operations Fund	1,378.4	-	100.0	100.0	-	-	-	-	100.0	-	1,478.4	
	2,179.7	34.0	100.0	134.0	-	-	-	-	134.0	-	2,313.7	
Photovoltaic Monitoring Control												
2000 Water Revenue Bond Funds	8.0	-	-	-	-	-	-	-	-	-	8.0	
Tucson Water Revenue and Operations Fund	58.4	-	15.0	15.0	15.0	15.0	-	-	45.0	-	103.4	
	66.4	-	15.0	15.0	15.0	15.0	-	-	45.0	-	111.4	
Tumamoc Hill Radio Upgrade												
Tucson Water Revenue and Operations Fund	-	-	180.0	180.0	-	-	-	-	180.0	-	180.0	
	-	-	180.0	180.0	-	-	-	-	180.0	-	180.0	
Program Area Total	2,246.1	34.0	475.0	509.0	15.0	15.0	-	-	539.0	-	2,785.1	
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	716.3	34.0	-	34.0	-	-	-	-	34.0	-	750.3	
Tucson Water Revenue and Operations Fund	1,436.7	-	475.0	475.0	15.0	15.0	-	-	505.0	-	1,941.7	
Program Area Total	2,246.1	34.0	475.0	509.0	15.0	15.0	-	-	539.0	-	2,785.1	

Tucson Water - Potable Process Control

(\$000)

Catalina Radio Upgrade Description: Upgrade this master radio location that provides area coverage across the Tucson Valley and allows up to 60 remote site stations to link with the central system. Justification: New equipment will be installed to replace this antiquated 20 year old radio system.										Project ID: W450 Start Date: 10/04 End Date: 6/05 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	180.0	180.0	-	-	-	-	-	180.0	-	180.0
Total	-	-	180.0	180.0	-	-	-	-	-	180.0	-	180.0

Control Panel Replacements Description: Install new control panels and dependent electronic equipment at wells, booster stations, reservoirs, and pressure regulating valve facilities. Justification: Existing control panels are approaching 20 years of service. Replacement panels are needed to ensure system reliability.										Project ID: W045 Start Date: 7/97 End Date: 6/05 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 Water Revenue Bond Funds	0.2	-	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bond Funds	92.8	-	-	-	-	-	-	-	-	-	-	92.8
2000 Water Revenue Bond Funds	708.3	34.0	-	34.0	-	-	-	-	-	34.0	-	742.3
Tucson Water Revenue and Operations Fund	1,378.4	-	100.0	100.0	-	-	-	-	-	100.0	-	1,478.4
Total	2,179.7	34.0	100.0	134.0	-	-	-	-	-	134.0	-	2,313.7

Tucson Water - Potable Process Control

(\$000)

Photovoltaic Monitoring Control Description: Design and implement photovoltaic monitoring and control of key pressure regulating valve sites to provide real-time data to operators. Justification: Real-time data from key pressure regulating valve sites will provide operators with greater flexibility and control in managing the water system and improve operational efficiency.										Project ID: W437 Start Date: 7/02 End Date: 6/07 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	8.0	-	-	-	-	-	-	-	-	-	-	8.0
Tucson Water Revenue and Operations Fund	58.4	-	15.0	15.0	15.0	15.0	-	-	-	45.0	-	103.4
Total	66.4	-	15.0	15.0	15.0	15.0	-	-	-	45.0	-	111.4

Tumamoc Hill Radio Upgrade Description: Upgrade this master radio location that provides area coverage across the Tucson Valley and allows up to 60 remote sites stations to link with the central system. Justification: New equipment will be installed to replace this 20 year old antiquated system.										Project ID: W449 Start Date: 10/04 End Date: 6/05 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	180.0	180.0	-	-	-	-	-	180.0	-	180.0
Total	-	-	180.0	180.0	-	-	-	-	-	180.0	-	180.0

Tucson Water - Capitalized Expense

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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	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	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	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	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	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. Justification: The capital portion of the utility's administrative overhead costs must be capitalized as a depreciable asset.										Project ID: W129 Start Date: Annual End Date: Annual Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	5,000.0	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
Total	-	-	5,000.0	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

Tucson Water - Reclaimed Water System

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
Tucson Water - Reclaimed Source Development	2,197.2	810.0	1,150.0	1,960.0	350.0	-	1,800.0	3,400.0	7,510.0	3,400.0	13,107.2
Tucson Water - Reclaimed Storage	44.1	313.0	350.0	663.0	970.0	870.0	4,580.0	870.0	7,953.0	6,970.0	14,967.1
Tucson Water - Reclaimed Pumping Plant	290.8	195.0	2,195.0	2,390.0	1,255.0	1,055.0	775.0	1,495.0	6,970.0	1,440.0	8,700.8
Tucson Water - Reclaimed Transmission	4,664.8	2,421.0	5,405.0	7,826.0	600.0	900.0	3,663.0	2,598.0	15,587.0	5,430.0	25,681.8
Tucson Water - Reclaimed Distribution	-	-	325.0	325.0	325.0	325.0	560.0	1,100.0	2,635.0	3,320.0	5,955.0
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	819.7	500.0	1,080.0	1,580.0	50.0	850.0	-	-	2,480.0	-	3,299.7
Tucson Water - Reclaimed Process Control	566.0	53.0	30.0	83.0	80.0	80.0	80.0	250.0	573.0	1,250.0	2,389.0
Program Total	8,582.6	4,292.0	10,585.0	14,877.0	3,680.0	4,130.0	11,508.0	9,763.0	43,958.0	22,060.0	74,600.6

Source of Funds Summary											
1984 Water Revenue Bond Funds	86.1	-	-	-	-	-	-	-	-	-	86.1
1994 Water Revenue Bond Funds	683.9	-	-	-	-	-	-	-	-	-	683.9
2000 Water Revenue Bond Funds	6,695.3	4,292.0	9,596.0	13,888.0	-	-	-	-	13,888.0	-	20,583.3
Future Water Revenue Bonds	-	-	-	-	2,805.0	3,455.0	7,549.0	9,318.0	23,127.0	18,480.0	41,607.0
Tucson Water Revenue and Operations Fund	1,117.2	-	989.0	989.0	875.0	675.0	3,959.0	445.0	6,943.0	3,580.0	11,640.2
Program Total	8,582.6	4,292.0	10,585.0	14,877.0	3,680.0	4,130.0	11,508.0	9,763.0	43,958.0	22,060.0	74,600.6

Tucson Water - Reclaimed Source Development

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Ina Road Reclaimed Water Facility												
Future Water Revenue Bonds	-	-	-	-	-	-	1,800.0	3,400.0	5,200.0	3,400.0	8,600.0	
	-	-	-	-	-	-	1,800.0	3,400.0	5,200.0	3,400.0	8,600.0	
Lincoln Park Riparian Habitat Project												
1994 Water Revenue Bond Funds	368.8	-	-	-	-	-	-	-	-	-	368.8	
2000 Water Revenue Bond Funds	175.4	10.0	-	10.0	-	-	-	-	10.0	-	185.4	
Tucson Water Revenue and Operations Fund	369.3	-	-	-	-	-	-	-	-	-	369.3	
	913.5	10.0	-	10.0	-	-	-	-	10.0	-	923.5	
Reclaimed Storage and Recovery												
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9	
2000 Water Revenue Bond Funds	1,207.1	800.0	1,150.0	1,950.0	-	-	-	-	1,950.0	-	3,157.1	
Future Water Revenue Bonds	-	-	-	-	350.0	-	-	-	350.0	-	350.0	
Tucson Water Revenue and Operations Fund	75.7	-	-	-	-	-	-	-	-	-	75.7	
	1,283.7	800.0	1,150.0	1,950.0	350.0	-	-	-	2,300.0	-	3,583.7	
Program Area Total	2,197.2	810.0	1,150.0	1,960.0	350.0	-	1,800.0	3,400.0	7,510.0	3,400.0	13,107.2	
Source of Funds Summary												
1994 Water Revenue Bond Funds	369.7	-	-	-	-	-	-	-	-	-	369.7	
2000 Water Revenue Bond Funds	1,382.5	810.0	1,150.0	1,960.0	-	-	-	-	1,960.0	-	3,342.5	
Future Water Revenue Bonds	-	-	-	-	350.0	-	1,800.0	3,400.0	5,550.0	3,400.0	8,950.0	
Tucson Water Revenue and Operations Fund	445.0	-	-	-	-	-	-	-	-	-	445.0	
Program Area Total	2,197.2	810.0	1,150.0	1,960.0	350.0	-	1,800.0	3,400.0	7,510.0	3,400.0	13,107.2	

Tucson Water - Reclaimed Source Development

(\$000)

Ina Road Reclaimed Water Facility Description: Design and construct a production facility that will add up to 8 million gallons per day of processed effluent into the reclaimed water system near Pima County's Wastewater Treatment Plant at Ina Road. Design is set to begin in Fiscal Year 2008 with the major construction occurring in Fiscal Years 2009 and 2010. Justification: This facility will provide additional reclaimed water for the delivery system from the recovery wells under the managed in-channel recharge program.										Project ID: W603 Start Date: 7/07 End Date: 6/10 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	1,800.0	3,400.0	5,200.0	3,400.0	8,600.0	
Total	-	-	-	-	-	-	1,800.0	3,400.0	5,200.0	3,400.0	8,600.0	

Lincoln Park Riparian Habitat Project Description: Design and construct a pilot project that will use reclaimed water to generate water quality research data. Justification: This project will support water quality research and enhance the riparian habitat along the Atturbury Wash.										Project ID: W250 Start Date: 7/98 End Date: 6/05 Location: Ward 4		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	368.8	-	-	-	-	-	-	-	-	-	-	368.8
2000 Water Revenue Bond Funds	175.4	10.0	-	10.0	-	-	-	-	-	10.0	-	185.4
Tucson Water Revenue and Operations Fund	369.3	-	-	-	-	-	-	-	-	-	-	369.3
Total	913.5	10.0	-	10.0	-	-	-	-	-	10.0	-	923.5

Tucson Water - Reclaimed Source Development

(\$000)

Reclaimed Storage and Recovery Description: Design and construct an effluent recovery well and a recovery pipeline along the Santa Cruz River as part of the managed in-channel recharge program. Justification: These facilities will expand the effluent recharge and recovery capabilities of the city's reclaimed water system to meet projected demand for an additional 3 million gallons per day (2,500 acre-feet per year).										Project ID: W289 Start Date: 7/01 End Date: 6/06 Location: Ward 1		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1994 Water Revenue Bond Funds	0.9	-	-	-	-	-	-	-	-	-	0.9	
2000 Water Revenue Bond Funds	1,207.1	800.0	1,150.0	1,950.0	-	-	-	-	1,950.0	-	3,157.1	
Future Water Revenue Bonds	-	-	-	-	350.0	-	-	-	350.0	-	350.0	
Tucson Water Revenue and Operations Fund	75.7	-	-	-	-	-	-	-	-	-	75.7	
Total	1,283.7	800.0	1,150.0	1,950.0	350.0	-	-	-	2,300.0	-	3,583.7	

Tucson Water - Reclaimed Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Ina Road Reservoir												
Future Water Revenue Bonds	-	-	-	-	-	-	420.0	840.0	1,260.0	840.0	2,100.0	
	-	-	-	-	-	-	420.0	840.0	1,260.0	840.0	2,100.0	
Irvington Road Reservoir												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0	
	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0	
La Paloma Reservoir												
2000 Water Revenue Bond Funds	40.3	216.0	-	216.0	-	-	-	-	216.0	-	256.3	
Future Water Revenue Bonds	-	-	-	-	-	-	706.0	-	706.0	-	706.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	2,384.0	-	2,384.0	-	2,384.0	
	40.3	216.0	-	216.0	-	-	3,090.0	-	3,306.0	-	3,346.3	
Reclaimed Storage Projects - Future												
2000 Water Revenue Bond Funds	-	-	30.0	30.0	-	-	-	-	30.0	-	30.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	30.0	30.0	30.0	30.0	120.0	3,030.0	3,150.0	
	-	-	30.0	30.0	30.0	30.0	30.0	30.0	150.0	3,030.0	3,180.0	
Roger Road Reservoir												
2000 Water Revenue Bond Funds	-	-	320.0	320.0	-	-	-	-	320.0	-	320.0	
Future Water Revenue Bonds	-	-	-	-	940.0	840.0	-	-	1,780.0	-	1,780.0	
	-	-	320.0	320.0	940.0	840.0	-	-	2,100.0	-	2,100.0	

Tucson Water - Reclaimed Storage

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Sunrise Reclaimed Reservoir												
2000 Water Revenue Bond Funds	3.7	97.0	-	97.0	-	-	-	-	97.0	-	100.7	
Future Water Revenue Bonds	-	-	-	-	-	-	1,040.0	-	1,040.0	-	1,040.0	
	<u>3.7</u>	<u>97.0</u>	<u>-</u>	<u>97.0</u>	<u>-</u>	<u>-</u>	<u>1,040.0</u>	<u>-</u>	<u>1,137.0</u>	<u>-</u>	<u>1,140.7</u>	
Program Area Total	44.1	313.0	350.0	663.0	970.0	870.0	4,580.0	870.0	7,953.0	6,970.0	14,967.1	
Source of Funds Summary												
2000 Water Revenue Bond Funds	44.1	313.0	350.0	663.0	-	-	-	-	663.0	-	707.1	
Future Water Revenue Bonds	-	-	-	-	940.0	840.0	2,166.0	840.0	4,786.0	3,940.0	8,726.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	30.0	30.0	2,414.0	30.0	2,504.0	3,030.0	5,534.0	
Program Area Total	44.1	313.0	350.0	663.0	970.0	870.0	4,580.0	870.0	7,953.0	6,970.0	14,967.1	

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 2008, followed by construction in Fiscal Years 2009 and 2010. 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: 7/07 End Date: 6/10 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	420.0	840.0	1,260.0	840.0	2,100.0	
Total	-	-	-	-	-	-	420.0	840.0	1,260.0	840.0	2,100.0	

Irvington Road Reservoir Description: Design and construct a 5.5 million gallon reservoir near Irvington Road and Camino de Oeste. Justification: This reservoir will facilitate the delivery of reclaimed water to seven elementary schools, two middle schools, and five parks.										Project ID: W607 Start Date: 7/09 End Date: 6/12 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0	
Total	-	-	-	-	-	-	-	-	-	3,100.0	3,100.0	

Tucson Water - Reclaimed Storage

(\$000)

La Paloma Reservoir Description: Design and construct a new 5 million gallon storage reservoir in the vicinity of the existing La Paloma reservoir.										Project ID: W608 Start Date: 7/00 End Date: 6/08 Location: County		
Justification: This new reservoir will improve system hydraulics in the north and east sections of the reclaimed system.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	40.3	216.0	-	216.0	-	-	-	-	216.0	-	256.3	
Future Water Revenue Bonds	-	-	-	-	-	-	706.0	-	706.0	-	706.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	-	-	2,384.0	-	2,384.0	-	2,384.0	
Total	40.3	216.0	-	216.0	-	-	3,090.0	-	3,306.0	-	3,346.3	

Reclaimed Storage Projects - Future 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.										Project ID: WL99 Start Date: Annual End Date: Annual Location: City and County		
Justification: These projects ensure that the system can meet peak requirements during the summer months.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	30.0	30.0	-	-	-	-	30.0	-	30.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	30.0	30.0	30.0	30.0	120.0	3,030.0	3,150.0	
Total	-	-	30.0	30.0	30.0	30.0	30.0	30.0	150.0	3,030.0	3,180.0	

Tucson Water - Reclaimed Storage

(\$000)

Roger Road Reservoir Description: Design and construct a 3 million gallon reservoir.										Project ID: W609 Start Date: 7/04 End Date: 6/07 Location: Ward 1		
Justification: This reservoir will accommodate the new reclaimed water supplies that will be boosted into the system from the Roger Road Recharge and Recovery Facility.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	320.0	320.0	-	-	-	-	320.0	-	320.0	
Future Water Revenue Bonds	-	-	-	-	940.0	840.0	-	-	1,780.0	-	1,780.0	
Total	-	-	320.0	320.0	940.0	840.0	-	-	2,100.0	-	2,100.0	

Sunrise Reclaimed Reservoir Description: Design and construct a 1.3 million gallon reservoir.										Project ID: W610 Start Date: 7/00 End Date: 6/08 Location: County		
Justification: This reservoir will improve system pressure and booster operation for the area served by the La Paloma Reservoir booster station. It will also allow for the irrigation of median islands along Sunrise Road, at area schools, and on the private property of customers in the area.												

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	3.7	97.0	-	97.0	-	-	-	-	97.0	-	100.7	
Future Water Revenue Bonds	-	-	-	-	-	-	1,040.0	-	1,040.0	-	1,040.0	
Total	3.7	97.0	-	97.0	-	-	1,040.0	-	1,137.0	-	1,140.7	

Tucson Water - Reclaimed Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Casino del Sol Reclaimed Booster												
2000 Water Revenue Bond Funds	-	-	140.0	140.0	-	-	-	-	140.0	-	140.0	
	-	-	140.0	140.0	-	-	-	-	140.0	-	140.0	
Houghton Road Booster												
Future Water Revenue Bonds	-	-	-	-	-	-	280.0	560.0	840.0	560.0	1,400.0	
	-	-	-	-	-	-	280.0	560.0	840.0	560.0	1,400.0	
Ina Road Booster												
Future Water Revenue Bonds	-	-	-	-	-	-	440.0	880.0	1,320.0	880.0	2,200.0	
	-	-	-	-	-	-	440.0	880.0	1,320.0	880.0	2,200.0	
Mission Manor Park Booster												
2000 Water Revenue Bond Funds	69.1	195.0	-	195.0	-	-	-	-	195.0	-	264.1	
Tucson Water Revenue and Operations Fund	219.7	-	-	-	-	-	-	-	-	-	219.7	
	288.8	195.0	-	195.0	-	-	-	-	195.0	-	483.8	
Mountain View Reclaimed Reservoir and Booster												
2000 Water Revenue Bond Funds	-	-	1,200.0	1,200.0	-	-	-	-	1,200.0	-	1,200.0	
Tucson Water Revenue and Operations Fund	2.0	-	-	-	-	-	-	-	-	-	2.0	
	2.0	-	1,200.0	1,200.0	-	-	-	-	1,200.0	-	1,202.0	
Reclaimed Pumping Plant - Future												
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0	
Tucson Water Revenue and Operations Fund	-	-	-	-	55.0	55.0	55.0	55.0	220.0	-	220.0	
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	-	275.0	
Roger Road Plant Booster Expansion												
2000 Water Revenue Bond Funds	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
Future Water Revenue Bonds	-	-	-	-	1,200.0	1,000.0	-	-	2,200.0	-	2,200.0	
	-	-	300.0	300.0	1,200.0	1,000.0	-	-	2,500.0	-	2,500.0	

Tucson Water - Reclaimed Pumping Plant

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Thornsdale Booster Expansion												
2000 Water Revenue Bond Funds	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0	
	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0	
Program Area Total	290.8	195.0	2,195.0	2,390.0	1,255.0	1,055.0	775.0	1,495.0	6,970.0	1,440.0	8,700.8	
Source of Funds Summary												
2000 Water Revenue Bond Funds	69.1	195.0	2,195.0	2,390.0	-	-	-	-	2,390.0	-	2,459.1	
Future Water Revenue Bonds	-	-	-	-	1,200.0	1,000.0	720.0	1,440.0	4,360.0	1,440.0	5,800.0	
Tucson Water Revenue and Operations Fund	221.7	-	-	-	55.0	55.0	55.0	55.0	220.0	-	441.7	
Program Area Total	290.8	195.0	2,195.0	2,390.0	1,255.0	1,055.0	775.0	1,495.0	6,970.0	1,440.0	8,700.8	

Tucson Water - Reclaimed Pumping Plant

(\$000)

Casino del Sol Reclaimed Booster Description: Design and construct a reclaimed booster. Justification: This booster will provide reclaimed service to the Casino del Sol Resort.										Project ID: W448 Start Date: 7/04 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	140.0	140.0	-	-	-	-	-	140.0	-	140.0
Total	-	-	140.0	140.0	-	-	-	-	-	140.0	-	140.0

Houghton Road Booster Description: Design and construct a 3,800 gallons per minute booster expansion at the Houghton Road Reservoir. Justification: This expansion will support the use of reclaimed water at planned golf courses in the area and other potential users.										Project ID: W612 Start Date: 7/07 End Date: 6/10 Location: Ward 4		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	280.0	560.0	-	840.0	560.0	1,400.0
Total	-	-	-	-	-	-	280.0	560.0	-	840.0	560.0	1,400.0

Tucson Water - Reclaimed Pumping Plant

(\$000)

Ina Road Booster Description: Design and construct a 4,200 gallons per minute booster station that will boost water from the Ina Road Reclaimed Water Facility to 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: 7/07 End Date: 6/10 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	440.0	880.0	1,320.0	880.0	2,200.0	
Total	-	-	-	-	-	-	440.0	880.0	1,320.0	880.0	2,200.0	

Mission Manor Park Booster Description: Design and construct a reclaimed water booster station with a capacity of 2,000 gallons per minute. Justification: This booster will serve schools and parks in the area, including Desert View High School; Apollo, Sierra, and Drexel Middle Schools; and Los Amigos, Ocotillo, and Liberty Elementary Schools.										Project ID: W383 Start Date: 7/01 End Date: 6/05 Location: Ward 5		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	69.1	195.0	-	195.0	-	-	-	-	195.0	-	264.1	
Tucson Water Revenue and Operations Fund	219.7	-	-	-	-	-	-	-	-	-	219.7	
Total	288.8	195.0	-	195.0	-	-	-	-	195.0	-	483.8	

Tucson Water - Reclaimed Pumping Plant

(\$000)

										Project ID: W453		
										Start Date: 1/04		
Mountain View Reclaimed Reservoir and Booster Description: Design and construct an inline booster to provide additional reclaimed water supply to the Thornydale reclaimed water reservoir and booster station. Justification: This new facility is necessary to enable Tucson Water to meet its contractual obligation to provide reclaimed water to golf courses in the Dove Mountain development.										End Date: 6/05		
										Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	1,200.0	1,200.0	-	-	-	-	-	1,200.0	-	1,200.0
Tucson Water Revenue and Operations Fund	2.0	-	-	-	-	-	-	-	-	-	-	2.0
Total	2.0	-	1,200.0	1,200.0	-	-	-	-	-	1,200.0	-	1,202.0

										Project ID: WM99		
										Start Date: Annual		
Reclaimed Pumping Plant - Future 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 the future availability of reclaimed water.										End Date: Annual		
										Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	-	55.0	-	55.0
Tucson Water Revenue and Operations Fund	-	-	-	-	55.0	55.0	55.0	55.0	55.0	220.0	-	220.0
Total	-	-	55.0	55.0	55.0	55.0	55.0	55.0	55.0	275.0	-	275.0

Tucson Water - Reclaimed Pumping Plant

(\$000)

Roger Road Plant Booster Expansion Description: Design and construct a 4,200 gallons per minute booster station expansion. Justification: This expansion will accommodate the additional reclaimed water to be produced at the Roger Recharge and Recovery Facility.										Project ID: W618 Start Date: 7/04 End Date: 6/07 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	300.0	300.0	-	-	-	-	-	300.0	-	300.0
Future Water Revenue Bonds	-	-	-	-	1,200.0	1,000.0	-	-	-	2,200.0	-	2,200.0
Total	-	-	300.0	300.0	1,200.0	1,000.0	-	-	-	2,500.0	-	2,500.0

Thornsdale Booster Expansion Description: Design and construct a booster station to provide reclaimed service to Oro Valley. Justification: This project will provide reclaimed water to three existing golf courses and two planned golf courses in the Town of Oro Valley.										Project ID: W402 Start Date: 7/04 End Date: 6/05 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	500.0	500.0	-	-	-	-	-	500.0	-	500.0
Total	-	-	500.0	500.0	-	-	-	-	-	500.0	-	500.0

Tucson Water - Reclaimed Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
18th St/10th Ave Reclaimed Transmission Main												
2000 Water Revenue Bond Funds	1,800.0	1,250.0	-	1,250.0	-	-	-	-	1,250.0	-	3,050.0	
	1,800.0	1,250.0	-	1,250.0	-	-	-	-	1,250.0	-	3,050.0	
Alvernon/La Paloma Reclaimed Transmission Main												
2000 Water Revenue Bond Funds	14.3	-	-	-	-	-	-	-	-	-	14.3	
Future Water Revenue Bonds	-	-	-	-	-	-	720.0	720.0	1,440.0	-	1,440.0	
Tucson Water Revenue and Operations Fund	64.8	-	-	-	-	-	-	-	-	-	64.8	
	79.0	-	-	-	-	-	720.0	720.0	1,440.0	-	1,519.0	
Broadway/Columbus Reclaimed Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	280.0	550.0	830.0	550.0	1,380.0	
	-	-	-	-	-	-	280.0	550.0	830.0	550.0	1,380.0	
Broadway/Pantano Reclaimed Main												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	850.0	850.0	
	-	-	-	-	-	-	-	-	-	850.0	850.0	
Campbell/Drexel Reclaimed Main												
1984 Water Revenue Bond Funds	84.4	-	-	-	-	-	-	-	-	-	84.4	
1994 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	0.1	
2000 Water Revenue Bond Funds	2,270.5	750.0	960.0	1,710.0	-	-	-	-	1,710.0	-	3,980.5	
Tucson Water Revenue and Operations Fund	196.6	-	-	-	-	-	-	-	-	-	196.6	
	2,551.6	750.0	960.0	1,710.0	-	-	-	-	1,710.0	-	4,261.6	
Columbus/22nd Street Reclaimed Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	225.0	420.0	645.0	-	645.0	
	-	-	-	-	-	-	225.0	420.0	645.0	-	645.0	
Forty-Niners Reclaimed Transmission Main												
2000 Water Revenue Bond Funds	230.6	421.0	3,566.0	3,987.0	-	-	-	-	3,987.0	-	4,217.6	
Tucson Water Revenue and Operations Fund	3.6	-	879.0	879.0	500.0	-	-	-	1,379.0	-	1,382.6	
	234.2	421.0	4,445.0	4,866.0	500.0	-	-	-	5,366.0	-	5,600.2	

Tucson Water - Reclaimed Transmission

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Norris/Main Avenue Reclaimed Transmission Main												
Tucson Water Revenue and Operations Fund	-	-	-	-	100.0	400.0	1,300.0	-	1,800.0	-	1,800.0	
	-	-	-	-	100.0	400.0	1,300.0	-	1,800.0	-	1,800.0	
Reclaimed Transmission Mains - Future												
Future Water Revenue Bonds	-	-	-	-	-	500.0	500.0	380.0	1,380.0	3,000.0	4,380.0	
	-	-	-	-	-	500.0	500.0	380.0	1,380.0	3,000.0	4,380.0	
San Juan/Greasewood Reclaimed Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0	
	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0	
Sunrise/Craycroft Reclaimed Transmission Main												
Future Water Revenue Bonds	-	-	-	-	-	-	180.0	120.0	300.0	-	300.0	
	-	-	-	-	-	-	180.0	120.0	300.0	-	300.0	
Sunrise/Craycroft to Sabino Reclaimed Main												
Future Water Revenue Bonds	-	-	-	-	-	-	458.0	408.0	866.0	-	866.0	
	-	-	-	-	-	-	458.0	408.0	866.0	-	866.0	
Program Area Total	4,664.8	2,421.0	5,405.0	7,826.0	600.0	900.0	3,663.0	2,598.0	15,587.0	5,430.0	25,681.8	

Source of Funds Summary												
1984 Water Revenue Bond Funds	84.4	-	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bond Funds	4,315.4	2,421.0	4,526.0	6,947.0	-	-	-	-	6,947.0	-	11,262.4	
Future Water Revenue Bonds	-	-	-	-	-	500.0	2,363.0	2,598.0	5,461.0	5,430.0	10,891.0	
Tucson Water Revenue and Operations Fund	264.9	-	879.0	879.0	600.0	400.0	1,300.0	-	3,179.0	-	3,443.9	
Program Area Total	4,664.8	2,421.0	5,405.0	7,826.0	600.0	900.0	3,663.0	2,598.0	15,587.0	5,430.0	25,681.8	

Tucson Water - Reclaimed Transmission

(\$000)

18th St/10th Ave Reclaimed Transmission Main Description: Design and construct 11,500 feet of 24-inch reclaimed water transmission main from Plumer Avenue to 10th Avenue. This project will serve Santa Rita Park and Howenstine School. Justification: This main is needed to improve system hydraulics.										Project ID: W622 Start Date: 7/01 End Date: 6/05 Location: Wards 5 and 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	1,800.0	1,250.0	-	1,250.0	-	-	-	-	1,250.0	-	3,050.0	
Total	1,800.0	1,250.0	-	1,250.0	-	-	-	-	1,250.0	-	3,050.0	

Alvernon/La Paloma Reclaimed Transmission Main Description: Design and construct 13,000 feet of 24-inch augmentation to the reclaimed transmission main in the Alvernon alignment from River Road to the La Paloma Reservoir. Justification: This project will improve system hydraulics in the north and east portions of the reclaimed water system.										Project ID: W624 Start Date: 7/00 End Date: 6/09 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	14.3	-	-	-	-	-	-	-	-	-	14.3	
Future Water Revenue Bonds	-	-	-	-	-	-	720.0	720.0	1,440.0	-	1,440.0	
Tucson Water Revenue and Operations Fund	64.8	-	-	-	-	-	-	-	-	-	64.8	
Total	79.0	-	-	-	-	-	720.0	720.0	1,440.0	-	1,519.0	

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. Justification: This project will provide service to Rincon High School, Sears Park, Vail Middle School, and the Williams Center.										Project ID: W625 Start Date: 7/07 End Date: 6/10 Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	280.0	550.0	830.0	550.0	1,380.0	
Total	-	-	-	-	-	-	280.0	550.0	830.0	550.0	1,380.0	

Broadway/Pantano 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. 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: 7/09 End Date: 6/12 Location: Ward 2		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	850.0	850.0
Total	-	-	-	-	-	-	-	-	-	-	850.0	850.0

Tucson Water - Reclaimed Transmission

(\$000)

Campbell/Drexel Reclaimed Main										Project ID: W644		
Description: Design and construct 29,800 feet of 24-inch reclaimed water transmission main from the intersection of 44th Street and South 10th Avenue south to Drexel Road, from Liberty Avenue to Benson Highway along the Drexel Road alignment, and along Benson Highway from Drexel Road to the planned Columbus Boulevard Reservoir site.										Start Date: 8/91		
										End Date: 6/05		
Justification: This project will provide service to Southlawn Cemetery; city parks; Desert View High School; Apollo, Sierra, and Drexel Middle Schools; and Los Amigos, Ocotillo, and Liberty Elementary Schools.										Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 Water Revenue Bond Funds	84.4	-	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bond Funds	0.1	-	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bond Funds	2,270.5	750.0	960.0	1,710.0	-	-	-	-	-	-	-	3,980.5
Tucson Water Revenue and Operations Fund	196.6	-	-	-	-	-	-	-	-	-	-	196.6
Total	2,551.6	750.0	960.0	1,710.0	-	-	-	-	-	-	-	4,261.6

Columbus/22nd Street Reclaimed Transmission Main										Project ID: W641		
Description: Design and construct 5,000 feet of 16-inch reclaimed water transmission main in Columbus Boulevard from 22nd Street to Broadway Boulevard.										Start Date: 7/07		
										End Date: 6/09		
Justification: This project will provide service to Howell and Lineweaver Elementary Schools and to Alvernon Park.										Location: Ward 6		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	225.0	420.0	-	-	-	645.0
Total	-	-	-	-	-	-	225.0	420.0	-	-	-	645.0

Tucson Water - Reclaimed Transmission

(\$000)

Forty-Niners Reclaimed Transmission Main Description: Design and construct approximately 40,000 feet of 12-inch and 16-inch transmission main from Morris K. Udall Park Reclaimed Booster Station to the Forty-Niners Country Club Golf Course. The country club will provide \$1 million for this project. Justification: This will provide reclaimed service to the golf course and adjacent Tucson Unified School District schools, thereby reducing groundwater pumpage.										Project ID: W451 Start Date: 5/03 End Date: 6/06 Location: County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	230.6	421.0	3,566.0	3,987.0	-	-	-	-	3,987.0	-	4,217.6	
Tucson Water Revenue and Operations Fund	3.6	-	879.0	879.0	500.0	-	-	-	1,379.0	-	1,382.6	
Total	234.2	421.0	4,445.0	4,866.0	500.0	-	-	-	5,366.0	-	5,600.2	

Norris/Main Avenue Reclaimed Transmission Main Description: Design and construct approximately 16,000 feet of 12-inch reclaimed water transmission main, beginning at the intersection of Norris Avenue and 7th Street, along 7th Street to 1st Avenue, then north along 1st Avenue to 1st Street, and west along 1st Street to Main Avenue. 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: 6/08 Location: Wards 1 and 6		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	-	-	100.0	400.0	1,300.0	-	1,800.0	-	1,800.0	
Total	-	-	-	-	100.0	400.0	1,300.0	-	1,800.0	-	1,800.0	

Tucson Water - Reclaimed Transmission

(\$000)

Reclaimed Transmission Mains - Future Description: Budget capacity for reclaimed transmission main projects. The specific location of these projects will be determined in future years. Justification: This project will ensure that future reclaimed transmission needs are met.										Project ID: WN99 Start Date: 7/06 End Date: 6/10 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	500.0	500.0	380.0	1,380.0	3,000.0	4,380.0	
Total	-	-	-	-	-	500.0	500.0	380.0	1,380.0	3,000.0	4,380.0	

San Juan/Greasewood Reclaimed Transmission Main Description: Design and construct 10,000 feet of 16-inch reclaimed water transmission main in the west Silverlake Road/San Juan alignment from the Santa Cruz River to south Greasewood Road. Justification: This project will provide service to Cholla High School and two parks.										Project ID: W632 Start Date: 7/09 End Date: 6/12 Location: Ward 1		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0	
Total	-	-	-	-	-	-	-	-	-	1,030.0	1,030.0	

Tucson Water - Reclaimed Transmission

(\$000)

Sunrise/Craycroft Reclaimed Transmission Main Description: Design and construct 3,000 feet of 16-inch reclaimed transmission main near Craycroft Road and Sunrise Road. Justification: This project will connect the Sunrise Reservoir to the reclaimed water system.										Project ID: W634 Start Date: 7/07 End Date: 6/09 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	180.0	120.0	300.0	-	300.0	
Total	-	-	-	-	-	-	180.0	120.0	300.0	-	300.0	

Sunrise/Craycroft to Sabino Reclaimed Main Description: Design and construct 10,000 feet of 16-inch reclaimed water transmission main in Sunrise Road from Craycroft Road to Sabino Canyon Road. Justification: This project will augment the existing transmission main and improve system hydraulics. Service will be extended to several Catalina Foothills School District schools.										Project ID: W628 Start Date: 7/07 End Date: 6/09 Location: County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	458.0	408.0	866.0	-	866.0	
Total	-	-	-	-	-	-	458.0	408.0	866.0	-	866.0	

Tucson Water - Reclaimed Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
City of Tucson Parks Main Extensions												
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0	
Future Water Revenue Bonds	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0	
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	
Main Extensions: Priority Clusters												
Future Water Revenue Bonds	-	-	-	-	-	-	55.0	55.0	110.0	275.0	385.0	
	-	-	-	-	-	-	55.0	55.0	110.0	275.0	385.0	
Review of Developer-Financed Reclaimed Projects												
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	
Sabino/Sunrise to Snyder Reclaimed Distribution												
Future Water Revenue Bonds	-	-	-	-	-	-	180.0	720.0	900.0	-	900.0	
	-	-	-	-	-	-	180.0	720.0	900.0	-	900.0	
Seneca/Palo Verde Reclaimed Distribution Main												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	850.0	850.0	
	-	-	-	-	-	-	-	-	-	850.0	850.0	
Snyder/Bear Canyon Reclaimed Distribution Main												
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	570.0	570.0	
	-	-	-	-	-	-	-	-	-	570.0	570.0	
Sunnyside School District Main Extensions												
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0	
Future Water Revenue Bonds	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0	
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	

Tucson Water - Reclaimed Distribution

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
System Enhancements: Reclaimed												
2000 Water Revenue Bond Funds	-	-	100.0	100.0	-	-	-	-	100.0	-	100.0	
Future Water Revenue Bonds	-	-	-	-	100.0	100.0	100.0	100.0	400.0	500.0	900.0	
	-	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0	
Tucson Unified School District Main Extensions												
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0	
Future Water Revenue Bonds	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0	
	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	
Program Area Total	-	-	325.0	325.0	325.0	325.0	560.0	1,100.0	2,635.0	3,320.0	5,955.0	
Source of Funds Summary												
2000 Water Revenue Bond Funds	-	-	265.0	265.0	-	-	-	-	265.0	-	265.0	
Future Water Revenue Bonds	-	-	-	-	265.0	265.0	500.0	1,040.0	2,070.0	3,020.0	5,090.0	
Tucson Water Revenue and Operations Fund	-	-	60.0	60.0	60.0	60.0	60.0	60.0	300.0	300.0	600.0	
Program Area Total	-	-	325.0	325.0	325.0	325.0	560.0	1,100.0	2,635.0	3,320.0	5,955.0	

Tucson Water - Reclaimed Distribution

(\$000)

City of Tucson Parks Main Extensions Description: Design and construct reclaimed water transmission mains for the city's Parks and Recreation Department as needs are identified each year. Justification: This project will expand the use of reclaimed water for irrigating city parks.										Project ID: W404 Start Date: Annual End Date: Annual Location: Citywide		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0	
Future Water Revenue Bonds	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0	
Total	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	

Main Extensions: Priority Clusters Description: Design and construct main extensions to potential reclaimed water customers that are located within priority clusters. Justification: This project will expand the customer base served with reclaimed water.										Project ID: W637 Start Date: 7/07 End Date: 6/12 Location: City and County		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	55.0	55.0	110.0	275.0	385.0	
Total	-	-	-	-	-	-	55.0	55.0	110.0	275.0	385.0	

Tucson Water - Reclaimed Distribution

(\$000)

<p>Review of Developer-Financed Reclaimed Projects</p> <p>Description: Review plans and inspect developer-constructed reclaimed water systems. These systems are donated to the city upon completion. Associated costs are recovered from fees.</p> <p>Justification: This review and inspection ensures compliance with Tucson Water's standards.</p>										<p>Project ID: W130 Start Date: Annual End Date: Annual Location: City and County</p>		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Tucson Water Revenue and Operations Fund	-	-	60.0	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	60.0	300.0	300.0	600.0

<p>Sabino/Sunrise to Snyder Reclaimed Distribution</p> <p>Description: Design and construct 11,500 feet of 12-inch reclaimed water distribution mains in Sabino Canyon Road from Sunrise to Snyder.</p> <p>Justification: This project will improve system hydraulics and provide service to several apartment complexes.</p>										<p>Project ID: W648 Start Date: 7/07 End Date: 6/09 Location: County</p>		
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	180.0	720.0	900.0	-	900.0	
Total	-	-	-	-	-	-	180.0	720.0	900.0	-	900.0	

Tucson Water - Reclaimed Distribution

(\$000)

Seneca/Palo Verde Reclaimed Distribution Main									Project ID: W638			
Description: Design and construct 15,000 feet of 8-inch reclaimed water distribution main in east Seneca Street from north Palo Verde to north Dodge Road, in Dodge Road east to Grant Road, in Grant Road east to north Rosemont Boulevard, and in Rosemont Boulevard south to Pima Street.									Start Date: 7/09			
									End Date: 6/12			
									Location: Ward 6			
Justification: This project will enable the utility to serve reclaimed water to neighborhood schools.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	850.0	850.0
Total	-	-	-	-	-	-	-	-	-	-	850.0	850.0

Snyder/Bear Canyon Reclaimed Distribution Main									Project ID: W633			
Description: Design and construct 10,000 feet of 8-inch reclaimed water distribution main augmentation along Snyder Road from Bear Canyon to the Arizona National Golf Club (formerly known as the Raven Golf Course).									Start Date: 7/10			
									End Date: 6/12			
									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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	570.0	570.0
Total	-	-	-	-	-	-	-	-	-	-	570.0	570.0

Tucson Water - Reclaimed Distribution

(\$000)

Sunnyside School District Main Extensions										Project ID: W405		
Description: Design and construct reclaimed water mains for the Sunnyside School District.										Start Date: Annual End Date: Annual		
Justification: This project will provide service to Sunnyside School District schools per an agreement with the city.										Location: Ward 5		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	-	55.0	-	55.0
Future Water Revenue Bonds	-	-	-	-	55.0	55.0	55.0	55.0	55.0	220.0	275.0	495.0
Total	-	-	55.0	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0

System Enhancements: Reclaimed										Project ID: W645		
Description: Design and construct reclaimed water mains during city, county, and state road improvement projects.										Start Date: Annual End Date: Annual		
Justification: This project will increase system capacity, while reducing the cost of pavement removal and replacement by coordinating construction with the roadway projects.										Location: City and County		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	100.0	100.0	-	-	-	-	-	100.0	-	100.0
Future Water Revenue Bonds	-	-	-	-	100.0	100.0	100.0	100.0	100.0	400.0	500.0	900.0
Total	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0

Tucson Water - Reclaimed Distribution

(\$000)

Tucson Unified School District Main Extensions Description: Design and construct reclaimed water mains for the Tucson Unified School District. Justification: This project will provide service to several Tucson Unified School District schools per an agreement with the city.										Project ID: W640 Start Date: Annual End Date: Annual Location: Citywide	
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Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	-	-	55.0	55.0	-	-	-	-	55.0	-	55.0	
Future Water Revenue Bonds	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0	
Total	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0	

Tucson Water - Reclaimed New Services

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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)

<p>New Metered Services</p> <p>Description: Install new metered water services upon customer request and payment of connection fees.</p> <p>Justification: This project allows for the installation of new metered reclaimed water services upon customer request.</p>	<p>Project ID: W131</p> <p>Start Date: Annual</p> <p>End Date: Annual</p> <p>Location: City and County</p>
---	--

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
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

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Chlorine System Improvements												
2000 Water Revenue Bond Funds	500.0	500.0	1,000.0	1,500.0	-	-	-	-	1,500.0	-	2,000.0	
	500.0	500.0	1,000.0	1,500.0	-	-	-	-	1,500.0	-	2,000.0	
Roger Road Reclaimed Water Treatment Plant												
2000 Water Revenue Bond Funds	307.2	-	80.0	80.0	-	-	-	-	80.0	-	387.2	
Future Water Revenue Bonds	-	-	-	-	50.0	850.0	-	-	900.0	-	900.0	
Tucson Water Revenue and Operations Fund	12.5	-	-	-	-	-	-	-	-	-	12.5	
	319.7	-	80.0	80.0	50.0	850.0	-	-	980.0	-	1,299.7	
Program Area Total	819.7	500.0	1,080.0	1,580.0	50.0	850.0	-	-	2,480.0	-	3,299.7	
Source of Funds Summary												
2000 Water Revenue Bond Funds	807.2	500.0	1,080.0	1,580.0	-	-	-	-	1,580.0	-	2,387.2	
Future Water Revenue Bonds	-	-	-	-	50.0	850.0	-	-	900.0	-	900.0	
Tucson Water Revenue and Operations Fund	12.5	-	-	-	-	-	-	-	-	-	12.5	
Program Area Total	819.7	500.0	1,080.0	1,580.0	50.0	850.0	-	-	2,480.0	-	3,299.7	

Tucson Water - Reclaimed Treatment

(\$000)

Chlorine System Improvements										Project ID: W649		
Description: Design and construct chlorination facilities for the planned Roger Road Storage and Recovery Facility.										Start Date: 4/04		
										End Date: 6/05		
										Location: Ward 1		
Justification: This project will provide for the disinfection of reclaimed water.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	500.0	500.0	1,000.0	1,500.0	-	-	-	-	1,500.0	-	2,000.0	
Total	500.0	500.0	1,000.0	1,500.0	-	-	-	-	1,500.0	-	2,000.0	

Roger Road Reclaimed Water Treatment Plant										Project ID: W619		
Description: Design and construct modifications and upgrades to the Roger Road Reclaimed Water Treatment Plant.										Start Date: 7/01		
										End Date: 6/07		
										Location: Ward 1		
Justification: These modifications and upgrades are needed to comply with safety, building, and fire codes, and to maintain operational efficiency.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 Water Revenue Bond Funds	307.2	-	80.0	80.0	-	-	-	-	80.0	-	387.2	
Future Water Revenue Bonds	-	-	-	-	50.0	850.0	-	-	900.0	-	900.0	
Tucson Water Revenue and Operations Fund	12.5	-	-	-	-	-	-	-	-	-	12.5	
Total	319.7	-	80.0	80.0	50.0	850.0	-	-	980.0	-	1,299.7	

Tucson Water - Reclaimed Process Control

Five-Year Capital Improvement Program

(\$000)

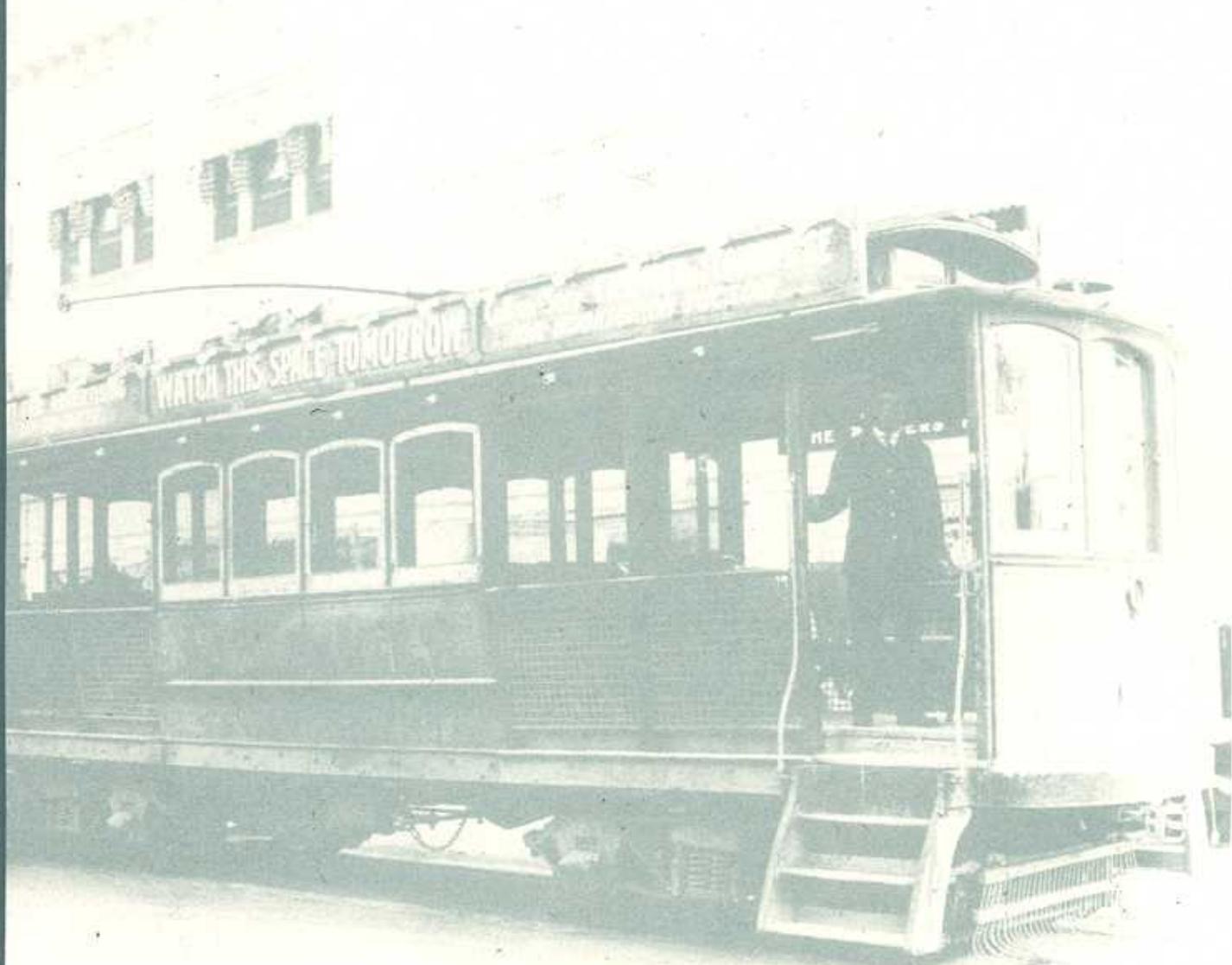
Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Control Panels: Reclaimed System												
1984 Water Revenue Bond Funds	1.8	-	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bond Funds	314.2	-	-	-	-	-	-	-	-	-	-	314.2
2000 Water Revenue Bond Funds	77.0	53.0	30.0	83.0	-	-	-	-	-	83.0	-	160.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	1,250.0	1,250.0
Tucson Water Revenue and Operations Fund	173.1	-	-	-	80.0	80.0	80.0	250.0	490.0	-	-	663.1
	566.0	53.0	30.0	83.0	80.0	80.0	80.0	250.0	573.0	1,250.0	2,389.0	
Program Area Total	566.0	53.0	30.0	83.0	80.0	80.0	80.0	250.0	573.0	1,250.0	2,389.0	
Source of Funds Summary												
1984 Water Revenue Bond Funds	1.8	-	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bond Funds	314.2	-	-	-	-	-	-	-	-	-	-	314.2
2000 Water Revenue Bond Funds	77.0	53.0	30.0	83.0	-	-	-	-	83.0	-	-	160.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	1,250.0	1,250.0
Tucson Water Revenue and Operations Fund	173.1	-	-	-	80.0	80.0	80.0	250.0	490.0	-	-	663.1
	566.0	53.0	30.0	83.0	80.0	80.0	80.0	250.0	573.0	1,250.0	2,389.0	
Program Area Total	566.0	53.0	30.0	83.0	80.0	80.0	80.0	250.0	573.0	1,250.0	2,389.0	

Tucson Water - Reclaimed Process Control

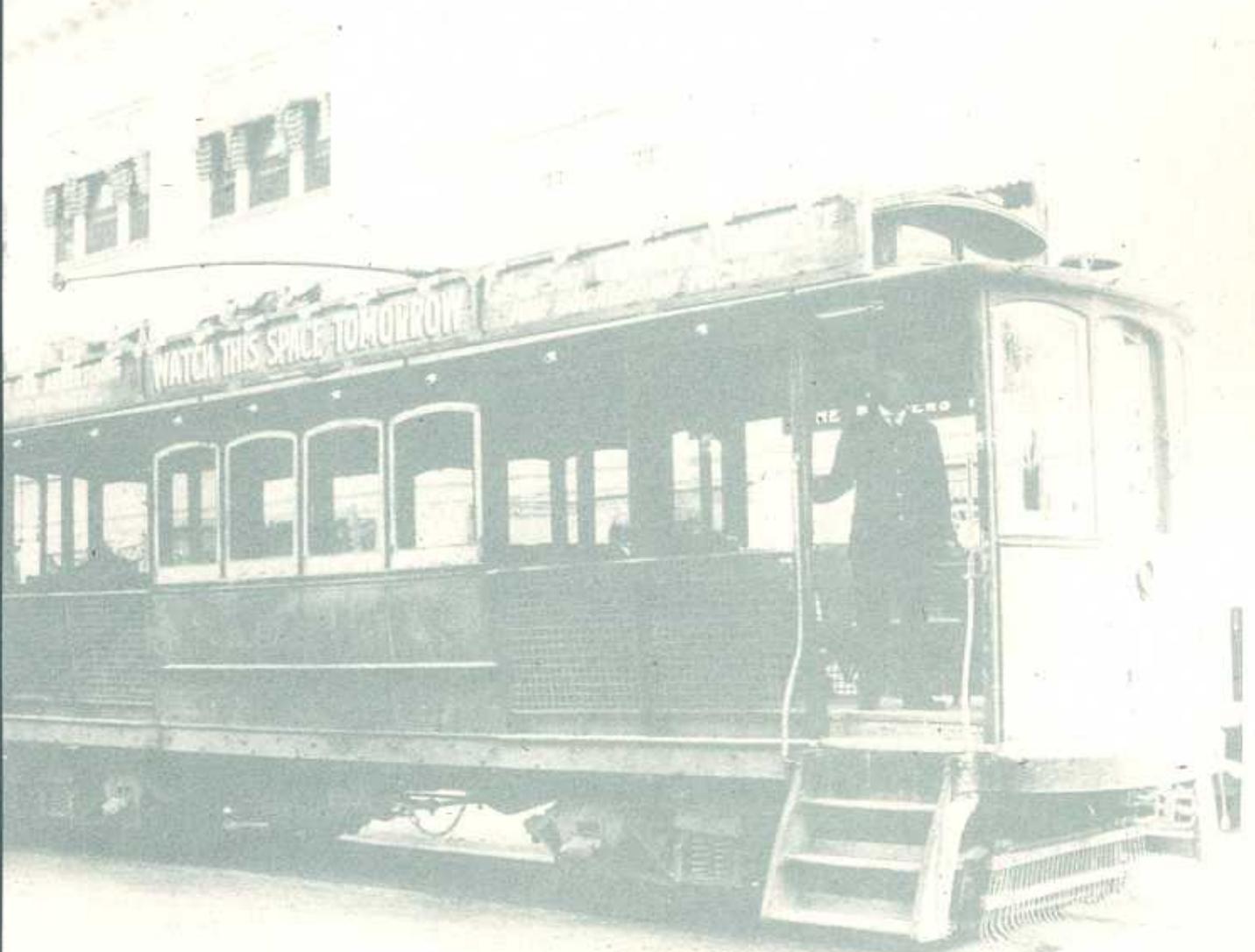
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Control Panels: Reclaimed System										Project ID: W959		
Description: Design and construct controls for reclaimed water facilities, and modify existing controls at booster stations, reservoirs, and storage facilities.										Start Date: Annual 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 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 Water Revenue Bond Funds	1.8	-	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bond Funds	314.2	-	-	-	-	-	-	-	-	-	-	314.2
2000 Water Revenue Bond Funds	77.0	53.0	30.0	83.0	-	-	-	-	83.0	-	-	160.0
Future Water Revenue Bonds	-	-	-	-	-	-	-	-	-	-	1,250.0	1,250.0
Tucson Water Revenue and Operations Fund	173.1	-	-	-	80.0	80.0	80.0	250.0	490.0	-	-	663.1
Total	566.0	53.0	30.0	83.0	80.0	80.0	80.0	250.0	573.0	1,250.0	-	2,389.0

STRATEGIC INITIATIVES



TUCSON CONVENTION CENTER



**Capital Improvement Program
Department Statement**

FY 2005 through FY 2009

Department: Tucson Convention Center

Five Year Total: \$ 1,028,000

The Tucson Convention Center is in need of continual capital improvements to become competitive and viable in the convention, trade show, and entertainment market. There is one project in this five-year capital improvement program (CIP) for the replacement of the facility's fire alarm system.

Unmet Capital Needs. Not shown in this five-year CIP are unfunded projects of \$11.4 million needed to serve the city's current population and \$30 million in unfunded projects to serve projected growth through 2030. See Section C for a listing of those projects.

Tucson Convention Center

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Fire Alarm Replacement												
2000 General Obligation Bond Funds - Interest	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0	
	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0	
Department Total	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0	
Source of Funds Summary												
2000 General Obligation Bond Funds - Interest	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0	
Department Total	-	-	1,028.0	1,028.0	-	-	-	-	1,028.0	-	1,028.0	

Tucson Convention Center

(\$000)

Fire Alarm Replacement

Description:

Replace the entire fire alarm system in the Tucson Convention Center facility.

Justification:

The current system is no longer manufactured and replacement parts are unobtainable. The city has just enough parts stockpiled to sustain the current system until the new system is online.

Project ID: T105

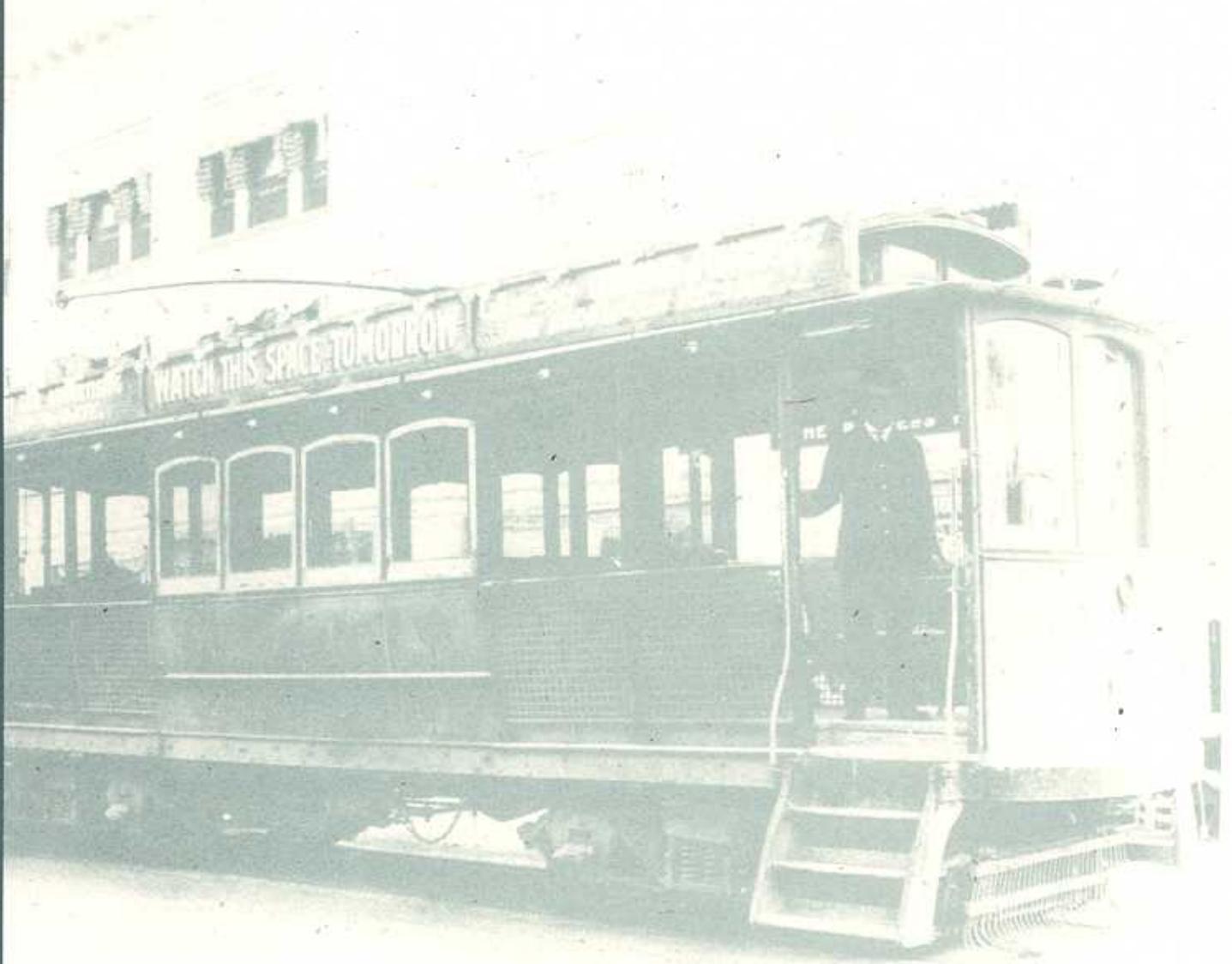
Start Date: 7/04

End Date: 6/05

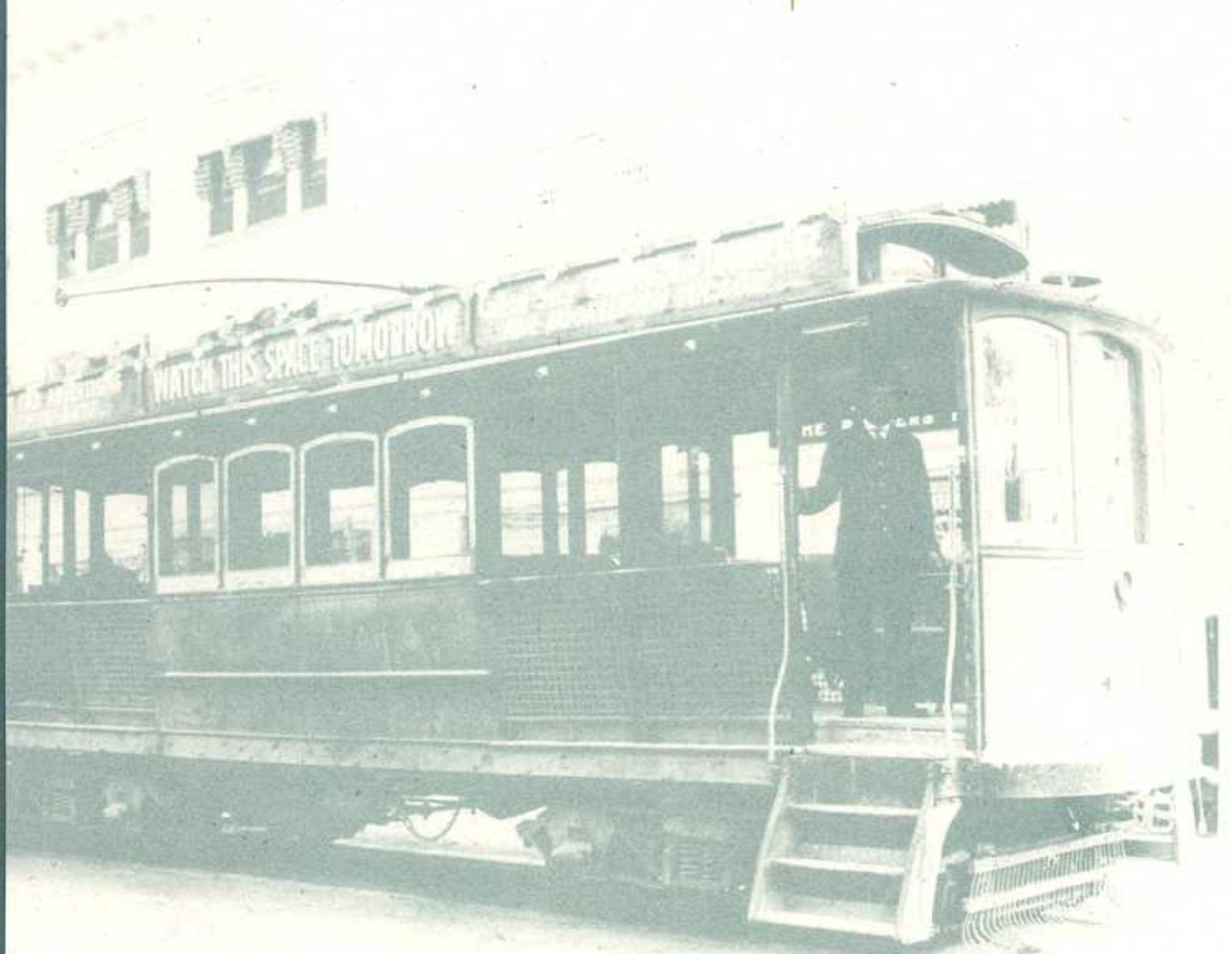
Location: Ward 6

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
2000 General Obligation Bond Funds - Interest	-	-	1,028.0	1,028.0	-	-	-	-	-	1,028.0	-	1,028.0
Total	-	-	1,028.0	1,028.0	-	-	-	-	-	1,028.0	-	1,028.0

SUPPORT SERVICES



GENERAL SERVICES



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: General Services

Five-Year Total: \$ 29,951,500

The General Service's Five-Year Capital Improvement Program (CIP) addresses public safety communication needs and provides for modifications to Parks and Recreation facilities to ensure compliance with the Americans with Disabilities Act. Funding for the CIP is from certificates of participation, restricted trust reserves, and the General Fund.

Unmet Capital Needs. Operations unmet capital needs to serve the city's existing population total \$59.9 million, primarily for the second phase of the Emergency Communications System and Facility. An estimated \$26.3 million for multi-service centers is needed to serve projected growth through over the next thirty years. See Section C for a listing of projects.

In May 2004 voters approved \$92 million in Pima County bonds for a Regional Public Safety Communications System, which will offset some of the department's unfunded amount for the second phase of the city's Emergency Communications System and Facility.

General Services

Five-Year Capital Improvement Program

(\$000)

Program Area	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
General Services - Buildings and Equipment	1,486.5	4,876.3	7,975.0	12,851.3	3,197.3	7,423.8	6,406.7	-	29,879.1	-	31,365.6	
General Services - ADA Improvements	3,336.4	72.4	-	72.4	-	-	-	-	72.4	-	3,408.8	
Department Total	4,822.9	4,948.7	7,975.0	12,923.7	3,197.3	7,423.8	6,406.7	-	29,951.5	-	34,774.4	
Source of Funds Summary												
1984 General Obligation Bond Funds	226.0	-	-	-	-	-	-	-	-	-	226.0	
General Fund	4,476.0	72.4	-	72.4	-	-	-	-	72.4	-	4,548.4	
General Fund: Certificates of Participation	-	-	7,975.0	7,975.0	3,197.3	7,423.8	6,406.7	-	25,002.8	-	25,002.8	
General Fund: Restricted Trust Reserves	120.9	4,876.3	-	4,876.3	-	-	-	-	4,876.3	-	4,997.2	
Department Total	4,822.9	4,948.7	7,975.0	12,923.7	3,197.3	7,423.8	6,406.7	-	29,951.5	-	34,774.4	

General Services - Buildings and Equipment

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Emergency Communication System, Phase I												
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	-	164.8
General Fund	1,200.8	-	-	-	-	-	-	-	-	-	-	1,200.8
General Fund: Certificates of Participation	-	-	7,975.0	7,975.0	3,197.3	7,423.8	6,406.7	-	25,002.8	-	-	25,002.8
General Fund: Restricted Trust Reserves	120.9	4,876.3	-	4,876.3	-	-	-	-	4,876.3	-	-	4,997.2
	1,486.5	4,876.3	7,975.0	12,851.3	3,197.3	7,423.8	6,406.7	-	29,879.1	-	-	31,365.6
Program Area Total	1,486.5	4,876.3	7,975.0	12,851.3	3,197.3	7,423.8	6,406.7	-	29,879.1	-	-	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	-	-	7,975.0	7,975.0	3,197.3	7,423.8	6,406.7	-	25,002.8	-	-	25,002.8
General Fund: Restricted Trust Reserves	120.9	4,876.3	-	4,876.3	-	-	-	-	4,876.3	-	-	4,997.2
	1,486.5	4,876.3	7,975.0	12,851.3	3,197.3	7,423.8	6,406.7	-	29,879.1	-	-	31,365.6
Program Area Total	1,486.5	4,876.3	7,975.0	12,851.3	3,197.3	7,423.8	6,406.7	-	29,879.1	-	-	31,365.6

General Services - Buildings and Equipment

(\$000)

Emergency Communication System, Phase I Description: Replace the city's current voice radio system used by public safety and general services, design a replacement network, and purchase equipment to build a new emergency radio communications system and dispatch center. Phase I includes purchase of microwave, computer-aided-dispatch, mobile data terminal, and automated vehicle locator systems, and communication site development (land acquisition is not included in this phase). Phase II, which will be partially funded from Pima County bonds, would include radio broadcast infrastructure and construction of a communication center. Justification: The existing radio system is 21 years old and needs replacement to ensure reliable communications for police and fire field personnel. Many existing components can no longer be repaired or replaced in the event of failure. In addition, new radio frequencies licensed to the city by the Federal Communications Commission require the purchase of new equipment.										Project ID: B801 Start Date: 7/99 End Date: 6/08 Location: Citywide		
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1984 General Obligation Bond Funds	164.8	-	-	-	-	-	-	-	-	-	164.8	
General Fund	1,200.8	-	-	-	-	-	-	-	-	-	1,200.8	
General Fund: Certificates of Participation	-	-	7,975.0	7,975.0	3,197.3	7,423.8	6,406.7	-	25,002.8	-	25,002.8	
General Fund: Restricted Trust Reserves	120.9	4,876.3	-	4,876.3	-	-	-	-	4,876.3	-	4,997.2	
Total	1,486.5	4,876.3	7,975.0	12,851.3	3,197.3	7,423.8	6,406.7	-	29,879.1	-	31,365.6	

General Services - ADA Improvements

Five-Year Capital Improvement Program

(\$000)

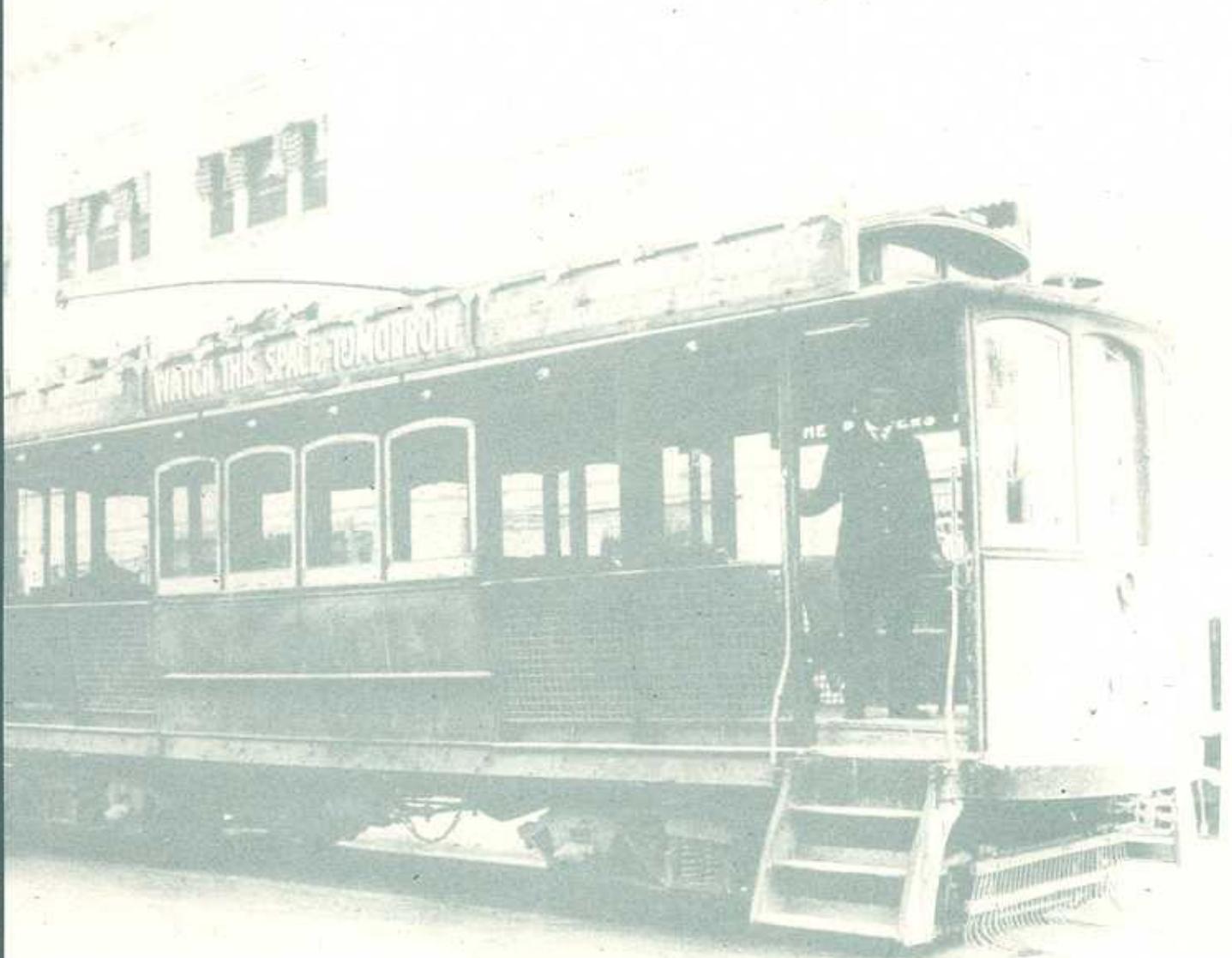
Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
ADA Modifications to Parks												
1984 General Obligation Bond Funds	61.2	-	-	-	-	-	-	-	-	-	-	61.2
General Fund	3,275.3	72.4	-	72.4	-	-	-	-	-	72.4	-	3,347.7
	3,336.4	72.4	-	72.4	-	-	-	-	-	72.4	-	3,408.8
Program Area Total	3,336.4	72.4	-	72.4	-	-	-	-	-	72.4	-	3,408.8
Source of Funds Summary												
1984 General Obligation Bond Funds	61.2	-	-	-	-	-	-	-	-	-	-	61.2
General Fund	3,275.3	72.4	-	72.4	-	-	-	-	-	72.4	-	3,347.7
Program Area Total	3,336.4	72.4	-	72.4	-	-	-	-	-	72.4	-	3,408.8

General Services - ADA Improvements

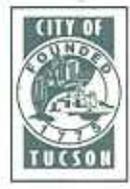
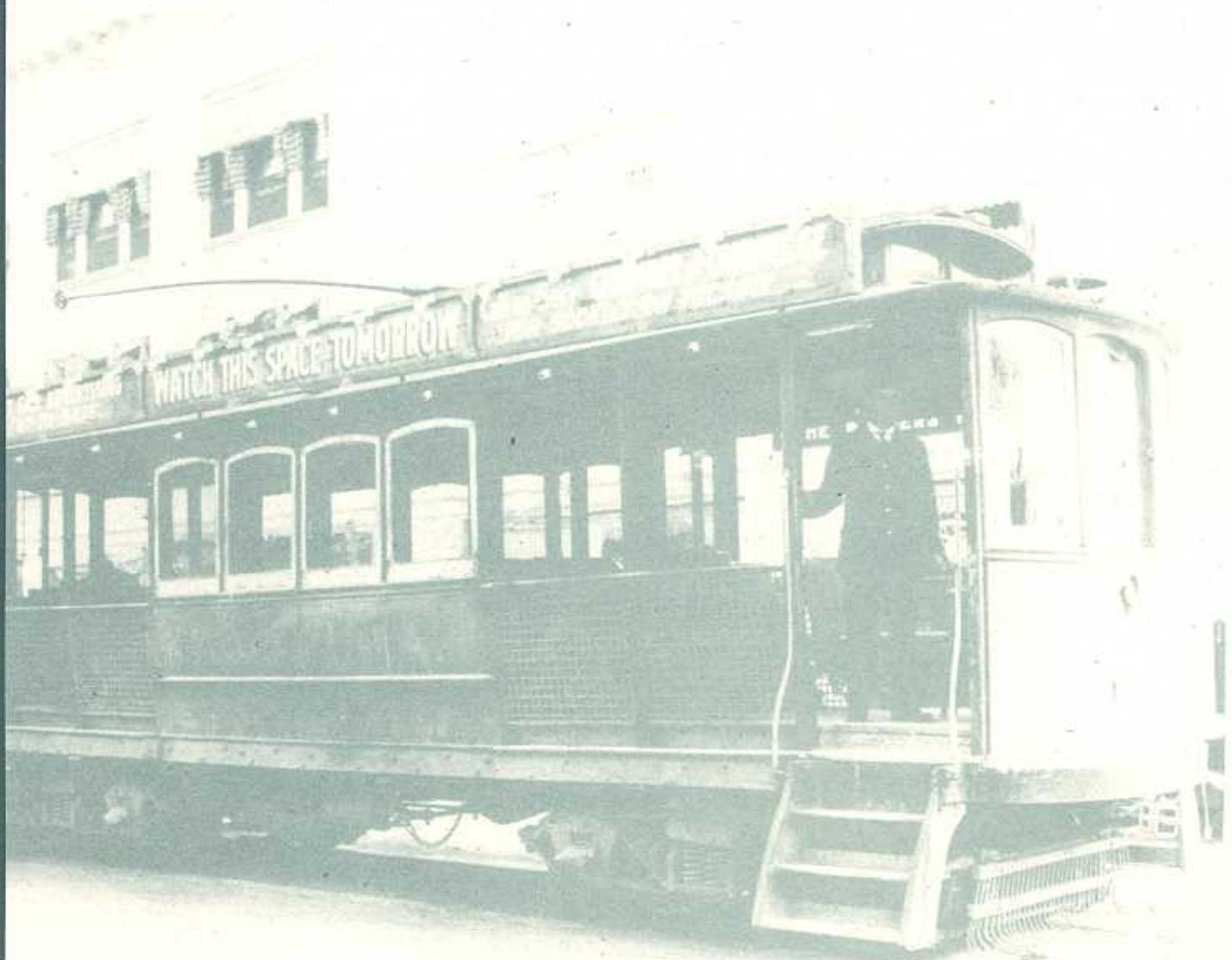
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ADA Modifications to Parks Description: Install handicap parking and accessible pathways in outdoor areas, modify or install new accessible comfort stations, and provide wheelchair accessibility to water fountains, picnic areas, and play areas. Justification: American with Disabilities Act (ADA) modifications are federally mandated.										Project ID: TAR4 Start Date: 7/95 End Date: 6/05 Location: Citywide	
										Adopted Fiscal Year 2005	
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009			
1984 General Obligation Bond Funds	61.2	-	-	-	-	-	-	-	-	-	61.2
General Fund	3,275.3	72.4	-	72.4	-	-	-	-	72.4	-	3,347.7
Total	3,336.4	72.4	-	72.4	-	-	-	-	72.4	-	3,408.8

NON DEPARTMENTAL



GENERAL EXPENSE



Capital Improvement Program Department Statement

FY 2005 through FY 2009

Department: General Expense

Five-Year Total: \$ 18,693,100

The General Expense Capital Improvement Program (CIP) of \$18.7 million includes funding for five projects: completion of the Hardesty Multi-Service Center, the Pennington Street Parking Garage, Renovation or Relocation of Council Chambers, the Starr Pass parking garage, and Web-Based Financial and Human Resources Systems. These projects are fully funded from certificates of participation, TEAM (Transportation Enterprise Area Management) parking revenues, and the General Fund.

This five-year CIP has a projected impact on the operating budget of \$408,300 in Fiscal Year 2005, increasing to \$520,400 in Fiscal Year 2009. See the following page for the impact by project and funding source.

Unmet Capital Needs. Not shown in this five-year CIP are unfunded projects of \$117.6 million needed to serve the city's current population. See Section C for a listing of those projects.

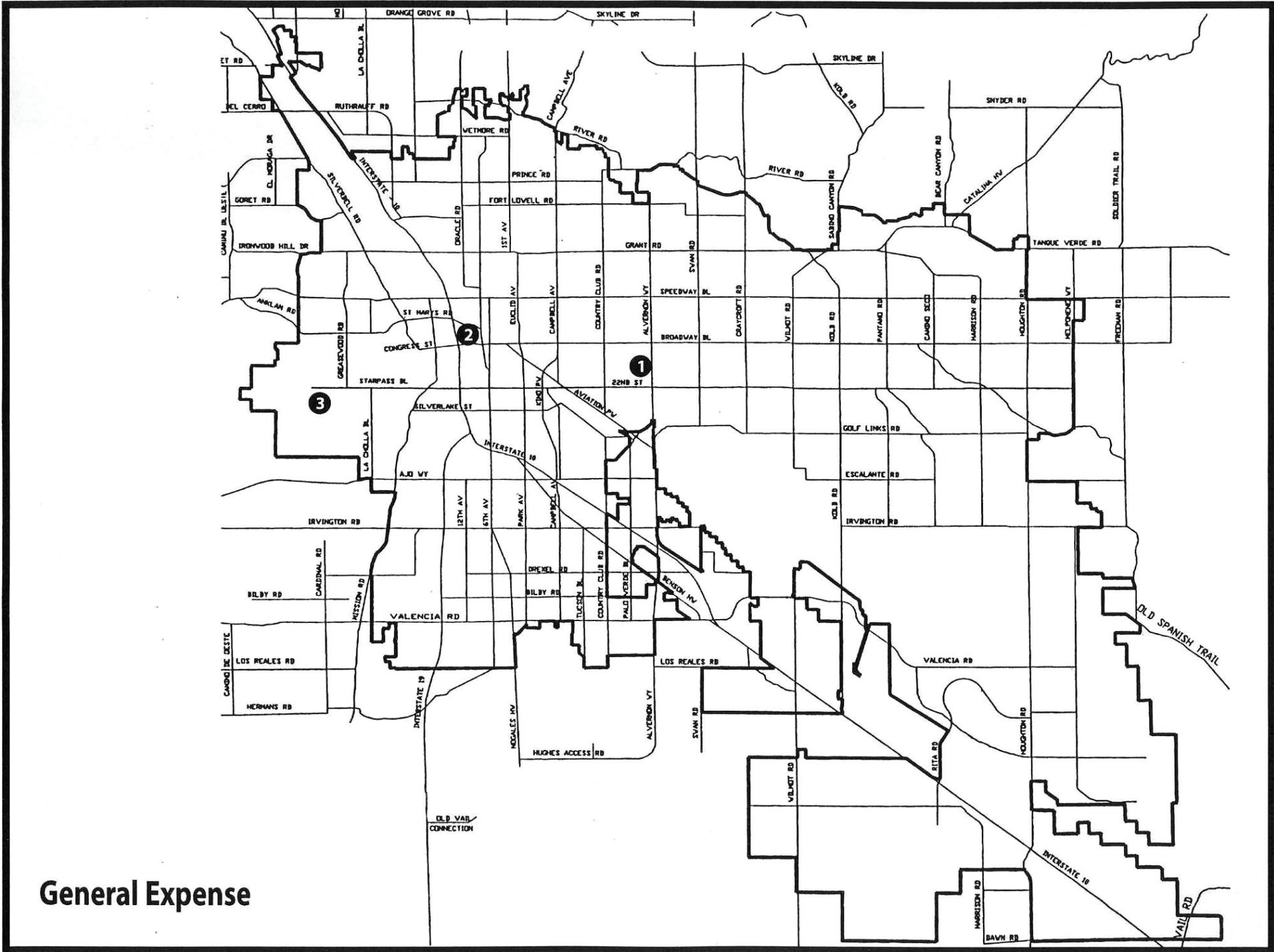
General Expense: CIP Impact on the Operating Budget

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 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Five Year Total
Hardesty Multi-Service Center	351.0	361.5	372.4	383.6	395.1	1,863.6
Pennington Street Parking Garage	57.3	114.6	118.0	121.6	125.3	536.8
Total	408.3	476.1	490.4	505.2	520.4	2,400.4

Source of Funds Summary						
General Fund	351.0	361.5	372.4	383.6	395.1	1,863.6
TEAM: Fees and Charges	57.3	114.6	118.0	121.6	125.3	536.8
Total	408.3	476.1	490.4	505.2	520.4	2,400.4



General Expense

Map Legend
General Expense

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Hardesty Multi-Service Center	FY 2005	3. Starr Pass Parking Garage	FY 2005
2. Pennington Street Garage	FY 2005		

General Expense

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Hardesty Multi-Service Center												
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	-	1,865.0
General Fund	50.0	-	-	-	-	-	-	-	-	-	-	50.0
General Fund: Certificates of Participation	9,655.5	756.0	-	756.0	-	-	-	-	-	756.0	-	10,411.5
General Fund: Restricted Trust Reserves	814.9	-	-	-	-	-	-	-	-	-	-	814.9
	12,385.4	756.0	-	756.0	-	-	-	-	-	756.0	-	13,141.4
Pennington Street Parking Garage												
TEAM: Certificates of Participation	-	-	9,500.0	9,500.0	-	-	-	-	-	9,500.0	-	9,500.0
TEAM: Contribution	160.0	840.0	-	840.0	-	-	-	-	-	840.0	-	1,000.0
	160.0	840.0	9,500.0	10,340.0	-	-	-	-	-	10,340.0	-	10,500.0
Renovation or Relocation of Council Chambers												
General Fund: Certificates of Participation	12.9	-	3,797.1	3,797.1	-	-	-	-	-	3,797.1	-	3,810.0
	12.9	-	3,797.1	3,797.1	-	-	-	-	-	3,797.1	-	3,810.0
Starr Pass Parking Garage												
General Fund: Certificates of Participation	-	3,000.0	-	3,000.0	-	-	-	-	-	3,000.0	-	3,000.0
	-	3,000.0	-	3,000.0	-	-	-	-	-	3,000.0	-	3,000.0

General Expense

Five-Year Capital Improvement Program

(\$000)

Project Name / Fund	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
Web-Based Financial and Human Resource Systems												
General Fund	1,870.5	-	800.0	800.0	-	-	-	-	800.0	-	2,670.5	
	<u>1,870.5</u>	<u>-</u>	<u>800.0</u>	<u>800.0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>800.0</u>	<u>-</u>	<u>2,670.5</u>	
Department Total	14,428.8	4,596.0	14,097.1	18,693.1	-	-	-	-	18,693.1	-	33,121.9	
Source of Funds Summary												
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	1,865.0	
General Fund	1,920.5	-	800.0	800.0	-	-	-	-	800.0	-	2,720.5	
General Fund: Certificates of Participation	9,668.4	3,756.0	3,797.1	7,553.1	-	-	-	-	7,553.1	-	17,221.5	
General Fund: Restricted	-	-	-	-	-	-	-	-	-	-	-	
General Fund: Restricted Trust Reserves	814.9	-	-	-	-	-	-	-	-	-	814.9	
TEAM: Certificates of Participation	-	-	9,500.0	9,500.0	-	-	-	-	9,500.0	-	9,500.0	
TEAM: Contribution	160.0	840.0	-	840.0	-	-	-	-	840.0	-	1,000.0	
Department Total	14,428.8	4,596.0	14,097.1	18,693.1	-	-	-	-	18,693.1	-	33,121.9	

General Expense

(\$000)

Hardesty Multi-Service Center										Project ID: N102		
Description: Design and construct a new 47,000 square foot joint-use facility that will house the Midtown Division of the Police Department and additional police functions. Space is also included for the Finance Department's cashiers, Tucson Water's backflow prevention program and a customer service representative, and a public meeting room.										Start Date: 7/99		
										End Date: 10/04		
										Location: Ward 6		
Justification: The Midtown Police Substation has outgrown its present location, and police functions such as public fingerprinting services and SWAT (Special Weapons and Tactical) currently housed at Headquarters need to be more centrally located.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
1965 and 1973 General Obligation Bond Funds	1,865.0	-	-	-	-	-	-	-	-	-	-	1,865.0
General Fund	50.0	-	-	-	-	-	-	-	-	-	-	50.0
General Fund: Certificates of Participation	9,655.5	756.0	-	756.0	-	-	-	-	-	756.0	-	10,411.5
General Fund: Restricted Trust Reserves	814.9	-	-	-	-	-	-	-	-	-	-	814.9
Total	12,385.4	756.0	-	756.0	-	-	-	-	-	756.0	-	13,141.4

Pennington Street Parking Garage										Project ID: N107		
Description: Construct a 749 space parking garage with commercial space on the first floor. The new facility will be co-developed with a private-sector partner, but will remain a city asset. The private-sector partner will contribute the initial capital of \$1 million and retain the rights to 375 parking spaces for 50 years. The city will retain the rights to 374 parking spaces. Debt service and operating expenses will be partially paid from monthly fees on the city's parking spaces. The balance of the debt service and the operating expenses will be paid from rental revenue on the private-sector parking spaces.										Start Date: 12/03		
										End Date: 6/05		
										Location: Ward 6 (within Rio Nuevo District)		
Justification: This project is in conformance with the Intermodal Center Master Plan adopted by the Mayor and Council. Safe, secure, and strategically located parking was identified as a key element to the downtown revitalization effort.												
Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
TEAM: Certificates of Participation	-	-	9,500.0	9,500.0	-	-	-	-	-	9,500.0	-	9,500.0
TEAM: Contribution	160.0	840.0	-	840.0	-	-	-	-	-	840.0	-	1,000.0
Total	160.0	840.0	9,500.0	10,340.0	-	-	-	-	-	10,340.0	-	10,500.0

General Expense

(\$000)

Renovation or Relocation of Council Chambers										Project ID: N103		
Description: Expand, renovate, or relocate the Mayor and Council chambers.										Start Date: 7/01		
										End Date: 6/05		
										Location: Ward 1 (within Rio Nuevo District)		
Justification: The Mayor and Council chambers need to be upgraded to meet changing needs, including audio-visual capabilities and new seating areas for the public, the media, and staff.												
			Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
General Fund: Certificates of Participation	12.9	-	3,797.1	3,797.1	-	-	-	-	3,797.1	-	3,810.0	
Total	12.9	-	3,797.1	3,797.1	-	-	-	-	3,797.1	-	3,810.0	

Starr Pass Parking Garage										Project ID: N104		
Description: Acquire a parking garage from the Starr Pass developer.										Start Date: 7/03		
										End Date: 6/05		
										Location: Ward 1		
Justification: As part of an annexation agreement, the city will acquire a parking garage built by the Starr Pass developer. The Starr Pass developer will then lease back the garage, which will reimburse the city for financing the project over a 20-year period. The developer will assume all costs of operating and maintaining the facility.												
			Adopted Fiscal Year 2005			Approved	Projected Requirements			Five Year Total	Future Years	Total Project
Source of Funds:	Prior Year(s)	Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
General Fund: Certificates of Participation	-	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	

General Expense

(\$000)

Project ID: N105

Start Date: 1/03

End Date: 6/05

Location: Citywide

Web-Based Financial and Human Resource Systems

Description:

Upgrade the city's current financial and human resources software systems to web-based versions. Additional hardware will also be purchased as needed. The financial system will be implemented by July 1, 2004; the human resources system will be implemented by July 1, 2005.

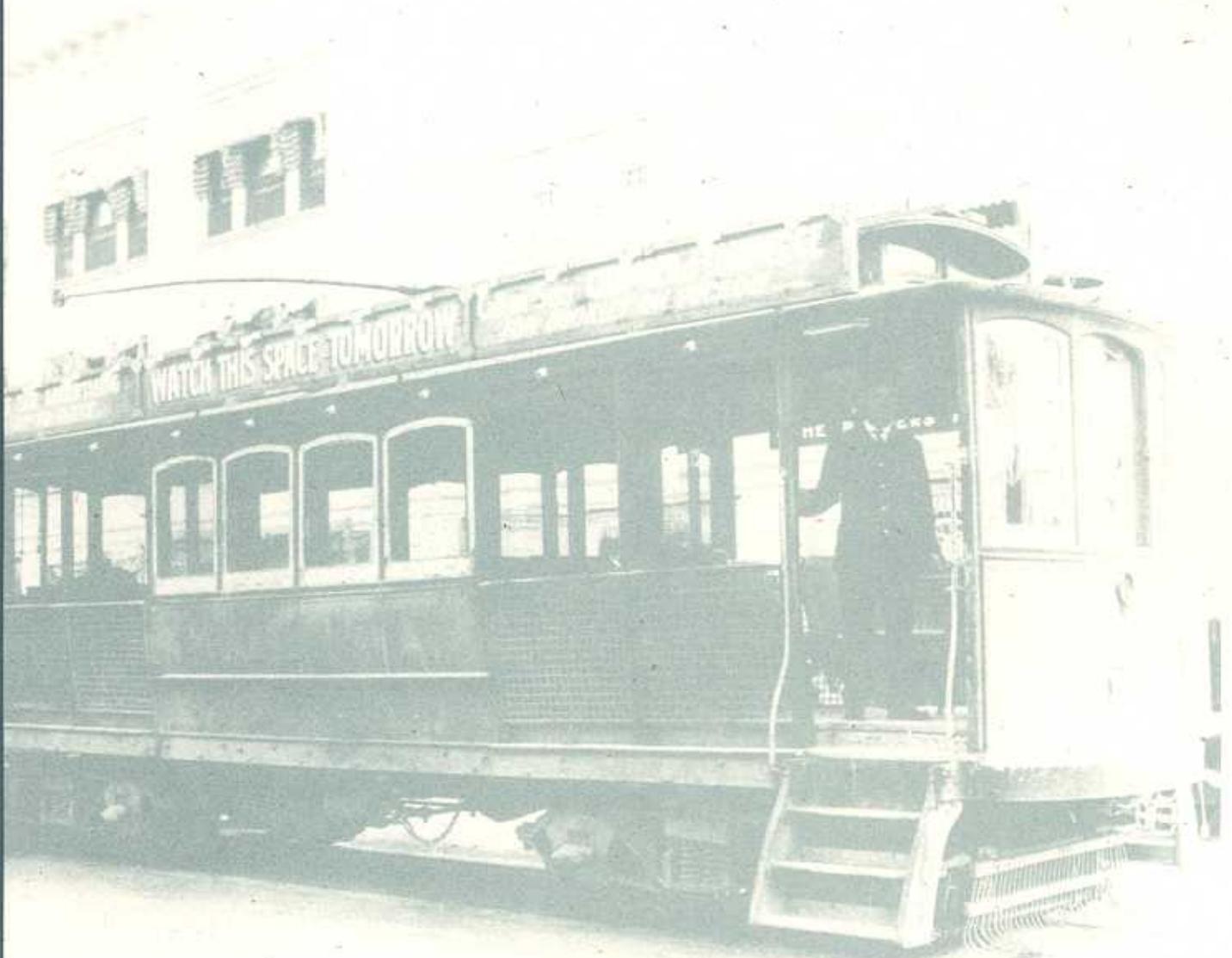
Justification:

The vendor for the city's financial and human resources systems will not support the current software versions after July 2005. The new web-based versions have functions that will improve user access to information.

Source of Funds:	Prior Year(s)	Adopted Fiscal Year 2005			Approved	Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009				
General Fund	1,870.5	-	800.0	800.0	-	-	-	-	800.0	-	2,670.5	
Total	1,870.5	-	800.0	800.0	-	-	-	-	800.0	-	2,670.5	

SECTION C

UNMET CAPITAL NEEDS



UNMET CAPITAL NEEDS

During the summer and fall of 2003, the Capital Budget Committee (CBC) worked with departments to identify the city's unmet capital needs. The goals of this process were to ensure consistency across departments and alignment with the City's General and Strategic Plans.

The resulting unmet capital needs project listing provides . . .

- Foundation for a new bond authorization.
- Support for the continued development of impact fees.
- Rationale for the consideration of new revenue sources.
- Basis for the Community Facilities Management Strategy required by the General Plan.

Departments submitted unmet capital needs—projects with no currently identified funding source—in two categories: *existing unmet capital needs* to serve the current population and *future growth-related unmet capital needs* for growth through 2030. The city's unmet needs for both of those categories total almost \$6 billion.

Unmet Capital Needs Summary			
	Existing	Future	
(in \$000)	Unmet Needs	Growth-Related	Total
	Unmet Needs	Unmet Needs	
Neighborhood Services	\$ 726,949.3	\$ 411,710.0	\$ 1,138,659.3
Environment and Development	3,039,289.3	1,531,845.0	4,571,134.3
Strategic Initiatives	11,425.0	30,000.0	41,425.0
Support Services	59,871.1	26,299.6	86,170.7
Non-Departmental	<u>117,605.0</u>	<u>-0-</u>	<u>117,605.0</u>
Total	\$ 3,955,139.7	\$ 1,999,854.6	\$ 5,954,994.3

The large amount of *existing unmet capital needs* has resulted from a lack of planning, few development standards in the past, and the city's rapid growth since World War II. Over the past thirty years the city has annexed 142 square miles, much of which had incomplete infrastructure—minimal sidewalks, street lighting, and inadequate drainage. The resulting backlog of projects has been exacerbated by the city's lack of ongoing infrastructure maintenance.

The *future growth-related unmet capital needs* could easily escalate if proper planning is not done before future development occurs. The amount could also increase if the city annexes additional square miles, particularly if the existing infrastructure that does not meet city development standards.

[Note: The process for conducting the unmet capital needs occurred before several initiatives that will impact the number of unfunded projects: establishment of the Environmental Services utility, approval of the Pima County 2004 general obligation bond program, and development of street and park impact fees. These new funding sources will require adjustments to this listing in the next budget cycle.]

EXISTING UNMET CAPITAL NEEDS

Projects submitted by departments in this category were those needed to serve the city's current population of approximately 514,000 (June 2003) for which there was no identified funding source. Departments were asked to program what could be reasonably done over the next five years and to include the remaining needs under "future years." Existing unmet capital needs total almost \$4 billion: \$1.6 billion over the next five years and \$2.4 billion in future years.

Existing Unmet Capital Needs¹			
(in \$000)	Five Year (FY 2005 through FY 2009)	Future Years	Total
Neighborhood Services	\$ 376,309.3	\$ 350,640.0	\$ 726,949.3
Environment and Development	996,137.3	2,043,152.0	3,039,289.3
Strategic Initiatives	11,425.0	-0-	11,425.0
Support Services	59,871.1	-0-	59,871.1
Non-Departmental	117,605.0	-0-	117,605.0
Total	\$ 1,561,347.7	\$ 2,393,792.0	\$ 3,955,139.7

¹Capital projects needed to serve the city's current population.

Approximately 50% of the projects in this category would have an impact on annual operating budgets. If all projects were constructed, the annual operating and maintenance impact would be approximately \$18.8 million in current dollars.

Neighborhood Services

The Neighborhood Services category includes projects for City Court, Community Services, Fire, Library, Neighborhood Resources, Parks and Recreation, and Police. These unfunded projects account for \$726.9 million or 20% of the total existing unmet needs.

City Court. The one project for City Court is a new facility to be developed jointly with Pima County. The city's estimate for its portion of the facility is \$45 million.

Community Services. This program for \$18.7 million contains two projects: land acquisition for affordable housing and development of the downtown depot plaza housing and retail. A federal grant is being pursued to help fund the depot plaza project.

Fire. Fire's four unfunded projects totaling \$30 million include one station for the southside, relocation of the downtown station, and expansion of the training academy.

Library. The Library's program of \$81.1 million includes expansion or construction of eight libraries and additional improvements to Jacome Plaza.

Neighborhood Resources. This \$50 million program includes a planning process for neighborhood revitalization and associated infrastructure improvements, such as sidewalks, street lighting, and parks.

Parks and Recreation. Park's program of \$457.2 million would provide for the build-out of its recently developed 2030 plan, which includes new recreation centers, ball fields, and open space. Also included is the restoration of historical buildings, such as the Esmond Station, Carnegie Library, Ft. Lowell Commissary, and Stone Avenue Temple.

Police. This \$45 million program would construct two new substations and a new forensics facility.

Environment and Development

The Environment and Development category includes projects for Development Services, Environmental Services, and Transportation. These unfunded projects account for \$3 billion or 76% of the total existing unmet capital needs.

Development Services. New computer hardware and software totaling \$1 million is needed by Development Services to integrate all current information management systems into a single system, because the vendor will likely stop supporting the current systems within the next five years.

Environmental Services. This \$45.8 million program would allow the city to meet long-term environmental mandates and extend the life of the Los Reales Landfill, the city's only disposal site.

Transportation. Transportation's \$3 billion program is the largest component of the existing unmet capital needs category. Street improvements of \$2 billion account for the bulk of the department's needs. The remaining \$1 billion is for drainage, street lighting, traffic signal, parking garage, and public transit improvements.

[Note: Since Tucson Water's capital needs are part of their five-year financial plans, which assume that capital needs will be funded from future user revenues and revenue bond authorizations. Therefore, the utility was excluded from the city's unmet capital needs assessment.]

Strategic Initiatives

The Strategic Initiatives category includes projects for the Tucson Convention Center. These unfunded projects total \$11.4 million, accounting for less than 1% of the total existing unmet capital needs.

Tucson Convention Center. Tucson Convention Center's project totaling \$11.4 million are for the mitigation of soil compaction problems, roof replacement, and a parking structure.

Support Services

The Support Services category includes projects for the General Services Department. These unfunded projects total \$59.9 million or 1% of the total existing unmet capital needs.

General Services. This program of \$59.9 million includes three projects. The largest project is the second phase of the emergency communications system at a cost of \$59.5 million. The other two projects, modification of the Eastside Service Center and replacement of the Price Service Center's carwash, total \$0.3 million.

Non-Departmental

The Non-Departmental category contains projects that do not fall within the scope of a single department. These unfunded projects total \$117.6 million or 3% of the total existing unmet capital needs.

General Expense. This program of \$117.6 million includes four projects: a new city hall, land acquisition adjacent to Davis-Monthan, a training facility for public work's departments, and the refurbishment of ward offices.

For a listing of the projects in the existing unmet capital needs category, see Table IV, Existing Unmet Needs, on pages C-6 through C-15.

FUTURE GROWTH-RELATED UNMET CAPITAL NEEDS

Departments were also asked to project their needs to serve future growth through 2030 in the four growth areas identified in the General Plan: Central Core, Mid-City, Evolving Edge, and Future City. To ensure a consistent approach, departments were provided population, housing, and employment projections, including the data in the following table.

Projected Growth through 2030				
	Increase in Population	Increase in Housing Units	Increase in Employment	Increase in Commercial Space (square footage)
Central Core	16,551	5,342	43,553	8,710,600
Mid-City	30,888	12,049	67,616	13,523,200
Evolving Edge	125,855	44,860	81,621	12,046,845
Future City	<u>161,157</u>	<u>58,026</u>	<u>23,496</u>	<u>15,425,947</u>
Total	334,451	120,277	216,286	49,706,592

Note: Assumed that the city's square mile area would remain the same; i.e., no new annexations.

Capital projects needed to serve future growth through 2030 total almost \$2 billion (in current dollars). That cost could increase depending on the pace of area build-out, the actual scheduling of projects, and inflationary factors.

Future Growth-Related Unmet Capital Needs ¹	
(in \$000, current dollars)	Project Totals
Neighborhood Services	\$ 411,710.0
Environment and Development	1,531,845.0
Strategic Initiatives	30,000.0
Support Services	<u>26,299.6</u>
Total	\$ 1,999,854.6

¹Capital projects needed to serve anticipated growth through 2030.

Neighborhood Services

The future growth-related unmet capital needs in this category, which includes projects for Fire, Library, Parks and Recreation, and Police, totals \$411.7 million or 21% of the total future growth-related unmet capital needs.

Fire. Fire's six projects, which include 16 new fire stations and two support facilities, total \$70.3 million.

Library. Three new library branches will be needed at a cost of \$26.4 million.

Parks and Recreation. Parks' program of \$301.6 million includes new ball fields, new parks and recreation centers, and the eventual replacement of these facilities.

Police. This program of \$13.4 million is for one new police substation.

Environment and Development

The Environment and Development category includes projects for Transportation, which accounts for 77% of the total future growth-related unmet capital needs.

Transportation. Transportation's projects total \$1.5 billion. Street projects account for \$950 million: \$400 million for a cross-town freeway, \$300 million for implementation of the Houghton Area Master Plan, and \$250 million for continuous flow intersections. The remaining \$581.8 million is for public transit expansion and enhancements.

[Note: Since Tucson Water's capital needs are part of their five-year financial plans, which assume that capital needs will be funded from future user revenues and revenue bond authorizations. Therefore, the utility was excluded from the city's unmet capital needs assessment.]

Strategic Initiatives

The Strategic Initiatives category includes projects for the Tucson Convention Center, which account for 1% of the total.

Tucson Convention Center. There is a projected need for additional meeting and exhibit space totaling \$30 million. This project may be eligible for state funding when the city's population increase tops 50,000.

Support Services

The Support Services category includes projects for the General Services Department, which account for 1% for the total.

General Services. Two multi-service facilities for \$26.2 million, one in the northwest and one in the southeast, are projected.

For a listing of unfunded projects by department, see Table V, Future Growth-Related Unmet Capital Needs, on pages C-16 through C-18.

Table IV. Existing Unmet Capital Needs

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Neighborhood Services			
City Court			
New City Court Building	\$ 45,000.0	\$ -0-	\$ 45,000.0
City Court subtotal	\$ 45,000.0	\$ -0-	\$ 45,000.0
Community Services			
Downtown Depot Plaza Housing and Retail	\$ 16,700.0	\$ -0-	\$ 16,700.0
Land Acquisition for Affordable Housing	<u>2,000.0</u>	<u>-0-</u>	<u>2,000.0</u>
Community Services subtotal	\$ 18,700.0	\$ -0-	\$ 18,700.0
Fire			
Downtown Fire Station Relocation	\$ 5,000.0	\$ -0-	\$ 5,000.0
New Fire Station for Southside	5,000.0	-0-	5,000.0
Regional Public Safety Training Academy Expansion	<u>20,000.0</u>	<u>-0-</u>	<u>20,000.0</u>
Fire subtotal	\$ 30,000.0	\$ -0-	\$ 30,000.0
Library			
Columbus Branch Library Expansion	\$ 1,500.0	\$ -0-	\$ 1,500.0
Dusenberry-River Branch Library	-0-	7,350.0	7,350.0
Himmel Branch Library	750.0	-0-	750.0
Joel D. Valdez Main Library Expansion	41,000.0	-0-	41,000.0
Jacome Plaza Improvements, Phase II	500.0	-0-	500.0
Mission Branch Library Expansion	1,500.0	-0-	1,500.0
Tucson Mountains East	8,120.0	-0-	8,120.0
Valencia Library	10,185.0	-0-	10,185.0
Wilmot Branch Library Replacement	<u>10,185.0</u>	<u>-0-</u>	<u>10,185.0</u>
Library subtotal	\$ 73,740.0	\$ 7,350.0	\$ 81,090.0
Neighborhood Resources			
Neighborhood Planning and Reinvestment	\$ 50,000.0	\$ -0-	50,000.0
Neighborhood Resources subtotal	\$ 50,000.0	\$ -0-	\$ 50,000.0
Parks and Recreation			
Adaptive Recreation Center Expansion	\$ -0-	\$ 7,987.0	\$ 7,987.0
Administration Complex/Hi Corbett Parking Structure	-0-	14,250.0	14,250.0
Agua Caliente River Park	-0-	5,000.0	5,000.0
Amphi School District Ballfields Development	750.0	750.0	1,500.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Neighborhood Services (continued)			
Parks and Recreation (continued)			
Armory Center Kitchen Renovation	\$ -0-	\$ 270.0	\$ 270.0
Armory Park Improvements	-0-	600.0	600.0
Arroyo Chico Urban Trail Development	1,000.0	-0-	1,000.0
Atturbury Wash Sanctuary Expansion	2,000.0	-0-	2,000.0
Baseball Fields Development (Adult)	-0-	6,400.0	6,400.0
Baseball Fields Development (Youth)	-0-	2,450.0	2,450.0
Birdman Center Expansion	-0-	240.0	240.0
Carnegie Library Improvements	500.0	-0-	500.0
Cherry Avenue Center Expansion	-0-	1,000.0	1,000.0
Cherry Avenue Park Improvements	195.0	-0-	195.0
Clements Center Senior Expansion	-0-	3,000.0	3,000.0
Columbus Park Improvements	-0-	1,135.0	1,135.0
Congress Street Entertainment District	4,000.0	-0-	4,000.0
Country Club Annex Park Improvements	40.0	-0-	40.0
Desert Shadows Park Improvements	40.0	-0-	40.0
Desert Vista Park Expansion	1,500.0	-0-	1,500.0
Downtown Plazuelas, Greenways, and Signature Park	1,250.0	2,750.0	4,000.0
Dunbar School Cultural Center	4,000.0	-0-	4,000.0
Eastside Seniors Center Expansion	-0-	5,850.0	5,850.0
Eastside Seniors Center Initial Development	5,900.0	-0-	5,900.0
El Pueblo Center Improvements	-0-	1,955.0	1,955.0
El Rio Center Parking Expansion	70.0	-0-	70.0
Emergency Acquisition and Repair of Historic Properties	500.0	-0-	500.0
Esmond Station Acquisition and Rehabilitation	1,500.0	-0-	1,500.0
Estevan Park Improvements	-0-	47.0	47.0
Exterior Rehabilitation Program for Historic Properties	1,000.0	-0-	1,000.0
First and Limberlost Park	10,100.0	-0-	10,100.0
Fort Lowell Park Historic Features Management Plan	-0-	150.0	150.0
Fort Lowell Park Land Acquisition (Adkin's Property)	3,000.0	-0-	3,000.0
Freedom Center Expansion	2,267.0	-0-	2,267.0
Ft Lowell/Commissary/Rodeo Grounds Improvements	500.0	-0-	500.0
Himmel Park Improvements	-0-	510.0	510.0
Irrigation/Ballfield Lighting Management System	1,500.0	-0-	1,500.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Neighborhood Services (continued)			
Parks and Recreation (continued)			
Irvington Landfill Development	\$ -0-	\$ 3,750.0	\$ 3,750.0
Jacobs Park Improvements	45.0	-0-	45.0
James Thomas Park Improvements	430.0	-0-	430.0
Jesse Owens Park Development	475.0	-0-	475.0
Juhan Park Expansion	1,200.0	-0-	1,200.0
Julian Wash Linear park	-0-	3,700.0	3,700.0
Julian Wash Park Improvements	-0-	500.0	500.0
Kennedy Park Improvements	590.5	-0-	590.5
Kino and 36th Street Open Space	-0-	1,000.0	1,000.0
Lake Improvements	728.5	-0-	728.5
Lake Leakage	1,386.5	-0-	1,386.5
Lakeside Park Improvements	150.0	-0-	150.0
Land Acquisition and Development	-0-	160,500.0	160,500.0
Lincoln Park Improvements	2,050.0	-0-	2,050.0
Mansfield Park Acquisition and Development	6,300.0	-0-	6,300.0
Menlo Park Improvements	-0-	70.0	70.0
Mirasol Park Improvements	-0-	215.0	215.0
Mission Manor Park Improvements	225.0	-0-	225.0
Multiple Use Paths	4,530.2	-0-	4,530.2
Murrieta Park Improvements	175.0	-0-	175.0
New Comfort Stations	-0-	525.0	525.0
Northwest Center Indoor Walking Track	348.0	-0-	348.0
Oaktree Park Improvements	215.0	-0-	215.0
Ormsby Center Replacement	-0-	1,175.0	1,175.0
Ormsby Park Improvements	130.1	-0-	130.1
Oury Center Renovation	-0-	905.0	905.0
Pantano River Park	-0-	13,000.0	13,000.0
Parkview Park Improvements	485.0	-0-	485.0
Pascua Center Expansion	-0-	4,760.0	4,760.0
Performing Arts Center Renovation	-0-	3,000.0	3,000.0
Playground Development	-0-	4,275.0	4,275.0
Pueblo Gardens Park Improvements	175.0	-0-	175.0
Purple Heart Park Expansion	1,300.0	1,300.0	2,600.0
Quincie Douglas Center Expansion	1,175.0	-0-	1,175.0
Quiroz/Herrera Park Improvements	-0-	620.0	620.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Neighborhood Services (continued)			
Parks and Recreation (continued)			
Randolph Center Improvements	\$ -0-	\$ 1,350.0	\$ 1,350.0
Reid Park Improvements	2,495.0	-0-	2,495.0
Reid Park Zoo Education Building	1,000.0	-0-	1,000.0
Reid Park Zoo Master Plan Improvements	-0-	22,746.0	22,746.0
Reid Park Zoo Rhinoceros Exhibit Rehabilitation	750.0	-0-	750.0
Replacement of Antiquated Irrigation Systems	10,613.5	-0-	10,613.5
Replacement of Antiquated Comfort Stations	1,050.0	-0-	1,050.0
Replacement of Antiquated Playground Equipment	950.0	-0-	950.0
Replacement of Antiquated Ballfield Lighting Systems	720.0	-0-	720.0
Rillito River Park	-0-	3,000.0	3,000.0
Rio Vista Natural Resource Park Expansion	1,500.0	-0-	1,500.0
Rodeo Grounds Improvements	2,500.0	-0-	2,500.0
Rodeo Grounds Master Plan Improvements	-0-	24,000.0	24,000.0
Rodeo Wash Park Improvements	195.0	-0-	195.0
Rudy Garcia Park Improvements	380.0	-0-	380.0
San Augustin Mission Reconstruction	4,000.0	4,000.0	8,000.0
Santa Cruz Natural Resource Park	-0-	2,000.0	2,000.0
Santa Cruz River Park	-0-	7,900.0	7,900.0
Santa Cruz Riverpark Bridge Crossing	-0-	300.0	300.0
Santa Cruz Sports Park	2,000.0	4,000.0	6,000.0
Santa Rita Park Improvements	195.0	-0-	195.0
School/Park Facility Partnerships	205.0	205.0	410.0
Security Lighting	1,000.0	-0-	1,000.0
Silverlake Park Improvements	1,965.0	-0-	1,965.0
Soccer Field Development	-0-	2,800.0	2,800.0
Softball Field Development	-0-	4,500.0	4,500.0
Southeast Community Park	12,000.0	-0-	12,000.0
Southeast Regional Recreational Amenities (Civano)	-0-	4,000.0	4,000.0
Stevens/Fish/Romero House Improvements	500.0	-0-	500.0
Stone Avenue Temple/Carrillo House Project	1,050.0	-0-	1,050.0
Sunnyside Park Improvements	625.0	-0-	625.0
Swimming Pool Renovation	-0-	1,000.0	1,000.0
Swimming Pools: Water Slides	150.0	350.0	500.0
Swimming Pools: Bromine-Ozone Water Purification	2,750.0	-0-	2,750.0
Thirty-Sixth Street Open Space Corridor	-0-	5,000.0	5,000.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Neighborhood Services (continued)			
Parks and Recreation (continued)			
Udall Park Improvements	\$ 1,500.0	\$ 1,500.0	\$ 3,000.0
Valle Alegre Open Space	-0-	1,000.0	1,000.0
Wavery Circle Irrigation System	<u>50.0</u>	<u>-0-</u>	<u>50.0</u>
Parks and Recreation subtotal	\$ 113,869.3	\$ 343,290.0	\$ 457,159.3
Police			
Forensics Facility	\$ 15,000.0	\$ -0-	\$ 15,000.0
New Substation	15,000.0	-0-	15,000.0
Operations Division Downtown Substation	<u>15,000.0</u>	<u>-0-</u>	<u>15,000.0</u>
Police subtotal	\$ 45,000.0	\$ -0-	\$ 45,000.0
Neighborhood Services subtotal	\$ 376,309.3	\$ 350,640.0	\$ 726,949.3
Environment and Development			
Development Services			
Computer Integration and Enhancements	<u>\$ 1,000.0</u>	<u>\$ -0-</u>	<u>\$ 1,000.0</u>
Development Services subtotal	\$ 1,000.0	\$ -0-	\$ 1,000.0
Environmental Services			
City Landfill Groundwater Investigations, Phase II	\$ 500.0	\$ -0-	\$ 500.0
Closed Landfill Gas Mitigation, Phase II	510.0	-0-	510.0
Closed Landfill Improvements, Phase II	503.0	-0-	503.0
Cottonwood Landfill Project, Phase II	100.0	-0-	100.0
Harrison Landfill End-Use Plan	375.0	-0-	375.0
Harrison Landfill Remediation, Phase II	129.0	-0-	129.0
Household Hazardous Waste Facility	1,302.0	-0-	1,302.0
Irvington Landfill Closure, Phase II	600.0	-0-	600.0
Los Reales Landfill Access Roadway	2,412.0	-0-	2,412.0
Los Reales Landfill Buffer Improvements	442.0	-0-	442.0
Los Reales Landfill Drainage Improvements	-0-	580.0	580.0
Los Reales Landfill Facilities, Phase II	220.0	-0-	220.0
Los Reales Landfill Final Closure	-0-	16,983.0	16,983.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Environment and Development (continued)			
Environmental Services (continued)			
Los Reales Landfill Future Cells, Phase II	\$ 8,635.0	\$ -0-	\$ 8,635.0
Los Reales Landfill Gas Control	95.0	-0-	95.0
Los Reales Landfill Remediation, Phase II	200.0	-0-	200.0
Los Reales Landfill Intermediate Closure, Phase II	100.0	927.0	1,027.0
Los Reales Landfill Self Hauler Facility	750.0	-0-	750.0
Los Reales Landfill Southwest Remediation, Phase II	200.0	-0-	200.0
Los Reales Landfill West Property Acquisition	480.0	-0-	480.0
Price Service Center Remediation, Phase II	321.0	-0-	321.0
Tenth Avenue Transfer Station Renovation	2,396.0	-0-	2,396.0
Transfer Station Development	6,700.0	-0-	6,700.0
Tumamoc Landfill Closure	300.0	-0-	300.0
Environmental Services subtotal	\$ 27,270.0	\$ 18,490.0	\$ 45,760.0
Transportation - Streets			
22nd St Corridor: Interstate 10 to Tucson Blvd	\$ 25,000.0	\$ 35,000.0	\$ 60,000.0
22nd Street: Camino Seco to Houghton Road	-0-	15,000.0	15,000.0
Acquisition and Upgrading of Warehouse District Assets	2,500.0	-0-	2,500.0
Alvernon Way Corridor: Ft Lowell to 29th Street.	20,500.0	70,000.0	90,500.0
Barraza Aviation Downtown Segment	25,000.0	75,000.0	100,000.0
Barraza Aviation Parkway: Downtown, Phase IV	-0-	46,562.0	46,562.0
Broadway Boulevard Corridor Improvements	10,000.0	65,000.0	75,000.0
Broadway Boulevard Diamond Lane at El Con Mall	400.0	-0-	400.0
Broadway Boulevard: Camino Seco to Houghton Road	-0-	15,000.0	15,000.0
Campbell Avenue: River Road to Grant Road	26,000.0	14,000.0	40,000.0
Conversion of Internally Illuminated Street Name Signs	1,250.0	-0-	1,250.0
Craycroft Corridor: River Road to Golf Links Road	-0-	75,000.0	75,000.0
Dirt Streets Paving Program	-0-	10,000.0	10,000.0
First Avenue: Grant Road to River Road	500.0	45,000.0	45,500.0
Ft. Lowell: Oracle to First Improvements	650.0	-0-	650.0
Ft. Lowell: First to Campbell Improvements	675.0	-0-	675.0
Ft. Lowell: Campbell to Country Club Improvements	750.0	-0-	750.0
Ft. Lowell: Alvernon to Swan Improvements	475.0	-0-	475.0
Grant Road Corridor: Silverbell to Swan Road	40,000.0	65,000.0	105,000.0
Harrison Road: Golf Links Road to Irvington Road	-0-	16,000.0	16,000.0
Houghton Road: Tanque Verde to Interstate 10	6,000.0	124,000.0	130,000.0
Irvington Road: Kolb Road to Houghton Road	-0-	30,000.0	30,000.0
Kino Blvd/36th St Pedestrian Overpass	3,500.0	-0-	3,500.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Environment and Development (continued)			
Transportation - Streets (continued)			
Kolb Road: Irvington Road to Valencia Road	\$ -0-	\$ 2,500.0	\$ 2,500.0
Major Intersections Upgrades Program	25,000.0	20,000.0	45,000.0
Major Street Landscaping Program	4,500.0	22,500.0	27,000.0
Major Street Rehabilitation and Resurfacing Program	75,000.0	225,000.0	300,000.0
Major Street Sidewalks Program	5,000.0	40,000.0	45,000.0
New Facility for Streets and Traffic Maintenance Division	10,000.0	-0-	10,000.0
Pantano Road Repaving: Escalante to Irvington Road	1,500.0	-0-	1,500.0
Pantano Wash Off-Road Shared Use Path	-0-	1,475.0	1,475.0
Prince Road: Campbell Avenue to Country Club Road	7,000.0	-0-	7,000.0
Railroad Bridge Widening Program	-0-	60,000.0	60,000.0
Residential Street Rehabilitation and Resurfacing Program	100,000.0	200,000.0	300,000.0
Residential Streets Sidewalks Program	5,000.0	85,000.0	90,000.0
Santa Cruz River Off-Road Shared Use Path	875.0	-0-	875.0
Silverbell Road: Camino del Cerro to Grant Road	30,000.0	-0-	30,000.0
Speedway Boulevard: Camino Seco to Houghton Road	8,000.0	-0-	8,000.0
Speedway Boulevard: Alvernon Way to Wilmot Road	500.0	59,500.0	60,000.0
Speedway Boulevard: Stone Avenue to Euclid Avenue	-0-	15,000.0	15,000.0
Stone Avenue Corridor Improvements	41,000.0	-0-	41,000.0
Tanque Verde Road: Catalina Hwy to Houghton Rd	5,000.0	-0-	5,000.0
Tanque Verde Road/Pio Decimo Intersection	500.0	-0-	500.0
Tanque Verde Wash Off-Road Shared Use Path	-0-	2,250.0	2,250.0
Upgrade and Reconstruct Median Irrigation Systems	56,100.0	-0-	56,100.0
Urban Roadway Upgrades	11,000.0	27,000.0	38,000.0
Valencia Road: Kolb Road to Houghton Road	31,350.0	-0-	31,350.0
Valencia Road: Interstate 19 to Mission Road	1,500.0	-0-	1,500.0
Wetmore Road: Fairview to Oracle Road	1,000.0	-0-	1,000.0
	\$ 583,025.0	\$ 1,460,787.0	\$ 2,043,812.0
Transportation - Drainage			
Box Culvert Replacement Program	\$ -0-	\$ 2,500.0	\$ 2,500.0
Bridge Replacement Program	-0-	17,000.0	17,000.0
Columbus Wash, Phase III	3,500.0	-0-	3,500.0
Miscellaneous Drainage Improvements	1,500.0	-0-	1,500.0
Pantano Wash Bank Protection: Golf Links to Houghton Road	17,500.0	-0-	17,500.0
Santa Cruz Rv Bank Protection: 29th Street to Ajo Way	11,000.0	-0-	11,000.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Environment and Development (continued)			
Transportation - Drainage (continued)			
Santa Cruz River Bank Protection: Ft Lowell to Rillito	38,000.0	-0-	38,000.0
Santa Cruz River Bank Protection: Irvington to Valencia	8,500.0	-0-	8,500.0
Tucson Arroyo Box Culvert Reconstruction	18,000.0	-0-	18,000.0
Tucson Arroyo Drainage: Campbell to Country Club	3,000.0	-0-	3,000.0
Tucson Stormwater Management System Program	<u>45,000.0</u>	<u>355,000.0</u>	<u>400,000.0</u>
	\$ 146,000.0	\$ 374,500.0	\$ 520,500.0
Transportation - Street Lighting			
Arterial Street Light Pole Reconstruction	\$ 75.3	\$ -0-	\$ 75.3
Conversion of Mounted Street Lighting	750.0	-0-	750.0
Major Streets Street Lighting Program	<u>15,000.0</u>	<u>60,000.0</u>	<u>75,000.0</u>
	\$ 15,825.3	\$ 60,000.0	\$ 75,825.3
Transportation - Traffic Signals			
Americans with Disabilities Act (ADA) Improvements	\$ 500.0	\$ 2,500.0	\$ 3,000.0
Central Traffic Management System Software Upgrade	2,000.0	2,000.0	4,000.0
Communication System Traffic Controllers	606.0	1,500.0	2,106.0
Downtown Signal and Street Light System Upgrades	9,000.0	3,000.0	12,000.0
Emergency Pre-emption and Transit Priority System	1,250.0	1,000.0	2,250.0
Intelligent Transportation System Improvements	275.0	-0-	275.0
Living Transportation Laboratory, Phase III	826.0	-0-	826.0
Miscellaneous Traffic Improvements	500.0	2,500.0	3,000.0
Regional Communication Center	26,500.0	12,500.0	39,000.0
School Flasher Construction	460.0	2,875.0	3,335.0
Traffic Engineering Web Page	500.0	-0-	500.0
Traffic Signal and Control Equipment Upgrades	6,500.0	14,000.0	20,500.0
Traffic Signal and Flasher Construction	16,500.0	40,000.0	56,500.0
Transportation Communication System Upgrade	<u>15,600.0</u>	<u>17,500.0</u>	<u>33,100.0</u>
	\$ 81,017.0	\$ 99,375.0	\$ 180,392.0
Transportation - Parking Garages			
Civic Plaza Parking Structure(s)	\$ 50,000.0	\$ -0-	\$ 50,000.0
City/State Garage Shade Structures with Solar Panels	<u>2,000.0</u>	<u>-0-</u>	<u>2,000.0</u>
	\$ 52,000.0	\$ -0-	\$ 52,000.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Environment and Development (continued)			
Transportation - Public Transit			
Automated Vehicle Locator System Replacement	\$ 1,595.0	\$ -0-	\$ 1,595.0
Downtown Intermodal Center, Phase IV	10,000.0	-0-	10,000.0
El Paso Gas Line Compressed Natural Gas Tap	350.0	-0-	350.0
Golf Links and Kolb Park 'n Ride	125.0	-0-	125.0
Information Video Monitors	350.0	-0-	350.0
Old Pueblo Trolley Downtown Extension	21,500.0	10,000.0	31,500.0
Park Place Transit Facility	5,000.0	-0-	5,000.0
Replacement Buses	17,500.0	-0-	17,500.0
Rio Nuevo Shuttle Service	5,400.0	-0-	5,400.0
Southeast Transit Facility	5,000.0	-0-	5,000.0
Speedway and Harrison Park 'n Ride	600.0	-0-	600.0
Sun Tran Bus Storage and Maintenance Facility, Future	22,160.0	20,000.0	42,160.0
T.I.C.E.T. Shuttle Stop Enhancements	420.0	-0-	420.0
	<u>\$ 90,000.0</u>	<u>\$ 30,000.0</u>	<u>\$ 120,000.0</u>
Transportation subtotal	\$ 967,867.3	\$ 2,024,662.0	\$ 2,992,529.3
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Environment and Development subtotal	\$ 996,137.3	\$ 2,043,152.0	\$ 3,039,289.3
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Strategic Initiatives			
Tucson Convention Center			
Compaction Mitigation	\$ 1,750.0	\$ -0-	\$ 1,750.0
New Patron Parking Structure	8,575.0	-0-	8,575.0
New Roof	1,100.0	-0-	1,100.0
Tucson Convention Center subtotal	\$ 11,425.0	\$ -0-	\$ 11,425.0
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Strategic Initiatives subtotal	\$ 11,425.0	\$ -0-	\$ 11,425.0

**Table IV. Existing Unmet Capital Needs
(continued)**

(in \$ 000)	Five-Years FY 2005 through FY 2009	Future Years	Total
Support Services			
General Services			
Eastside Service Area Modification	\$ 141.5	\$ -0-	\$ 141.5
Regional Communications System and Facility ((\$31 million shown as funded in the five-year CIP))	59,549.5	-0-	59,549.5 -0.0-
Replace Current Price Service Center Carwash	<u>180.1</u>	<u>-0-</u>	<u>180.1</u>
General Services subtotal	\$ 59,871.1	\$ -0-	\$ 59,871.1
Support Services subtotal	\$ 59,871.1	\$ -0-	\$ 59,871.1
Non-Departmental			
General Expense			
Davis-Monthan Environs Land Acquisition	\$ 30,000.0	\$ -0-	\$ 30,000.0
New City Hall	75,000.0	-0-	75,000.0
Public Works Training Facility	9,005.0	-0-	9,005.0
Ward Office Refurbishment and Remodeling	<u>3,600.0</u>	<u>-0-</u>	<u>3,600.0</u>
General Expense subtotal	\$ 117,605.0	\$ -0-	\$ 117,605.0
Non-Departmental subtotal	\$ 117,605.0	\$ -0-	\$ 117,605.0
Grand Total	\$ 1,561,347.7	\$ 2,393,792.0	\$ 3,955,139.7

Table V. Summary of Future Growth-Related Unmet Capital Needs

<u>(in \$ 000)</u>	<u>Total Project</u>
Neighborhood Services	
Fire	
Additional Fire Prevention Center Facility	\$ 4,250.0
Additional Maintenance Facility	3,600.0
New Fire Stations - Central Core	11,700.0
New Fire Stations - Mid City	7,800.0
New Fire Stations - Evolving Edge	19,500.0
New Fire Stations - Future City	<u>23,400.0</u>
Fire subtotal	\$ 70,250.0
Library	
Catalina Foothills Branch Library	\$ 8,120.0
Southeast Branch Library	10,185.0
Vail Branch Library	<u>8,120.0</u>
Library subtotal	\$ 26,425.0
Parks and Recreation	
Baseball Fields Development (Adult)	\$ 7,200.0
Baseball Fields Development (Youth)	7,700.0
Comfort Station Replacements	1,750.0
Eastside Sports Complex Acquisition and Development	14,400.0
Houghton Greenway	1,400.0
Irrigation System Replacement	11,000.0
Land Acquisition and Parks Development	173,200.0
Multiple Use Paths	3,696.0
Playground Replacement	1,200.0
Playgrounds Development	8,265.0
Recreation Center Improvements	21,874.0
Rio Nuevo Downtown Development Recreational Vehicle Park	3,000.0
Soccer Fields Development	7,200.0
Softball Fields Development	8,250.0
Sport Fields Lighting Replacement	1,500.0
Swimming Pool Replacement	<u>30,000.0</u>
Parks and Recreation subtotal	\$ 301,635.0
Police	
Police Station-Future Growth	\$ 13,400.0
Police subtotal	\$ 13,400.0
Neighborhood Services subtotal	\$ 411,710.0

**Table V. Summary of Future Growth-Related Unmet Capital Needs
(continued)**

(\$ 000)	Total Project
Environment and Development	
Transportation - Streets	
Continuous Flow Intersections	\$ 250,000.0
Cross Town Freeway	400,000.0
Houghton Area Master Plan Implementation	<u>300,000.0</u>
	\$ 950,000.0
Transportation - Public Transit	
Bus Rapid Transit Implementation	\$ 20,425.0
Bus Rapid Transit Replacement Buses	40,850.0
East Transit Station #1	5,000.0
East Transit Station #2	2,500.0
Enhancement Buses	105,000.0
Fare Collection Equipment	6,120.0
Geographical Passenger Counter	2,000.0
Integrated Communication System	1,350.0
Replacement buses for Future Expansion	332,500.0
Relocate Ronstadt Transit Center	8,000.0
Roy Laos Transit Center Rehabilitation	1,500.0
Satellite Facilities	11,900.0
South Central Transit Center	8,000.0
South Central Transit Station	2,500.0
Southeast Maintenance Facility	21,600.0
South Park and Ride #1	600.0
South Park and Ride #2	600.0
South Park and Ride #3	600.0
South Park and Ride #4	600.0
South Transit Station #1	2,500.0
South Transit Station #2	2,500.0
South Transit Station #3	2,500.0
Tohono Tadaí Transit Center Rehabilitation	1,500.0
West Park and Ride #1	600.0
West Park and Ride #2	<u>600.0</u>
	\$ 581,845.0
Transportation subtotal	\$ 1,531,845.0
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Environment and Development subtotal	\$ 1,531,845.0

**Table V. Summary of Future Growth-Related Unmet Capital Needs
(continued)**

<u>(in \$ 000)</u>	<u>Total Project</u>
Strategic Initiatives	
Tucson Convention Center	
Additional Meeting and Exhibit Space	\$ 30,000.0
Tucson Convention Center subtotal	\$ 30,000.0
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Strategic Initiatives subtotal	\$ 30,000.0
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Support Services	
General Services	
Northwest Multi-Service Facility	\$ 13,149.8
Southeast Multi-Service Facility	<u>13,149.8</u>
General Services subtotal	\$ 26,299.6
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Support Services subtotal	\$ 26,299.6
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Grand Total	\$ 1,999,854.6
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