



**City of Tucson, Arizona
Approved Five-Year
Capital Improvement Program
Fiscal Years 2014 - 2018**



CITY OF TUCSON, ARIZONA

Approved Five-Year Capital Improvement Program Fiscal Years 2014 through 2018 *Effective July 1, 2013*

Mayor and Council



HONORABLE
JONATHAN ROTHSCHILD
Mayor



REGINA ROMERO
Ward One



PAUL CUNNINGHAM
Ward Two



KARIN UHLICH
Ward Three



SHIRLEY SCOTT
Ward Four



RICHARD FIMBRES
Ward Five



STEVE KOZACHIK
Ward Six

City Administration

RICHARD MIRANDA
City Manager

KELLY GOTTSCHALK
Assistant City Manager/
Chief Financial Officer

ALBERT ELIAS
Assistant City Manager

MARTHA DURKIN
Assistant City Manager





TABLE of CONTENTS

Section A – Overview

Overview of the Five-Year Capital Improvement Program	A-1
Table I: Summary by Department.....	A-8
Table II: Summary by Funding Source.....	A-9
Table III: Summary of CIP Impact on the Operating Budget	A-11
Table IV. Projects with Pima County Bond Funding	A-12
Department Summary Budgets.....	A-13

Section B – Department Programs

City Court.....	B-1
Environmental Services	B-3
General Services	B-8
Housing and Community Development	B-10
Parks and Recreation	B-15
Transportation.....	B-28
Tucson Fire.....	B-64
Tucson Water	B-66
Non-Departmental	B-112

Section A Overview



OVERVIEW of the FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

It is the practice of the City of Tucson to develop, maintain, and revise when necessary a continuing Capital Improvement Program (CIP). The CIP covers a five-year planning horizon (Fiscal Years 2014-2018) and identifies infrastructure and facility projects that the city will undertake during this timeframe as well as the funding sources available for projected expenditures.

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

- Budget Highlights
- Capital Improvement Program Process
- Summary of Expenditures and Funding Sources
- Department Programs
- Impact on the Operating Budget

BUDGET HIGHLIGHTS

This approved CIP totals \$808.8 million; \$225.9 million is budgeted in the first year of the CIP and is a component of the Fiscal Year 2014 Adopted Budget. Notable projects include the following:

Advanced Oxidation Process Treatment Plant. Plan, design, and construct an Advanced Oxidation Process Treatment Plant to treat Tucson Airport Remediation Project (TARP) water for 1,4-dioxane removal. The plant will be located at the TARP Facility near I-19 and Irvington and will be completed in Fiscal Year 2014. Construction of a treatment plant is needed to ensure compliance as the Environmental Protection Agency is expected to establish health based limits for 1,4-dioxane. Total project costs are estimated to be \$18.6 million with \$5.4 million budgeted in Fiscal Year 2014. The project is funded by Water Revenue System Obligation Funds and the Water Infrastructure Reserve Fund.

Communications Center Expansion. Renovate and upgrade the Tucson Police and Tucson Fire Departments' combined Emergency Communications Center located at the Thomas O. Price Service Center (TOPSC). Improvements include expanding the dispatch operations facility to allow for 20-year growth, replacing console and telephone switching, and upgrading the radio communications infrastructure used in public safety and medical dispatch operations. Total project costs are estimated to be \$9.4 million with \$4.1 million budgeted in Fiscal Year 2014. The project is funded by public safety impact fees, Pima County bonds, and miscellaneous federal grants.

Modern Streetcar/SunLink. Plan, design, and construct a four-mile fixed rail transit system that will connect the University of Arizona Campus and the downtown redevelopment area on the west side of Interstate 10. Total project costs are estimated to be \$166.5 million with \$33.6 million budgeted in Fiscal Year 2014. The project includes \$63 million in Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Funding administered by the U.S. Department of Transportation. The project also includes \$75 million in Regional Transportation Authority (RTA) funding.

Street Improvements: Proposition 409. Restore, repair, and resurface streets inside Tucson City limits with the \$100 million bond program approved by voters in November 2012. Street resurfacing will be over a five-year period and approximately 85% of bond funds will be allocated to major streets and 15% will be allocated to neighborhood streets. All work will be competitively bid out to private sector contractors. Total projects costs are estimated to be \$99.0 million with \$19.8 million budgeted in Fiscal Year 2014 (\$1.0 million is for the cost of issuance).

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

CAPITAL IMPROVEMENT PROGRAM PROCESS

Defining a Capital Improvement

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

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

Exceptions have been made for inclusion of a few projects that do not meet the above criteria (SunTran buses and SunVan paratransit vans) to make the planning, funding, and acquisition of these purchases more visible to the public and the governing body.

Steps from Submittal to Approval

In November 2012, the CIP process began with the Office of Budget and Internal Audit providing direction and guidelines to CIP department liaisons for the upcoming CIP. Departments were given approximately six weeks to develop their CIP requests based on their assessment of needs, citizen committee input, and existing bond authorizations and grant awards. Departments were directed to include only projects with secured funding. Exceptions were made for annual federal grant appropriations from the Federal Transit Administration, other pending awards that would require budget capacity be available (e.g., any non-federal grant or contribution), and future enterprise revenue bonds. Department requests were reviewed by the Office of Budget and Internal Audit and applicable revisions were made.

The proposed CIP was presented to the Mayor and Council on April 16, 2013 along with the Recommended Fiscal Year 2014 budget. The first year of the CIP was included as part of the City's recommended budget which was reviewed and discussed by the Mayor and Council at Study Sessions in April and May. Two public hearings were held prior to the adoption of the Fiscal Year 2014 budget on May 21st.

SUMMARY of EXPENDITURES and FUNDING SOURCES

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

Expenditures

The Approved Five-Year CIP for Fiscal Years 2014 through 2018 totals \$808.8 million. The majority of the projects are in the Public Utilities category, which includes Environmental Services and Tucson Water.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

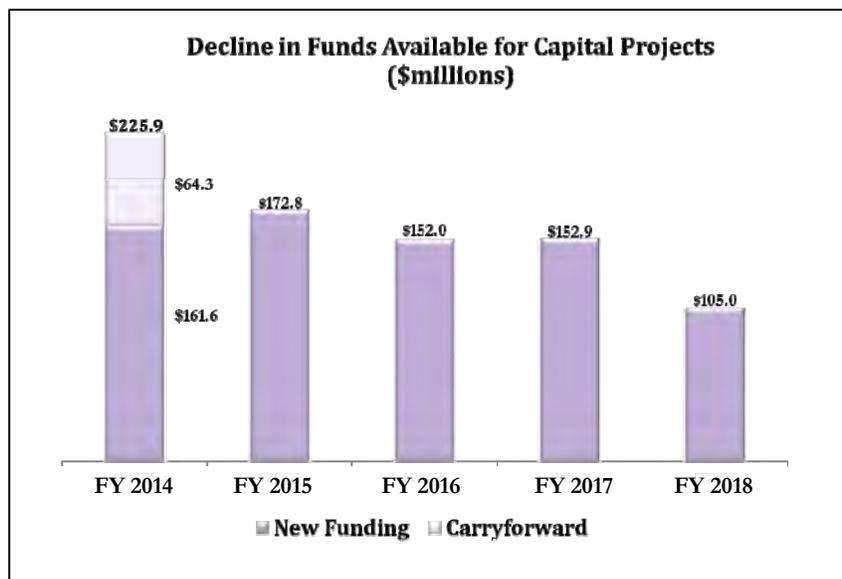
Five-Year CIP Summary of Expenditures

(in \$000s)	Adopted Year 1 FY 2014	Approved Five- Year Program
Community Enrichment and Development	\$ 147,029.7	\$ 457,877.7
Public Safety and Justice Services	5,091.6	7,891.6
Public Utilities	71,235.0	340,391.0
Support Services	1,591.5	1,591.5
Non-Departmental: General Expense	1,000.0	1,000.0
Total	\$ 225,947.8	\$ 808,751.8

This five-year CIP is \$17.5 million less than the \$826.3 million approved five-year CIP for Fiscal Years 2013 through 2017. The decrease is primarily due to the completion of projects funded by the RTA and Mass Transit Federal Grants.

Fiscal Year 2014 includes \$64.3 million carried forward for project expenditures not made as planned during Fiscal Year 2013. On top of that is \$161.6 million in new funding. The CIP presumes that all of the Fiscal Year 2014 budget will be spent in that year.

CIP expenditures decline significantly after Fiscal Year 2014 from \$172.8 million in Fiscal Year 2015 to \$105.0 million by Fiscal Year 2018. The decline in new funding over the following three years is primarily due to the spending down of RTA funding and Mass Transit Federal Grants.



For a summary of expenditures by department and fiscal year, see Table I, Five-Year CIP Summary by Department on page E-8.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

Funding Sources

This five-year program of \$808.8 million is funded primarily from Capital Projects Funds.

Five-Year CIP Summary of Funding Sources

(in \$000s)	Adopted Year 1 FY 2014	Approved Five- Year Program
Capital Projects Funds	\$ 123,988.2	\$ 356,918.4
Enterprise Funds	71,235.0	340,391.0
General Fund	1,000.0	1,000.0
Special Revenue Funds	29,724.6	110,442.4
Total	\$ 225,947.8	\$ 808,751.8

Capital Projects Funds. This category, which includes the City bond funds, is 44% of the five-year CIP. These funds will provide \$356.9 million over the next five years. RTA funds of \$163.7 million account for the largest portion of this category. Next are 2013 General Obligation Street Bonds of \$99.0 million. Pima County bonds will provide \$54.6 million. Capacity of \$22.9 million was added for road and regional park improvements along with \$8.1 million from regional Highway User Revenue Funds (HURF) distributed by the Pima Association of Governments (PAG). Certificates of Participation (COPs) account for \$5.4 million and also included is \$3.2 million in Public Safety impact fees.

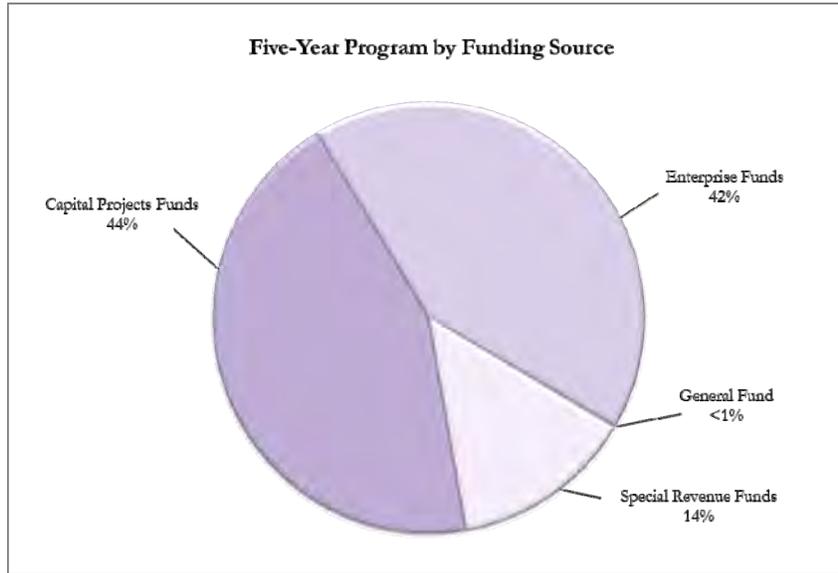
Enterprise Funds. Enterprise Funds total \$340.4 million or 42% of the five-year CIP. Environmental Services totals \$16.5 million. Tucson Water accounts for the remaining \$323.9 million: \$71.3 million from user revenues, \$55.0 million from Water’s Obligation funds, and \$197.6 from future water revenue bonds.

General Fund. This category totals \$1.0 million or less than 1% of the five-year CIP and is funding citywide technology improvements.

Special Revenue Funds. This category totals \$110.4 million or 14% of the five-year CIP. Included in this category are Federal grants of \$98.1 million. The General Fund provides \$8.5 million for Mass Transit. The remaining \$3.8 million comes from a variety of sources including developers, civic contributions, and the City’s HURF allocation.

For more detail on funding sources, see Table II, Five-Year CIP Summary by Funding Source beginning on page E-9.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM



DEPARTMENT PROGRAMS

Programs are briefly presented in this section by departments which are listed alphabetically within their budget reporting categories, also known as service areas: Community Enrichment and Development, Public Safety and Justice Services, Public Utilities, Support Services, and Non-Departmental. For a further listing of the projects by departments see pages E-13 through E-28.

Community Enrichment and Development

The Community Enrichment and Development category, which accounts for 56% of the total five-year CIP, contains projects managed by Housing and Community Development, Parks and Recreation, and Transportation.

Housing and Community Development. This department's five-year program of \$2.3 million consists of seven projects. Funding is provided by the City's Highway User Revenue Fund and the Community Development Block Grant Fund.

Parks and Recreation. Parks' five-year CIP of \$11.0 million contains 22 projects. These projects are funded primarily from Pima County bonds of \$6.1 million. Revenue from impact fees, civic contributions, certificates of participation, and miscellaneous non-federal grants provide for the remaining \$4.9 million. These funds provide for a wide range of projects: improvements at regional parks, expansion of recreation centers, and amenities at neighborhood parks.

Transportation. The five-year Transportation program of \$444.5 million includes four program areas: Public Transit for \$106.5 million, Street Lighting for \$0.2 million, Streets for \$333.2 million, and Traffic Signals for \$4.6 million. Because there are insufficient funds to meet all of Transportation's needs, this CIP allocates available funding to the highest priority projects.

The largest funding source for Transportation's projects is the funding from the RTA plan which totals \$163.7 million. General Obligation Street Bonds total \$99.0 million. Federal funding provides another significant portion totaling \$96.8 million: \$53.3 million for transit projects and \$43.5 million for street projects. Other funding sources are Pima County bond funds of \$47.6 million, regional HURF from PAG of \$8.1 million, city HURF of \$2.1 million, and impact fee revenues of \$18.7 million. The remaining \$8.5 million is from the General Fund for Mass Transit, which is used as the local match for federal transit grants.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

Public Safety and Justice Services

The Public Safety and Justice Services category, which accounts for 1% of the total five-year CIP, contains projects managed by City Court and Tucson Fire.

City Court. City Court's five-year program of \$3.8 million consists of one project, Court Building Remodel. This project is funded with certificates of participation in the Capital Improvement Fund.

Tucson Fire. Tucson Fire's five-year program of \$4.1 million consists of one project, the Communications Center Expansion. This project is funded with revenue from public safety impact fees in the amount of \$3.3 million and Pima County bonds of \$0.8 million.

Public Utilities

The Public Utilities category, which accounts for 42% of the total five-year CIP, contains projects managed by Environmental Services and Tucson Water.

Environmental Services. The department's five-year program of seven projects totals \$16.5 million. Environmental Services' CIP is funded from Environmental Service revenues.

Tucson Water. The five-year Tucson Water CIP of \$323.9 million includes \$291.7 million of improvements to the potable water system and \$32.2 million of improvements for the reclaimed water system. Tucson Water's CIP is funded with future water revenue bond authorization of \$197.6 million, operation funds of \$71.3 million, 2012 Revenue Obligation funds of \$7.0 million, and 2014 Revenue Obligation funds of \$48.0 million.

Support Services

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

General Services. The five-year General Services program of \$1.6 million consists of one project, Elevator and Escalator Code Compliance. General Services' CIP is funded with certificates of participation in the Capital Improvement Fund.

Non-Departmental

The Non-Departmental category, which accounts for less than 1% of the total five-year CIP, contains one project that is budgeted here because it is beyond the oversight scope of a single department. The Technology Improvements Project will convert the City's multiple enterprise-related computer systems into a single Enterprise Resource Planning (ERP) system. This project is funded by the General Fund.

IMPACT on the OPERATING BUDGET

The completion of many capital projects is the beginning of recurring costs for the operating budget. Operating and Maintenance (O&M) impacts from projects in this five-year CIP total \$4.1 million for Fiscal Year 2014, increasing to \$4.3 million for Fiscal Year 2015, and to \$31.8 million by Fiscal Year 2018. The General Fund O&M impacts in Fiscal Year 2014 are for the opening of new or expanded facilities.

For summaries and project detail of O&M impacts by department and funding source over the next five years, see Table III, Summary of CIP Impact on the Operating Budget on page E-11.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

SUMMARY TABLES

Table I, Summary by Department (page E-8).

Table II, Summary by Funding Source (page E-9).

Table III, Summary of CIP Impact on the Operating Budget (page E-11).

Table IV, Projects with Pima County Bond Funding (E-12).

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

**Table I. Summary by Department
(\$000)**

	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Community Enrichment and Development						
Housing and Community Development	\$ 900.2	\$ 513.0	\$ 513.0	\$ 200.0	\$ 200.0	\$ 2,326.2
Parks and Recreation	2,903.4	5,306.0	2,589.4	100.0	100.0	10,998.8
Transportation	143,226.1	96,602.9	92,148.0	72,913.1	39,662.6	444,552.7
Subtotal	\$147,029.7	\$102,421.9	\$ 95,250.4	\$ 73,213.1	\$ 39,962.6	\$457,877.7
Public Safety and Justice Services						
City Court	\$ 1,000.0	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-	\$ 3,800.0
Tucson Fire	4,091.6	-0-	-0-	-0-	-0-	4,091.6
Subtotal	\$ 5,091.6	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-	\$ 7,891.6
Public Utilities						
Environmental Services	\$ 6,853.0	\$ 2,280.0	\$ 2,900.0	\$ 4,500.0	\$ -0-	\$ 16,533.0
Tucson Water	64,382.0	65,664.0	53,499.0	75,232.0	65,081.0	323,858.0
Subtotal	\$ 71,235.0	\$ 67,944.0	\$ 56,399.0	\$ 79,732.0	\$ 65,081.0	\$340,391.0
Support Services						
General Services	\$ 1,591.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,591.5
Subtotal	\$ 1,591.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,591.5
Non-Departmental						
General Expense	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0
Subtotal	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0
Total	\$225,947.8	\$172,765.9	\$152,049.4	\$152,945.1	\$105,043.6	\$808,751.8

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

Table II. Summary by Funding Source (\$000)

	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Capital Projects Funds						
2013 General Obligation Street Bonds	\$ 19,800.0	\$ 19,800.0	\$ 19,800.0	\$ 19,800.0	\$ 19,800.0	\$ 99,000.0
Capital Agreement Fund: PAG	2,728.0	5,000.0	350.0	-0-	-0-	8,078.0
Capital Agreement Fund: Pima County Bonds	7,334.8	6,115.6	19,144.4	22,000.0	-0-	54,594.8
Capital Improvement Fund	2,619.4	2,400.0	400.0	-0-	-0-	5,419.4
Impact Fee Fund: Central District	811.9	1,614.5	-0-	1,500.0	-0-	3,926.4
Impact Fee Fund: Central Pending	-0-	-0-	1,500.0	1,500.0	-0-	3,000.0
Impact Fee Fund: East District	1,781.8	412.1	-0-	1,500.0	1,500.0	5,193.9
Impact Fee Fund: Southeast District	2,388.6	149.1	1,500.0	-0-	-0-	4,037.7
Impact Fee Fund: Southlands District	-0-	1,571.3	-0-	-0-	-0-	1,571.3
Impact Fee Fund: West District	183.6	-0-	2,500.0	2,500.0	-0-	5,183.6
Public Safety Impact Fee Fund	3,260.0	-0-	-0-	-0-	-0-	3,260.0
Regional Transportation Authority Fund	83,080.1	23,344.9	29,666.3	17,581.0	9,981.0	163,653.3
Subtotal	\$123,988.2	\$ 60,407.5	\$ 74,860.7	\$ 66,381.0	\$ 31,281.0	\$356,918.4
Enterprise Funds						
2012 Water Revenue System Obligation Fund	\$ 7,001.9	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 7,001.9
2014 Water Revenue System Obligation Fund	47,834.2	\$ 29.0	\$ 39.3	\$ 26.8	\$ 33.1	47,962.4
Environmental Services Fund	6,853.0	2,280.0	2,900.0	4,500.0	-0-	16,533.0
Future Water Revenue Bonds	-0-	54,188.4	39,420.8	57,564.4	46,413.1	197,586.7
Tucson Water Revenue and Operations Fund	9,545.9	11,446.6	14,038.9	17,640.8	18,634.8	71,307.0
Subtotal	\$ 71,235.0	\$ 67,944.0	\$ 56,399.0	\$ 79,732.0	\$ 65,081.0	\$340,391.0
General Fund	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0
Subtotal	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

**Table II. Summary by Funding Source
(\$000)**

	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
Special Revenue Funds						
Civic Contributions Fund	\$ 302.5	\$ 50.0	\$ 50.0	\$ 50.0	\$ 50.0	\$ 502.5
Community Development Block Grant Fund	682.5	513.0	513.0	200.0	200.0	2,108.5
Federal Highway Administration Grants	10,899.4	24,816.0	7,790.0	-0-	-0-	43,505.4
Highway User Revenue Fund	1,508.3	154.7	53.0	35.0	35.0	1,786.0
Highway User Revenue Fund: In-Lieu Fees	613.4	-0-	-0-	-0-	-0-	613.4
Mass Transit Fund: General Fund	1,379.6	2,670.0	1,749.4	1,244.0	1,423.4	8,466.4
Mass Transit Fund: Federal Grants	11,536.1	16,160.7	10,584.3	5,253.1	6,923.2	50,457.4
Mass Transit: Surplus HELP Funds	2,752.8	-0-	-0-	-0-	-0-	2,752.8
Non-Federal Grants Fund	50.0	50.0	50.0	50.0	50.0	250.0
Subtotal	\$ 29,724.6	\$ 44,414.4	\$ 20,789.7	\$ 6,832.1	\$ 8,681.6	\$110,442.4
Total	\$225,947.8	\$172,765.9	\$152,049.4	\$152,945.1	\$105,043.6	\$808,751.8

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

Table III. Summary of CIP Impact on the Operating Budget (\$000)

	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
SERVICE AREA/IMPACT						
Community Enrichment and Development						
Parks and Recreation	\$ 64.7	\$ 50.1	\$ 62.8	\$ 935.3	\$ 888.8	\$ 2,001.7
Transportation	3,119.8	3,275.7	3,427.5	5,289.8	29,979.0	45,091.8
Subtotal	\$ 3,184.5	\$ 3,325.8	\$ 3,490.3	\$ 6,225.1	\$ 30,867.8	\$ 47,093.5
Public Utilities						
Tucson Water	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 4,750.0
Subtotal	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 4,750.0
Total	\$ 4,134.5	\$ 4,275.8	\$ 4,440.3	\$ 7,175.1	\$ 31,817.8	\$ 51,843.5
SOURCE OF FUNDS SUMMARY						
Enterprise Funds						
Tucson Water Revenue and Operations Fund	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 4,750.0
Subtotal	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 950.0	\$ 4,750.0
General Fund	\$ 64.7	\$ 50.1	\$ 62.8	\$ 935.3	\$ 888.8	\$ 2,001.7
Subtotal	\$ 64.7	\$ 50.1	\$ 62.8	\$ 935.3	\$ 888.8	\$ 2,001.7
Special Revenue Funds						
Highway User Revenue Fund	\$ 171.5	\$ 187.5	\$ 248.0	\$ 258.0	\$ 264.5	\$ 1,129.5
Mass Transit Fund	18.3	158.2	249.5	2,101.8	26,784.5	29,312.3
RTA Fund	2,930.0	2,930.0	2,930.0	2,930.0	2,930.0	14,650.0
Subtotal	\$ 3,119.8	\$ 3,275.7	\$ 3,427.5	\$ 5,289.8	\$ 29,979.0	\$ 45,091.8
Total	\$ 4,134.5	\$ 4,275.8	\$ 4,440.3	\$ 7,175.1	\$ 31,817.8	\$ 51,843.5

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

**Table IV. Projects with Pima County Bond Funding
(\$000)**

	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
Parks and Recreation						
Arroyo Chico Urban Path: Campbell/Parkway	\$ 50.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 50.0
Atterbury Wash Sanctuary Expansion	50.0	-0-	-0-	-0-	-0-	50.0
Freedom Park Improvements/ 29th Street Coalition	463.2	-0-	-0-	-0-	-0-	463.2
Menlo Park Elementary Soccer Improvements	10.0	-0-	-0-	-0-	-0-	10.0
Northside Recreation Center	200.0	2,600.0	2,489.4	-0-	-0-	5,289.4
Toumey Park	5.0	-0-	-0-	-0-	-0-	5.0
Wakefield/St. John's Skate Facility	200.0	-0-	-0-	-0-	-0-	200.0
Transportation						
22nd Street: I-10 to Tucson Boulevard	-0-	-0-	-0-	9,000.0	-0-	9,000.0
Alvernon Heights Pima County Neighborhood Reinvestment	65.0	135.6	-0-	-0-	-0-	200.6
Broadway Boulevard: Euclid to Country Club	-0-	-0-	12,000.0	13,000.0	-0-	25,000.0
Five Points Transportation Enhancement	460.0	-0-	-0-	-0-	-0-	460.0
Houghton Road: Bridge Replacement	-0-	3,380.0	3,405.0	-0-	-0-	6,785.0
Houghton Road: Irvington to Valencia	5,000.0	-0-	-0-	-0-	-0-	5,000.0
Houghton Road: Upper to I-10	-0-	-0-	1,250.0	-0-	-0-	1,250.0
Tucson Fire						
Communications Center Expansion	831.6	-0-	-0-	-0-	-0-	831.6
Total	\$ 7,334.8	\$ 6,115.6	\$ 19,144.4	\$ 22,000.0	\$ -0-	\$ 54,594.8

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

CITY COURT

(\$000)

	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Project Name						
Court Building Remodel	\$ 1,000.0	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-	\$ 3,800.0
Total	\$ 1,000.0	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-	\$ 3,800.0
Source of Funds Summary						
Capital Improvement Fund	\$ 1,000.0	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-	\$ 3,800.0
Total	\$ 1,000.0	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-	\$ 3,800.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
ENVIRONMENTAL SERVICES
(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Los Reales Landfill Administration Building	\$ 595.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 595.0
Los Reales Landfill East Property Acquisition	1,500.0	1,500.0	-0-	-0-	-0-	3,000.0
Los Reales Landfill Entrance Facilities	3,375.0	-0-	-0-	-0-	-0-	3,375.0
Los Reales Landfill Infrastructure Plan	150.0	-0-	-0-	-0-	-0-	150.0
Los Reales Landfill Self Hauler Facility	-0-	-0-	300.0	4,500.0	-0-	4,800.0
Los Reales Landfill Truck Wash and Scale Facility	845.0	-0-	-0-	-0-	-0-	845.0
Tenth Avenue Maintenance Facility	388.0	780.0	2,600.0	-0-	-0-	3,768.0
Total	\$ 6,853.0	\$ 2,280.0	\$ 2,900.0	\$ 4,500.0	\$ -0-	\$ 16,533.0
Source of Funds Summary						
Environmental Services Fund	\$ 6,853.0	\$ 2,280.0	\$ 2,900.0	\$ 4,500.0	\$ -0-	\$ 16,533.0
Total	\$ 6,853.0	\$ 2,280.0	\$ 2,900.0	\$ 4,500.0	\$ -0-	\$ 16,533.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

GENERAL SERVICES

(\$000)

	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Project Name						
Elevator and Escalator Code Compliance	\$ 1,591.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,591.5
Total	\$ 1,591.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,591.5
Source of Funds Summary						
Capital Improvement Fund	\$ 1,591.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,591.5
Total	\$ 1,591.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,591.5

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
HOUSING and COMMUNITY DEVELOPMENT
(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Back to Basics	\$ 257.7	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 257.7
Community Development Block Grant Master CIP	200.0	200.0	200.0	200.0	200.0	1,000.0
Jacobs Park Playground: Parks and Recreation	50.0	-0-	-0-	-0-	-0-	50.0
Mirasol Park New Lighting	10.0	-0-	-0-	-0-	-0-	10.0
Neighborhood Stabilization: Acquisitions III	195.0	195.0	195.0	-0-	-0-	585.0
Neighborhood Stabilization Program I	175.5	118.0	118.0	-0-	-0-	411.5
Reid Park Americans with Disabilities Act (ADA) Upgrades	12.0	-0-	-0-	-0-	-0-	12.0
Total	\$ 900.2	\$ 513.0	\$ 513.0	\$ 200.0	\$ 200.0	\$ 2,326.2
Source of Funds Summary						
Community Development Block Grant Fund	\$ 682.5	\$ 513.0	\$ 513.0	\$ 200.0	\$ 200.0	\$ 2,108.5
Highway User Revenue Fund	217.7	-0-	-0-	-0-	-0-	217.7
Total	\$ 900.2	\$ 513.0	\$ 513.0	\$ 200.0	\$ 200.0	\$ 2,326.2

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
PARKS and RECREATION
(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
A Mountain Improvement	\$ 50.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 50.0
Arcadia Park, Phase I	249.4	41.0	-0-	-0-	-0-	290.4
Arroyo Chico Urban Path: Campbell/Parkway	50.0	-0-	-0-	-0-	-0-	50.0
Arroyo Chico Urban Path: Country Club to Treat	-0-	200.0	-0-	-0-	-0-	200.0
Atterbury Wash Sanctuary Expansion	50.0	-0-	-0-	-0-	-0-	50.0
Ball Field Lighting Upgrade	27.9	-0-	-0-	-0-	-0-	27.9
Cherry Avenue Center Expansion, Phase I	10.8	-0-	-0-	-0-	-0-	10.8
Christopher Columbus Park Expansion	122.8	-0-	-0-	-0-	-0-	122.8
Freedom Park Improvements/ 29th Street Coalition	463.2	-0-	-0-	-0-	-0-	463.2
Menlo Park Elementary Soccer Improvements	10.0	-0-	-0-	-0-	-0-	10.0
Northside Recreation Center	200.0	2,600.0	2,489.4	-0-	-0-	5,289.4
Parks Strategic Plan	273.7	148.1	-0-	-0-	-0-	421.8
Purple Heart Park Expansion	226.9	-0-	-0-	-0-	-0-	226.9
Quincie Douglas and Silverlake Park Expansion	100.0	-0-	-0-	-0-	-0-	100.0
Reid Park Expansion, Phase 1	411.9	273.5	-0-	-0-	-0-	685.4
Shade Structure Projects	100.0	100.0	100.0	100.0	100.0	500.0
South Central Community Park, Phase I	99.3	520.2	-0-	-0-	-0-	619.5
Toumey Park	5.0	-0-	-0-	-0-	-0-	5.0
Valencia and Alvernon Community Park, Phase I	-0-	453.3	-0-	-0-	-0-	453.3
Valencia Corridor Land Acquisition, Phase I	-0-	969.9	-0-	-0-	-0-	969.9
Wakefield/St. John's Skate Facility	249.6	-0-	-0-	-0-	-0-	249.6
World War II Memorial Project	202.9	-0-	-0-	-0-	-0-	202.9
Total	\$ 2,903.4	\$ 5,306.0	\$ 2,589.4	\$ 100.0	\$ 100.0	\$ 10,998.8

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
PARKS and RECREATION
(\$000)

	Adopted Year 1 FY 2014	Year 2 FY 2015	Projected Requirements			Five Year Total
			Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
Source of Funds Summary						
Capital Improvement Fund	\$ 27.9	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 27.9
Capital Agreement Fund: Pima County Bonds	978.2	2,600.0	2,489.4	-0-	-0-	6,067.6
Civic Contributions Fund	302.5	50.0	50.0	50.0	50.0	502.5
Impact Fee Fund: Central Benefit District	511.9	473.5	-0-	-0-	-0-	985.4
Impact Fee Fund: East Benefit District	523.1	412.1	-0-	-0-	-0-	935.2
Impact Fee Fund: Southeast Benefit District	326.2	149.1	-0-	-0-	-0-	475.3
Impact Fee Fund: Southlands Benefit District	-0-	1,571.3	-0-	-0-	-0-	1,571.3
Impact Fee Fund: West Benefit District	183.6	-0-	-0-	-0-	-0-	183.6
Non-Federal Grants Fund	50.0	50.0	50.0	50.0	50.0	250.0
Total	\$ 2,903.4	\$ 5,306.0	\$ 2,589.4	\$ 100.0	\$ 100.0	\$ 10,998.8

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
22nd Street: I-10 to Tucson Boulevard	\$ 16,930.9	\$ 2,005.0	\$ 4,005.0	\$ 11,305.0	\$ 5.0	\$ 34,250.9
4th/Congress/Toole Bike Pedestrian Improvement	48.0	318.0	-0-	-0-	-0-	366.0
ADA Transit Enhancement	294.0	156.0	-0-	-0-	-0-	450.0
ADA Transition Plan	79.5	53.0	53.0	-0-	-0-	185.5
Administration Building Upgrades	517.5	-0-	-0-	-0-	-0-	517.5
Alvernon Heights Pima County Neighborhood Reinvestment	70.0	140.6	-0-	-0-	-0-	210.6
Arroyo Chico Greenway	300.0	300.0	-0-	-0-	-0-	600.0
Barraza-Aviation Downtown Links, Phase I	5,700.0	2,005.0	5.0	5.0	5.0	7,720.0
Broadway Boulevard: Camino Seco to Houghton	-0-	322.0	322.0	4,605.0	4,342.0	9,591.0
Broadway Boulevard: Euclid to Country Club	2,505.0	10,005.0	22,505.0	22,005.0	5,168.0	62,188.0
Camino Seco: Speedway to Wrightstown	10.0	-0-	-0-	-0-	-0-	10.0
Campbell Avenue Revitalization	654.0	-0-	-0-	-0-	-0-	654.0
CNG Fueling System	-0-	-0-	500.0	4,500.0	-0-	5,000.0
CNG Fueling Upgrade	2,400.0	-0-	-0-	-0-	-0-	2,400.0
Columbus Corridor Pedestrian Path	42.4	132.6	-0-	-0-	-0-	175.0
Communication System Improvements	566.0	66.0	-0-	-0-	-0-	632.0
Copper Street Bike Boulevard	400.0	100.0	-0-	-0-	-0-	500.0
El Paso and Southwestern Greenway	50.0	858.0	200.0	-0-	-0-	1,108.0
Expansion Buses for Sun Tran	-0-	-0-	10,625.0	-0-	-0-	10,625.0
Expansion Vans for Sun Van	436.9	190.0	190.0	-0-	-0-	816.9
Fifth Street Bike Boulevard	150.0	225.0	-0-	-0-	-0-	375.0
First Avenue: River to Grant	-0-	-0-	986.0	986.0	986.0	2,958.0
Five Points Transportation Enhancement	1,354.0	-0-	-0-	-0-	-0-	1,354.0
Gila Panther Tracks Safe Routes to School	10.0	300.0	-0-	-0-	-0-	310.0
Glenn Street Transportation Enhancement	75.0	528.5	-0-	-0-	-0-	603.5
Grant: Oracle to Swan	2,280.0	6,446.0	1,005.0	1,205.0	5.0	10,941.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

Project Name (Continued)	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Houghton Road: Bridge Replacement	\$ 1,036.0	\$ 5,380.0	\$ 5,905.0	\$ -0-	\$ -0-	\$ 12,321.0
Houghton Road: Broadway Intersection Improvements	8,327.7	5.0	5.0	-0-	-0-	8,337.7
Houghton Road: Irvington to Valencia	11,774.9	-0-	-0-	-0-	-0-	11,774.9
Houghton Road: Union Pacific Railroad to I-10	625.0	1,312.0	6,562.0	-0-	-0-	8,499.0
Intermodal Center Projects	3,282.8	-0-	-0-	-0-	-0-	3,282.8
Intersection Improvements	574.0	-0-	-0-	-0-	-0-	574.0
Kolb Road Connection to Sabino Canyon	1,005.0	12,601.1	355.0	-0-	-0-	13,961.1
Kolb/University of Arizona Science and Tech Park Signal	250.0	-0-	-0-	-0-	-0-	250.0
La Paloma Academy Pedestrian Traffic Signal	201.0	-0-	-0-	-0-	-0-	201.0
Liberty Avenue Bicycle Boulevard	53.0	1,105.0	-0-	-0-	-0-	1,158.0
Modern Streetcar System/SunLink	33,566.6	-0-	-0-	-0-	-0-	33,566.6
Pantano Repaving: Escalante to Irvington	2,239.4	-0-	-0-	-0-	-0-	2,239.4
Park-and-Ride Lot: Houghton	1,168.0	-0-	-0-	-0-	-0-	1,168.0
Park-and-Ride Lot: Rita Ranch	1,955.8	-0-	-0-	-0-	-0-	1,955.8
Park Avenue Transportation Enhancement	127.0	495.0	-0-	-0-	-0-	622.0
Pima Street Pedestrian Pathway Enhancements	353.0	370.0	-0-	-0-	-0-	723.0
Regional Seamless Fare System	1,790.0	-0-	-0-	-0-	-0-	1,790.0
Regional Transportation Data Network	2,844.7	-0-	-0-	-0-	-0-	2,844.7
Replacement Buses for Sun Tran	-0-	15,428.1	6,860.0	-0-	7,996.8	30,284.9
Replacement Vans for Sun Van	4,748.9	3,325.0	2,660.0	1,841.1	193.8	12,768.8
Rio Vista Safe Routes to School	350.0	350.0	-0-	-0-	-0-	700.0
Rita Road Enhancements	800.0	-0-	-0-	-0-	-0-	800.0
Robison Safe Routes to School	60.0	100.0	240.0	-0-	-0-	400.0
Ronstadt Transit Center	861.0	-0-	-0-	-0-	-0-	861.0
RTA Hawks	300.0	300.0	-0-	-0-	-0-	600.0
Security for Transit	156.0	156.0	156.0	156.0	156.0	780.0
Silverbell: Ina to Grant Road	2,289.6	3,203.4	4,005.0	4,005.0	1,005.0	14,508.0
Speedway and Sixth Avenue Signal Upgrades	100.0	-0-	-0-	-0-	-0-	100.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

Project Name (Continued)	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Speedway Boulevard at Union Pacific Underpass	\$ 1,025.0	\$ 7,000	\$ -0-	\$ -0-	\$ -0-	\$ 8,025.0
Speedway: Camino Seco to Houghton	8.0	2.0	-0-	-0-	-0-	10.0
Stone Ave: Drachman and Speedway Improvements	3,107.0	-0-	-0-	-0-	-0-	3,107.0
Street Improvements: Proposition 409	19,800.0	19,800.0	19,800.0	19,800.0	19,800.0	99,000.0
Sunset: Silverbell to I-10 to River	-0-	-0-	2,500.0	2,500.0	-0-	5,000.0
Transit Bus Restoration	15.6	15.6	-0-	-0-	-0-	31.2
Transit Centers Improvements	278.9	-0-	-0-	-0-	-0-	278.9
Treat Avenue Bike Boulevard	200.0	300.0	-0-	-0-	-0-	500.0
Tucson Blvd Multi-use Path	350.0	-0-	-0-	-0-	-0-	350.0
Union Pacific Railroad: Nogales Branch Safety	25.0	-0-	-0-	-0-	-0-	25.0
Valencia: Alvernon to Kolb	1,500.0	-0-	1,500.0	-0-	-0-	3,000.0
Valencia: Kolb to Houghton	1,204.0	1,204.0	1,204.0	-0-	-0-	3,612.0
Total	\$ 143,226.1	\$ 96,602.9	\$ 92,148.0	\$ 72,913.1	\$ 39,662.6	\$ 444,552.7

Source of Funds Summary

2013 General Obligation Street Bonds	19,800.0	19,800.0	19,800.0	19,800.0	19,800.0	99,000.0
Capital Agreement Fund: PAG	2,728.0	5,000.0	350.0	-0-	-0-	8,078.0
Capital Agreement Fund: Pima County Bonds	5,525.0	3,515.6	16,655.0	22,000.0	-0-	47,695.6
Federal Highway Administration Grants	10,899.4	24,816.0	7,790.0	-0-	-0-	43,505.4
Highway User Revenue Fund	1,290.6	154.7	53.0	35.0	35.0	1,568.3
Highway User Revenue Fund: In-Lieu Fees	613.4	-0-	-0-	-0-	-0-	613.4
Mass Transit Fund: Federal Grants	11,536.1	16,160.7	10,584.3	5,253.1	6,923.2	50,457.4
Mass Transit Fund: General Fund	1,379.6	2,670.0	1,749.4	1,244.0	1,423.4	8,466.4
Mass Transit Fund: Surplus HELP Funds	2,752.8	-0-	-0-	-0-	-0-	2,752.8
Regional Transportation Authority Fund	83,080.1	23,344.9	29,666.3	17,581.0	9,981.0	163,653.3
Impact Fee Fund: Central District	300.0	1,141.0	-0-	1,500.0	-0-	2,941.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

	Adopted Year 1 FY 2014	Year 2 FY 2015	Projected Requirements			Year 5 FY 2018	Five Year Total
			Year 3 FY 2016	Year 4 FY 2017			
Source of Funds Summary (Continued)							
Impact Fee Fund: Central Pending	\$ -0-	\$ -0-	\$ 1,500.0	\$ 1,500.0	\$ -0-	\$ 3,000.0	
Impact Fee Fund: East District	1,258.7	-0-	-0-	1,500.0	1,500.0	4,258.7	
Impact Fee Fund: Southeast District	2,062.4	-0-	1,500.0	-0-	-0-	3,562.4	
Impact Fee Fund: West District	-0-	-0-	2,500.0	2,500.0	-0-	5,000.0	
Total	\$ 143,226.1	\$ 96,602.9	\$ 92,148.0	\$ 72,913.1	\$ 39,662.6	\$ 444,552.7	

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TUCSON FIRE

(\$000)

Project Name	Adopted	Projected Requirements					Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total	
Communications Center Expansion	\$ 4,091.6	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 4,091.6	
Total	\$ 4,091.6	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 4,091.6	
Source of Funds Summary							
Capital Agreement Fund: Pima	\$ 831.6	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 831.6	
County Bonds							
Public Safety Impact Fee Funds	3,260.0	-0-	-0-	-0-	-0-	3,260.0	
Total	\$ 4,091.6	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 4,091.6	

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TUCSON WATER

(\$000)

Project Name	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
Advanced Oxidation Process Treatment	\$ 5,352.6	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 5,352.6
Arc Flash Service Upgrades	569.5	559.7	590.3	575.2	598.7	2,893.4
Avra Valley D-Zone Pressure Regulating Valves	225.4	112.0	781.2	230.2	359.3	1,708.1
Avra Valley Transmission Main Augmentation, Phase I	789.4	887.7	579.8	15,759.7	16,256.4	34,273.0
Avra Valley Transmission Main Augmentation, Phase II	-0-	-0-	-0-	575.3	2,741.8	3,317.1
Bailey Sleeve Valve Replacement	1,183.8	1,119.4	708.4	-0-	-0-	3,011.6
Bilby/Country Club Reservoir	-0-	-0-	295.2	287.6	299.4	882.2
Camino de Oeste Pressure Reducing Valve at Thornydale	78.9	223.9	-0-	-0-	-0-	302.8
Cathodic Protection for Critical Pipelines	665.2	671.6	708.3	690.3	718.5	3,453.9
Cavalier Estates Phase I	-0-	-0-	-0-	57.4	834.7	892.1
CAVSARP Well Pump Improvements	683.4	671.6	708.3	690.3	718.5	3,472.1
Chlorine System Improvements	57.0	56.0	59.0	57.5	59.9	289.4
Clearwell Outlet Valve	-0-	56.0	531.2	-0-	-0-	587.2
Control Panel Replacements: Potable	136.7	111.9	118.1	115.1	119.8	601.6
Control Panels: Reclaimed System	284.8	279.8	295.2	287.6	299.4	1,446.8
Craycroft Addition Subdivision, Phase I	-0-	1,093.5	-0-	-0-	-0-	1,093.5
Developer-Financed Reclaimed Systems	67.1	66.1	69.2	67.6	71.1	341.1
Disinfection Equipment Upgrades	136.0	134.4	141.4	138.4	143.3	693.5
Dove Mountain 30-inch Reclaimed Main	1,018.2	-0-	-0-	-0-	-0-	1,018.2
Drexel Road to Nebraska Road A-Zone Transmission Main	-0-	16.8	41.7	345.2	-0-	403.7
Drill Production Wells	2,149.4	1,267.2	944.4	1,150.5	1,197.4	6,708.9
Effluent Master Plan	335.8	-0-	-0-	-0-	-0-	335.8
Emergency Main Replacement	224.6	223.2	235.5	229.4	238.5	1,151.2
Equip Reclaimed Well EW-009	503.7	-0-	-0-	-0-	-0-	503.7
Extensions for New Services	112.3	111.6	117.7	114.7	119.2	575.5
Facility Safety and Security Infrastructure	1,136.5	1,119.5	1,180.6	1,150.4	1,197.5	5,784.5

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
TUCSON WATER
(\$000)

Project Name (Continued)	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
Filtration Modifications at Reclaimed Plant	\$ -0-	\$ -0-	\$ 354.2	\$ 1,409.4	\$ 1,467.4	\$ 3,231.0
Fire Services	1,900.0	1,900.0	1,938.0	1,976.0	2,120.0	9,834.0
Golf Links Main Replacement Phase I	168.5	-0-	-0-	-0-	-0-	168.5
Golf Links Main Replacement Phase II	-0-	33.5	554.0	-0-	-0-	587.5
Golf Links Phase V	-0-	-0-	58.9	1,089.8	-0-	1,148.7
Hayden-Udall Prime Reservoir and Booster Upgrade	169.1	951.5	578.7	9,434.1	5,821.9	16,955.3
Ina to Reclaimed Plant Transmission Main	152.7	1,679.1	-0-	-0-	-0-	1,831.8
La Entrada Electrical Service Modernization	454.6	279.9	354.2	266.6	-0-	1,355.3
La Paloma Reservoir Electrical System Upgrade	313.3	-0-	-0-	-0-	-0-	313.3
Line Replacement - 3/4"	681.8	671.6	708.4	690.3	718.5	3,470.6
Maryvale Manor Subdivision, Phase I	965.9	-0-	-0-	-0-	-0-	965.9
Maryvale Manor Subdivision, Phase II	56.2	1,316.7	-0-	-0-	-0-	1,372.9
Maryvale Manor Subdivision, Phase III	280.8	-0-	-0-	-0-	-0-	280.8
Maryvale Manor Subdivision, Phase IV	-0-	55.8	849.5	-0-	-0-	905.3
Meter Upgrade and Replacement Program	5,777.4	5,698.9	8,278.1	5,895.3	8,394.6	34,044.3
Miscellaneous Land and Right-of-Way Acquisitions	11.4	11.2	11.6	11.1	12.4	57.7
New Metered Services	50.0	50.0	51.0	52.0	53.0	256.0
New Well Equipping	779.2	2,394.4	405.1	1,936.0	395.4	5,910.1
Northgate Subdivision, Phase I	561.6	-0-	-0-	-0-	-0-	561.6
Northgate Subdivision, Phase II	1,336.6	-0-	-0-	-0-	-0-	1,336.6
On-Call Valve Replacement Program	449.3	446.3	470.9	458.9	477.0	2,302.4
Paseo Tamayo Reservoir	113.5	-0-	-0-	-0-	-0-	113.5
Payments to Developers for Oversized Systems	112.3	111.5	117.8	114.6	119.2	575.4
Pipeline Protection: Acoustic Monitoring	221.7	223.9	236.1	230.1	239.5	1,151.3
Pressure Tank Replacement	512.6	503.7	531.3	517.7	538.8	2,604.1

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
TUCSON WATER
(\$000)

Project Name (Continued)	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	
Production Well Sites	\$ 85.4	\$ 84.0	\$ 89.1	\$ 86.3	\$ 90.4	\$ 435.2
Pumping Facility Modifications	349.5	347.0	365.8	356.2	371.6	1,790.1
Reclaimed Emergency Main Enhancements	111.9	110.2	115.7	113.5	117.7	569.0
Reclaimed Pressure Reducing Valves	54.7	56.0	59.0	57.5	59.8	287.0
Reclaimed Pumping Facility Modifications	120.4	56.0	59.1	57.6	59.9	353.0
Reclaimed Reservoir and Tank Rehabilitation	569.5	335.8	472.2	345.2	359.2	2,081.9
Reclaimed Storage and Recovery	4,767.9	-0-	-0-	-0-	-0-	4,767.9
Regional Reclaimed Facility: Effluent Pumping	1,313.4	-0-	-0-	-0-	-0-	1,313.4
Rehabilitation of Critical Transmission Mains	354.8	358.2	377.3	368.4	359.2	1,817.9
Reservoir and Tank Rehabilitation	3,581.9	3,806.0	7,437.8	7,248.2	6,251.6	28,325.5
Responsive Meter Replacement	568.2	559.7	590.3	575.3	598.7	2,892.2
Review Developer-Financed Potable Projects	950.0	950.0	969.0	988.0	1,007.0	4,864.0
Road Improvement Main Replacements	6,739.1	5,579.1	4,709.1	4,588.5	4,173.5	25,789.3
Routine Main Replacements	337.0	279.0	294.3	286.8	298.1	1,495.2
Sahuarita Supply Line Slip Liner	188.5	7,779.8	-0-	-0-	-0-	7,968.3
San Paulo Village Main Replacement Phase I	-0-	-0-	35.8	540.5	-0-	576.3
San Paulo Village Main Replacement Phase II	-0-	290.1	3,000.9	-0-	-0-	3,291.0
Santa Cruz SC-008 Well Collector Line	22.2	307.8	-0-	-0-	-0-	330.0
Santa Cruz Wellfield Chemical Feed/Monitoring Facility	2,294.0	3,358.2	-0-	-0-	-0-	5,652.2
Santa Cruz Wells Re-Equipping	85.4	1,343.3	-0-	-0-	-0-	1,428.7
Santa Rita Ranch/Houghton Road 12" Main	498.9	-0-	-0-	-0-	-0-	498.9
SAVSARP Collector Lines, Phase II	-0-	1,213.4	-0-	-0-	-0-	1,213.4
SAVSARP Collector Lines, Phase III	-0-	-0-	35.0	1,722.4	-0-	1,757.4
SCADA Potable Upgrades	6,042.7	8,107.9	3,727.0	2,947.1	-0-	20,824.7
SCADA Reclaimed	856.5	1,164.2	306.7	278.8	-0-	2,606.2
Source Meter Replacement	297.7	209.3	288.2	251.1	-0-	1,046.3
South Avra Valley Recovered Transmission Main	-0-	-0-	-0-	126.1	1,598.5	1,724.6

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
TUCSON WATER
(\$000)

Project Name (Continued)	Adopted	Projected Requirements				Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total
Southeast Houghton Area Recharge Project (SHARP)	\$ 279.8	\$ 839.6	\$ 3,010.6	\$ 4,602.1	\$ -0-	\$ 8,732.1
System Enhancements: Reclaimed Tanque Verde to Wentworth 8 Inch Main	279.7	275.5	289.3	283.6	294.3	1,422.4
Upgrade Corrosion Test Stations	-0-	-0-	-0-	26.5	252.0	278.5
Water Services	55.5	56.1	58.8	57.5	60.0	287.9
Water System Acquisitions	1,510.0	1,510.0	1,540.0	1,570.0	1,601.0	7,731.0
Wellfield Upgrades	67.4	66.9	-0-	-0-	-0-	134.3
Wetlands Outflow Modifications	1,139.1	1,119.4	1,180.6	1,150.5	1,197.4	5,787.0
Wilmot Main Replacement	82.1	335.8	-0-	-0-	-0-	417.9
	-0-	55.8	884.1	-0-	-0-	939.9
Total	\$ 64,382.0	\$ 65,664.0	\$ 53,499.0	\$ 75,232.0	\$ 65,081.0	\$323,858.0

Source of Funds Summary						
2012 Water Revenue System Obligation	\$ 7,001.9	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 7,001.9
2014 Water Revenue System Obligation	47,834.2	29.0	39.3	26.8	33.1	47,962.4
Future Water Revenue Bonds	-0-	54,188.4	39,420.8	57,564.4	46,413.1	197,586.7
Tucson Water Revenue and Operations Fund	9,545.9	11,446.6	14,038.9	17,640.8	18,634.8	71,307.0
Total	\$ 64,382.0	\$ 65,664.0	\$ 53,499.0	\$ 75,232.0	\$ 65,081.0	\$323,858.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

NON-DEPARTMENTAL

(\$000)

	Adopted	Projected Requirements					Five
	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Year Total	
Project Name							
Technology Improvements	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0	
Total	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0	
Source of Funds Summary							
General Fund	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0	
Total	\$ 1,000.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,000.0	

Section B Department Programs



City Court



**Capital Improvement Program
Department Statement**

FY 2014 through FY 2018

Department: City Court

Five-Year Total: \$3,800,000

The City Court five-year capital improvement program of \$3.8 million addresses the need of renovating and upgrading the City Court building. Renovations include resurfacing of all exterior walkways; exterior wall sealing of the entire building to eliminate water leaks during rain; improvements to the entrance of the building to facilitate traffic flow; interior painting and carpet replacement. Upgrades are being made to boiler systems and Public Service counters to meet ADA compliance.

City Court

(\$000)

<p>Elevator Upgrades</p> <p>Description: Renovate and upgrade areas in the existing court building. Renovations include resurfacing of all exterior walkways; exterior wall sealing of the entire building to eliminate water leaks during rain; improvements to the entrance of the building to facilitate traffic flow; interior painting and carpet replacement. Upgrades are being made to boiler systems and Public Service counters to meet ADA compliance.</p> <p>Justification: The court was to move into a new joint City County Court Complex, to be shared with the Pima County Justice Court. Due to financial constraints, the City was unable to provide funding required by Pima County. City Court will stay in the current City Court building and upgrade and renovate.</p>										<p>Project ID: C106 Start Date: 7/10 End Date: 6/16 Location: Ward 6</p>	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Certificates of Participation	0.0	0.0	1,000.0	1,000.0	2,400.0	400.0	0.0	0.0	3,800.0	0.0	3,800.0
Total	0.0	0.0	1,000.0	1,000.0	2,400.0	400.0	0.0	0.0	3,800.0	0.0	3,800.0

Environmental Services



Capital Improvement Program Department Statement

FY 2014 through FY 2018

Department: Environmental Services

Five-Year Total: \$16,533,000

The Capital Improvement Program (CIP) is Environmental Services' avenue to plan, establish and fund the City's need to safeguard the community from environmental impacts, improve department and landfill facilities, create future landfill capacity, and comply with environmental protection regulations. Projects directly reflect the City's efforts in meeting the long-term needs of the community, enhancing neighborhoods and downtown by restoring the natural environment and removing environmental barriers to redevelopment.

The Los Reales Landfill is a regional facility serving residents and businesses of Tucson and Pima County. It is the only active landfill owned and managed by the City of Tucson. Improvements to the landfill will include perimeter fencing, utility infrastructure and site facilities for scale, administration, self-haulers, recycling, household hazardous waste and a learning center. Implementation of the master plan will be designed and completed in phases.

- Phase I – Entrance Facilities
- Phase II – Self-Hauler Facility

The five-year program includes projects to design and complete Phases I and II and is funded solely from the department's revenues. Projects are divided into the following two categories:

Facilities. Projects in this category total \$10 million and fund improvements to the department's Container Maintenance Facility and construction of facilities for Phases I and II at the Los Reales Landfill.

Landfill Construction. Projects in this category total \$6.5 million and fund design, land acquisition and Phase I construction at the Los Reales Landfill.

Environmental Services

(\$000)

Los Reales Administration Building										Project ID: Q381 Start Date: 7/13 End Date: 6/14 Location: Ward 5	
Description:											
Install an approximately 3,700 square foot, pre-engineered metal building east of the proposed scale house facility (see Q313). Construction will begin July 2013 and be completed by June 2014.											
Justification:											
This building will be used by landfill administrative staff and field crews. The structure will include a conference room, locker rooms, a break room, and will have solar panels for hot water.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	0.0	0.0	595.0	595.0	0.0	0.0	0.0	0.0	595.0	0.0	595.0
Total	0.0	0.0	595.0	595.0	0.0	0.0	0.0	0.0	595.0	0.0	595.0

Los Reales East Property Acquisition										Project ID: Q413 Start Date: 7/13 End Date: 6/15 Location: Ward 5	
Description:											
Purchase land located south of Los Reales Road and east of Craycroft Road.											
Justification:											
The land will serve as a buffer for neighboring homes.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	0.0	0.0	1,500.0	1,500.0	1,500.0	0.0	0.0	0.0	3,000.0	0.0	3,000.0
Total	0.0	0.0	1,500.0	1,500.0	1,500.0	0.0	0.0	0.0	3,000.0	0.0	3,000.0

Los Reales Entrance Facilities										Project ID: Q322	
Description: Construct site improvements, including access roads, parking lots, utility infrastructure, drainage basins, landscape and earthwork.										Start Date: 7/13	
Justification: This project will prepare the Phase I area of the 80-acre site. The roadways will provide access to the landfill face, the truck tire wash and scale house facility (see Q313), and the administration building (see Q381).										End Date: 6/14	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	0.0	2,699.0	676.0	3,375.0	0.0	0.0	0.0	0.0	3,375.0	0.0	3,375.0
Total	0.0	2,699.0	676.0	3,375.0	0.0	0.0	0.0	0.0	3,375.0	0.0	3,375.0

Los Reales Infrastructure Plan										Project ID: Q383	
Description: Complete the design of Phase I of the 80-acre site improvements which include site work (see Q322), a truck tire wash and scale house (see Q313) and a landfill administration building (see Q381). This site is adjacent to the Los Reales Landfill.										Start Date: 7/07	
Justification: This project is the initial first phase of four in master-planning the undeveloped 80-acre site. Phase II is the Self-Hauler Facility (see Q329). Phases III and IV are not included in the Fiscal Years 2014-2018 five-year plan.										End Date: 6/14	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	156.1	150.0	0.0	150.0	0.0	0.0	0.0	0.0	150.0	0.0	306.1
Environmental Services Fund: COPs	1,509.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,509.9
Total	1,666.0	150.0	0.0	150.0	0.0	0.0	0.0	0.0	150.0	0.0	1,816.0

Los Reales Self-Hauler Facility										Project ID: Q329	
Description:										Start Date: 7/15	
Design and construct a residential self-hauler facility. The design will begin in Fiscal Year 2016, followed by construction in Fiscal Year 2017.										End Date: 6/17	
Justification:										Location: Ward 5	
The self-hauler facility will increase landfill safety and efficiency, reduce litter and dust, and accommodate future recycling programs. This is the second phase of the 80-acre development project.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	0.0	0.0	0.0	0.0	0.0	300.0	4,500.0	0.0	4,800.0	0.0	4,800.0
Total	0.0	0.0	0.0	0.0	0.0	300.0	4,500.0	0.0	4,800.0	0.0	4,800.0

Los Reales Truck Wash and Scale Facility										Project ID: Q313	
Description:										Start Date: 7/13	
A new scale house and truck tire wash will be installed. The scale house will consist of operator booths, manufactured truck scale, and a break room. The pre-manufactured truck tire wash will be installed near the landfill exit. Construction will begin July 2013 and be completed by June 2014.										End Date: 6/14	
Justification:										Location: Ward 5	
The new scale house and truck tire wash will provide site control and operational efficiencies.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	0.0	0.0	845.0	845.0	0.0	0.0	0.0	0.0	845.0	0.0	845.0
Total	0.0	0.0	845.0	845.0	0.0	0.0	0.0	0.0	845.0	0.0	845.0

Tenth Avenue Maintenance Facility

Project ID: Q412
Start Date: 7/13
End Date: 6/16
Location: Ward 6

Description:

Design and construct improvements at the Container Maintenance Facility located at South Tenth Avenue. Improvements include demolition, earthwork, infrastructure, drainage and installation of a new, pre-manufactured building.

Justification:

Safety improvements are necessary to the vacant, former transfer station building. A new facility is needed for the welding, storage and operations of the container maintenance staff.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Environmental Services Fund	0.0	0.0	388.0	388.0	780.0	2,600.0	0.0	0.0	3,768.0	0.0	3,768.0
Total	0.0	0.0	388.0	388.0	780.0	2,600.0	0.0	0.0	3,768.0	0.0	3,768.0

General Services



**Capital Improvement Program
Department Statement**

FY 2014 through FY 2018

Department: General Services

Five-Year Total: \$1,591,500

The General Services Capital Improvement Program (CIP) of \$1.6 million addresses the continued work to modernize city elevators and escalators to reduce future maintenance costs and bring them into compliance with safety codes and Americans with Disabilities Act (ADA) standards.

This work is funded through Capital Improvement Funds (Certificates of Participation).

General Services

(\$000)

Elevator and Escalator Code Compliance										Project ID: B811 Start Date: 7/10 End Date: 6/14 Location: Citywide	
Description: Modernize city elevators and escalators to bring them into compliance with current safety codes and Americans with Disabilities Act (ADA) standards. This project will also focus on improving operation of City elevators and escalators to reduce maintenance costs.											
Justification: Many of the City's elevators and escalators do not meet current elevator safety codes and therefore represent a serious life safety hazard including the possibility of catastrophic failure. In addition, many of these elevators and escalators are not in compliance with ADA regulations.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Certificates of Participation	3,908.5	1,239.0	352.5	1,591.5	0.0	0.0	0.0	0.0	1,591.5	0.0	5,500.0
Total	3,908.5	1,239.0	352.5	1,591.5	0.0	0.0	0.0	0.0	1,591.5	0.0	5,500.0

Housing and Community Development



Capital Improvement Program Department Statement

FY 2014 through FY 2018

Department: Housing and Community Development

Five-Year Total: \$2,326,200

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

- 1) Acquisition, rehabilitation and resale of approximately 15-18 single-family foreclosed homes located citywide. These homes will be rehabilitated in an environmentally-friendly manner. This project will stabilize neighborhoods with high foreclosure rates, increase affordable housing and will benefit low-income families.
- 2) To continue the acquisition of single-family foreclosed homes citywide for rehabilitation, resale and rental. Approximately five foreclosed homes will be acquired increasing affordable housing citywide.
- 3) Community Development Block Grant Public Facilities Neighborhood Enhancements for Parks and/or Transportation to provide and meet the U.S. Department of Housing and Urban Development Consolidated Annual Action Plan.
- 4) Community Development Block Grant allocation to Parks and Recreation Department for three separate improvements for Jacobs Park to create safe and suitable living environments and to expand availability and accessibility.
- 5) Community Development Block Grant allocation to Parks and Recreation Department to provide new lighting at Mirasol Park and to increase safety and expand the availability of the field to users.
- 6) Community Development Block Grant allocation to Parks and Recreation Department for new Americans with Disabilities Act improvements at Reid Park.
- 7) Back to Basics capital projects are presented with carryforward funds only. No new funding has been awarded to the Back to Basics program.

The Housing and Community Development Department's five-year CIP is funded with \$2,108,500 in federal grants and \$217,700 in State Highway User Revenue Funds.

Housing and Community Development

(\$000)

Back to Basics Description: Design and construct basic infrastructure improvements and other enhancements in neighborhoods as directed by the Mayor and Council. The program was ended in Fiscal Year 2010, except for unspent funding from prior years. Only current year projected expenditures are reflected. Justification: This project supports the Mayor and Council Strategic Priorities.										Project ID: A148 Start Date: 7/98 End Date: 6/14 Location: Citywide	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	0.0	40.0	0.0	40.0	0.0	0.0	0.0	0.0	40.0	0.0	87.0
Highway User Revenue Fund	0.0	217.7	0.0	217.7	0.0	0.0	0.0	0.0	217.7	0.0	317.7
Total	0.0	257.7	0.0	257.7	0.0	0.0	0.0	0.0	257.7	0.0	404.7

CDBG Master CIP Description: Community Development Block Grant Public Facilities Neighborhood Enhancements for Parks and/or Transportation. Provide and meet the Consolidated Annual Action Plan's objective of availability and accessibility as submitted to the U.S. Department of Housing and Urban Development. Justification: To enhance neighborhood recreation areas, such as parks and walking paths. To address safety and access issues for streets, such as bus shelters, traffic calming, street lighting and compliance with the Americans with Disabilities Act.										Project ID: H158 Start Date: 7/13 End Date: 6/18 Location: Citywide	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	0.0	0.0	200.0	200.0	200.0	200.0	200.0	200.0	1,000.0	0.0	1,000.0
Total	0.0	0.0	200.0	200.0	200.0	200.0	200.0	200.0	1,000.0	0.0	1,000.0

Jacobs Park Playground: Parks and Recreation

Description:
Community Development Block Grant allocation to City of Tucson Parks and Recreation Department for three separate improvements for Jacobs Park located at 1010 West Lind Street. Improvements include: new playground, new sports lighting, security lighting, and new Tot Turf installation.

Project ID: H145
Start Date: 3/11
End Date: 6/14
Location: Ward 3

Justification:
To create safe and suitable living environments and to expand availability and accessibility.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	555.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	605.0
Total	555.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	605.0

Mirasol Park New Lighting

Description:
Community Development Block Grant allocation to the City of Tucson Parks and Recreation department for the new lighting at Mirasol Park located at 1101 East Silverlake Road.

Project ID: H151
Start Date: 10/11
End Date: 6/14
Location: Ward 5

Justification:
This project will provide new lighting at Mirasol Park to increase user safety and expand the availability of the field to users.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	257.5	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	267.5
Total	257.5	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	267.5

Neighborhood Stabilization: Acquisitions III

Project ID: H147
Start Date: 10/11
End Date: 6/16
Location: Citywide

Description:

Purchase approximately 15 to 18 single-family foreclosed homes for rehabilitation, rental and resale. These homes will be located in high foreclosure areas within the city limits, and the rehabilitations will be as environmentally friendly as possible.

Justification:

This project will increase affordable housing and benefit low income families. By reducing the number of foreclosures, neighborhoods will be stabilized and property values are anticipated to increase.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	285.8	0.0	195.0	195.0	195.0	195.0	0.0	0.0	585.0	0.0	870.8
Total	285.8	0.0	195.0	195.0	195.0	195.0	0.0	0.0	585.0	0.0	870.8

NSP I Program Income

Project ID: H159
Start Date: 7/13
End Date: 6/16
Location: Citywide

Description:

To continue acquiring single-family foreclosed homes citywide for rehabilitation, rental and resale. Approximately five rental single-family foreclosed homes will be acquired, increasing affordable housing citywide.

Justification:

To continue with the stabilization of neighborhoods affected by foreclosures, reducing the number of foreclosures and increasing property values citywide.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	0.0	0.0	175.5	175.5	118.0	118.0	0.0	0.0	411.5	0.0	411.5
Total	0.0	0.0	175.5	175.5	118.0	118.0	0.0	0.0	411.5	0.0	411.5

Reid Park ADA**Description:**

Community Development Block Grant allocation for the City of Tucson Parks and Recreation department for new Americans with Disabilities Act upgrades at Reid Park located at 9002 South Randolph Way.

Justification:

This project will comply with new Americans with Disabilities Act construction improvements.

Project ID: H155
Start Date: 1/12
End Date: 1/14
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Community Development Block Grant	333.6	12.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	0.0	345.6
Total	333.6	12.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	0.0	345.6

Parks and Recreation



Capital Improvement Program Department Statement

FY 2014 through FY 2018

Department: Parks and Recreation

Five-Year Total: \$10,998,800

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

The five-year capital program of \$11.0 million is funded primarily from Pima County bonds, Capital Improvement Funds (certificates of participation), civic contributions, and impact fees. The budget includes \$752,500 in capacity for potential projects funded by civic contributions and miscellaneous non-federal grants.

The impact of this five-year CIP on future operating budgets is estimated to be \$64,700 in Fiscal Year 2014, increasing to \$888,800 by Fiscal Year 2018 for a five-year total of \$2,001,700. See the following page for the impact by project and funding source.

Parks and Recreation: CIP Impact on the Operating Budget

When the following projects in the 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 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Five Year Total
A Mountain Improvement	0.3	1.1	1.1	1.2	1.2	4.9
Arroyo Chico Urban Path: Campbell/Parkway	33.6	22.5	22.9	23.4	23.9	126.3
Atturbury Wash Sanctuary Expansion	26.2	12.1	12.3	12.6	12.9	76.1
Freedom Park Improvements/29th Street Coalition	-0-	6.4	6.4	6.6	6.8	26.2
Northside Recreation Center	-0-	-0-	-0-	871.0	822.9	1,693.9
South Central Community Park, Phase I	-0-	-0-	12.1	12.3	12.6	37.0
Toumey Park	4.6	6.4	6.4	6.6	6.8	30.8
Wakefield/St. John's Skate Facility	-0-	1.6	1.6	1.6	1.7	6.5
Total	64.7	50.1	62.8	935.3	888.8	2,001.7

Source of Funds Summary

General Fund	64.7	50.1	62.8	935.3	888.8	2,001.7
--------------	------	------	------	-------	-------	---------

Parks and Recreation

(\$000)

A Mountain Improvement Description: Develop a master plan, design, and construct Americans with Disabilities Act (ADA) and safety improvements to public facilities in A Mountain Park. This project includes \$47,500 in Back to Basics/Community Development Block Grant and \$56,060 in Highway User Revenue Funds (HURF) funding from Ward 1. Justification: A Mountain Park has regional significance, and this project will benefit and address the community's need for open space, passive recreation, and natural/historic resource preservation and interpretation.										Project ID: R990 Start date: 12/07 End Date: 9/13 Location: Ward 1	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
General Obligation Bonds	71.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.9
General Fund: Restricted	112.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.6
General Fund: Restricted Revenues	82.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.4
Impact Fee Fund	42.1	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	92.1
Total	309.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	359.0

Arcadia Park, Phase I Description: Acquire land, plan, and design the initial phase of a new park. Arcadia Park will link two small existing parks and create a greenway along the Arcadia Wash. This project is part of a multiphase development; construction is contingent upon future funding. Justification: This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.										Project ID: RM01 Start Date: 7/08 End Date: 6/15 Location: Ward 6	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	501.6	249.4	0.0	249.4	41.0	0.0	0.0	0.0	290.4	0.0	792.0
Total	501.6	249.4	0.0	249.4	41.0	0.0	0.0	0.0	290.4	0.0	792.0

Arroyo Chico Urban Path: Campbell/Parkway

Description:
Design and acquire land for a trail system connecting Campbell Avenue and Country Club Road. An intergovernmental agreement with Pima County was approved in April 2007. Construction of the greenway will occur incrementally in segments as funding allows.

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

Project ID: RP1B
Start Date: 7/08
End Date: 9/13
Location: Wards 5 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	1,098.2	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	1,148.2
Impact Fee Funds	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2
Total	1,110.4	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	1,160.4

Arroyo Chico Urban Path: Country Club to Treat

Description:
Design and construct urban greenway improvements along the Arroyo Chico Urban Greenway including a pedestrian/bicyclist activated street crossing. This project is in conjunction with a Transportation project in the amount of \$600,000 funded by the Regional Transportation Authority.

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

Project ID: RP1C
Start Date: 7/14
End Date: 6/15
Location: Wards 5 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	200.0	0.0	200.0
Total	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	200.0	0.0	200.0

Atterbury Wash Sanctuary Expansion

Description:
Plan, design, and construct an expansion of the existing trail system in Lincoln Park and passive recreation amenities along the Atterbury Wash. An intergovernmental agreement with Pima County was approved in March 2007.

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

Project ID: RP02
Start Date: 10/07
End Date: 9/13
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	1,120.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	1,170.0
Total	1,120.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	1,170.0

Ball Field Lighting Upgrade

Description:
Replace and/or upgrade antiquated or de-energized athletic field lights at various parks. Athletic field lighting systems that are beyond their useful life span and have been identified by an electrical safety analysis as nonoperational will be replaced.

Justification:
The Parks and Recreation Department coordinated an athletic field lighting safety testing program. Based on the findings of this program, several lighted ball fields will not be available for evening use until lighting systems have been replaced or upgraded.

Project ID: R108
Start Date: 7/10
End Date: 6/14
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Improvement Fund	1,072.1	27.9	0.0	27.9	0.0	0.0	0.0	0.0	27.9	0.0	1,100.0
Total	1,072.1	27.9	0.0	27.9	0.0	0.0	0.0	0.0	27.9	0.0	1,100.0

Cherry Avenue Center Expansion, Phase I

Description:
 Design improvements based on the center's master plan. Future construction will be funded by \$1.4 million in Community Development Block Grant Recovery fund to be administered through the Housing and Community Development Department.

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

Project ID: RM02
Start Date: 7/07
End Date: 6/14
Location: Ward 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	235.4	10.8	0.0	10.8	0.0	0.0	0.0	0.0	10.8	0.0	246.2
Total	235.4	10.8	0.0	10.8	0.0	0.0	0.0	0.0	10.8	0.0	246.2

Christopher Columbus Park Expansion

Description:
 Design and construct improvements to the north end of Christopher Columbus Park. This project will complement and expand upon a Pima County 2004 Bond project.

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

Project ID: RM03
Start Date: 3/07
End Date: 6/14
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Civic Contributions Fund	142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142.0
Impact Fee Funds	560.3	103.0	19.8	122.8	0.0	0.0	0.0	0.0	122.8	0.0	683.1
Total	702.3	103.0	19.8	122.8	0.0	0.0	0.0	0.0	122.8	0.0	825.1

Freedom Park Improvements/29th Street Coalition										Project ID: RP22	
Description: Freedom Park is an existing park where the coalition of neighborhoods have identified a need for a lighted, paved walking path, exercise stations, shaded benches, and shade for the playground. Accessibility to individual ball fields will be provided as budget allows.										Start Date: 7/12	
Justification: This project will mainly serve residents from at least five surrounding neighborhoods as well as the children from four nearby schools.										End Date: 6/14	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	36.8	463.2	0.0	463.2	0.0	0.0	0.0	0.0	463.2	0.0	500.0
Total	36.8	463.2	0.0	463.2	0.0	0.0	0.0	0.0	463.2	0.0	500.0

Menlo Park Elementary Soccer Improvements										Project ID: R102	
Description: Design and construct one lighted soccer field and associated improvements to the existing irrigation system, fencing, and parking lot. An intergovernmental agreement with Pima County was approved in September 2008.										Start Date: 7/09	
Justification: Currently, there is a shortage of playing fields in Tucson. This project is intended to address the need for sports fields on the west side of Tucson.										End Date: 7/13	
										Location: Ward 1	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	818.8	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	828.8
Total	818.8	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	828.8

Northside Recreation Center

Description:
Plan, design, and construct a recreation center to serve residents living in northwest Tucson. The design of the center will incorporate facilities and standards developed in the City of Tucson Parks and Recreation Strategic Service Plan.

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

Project ID: RP06
Start Date: 9/06
End Date: 6/16
Location: Ward 3

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	73.1	0.0	200.0	200.0	2,600.0	2,489.4	0.0	0.0	5,289.4	0.0	5,362.5
Total	73.1	0.0	200.0	200.0	2,600.0	2,489.4	0.0	0.0	5,289.4	0.0	5,362.5

Parks Strategic Plan

Description:
Update the City of Tucson Parks and Recreation Department's 10-Year Strategic Plan including developing and utilizing geographic information systems (GIS) to support the plan update.

Justification:
This project is needed to revise and update the Parks and Recreation Department's Strategic Plan in accordance with accreditation requirements.

Project ID: R111
Start Date: 7/12
End Date: 6/15
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	10.0	240.0	33.7	273.7	148.1	0.0	0.0	0.0	421.8	0.0	431.8
Total	10.0	240.0	33.7	273.7	148.1	0.0	0.0	0.0	421.8	0.0	431.8

<p>Purple Heart Park Expansion</p> <p>Description: Design and begin construction of a little league baseball field and lighting, parking, off-leash area, and picnic amenities per the park's master plan. Completion of construction is dependent upon future impact fee allocations.</p> <p>Justification: This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.</p>	<p>Project ID: RM08 Start Date: 7/07 End Date: 6/14 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
General Obligation Bonds	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
General Fund	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0
Impact Fee Funds	1,022.0	0.0	226.9	226.9	0.0	0.0	0.0	0.0	226.9	0.0	1,248.9
Total	1,197.0	0.0	226.9	226.9	0.0	0.0	0.0	0.0	226.9	0.0	1,423.9

<p>Quincie Douglas and Silverlake Park Expansion</p> <p>Description: Design and construct a small ramada within Silverlake Park.</p> <p>Justification: To expand capacity with the park's system that provides residents with amenities per the Silverlake Park Master Plan.</p>	<p>Project ID: RM15 Start Date: 7/13 End Date: 6/14 Location: Ward 5</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
Total	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0

Reid Park Expansion, Phase I

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

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

Project ID: RM09
Start Date: 7/07
End Date: 6/15
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
General Obligation Bond Funds	59.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.2
Impact Fee Funds	392.5	211.9	200.0	411.9	273.5	0.0	0.0	0.0	685.4	0.0	1,077.9
Total	451.7	211.9	200.0	411.9	273.5	0.0	0.0	0.0	685.4	0.0	1,137.1

Shade Structure Projects

Description:
Design and construct new shade structures within the City of Tucson parks system. Funding is contingent upon funding from the Tucson Parks Foundation and the Tohono O'odam Nation Proposition 202 Grant Program; budget included for capacity purpose should funding become available.

Justification:
This project is needed to construct new and/or replace aged shade structures within the parks system.

Project ID: R112
Start Date: 7/12
End Date: 6/18
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Civic Contributions Fund	50.0	50.0	0.0	50.0	50.0	50.0	50.0	50.0	250.0	0.0	300.0
Miscellaneous Non-Federal Grants	50.0	0.0	50.0	50.0	50.0	50.0	50.0	50.0	250.0	0.0	300.0
Total	100.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	500.0	0.0	600.0

South Central Community Park, Phase I

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

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

Project ID: RM11
Start Date: 7/07
End Date: 6/15
Location: Wards 4 and 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	26.0	99.3	0.0	99.3	520.2	0.0	0.0	0.0	619.5	0.0	645.5
Total	26.0	99.3	0.0	99.3	520.2	0.0	0.0	0.0	619.5	0.0	645.5

Toumey Park

Description:
Design and construct a perimeter walking path, a new swing set and irrigation improvements that include a booster pump.

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

Project ID: R104
Start Date: 7/10
End Date: 9/13
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	195.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	200.0
Total	195.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	200.0

Valencia and Alvernon Community Park, Phase I										Project ID: RM12	
Description: Plan and design the initial phase of a new community park in the vicinity of Valencia and Alvernon. Construction of this project is a proposed partnership between the Pima County Flood Control District and the City of Tucson.										Start Date: 7/07	
Justification: This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.										End Date: 6/15	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	82.4	0.0	0.0	0.0	453.3	0.0	0.0	0.0	453.3	0.0	535.7
Total	82.4	0.0	0.0	0.0	453.3	0.0	0.0	0.0	453.3	0.0	535.7

Valencia Corridor Land Acquisition, Phase I										Project ID: RM13	
Description: Acquire land identified in the Valencia Corridor Parks and Recreation Facilities Plan. This project is part of a multi-phase development. Future acquisitions are contingent upon future revenues.										Start Date: 7/07	
Justification: This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.										End Date: 6/15	
										Location: Wards 4 and 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	2.1	0.0	0.0	0.0	969.9	0.0	0.0	0.0	969.9	0.0	972.0
Total	2.1	0.0	0.0	0.0	969.9	0.0	0.0	0.0	969.9	0.0	972.0

Wakefield/St. John's Skate Facility										Project ID: R105	
Description: Design and construct a small modular skate facility as well as completion of approved athletic field improvements.										Start Date: 7/11	
Justification: This project will increase capacity in our parks and recreation system and will allow for increased usage of the park by the surrounding neighborhood.										End Date: 6/14	
										Location: Ward 1	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	300.0	200.0	0.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	500.0
Civic Contributions Fund	0.0	49.6	0.0	49.6	0.0	0.0	0.0	0.0	49.6	0.0	49.6
Total	300.0	249.6	0.0	249.6	0.0	0.0	0.0	0.0	249.6	0.0	549.6

WWII Memorial Project										Project ID: R113	
Description: Public art to commemorate local World War II veterans to be sited in Armory Park. Dedication scheduled for Veteran's Day 2013.										Start Date: 9/12	
Justification: Install World War II Memorial public art.										End Date: 11/13	
										Location: Ward 6	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Civic Contributions Fund	29.0	202.9	0.0	202.9	0.0	0.0	0.0	0.0	202.9	0.0	231.9
Total	29.0	202.9	0.0	202.9	0.0	0.0	0.0	0.0	202.9	0.0	231.9

Transportation



Capital Improvement Program Department Statement

FY 2014 through FY 2018

Department: Transportation

Five-Year Total: \$444,552,700

Transportation's Capital Improvement Program (CIP) of \$444.6 million funds improvements for a multi-modal transportation system and infrastructure designed to attract industry and protect neighborhoods. The program is divided into four areas: Public Transit, Street Lighting, Streets, and Traffic Signals.

Public Transit. The Public Transit Program of \$106.6 million replaces and upgrades Sun Tran and Sun Van fleet vehicles and constructs facilities to support transit operations, including Park-and-Ride facilities, Americans with Disabilities Act (ADA) access improvements, security improvements, and the Regional Seamless Fare system. The CIP includes federal funding of \$96.8 million, which are intended to fund replacement and expansion buses and vans, upgrades to the CNG facility and for completion of the modern streetcar. The five-year CIP also includes \$163.7 million in Regional Transportation Authority (RTA) funding, the majority of which is dedicated to the modern streetcar.

Street Lighting. The Street Lighting Program of \$0.2 million includes street lighting improvements for the Alvernon Heights Pima County Neighborhood Reinvestment project. The project is funded with Pima County bonds.

Streets. The Streets Program of \$333.2 million will upgrade the arterial, collector, and residential transportation network, including streets, sidewalks, and bikeways, with the primary goal of maintaining an arterial street system that permits a safe and an unimpeded flow of traffic. The program is funded primarily with RTA funds and general obligation street bonds. Other funding sources include capital agreement funds, federal highway grants, impact fees, Pima County bonds, and Highway User Revenue Fund (HURF) revenues.

Traffic Signals. The Traffic Signals Program of \$4.6 million constructs traffic signals, improvements to the Intelligent Transportation System, pedestrian crossing improvements, signal upgrades, and the Regional Transportation Data Network. Projects are primarily funded with federal grants and RTA funds.

The impact of this five-year CIP on future operating budgets (O&M) is estimated to be \$45.1 million over the five year period, with the majority of costs attributed to the Mass Transit Fund. Accordingly, Federal Transit Administration grants are expected to provide the majority of funding. RTA and state-shared HURF revenues are also expected to fund non-transit related O&M costs.

Transportation: CIP Impact on the Operating Budget

When the following projects in the 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 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Five Year Total
22nd Street: I-10 to Tucson Boulevard	-0-	-0-	10.0	10.0	10.0	30.0
Alvernon Heights Pima County Neighborhood Reinvestment	-0-	1.0	-0-	1.0	-0-	2.0
Barraza-Aviation Downtown Links, Phase I	-0-	-0-	10.0	10.0	10.0	30.0
Camino Seco: Speedway to Wrightstown	2.0	2.0	2.0	2.0	2.0	10.0
Campbell Avenue Revitalization	-0-	-0-	5.0	5.0	5.0	15.0
CNG Fueling System	-0-	-0-	-0-	-0-	20.0	20.0
Columbus Corridor Pedestrian Path	-0-	-0-	0.5	0.5	0.5	1.5
Communication System Improvements	60.0	60.0	60.0	60.0	60.0	300.0
Copper Street Bike Boulevard	-0-	-0-	-0-	0.5	-0-	0.5
Expansion Buses - Future	-0-	-0-	-0-	1,840.5	26,490.1	28,330.6
Expansion Vans - Future	18.3	158.2	249.5	261.3	274.4	961.7
Fifth Street Bike Boulevard	-0-	-0-	-0-	0.5	-0-	0.5
Five Points Transportation Enhancement	-0-	-0-	-0-	5.0	5.0	10.0
Gila Panther Tracks Safe Routes to School	-0-	-0-	-0-	0.5	0.5	1.0
Glenn Street Transportation Enhancement	-0-	-0-	1.0	1.0	1.0	3.0
Grant: Oracle to Stone	-0-	10.0	10.0	10.0	10.0	40.0
Houghton Road: Broadway Intersection Improvements	-0-	-0-	5.0	5.0	5.0	15.0
Houghton Road: Irvington to Valencia	-0-	-0-	20.0	20.0	20.0	60.0
Kolb Road Connection to Sabino Canyon	2.0	2.0	2.0	2.0	2.0	10.0
Kolb/University of Arizona Science and Tech Park Signal	-0-	1.0	1.0	1.0	1.0	4.0
La Paloma Academy Pedestrian Traffic Signal	-0-	1.0	1.0	1.0	1.0	4.0
Liberty Avenue Bicycle Boulevard	-0-	-0-	-0-	0.5	0.5	1.0
Modern Street System	2,900.0	2,900.0	2,900.0	2,900.0	2,900.0	14,500.0
Park and Ride Lot - Houghton	30.0	30.0	30.0	30.0	30.0	150.0
Park Avenue Transportation Enhancement	-0-	-0-	0.5	0.5	0.5	1.5
Pima Street Pedestrian Pathway Enhancements	-0-	-0-	1.0	1.0	1.0	3.0
Regional Transportation Authority Hawks	-0-	-0-	4.0	4.0	4.0	12.0
Regional Transportation Data Network	100.0	100.0	100.0	100.0	100.0	500.0
Rio Vista Safe Routes to School	-0-	-0-	-0-	0.5	0.5	1.0
Rita Road Enhancements	-0-	1.0	1.0	1.0	1.0	4.0
Robison Safe Routes to School	-0-	-0-	-0-	0.5	0.5	1.0

(\$000)

Project Name	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Five Year Total
Speedway and Sixth Avenue Signal Upgrades	-0-	1.0	1.0	1.0	1.0	4.0
Speedway: Camino Seco to Houghton	7.5	7.5	7.5	7.5	7.5	37.5
Stone Ave: Drachman and Speedway Improvements	-0-	-0-	5.0	5.0	5.0	15.0
Third Street and University Bicycle Boulevard	-0-	0.5	-0-	0.5	-0-	1.0
Treat Avenue Bike Boulevard	-0-	-0-	-0-	0.5	-0-	0.5
Tucson Boulevard Multi-use Path	-0-	0.5	0.5	0.5	10.0	11.5
Total	3,119.8	3,275.7	3,427.5	5,289.8	29,979.0	45,091.8

Source of Funds Summary

Highway User Revenue Fund	171.5	187.5	248.0	258.0	264.5	1,129.5
Mass Transit Fund	18.3	158.2	249.5	2,101.8	26,784.5	29,312.3
Regional Transportation Authority Fund	2,930.0	2,930.0	2,930.0	2,930.0	2,930.0	14,650.0
Total	3,119.8	3,275.7	3,427.5	5,289.8	29,979.0	45,091.8

Transportation

(\$000)

<p>22nd Street: I-10 to Tucson Boulevard</p> <p>Description: Design and construct improvements along this segment of the 22nd Street corridor. The selection of an alignment will be approved by the Mayor and Council. Improvements will include widening 22nd Street to a six-lane, divided roadway with full urban amenities.</p> <p>Justification: This project was approved by Mayor and Council on December 5, 2006 for Regional Transportation Authority (RTA) funding and will enhance the carrying capacity of the corridor.</p>	<p>Project ID: SR5A Start Date: 7/07 End Date: 6/21 Location: Wards 1 and 5</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	0.0	0.0	0.0	0.0	9,000.0	0.0	9,000.0	0.0	9,000.0
Federal Grant Funds	0.0	0.0	0.0	0.0	0.0	1,000.0	0.0	0.0	1,000.0	0.0	1,000.0
Highway User Revenue Fund	21.4	0.0	5.0	5.0	5.0	5.0	5.0	5.0	25.0	0.0	46.4
Impact Fee Funds	686.5	0.0	300.0	300.0	0.0	0.0	300.0	0.0	600.0	1,713.5	3,000.0
Regional Transportation Authority Fund	18,154.1	6,120.9	10,505.0	16,625.9	2,000.0	3,000.0	2,000.0	0.0	23,625.9	63,172.8	104,952.8
Total	18,862.0	6,120.9	10,810.0	16,930.9	2,005.0	4,005.0	11,305.0	5.0	34,250.9	64,886.3	117,999.2

<p>4th/Congress/Toole Bike Pedestrian Improvements</p> <p>Description: Enhance the roadway elements within the 4th Avenue/Congress/Toole area to improve pedestrian and bicycle safety and motorist wayfinding.</p> <p>Justification: Federal safety funds have been allocated through the Pima Association of Governments (PAG) Transportation Improvement Program (TIP) process.</p>	<p>Project ID: S211 Start Date: 7/12 End Date: 6/15 Location: Ward 6</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	0.0	0.0	45.0	45.0	300.0	0.0	0.0	0.0	345.0	0.0	345.0
Highway User Revenue Fund	0.0	0.0	3.0	3.0	18.0	0.0	0.0	0.0	21.0	0.0	21.0
Total	0.0	0.0	48.0	48.0	318.0	0.0	0.0	0.0	366.0	0.0	366.0

ADA Transit Enhancement

Description:
This capital project, along with other Americans with Disabilities Act (ADA) projects, is part of an overall program to design and construct pedestrian access improvements.

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

Project ID: M013C
Start Date: 7/12
End Date: 6/15
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	156.0	110.0	266.0	142.6	0.0	0.0	0.0	408.6	0.0	408.6
Regional Transportation Authority Fund	0.0	0.0	28.0	28.0	13.4	0.0	0.0	0.0	41.4	0.0	41.4
Total	0.0	156.0	138.0	294.0	156.0	0.0	0.0	0.0	450.0	0.0	450.0

ADA Transition Plan

Description:
Develop a plan that categorizes all City right-of-ways and prioritizes needed ADA improvements.

Justification:
This plan is required by Federal law.

Project ID: S112
Start Date: 7/12
End Date: 6/16
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	25.0	25.0	50.0	75.0	50.0	50.0	0.0	0.0	175.0	0.0	200.0
Highway User Revenue Fund	1.5	1.5	3.0	4.5	3.0	3.0	0.0	0.0	10.5	0.0	12.0
Total	26.5	26.5	53.0	79.5	53.0	53.0	0.0	0.0	185.5	0.0	212.0

Administration Building Upgrades

Description:
 Building upgrades and repairs at Sun Tran's South Park Avenue Maintenance and Administration facility and at Sun Van's Maintenance and Administration facility. This will include updating restrooms to bring them into ADA compliance, repair and reseal parking lots to prevent further deterioration and extend the pavement's life, and the replacement of two pressure washers used for cleaning engine components.

Justification:
 Transit capital assets require continuous upgrades and improvements to prolong asset life.

Project ID: M135
Start Date: 7/13
End Date: 6/14
Location: Ward 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	0.0	517.5	517.5	0.0	0.0	0.0	0.0	517.5	0.0	517.5
Total	0.0	0.0	517.5	517.5	0.0	0.0	0.0	0.0	517.5	0.0	517.5

Alvernon Heights Pima County Neighborhood Reinvestment

Description:
 Install street lighting along various streets within the Alvernon Heights neighborhood.

Justification:
 Pima County Highway Bonds have been allocated for these improvements.

Project ID: S07D
Start Date: 7/13
End Date: 6/15
Location: Ward 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	65.0	65.0	135.6	0.0	0.0	0.0	200.6	0.0	200.6
Highway User Revenue Fund	0.0	0.0	5.0	5.0	5.0	0.0	0.0	0.0	10.0	0.0	10.0
Total	0.0	0.0	70.0	70.0	140.6	0.0	0.0	0.0	210.6	0.0	210.6

Arroyo Chico Greenway

Description:
Construct the portion of the Arroyo Chico Greenway between Reid Park and Robison Elementary School.

Justification:
This project was approved for RTA funds in December 2012.

Project ID: SP09
Start Date: 7/13
End Date: 6/15
Location: Wards 5 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	0.0	0.0	300.0	300.0	300.0	0.0	0.0	0.0	600.0	0.0	600.0
Total	0.0	0.0	300.0	300.0	300.0	0.0	0.0	0.0	600.0	0.0	600.0

Barraza-Aviation Downtown Links, Phase I

Description:
Design and construct a four-lane roadway from 6th to Broadway Boulevard east of the railroad tracks. The local match requirement for RTA funding has been satisfied by expenditures on other segments of the Barraza-Aviation Parkway.

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

Project ID: S30N
Start Date: 7/06
End Date: 6/21
Location: Wards 1 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	1,357.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,357.5
General Fund	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7
General Fund: Restricted Revenues	174.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174.5
Highway User Revenue Fund	290.6	0.0	5.0	5.0	5.0	5.0	5.0	5.0	25.0	0.0	315.6
Regional Transportation Authority Fund	22,273.9	3,140.0	2,555.0	5,695.0	2,000.0	0.0	0.0	0.0	7,695.0	46,166.0	76,134.9
Total	24,143.2	3,140.0	2,560.0	5,700.0	2,005.0	5.0	5.0	5.0	7,720.0	46,166.0	78,029.2

Broadway: Camino Seco to Houghton

Description:
Widen Broadway to a four-lane, divided roadway with bike lanes and sidewalks.

Justification:
This project was approved as part of the May 2006 RTA Plan and will improve the traffic carrying capacity for Broadway Boulevard.

Project ID: SR10
Start Date: 7/14
End Date: 6/18
Location: Ward 2

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	20.0	0.0	20.0
Regional Transportation Authority Fund	0.0	0.0	0.0	0.0	317.0	317.0	3,100.0	2,837.0	6,571.0	0.0	6,571.0
Impact Fee Funds	0.0	0.0	0.0	0.0	0.0	0.0	1,500.0	1,500.0	3,000.0	0.0	3,000.0
Total	0.0	0.0	0.0	0.0	322.0	322.0	4,605.0	4,342.0	9,591.0	0.0	9,591.0

Broadway: Euclid to Country Club

Description:
Design and construct a corridor project that will widen Broadway to six lanes, plus bus lanes.

Justification:
This project was approved by Mayor and Council on January 23, 2007 for RTA funding, and will enhance the carrying capacity of the corridor.

Project ID: SR3A
Start Date: 1/07
End Date: 6/18
Location: Wards 5 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	0.0	0.0	0.0	12,000.0	13,000.0	0.0	25,000.0	0.0	25,000.0
Highway User Revenue Fund	15.6	0.0	5.0	5.0	5.0	5.0	5.0	5.0	25.0	0.0	40.6
Highway User Revenue Fund: In-Lieu Fees	44.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.2
Impact Fee Funds	1.6	0.0	0.0	0.0	0.0	1,500.0	1,500.0	0.0	3,000.0	0.0	3,001.6
Regional Transportation Authority Fund	4,164.6	500.0	5,798.0	6,298.0	10,000.0	9,000.0	7,500.0	5,163.0	37,961.0	0.0	42,125.6
Total	4,226.0	500.0	5,803.0	6,303.0	10,005.0	22,505.0	22,005.0	5,168.0	65,986.0	0.0	70,212.0

Camino Seco: Speedway to Wrightstown

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

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

Project ID: SM04
Start Date: 7/07
End Date: 6/14
Location: Ward 2

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Impact Fee Funds	138.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.3
Regional Transportation Authority Fund	759.5	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	769.5
Total	898.2	10.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	908.2

Campbell Avenue Revitalization

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

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

Project ID: S237
Start Date: 7/06
End Date: 6/14
Location: Ward 3

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	285.6	0.0	618.0	618.0	0.0	0.0	0.0	0.0	618.0	0.0	903.6
Highway User Revenue Fund	56.2	0.0	36.0	36.0	0.0	0.0	0.0	0.0	36.0	0.0	92.2
Regional Transportation Authority Fund	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
Total	344.5	0.0	654.0	654.0	0.0	0.0	0.0	0.0	654.0	0.0	998.5

<p>CNG Fueling System</p> <p>Description: To design and construct a Compressed Natural Gas (CNG) fueling facility at Sun Tran's northwest maintenance facility.</p> <p>Justification: To maximize operational flexibility and meet an eight hour window for fueling CNG buses due to the number of CNG fleet that will be replaced in Fiscal Year 2018 and to increase the number of CNG fleet as additional replacement and expansion buses are acquired.</p>	<p>Project ID: M931 Start Date: 7/15 End Date: 6/17 Location: Ward 3</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	0.0	0.0	0.0	0.0	500.0	4,500.0	0.0	5,000.0	0.0	5,000.0
Total	0.0	0.0	0.0	0.0	0.0	500.0	4,500.0	0.0	5,000.0	0.0	5,000.0

<p>CNG Fueling Upgrade</p> <p>Description: This project will upgrade the existing CNG Plant to serve the Sun Tran Bus Fleet by replacing compressors, dispensers, and adding emergency back-up generators.</p> <p>Justification: An analysis of fuel types determined CNG-fueled buses and refuse trucks will cost less to operate over the life cycle compared to non-CNG fleet and will provide the reliability and stability needed to protect the integrity of public service.</p>	<p>Project ID: M896 Start Date: 7/13 End Date: 6/14 Location: Ward 5</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	0.0	2,400.0	2,400.0	0.0	0.0	0.0	0.0	2,400.0	0.0	2,400.0
Total	0.0	0.0	2,400.0	2,400.0	0.0	0.0	0.0	0.0	2,400.0	0.0	2,400.0

Columbus Corridor Pedestrian Path

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

Justification:
A federal Transportation Enhancement grant was awarded for this project that will improve pedestrian safety. Funds from the RTA are being used for the local match and for expenditures not covered by the grant.

Project ID: S189
Start Date: 7/09
End Date: 6/15
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	25.0	0.0	40.0	40.0	125.0	0.0	0.0	0.0	165.0	0.0	190.0
Highway User Revenue Fund	7.9	0.0	2.4	2.4	7.6	0.0	0.0	0.0	10.0	0.0	17.9
Regional Transportation Authority Fund	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3
Total	60.2	0.0	42.4	42.4	132.6	0.0	0.0	0.0	175.0	0.0	235.2

Communication System Improvements

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

Justification:
These improvements include several projects in the Transportation Improvement Program (TIP) for the development of a regionally-owned communications system. Traffic cameras will allow for the quick assessment of traffic conditions and accidents, supporting the Tucson Police Department.

Project ID: S770
Start Date: 7/06
End Date: 6/15
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	0.0	0.0	500.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	500.0
Regional Transportation Authority Fund	133.0	0.0	66.0	66.0	66.0	0.0	0.0	0.0	132.0	0.0	265.0
Total	133.0	0.0	566.0	566.0	66.0	0.0	0.0	0.0	632.0	0.0	765.0

Copper Street Bike Boulevard

Description:
Construct Bike Boulevard improvements along the Copper Street alignment, paralleling the Grant Road Corridor. This will provide a low-stress bicycling alternative to Grant Road.

Justification:
This project was approved for RTA funds in December 2012.

Project ID: SP10
Start Date: 7/13
End Date: 6/15
Location: Ward 3

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	0.0	0.0	400.0	400.0	100.0	0.0	0.0	0.0	500.0	0.0	500.0
Total	0.0	0.0	400.0	400.0	100.0	0.0	0.0	0.0	500.0	0.0	500.0

El Paso and Southwestern Greenway

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

Justification:
This project is intended to promote the use of alternative modes of transportation.

Project ID: SP01
Start Date: 7/08
End Date: 6/16
Location: Ward 1 and 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	0.0	0.0	0.0	0.0	458.0	0.0	0.0	0.0	458.0	0.0	458.0
Highway User Revenue Fund	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Regional Transportation Authority Fund	1,558.9	0.0	50.0	50.0	400.0	200.0	0.0	0.0	650.0	0.0	2,208.9
Total	1,559.6	0.0	50.0	50.0	858.0	200.0	0.0	0.0	1,108.0	0.0	2,667.6

Expansion Buses for Sun Tran

Description:
Expansion buses are added to Sun Tran fleet for the planned service expansion as part of the 20-year RTA plan. It takes 12 to 24 months to build heavy duty transit buses. Budget capacity will be encumbered in year buses are ordered, but will carry-forward to the following fiscal year when buses are received and paid for.

Justification:
To provide additional fixed route service to accommodate workers, students, and families who depend on transit for daily commutes.

Project ID: M019C
Start Date: 7/15
End Date: 6/16
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	0.0	0.0	0.0	0.0	2,000.0	0.0	0.0	2,000.0	0.0	2,000.0
Regional Transportation Authority Fund	0.0	0.0	0.0	0.0	0.0	8,625.0	0.0	0.0	8,625.0	0.0	8,625.0
Total	0.0	0.0	0.0	0.0	0.0	10,625.0	0.0	0.0	10,625.0	0.0	10,625.0

Expansion Vans for Sun Van

Description:
Additional vans are needed to meet increased paratransit demand. Funds for this project will combine future grants from the FTA and the approved funds from the RTA plan.

Justification:
Expansion vans are added to paratransit fleet to meet the current and expected future service levels.

Project ID: M014C
Start Date: 7/12
End Date: 6/16
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	154.0	0.0	404.6	404.6	157.7	157.7	0.0	0.0	720.0	0.0	874.0
Regional Transportation Authority Fund	32.0	0.0	32.3	32.3	32.3	32.3	0.0	0.0	96.9	0.0	128.9
Total	186.0	0.0	436.9	436.9	190.0	190.0	0.0	0.0	816.9	0.0	1,002.9

<p>Fifth Street Bike Boulevard</p> <p>Description: Construct Bike Boulevard improvements along the Fifth Street alignment between Stone Avenue and Highland Avenue, paralleling the Sun Link Streetcar Corridor. This will provide a low-stress bicycling alternative to the Streetcar route.</p> <p>Justification: This project was approved for RTA funding in December 2012.</p>	<p>Project ID: SP11 Start Date: 7/13 End Date: 6/15 Location: Ward 6</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	0.0	0.0	150.0	150.0	225.0	0.0	0.0	0.0	375.0	0.0	375.0
Total	0.0	0.0	150.0	150.0	225.0	0.0	0.0	0.0	375.0	0.0	375.0

<p>First Avenue: River to Grant</p> <p>Description: Widen First Avenue to a six-lane, divided roadway with bike lanes and sidewalks.</p> <p>Justification: This project was approved as part of the May 2006 RTA Plan and will improve the traffic carrying capacity for First Avenue.</p>	<p>Project ID: SR11 Start Date: 7/15 End Date: 6/21 Location: Ward 3</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	15.0	0.0	15.0
Impact Fee Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,000.0	3,000.0
Regional Transportation Authority Fund	0.0	0.0	0.0	0.0	0.0	981.0	981.0	981.0	2,943.0	68,995.0	71,938.0
Total	0.0	0.0	0.0	0.0	0.0	986.0	986.0	986.0	2,958.0	71,995.0	74,953.0

Five Points Transportation Enhancement

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

Justification:
A Federal Transportation Enhancement grant was awarded for this project which will improve access to alternate modes of transportation.

Project ID: S196
Start Date: 7/08
End Date: 6/14
Location: Wards 5 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	40.0	10.0	450.0	460.0	0.0	0.0	0.0	0.0	460.0	0.0	500.0
Federal Grant Funds	0.0	119.0	775.0	894.0	0.0	0.0	0.0	0.0	894.0	0.0	894.0
Highway User Revenue Fund	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
Regional Transportation Authority Fund	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Total	43.6	129.0	1,225.0	1,354.0	0.0	0.0	0.0	0.0	1,354.0	0.0	1,397.6

Gila Panther Tracks Safe Routes to School

Description:
Design and construct pedestrian improvements around Henry Elementary School including sidewalk improvements.

Justification:
A federal Safe-Routes-to-School Grant has been received to fund these improvements, which will enhance pedestrian safety.

Project ID: SP07
Start Date: 7/12
End Date: 6/15
Location: Ward 2

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	10.0	10.0	0.0	10.0	300.0	0.0	0.0	0.0	310.0	0.0	320.0
Total	10.0	10.0	0.0	10.0	300.0	0.0	0.0	0.0	310.0	0.0	320.0

Glenn Street Transportation Enhancement										Project ID: S01H	
Description: Design and construct pedestrian improvements along Glenn Street between Palo Verde Boulevard and Alvernon Way.										Start Date: 7/10	
Justification: A federal Transportation Enhancement Grant was received to provide a major portion of the funding for these improvements. RTA funding is being used as a local match and for expenditures not covered by the grant.										End Date: 6/15	
										Location: Ward 3	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	0.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0	500.0	0.0	500.0
Highway User Revenue Fund	15.0	0.0	0.0	0.0	28.5	0.0	0.0	0.0	28.5	0.0	43.5
Regional Transportation Authority Fund	57.4	55.0	20.0	75.0	0.0	0.0	0.0	0.0	75.0	0.0	132.4
Total	72.4	55.0	20.0	75.0	528.5	0.0	0.0	0.0	603.5	0.0	675.9

Grant: Oracle to Swan										Project ID: SR2A	
Description: Design and construct improvements along Grant Road from Oracle to Swan Road. Improvements will include widening Grant Road to a six-lane divided cross section with full urban amenities and will include an alignment approved by the Mayor and Council.										Start Date: 1/07	
Justification: This project was approved by Mayor and Council on January 23, 2007 for RTA funding; it will improve the corridor's traffic-carrying capacity.										End Date: 6/21	
										Location: Wards 2, 3, and 6	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	0.0	0.0	5,000.0	0.0	0.0	0.0	5,000.0	0.0	5,000.0
Highway User Revenue Fund	21.9	0.0	5.0	5.0	5.0	5.0	5.0	5.0	25.0	0.0	46.9
Highway User Revenue Fund: In-Lieu Fees	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Impact Fee Funds	1,194.2	0.0	0.0	0.0	1,141.0	0.0	1,200.0	0.0	2,341.0	2,464.8	6,000.0
Regional Transportation Authority Fund	21,344.8	1,000.0	1,275.0	2,275.0	300.0	1,000.0	0.0	0.0	3,575.0	135,930.2	160,850.0
Total	22,561.0	1,000.0	1,280.0	2,280.0	6,446.0	1,005.0	1,205.0	5.0	10,941.0	138,395.0	171,897.0

Houghton Road: Bridge Replacement

Description:
Design and construct the replacement of a widened Houghton Bridge over the Union Pacific Railroad tracks.

Justification:
This project will increase the traffic carrying capacity of the bridge and reduce roadway congestion, which will improve motorist safety on this stretch of Houghton Road.

Project ID: SR1D
Start Date: 7/09
End Date: 6/16
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	0.0	0.0	3,380.0	3,405.0	0.0	0.0	6,785.0	0.0	6,785.0
Federal Grant Funds	650.0	1,000.0	0.0	1,000.0	2,000.0	2,500.0	0.0	0.0	5,500.0	0.0	6,150.0
Highway User Revenue Fund	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Regional Transportation Authority Fund	122.1	16.0	20.0	36.0	0.0	0.0	0.0	0.0	36.0	0.0	158.1
Total	772.9	1,016.0	20.0	1,036.0	5,380.0	5,905.0	0.0	0.0	12,321.0	0.0	13,093.9

Houghton Road: Broadway Intersection Improvements

Description:
Design and construct capacity improvements at the Broadway/Houghton intersection in accordance with the RTA plan.

Justification:
Funding has been identified through the RTA.

Project ID: SR1F
Start Date: 7/12
End Date: 6/16
Location: Ward 2

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	0.2	0.0	5.0	5.0	5.0	5.0	0.0	0.0	15.0	0.0	15.2
Impact Fee Funds	0.0	400.0	858.7	1,258.7	0.0	0.0	0.0	0.0	1,258.7	0.0	1,258.7
Regional Transportation Authority Fund	332.4	1,250.0	5,814.0	7,064.0	0.0	0.0	0.0	0.0	7,064.0	0.0	7,396.4
Total	332.6	1,650.0	6,677.7	8,327.7	5.0	5.0	0.0	0.0	8,337.7	0.0	8,670.4

Houghton Road: Irvington to Valencia

Description:
Widen Houghton Road to a six-lane, divided arterial in accordance with the RTA plan.

Justification:
Funding has been identified through the RTA.

Project ID: SR1E
Start Date: 7/12
End Date: 6/14
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	2,500.0	735.0	4,265.0	5,000.0	0.0	0.0	0.0	0.0	5,000.0	0.0	7,500.0
General Fund: Restricted Revenues	49.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.3
Highway User Revenue Fund	1,329.2	897.4	0.0	897.4	0.0	0.0	0.0	0.0	897.4	0.0	2,226.6
Highway User Revenue Fund: In-Lieu Fees	907.3	613.4	0.0	613.4	0.0	0.0	0.0	0.0	613.4	0.0	1,520.7
Impact Fee Funds	833.2	562.4	0.0	562.4	0.0	0.0	0.0	0.0	562.4	0.0	1,395.6
Regional Transportation Authority Fund	4,750.1	1,794.1	2,907.6	4,701.7	0.0	0.0	0.0	0.0	4,701.7	0.0	9,451.8
Total	10,369.1	4,602.3	7,172.6	11,774.9	0.0	0.0	0.0	0.0	11,774.9	0.0	22,144.0

Houghton Road: Union Pacific Railroad to I-10

Description:
Widen Houghton Road to a six-lane, divided arterial in accordance with the RTA plan.

Justification:
Funding has been identified through the RTA.

Project ID: SR1G
Start Date: 7/11
End Date: 6/16
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	0.0	0.0	0.0	1,250.0	0.0	0.0	1,250.0	0.0	1,250.0
Federal Grant Funds	185.9	500.0	0.0	500.0	0.0	4,000.0	0.0	0.0	4,500.0	0.0	4,685.9
Regional Transportation Authority Fund	264.3	125.0	0.0	125.0	1,312.0	1,312.0	0.0	0.0	2,749.0	0.0	3,013.3
Total	450.2	625.0	0.0	625.0	1,312.0	6,562.0	0.0	0.0	8,499.0	0.0	8,949.2

<p>Intermodal Center Projects</p> <p>Description: Design and construct an intercity bus transit facility, with parking, storage, office, and passenger facilities.</p> <p>Justification: Relocation of the Greyhound Terminal from its current location is needed to accommodate future downtown development.</p>	<p>Project ID: M528 Start Date: 7/05 End Date: 6/14 Location: Ward 6</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
General Fund	237.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.4
Mass Transit Funds	1,222.4	1,729.6	1,553.2	3,282.8	0.0	0.0	0.0	0.0	3,282.8	0.0	4,505.2
Total	1,459.8	1,729.6	1,553.2	3,282.8	0.0	0.0	0.0	0.0	3,282.8	0.0	4,742.6

<p>Intersection Improvements</p> <p>Description: Design and construct intersection improvements at the following five locations: Grant and Rosemont, Oracle and Auto Mall, St. Mary's and Silverbell, Tanque Verde and Pima, and Wilmot and Nicaragua.</p> <p>Justification: These improvements will improve intersection traffic-carrying capacity and enhance motorist safety.</p>	<p>Project ID: SN09 Start Date: 7/09 End Date: 6/14 Location: Citywide</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	1,078.8	333.0	241.0	574.0	0.0	0.0	0.0	0.0	574.0	0.0	1,652.8
Total	1,078.8	333.0	241.0	574.0	0.0	0.0	0.0	0.0	574.0	0.0	1,652.8

<p>Kolb Road Connection to Sabino Canyon</p> <p>Description: Design and construct a new road stretching from the intersection of Sabino Canyon and Tanque Verde to just north of the intersection at Kolb Road and Speedway Boulevard.</p> <p>Justification: This project was approved as part of the May 2006 RTA Plan and will improve regional traffic circulation.</p>	<p>Project ID: SR8A Start Date: 7/09 End Date: 6/16 Location: Ward 2</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	350.0	0.0	350.0
Federal Grant Funds	0.0	0.0	0.0	0.0	11,750.0	0.0	0.0	0.0	11,750.0	0.0	11,750.0
General Fund: Restricted Revenues	193.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193.8
Highway User Revenue Fund	20.9	0.0	5.0	5.0	5.0	5.0	0.0	0.0	15.0	0.0	35.9
Regional Transportation Authority Fund	7,268.9	1,000.0	0.0	1,000.0	846.1	0.0	0.0	0.0	1,846.1	0.0	9,115.0
Total	7,483.6	1,000.0	5.0	1,005.0	12,601.1	355.0	0.0	0.0	13,961.1	0.0	21,444.7

<p>Kolb/University of Arizona Science and Tech Park Signal</p> <p>Description: Fund the installation of a traffic signal on Kolb Road at the entrance to the University of Arizona Science and Tech Park.</p> <p>Justification: The City is required to fund this traffic signal as part of a previously approved development agreement</p>	<p>Project ID: SG12 Start Date: 7/13 End Date: 6/14 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	0.0	0.0	250.0	250.0	0.0	0.0	0.0	0.0	250.0	0.0	250.0
Total	0.0	0.0	250.0	250.0	0.0	0.0	0.0	0.0	250.0	0.0	250.0

<p>La Paloma Academy Pedestrian Traffic Signal</p> <p>Description: Design and construct a pedestrian activated traffic signal in the vicinity of La Paloma Academy just east of Golf Links Road and Pantano Road (La Paloma Academy is contributing \$3,000 to this project).</p> <p>Justification: A federal Safe-Routes-to-School Grant has been received to fund these improvements, which will enhance pedestrian safety.</p>	<p>Project ID: SH17 Start Date: 7/13 End Date: 6/14 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	0.0	201.0	0.0	201.0	0.0	0.0	0.0	0.0	201.0	0.0	201.0
Total	0.0	201.0	0.0	201.0	0.0	0.0	0.0	0.0	201.0	0.0	201.0

<p>Liberty Avenue Bicycle Boulevard</p> <p>Description: Design and build bicycle boulevard improvements along the Liberty Avenue alignment.</p> <p>Justification: Bicycle boulevards enhance safety and convenience for commuter bicyclists and encourage the use of alternate modes of transportation.</p>	<p>Project ID: SP04 Start Date: 7/10 End Date: 6/15 Location: Ward 5</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	50.0	0.0	50.0	50.0	1,050.0	0.0	0.0	0.0	1,100.0	0.0	1,150.0
Highway User Revenue Fund	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Regional Transportation Authority Fund	30.0	0.0	3.0	3.0	55.0	0.0	0.0	0.0	58.0	0.0	88.0
Total	80.2	0.0	53.0	53.0	1,105.0	0.0	0.0	0.0	1,158.0	0.0	1,238.2

Modern Streetcar/SunLink

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

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

Project ID: MRC3
Start Date: 7/07
End Date: 6/14
Location: Wards 1, 3 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0
General Fund	1,361.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,361.1
Mass Transit Funds	77,568.8	0.0	2,752.8	2,752.8	0.0	0.0	0.0	0.0	2,752.8	0.0	80,321.6
Regional Transportation Authority Fund	44,186.2	20,747.0	10,066.8	30,813.8	0.0	0.0	0.0	0.0	30,813.8	0.0	75,000.0
Total	123,189.1	20,747.0	12,819.6	33,566.6	0.0	0.0	0.0	0.0	33,566.6	0.0	156,755.7

Pantano Repaving: Escalante to Irvington

Description:
Reconstruct the failed pavement section along this segment of Pantano Road.

Justification:
Federal funds have been allocated through the PAG TIP process.

Project ID: S10T
Start Date: 7/12
End Date: 6/14
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	0.0	0.0	121.0	121.0	0.0	0.0	0.0	0.0	121.0	0.0	121.0
Federal Grant Funds	144.6	78.1	2,000.0	2,078.1	0.0	0.0	0.0	0.0	2,078.1	0.0	2,222.7
Highway User Revenue Fund	21.2	40.3	0.0	40.3	0.0	0.0	0.0	0.0	40.3	0.0	61.5
Total	165.8	118.4	2,121.0	2,239.4	0.0	0.0	0.0	0.0	2,239.4	0.0	2,405.2

Park-and-Ride Lot: Houghton

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

Justification:
The project is included in the Transit Element of the Regional Transportation Plan approved by voters in May 2006 and by the Mayor and Council on October 16, 2007. The park-and-ride lot will promote the use of public transit.

Project ID: MRC1
Start Date: 7/08
End Date: 6/14
Location: Ward 2

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	2,088.6	950.0	218.0	1,168.0	0.0	0.0	0.0	0.0	1,168.0	0.0	3,256.6
Total	2,088.6	950.0	218.0	1,168.0	0.0	0.0	0.0	0.0	1,168.0	0.0	3,256.6

Park-and-Ride Lot: Rita Ranch

Description:
Design and construct a Park-and-Ride facility located on the southeast side along Houghton Road corridor. The facility will accommodate 100 to 150 parking spaces with turn-around space for Sun Tran buses.

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

Project ID: MRC4
Start Date: 7/08
End Date: 6/14
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	1.5	5.0	1,950.8	1,955.8	0.0	0.0	0.0	0.0	1,955.8	0.0	1,957.3
Total	1.5	5.0	1,950.8	1,955.8	0.0	0.0	0.0	0.0	1,955.8	0.0	1,957.3

<p>Park Avenue Transportation Enhancement</p> <p>Description: Construct various pedestrian and streetscape improvements along Park Avenue between Glenn Street and Speedway Boulevard.</p> <p>Justification: A Federal Transportation Enhancement Grant was awarded for this project, which will enhance pedestrian safety and enjoyment.</p>	<p>Project ID: S194 Start Date: 7/09 End Date: 6/15 Location: Ward 3</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	50.0	0.0	120.0	120.0	469.0	0.0	0.0	0.0	589.0	0.0	639.0
Highway User Revenue Fund	14.4	0.0	7.0	7.0	26.0	0.0	0.0	0.0	33.0	0.0	47.4
Regional Transportation Authority Fund	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4
Total	87.8	0.0	127.0	127.0	495.0	0.0	0.0	0.0	622.0	0.0	709.8

<p>Pima Street Pedestrian Pathway Enhancements</p> <p>Description: Design and construct pedestrian improvements along Pima Street between Alvernon Way and Columbus Boulevard.</p> <p>Justification: A Federal Transportation Enhancement Grant was received for these improvements, which will improve pedestrian safety and enjoyment.</p>	<p>Project ID: S01J Start Date: 7/10 End Date: 6/15 Location: Ward 6</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	25.0	0.0	350.0	350.0	350.0	0.0	0.0	0.0	700.0	0.0	725.0
Highway User Revenue Fund	94.0	0.0	3.0	3.0	20.0	0.0	0.0	0.0	23.0	0.0	117.0
Total	119.0	0.0	353.0	353.0	370.0	0.0	0.0	0.0	723.0	0.0	842.0

Regional Seamless Fare System

Description:
Plan, design, and implement a regional seamless fare collection system, which will include smart card technology and global positioning system capabilities.

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

Project ID: MRC9
Start Date: 7/10
End Date: 6/14
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	2,715.9	1,790.0	0.0	1,790.0	0.0	0.0	0.0	0.0	1,790.0	0.0	4,505.9
Total	2,715.9	1,790.0	0.0	1,790.0	0.0	0.0	0.0	0.0	1,790.0	0.0	4,505.9

Regional Transportation Data Network

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

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

Project ID: S701
Start Date: 7/06
End Date: 6/14
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	349.9	40.0	2,651.3	2,691.3	0.0	0.0	0.0	0.0	2,691.3	0.0	3,041.2
Highway User Revenue Fund	16.0	118.0	35.4	153.4	0.0	0.0	0.0	0.0	153.4	0.0	169.4
Total	365.9	158.0	2,686.7	2,844.7	0.0	0.0	0.0	0.0	2,844.7	0.0	3,210.6

<p>Replacement Buses for Sun Tran</p> <p>Description: Replace buses that have reached the end of their useful life of 12 years or 500,000 miles. Project funding is dependent upon future grants from the Federal Transit Administration and the availability of local funds for required grant matches.</p> <p>Justification: Keeping to a bus replacement schedule reduces maintenance costs and improves schedule efficiency.</p>	<p>Project ID: M007C Start Date: Annual End Date: Annual Location: Citywide</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	0.0	0.0	0.0	15,049.4	6,860.0	0.0	7,996.8	29,906.2	0.0	29,906.2
Regional Transportation Authority Fund	0.0	0.0	0.0	0.0	378.7	0.0	0.0	0.0	378.7	0.0	378.7
Total	0.0	0.0	0.0	0.0	15,428.1	6,860.0	0.0	7,996.8	30,284.9	0.0	30,284.9

<p>Replacement Vans for Sun Van</p> <p>Description: Replace vans that have reached the end of their useful life of four years or 100,000 miles. (Project funding in Years 2 through 5 is dependent upon future grants from the Federal Transit Administration and the availability of local funds for required grant matches.)</p> <p>Justification: A regularly scheduled replacement programs saves on maintenance costs and improves schedule efficiency.</p>	<p>Project ID: M012C Start Date: Annual End Date: Annual Location: Citywide</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	0.0	0.0	4,748.9	4,748.9	3,325.0	2,660.0	1,841.1	193.8	12,768.8	0.0	12,768.8
Total	0.0	0.0	4,748.9	4,748.9	3,325.0	2,660.0	1,841.1	193.8	12,768.8	0.0	12,768.8

<p>Rio Vista Safe Routes to School</p> <p>Description: Design and construct pedestrian improvements near Rio Vista Elementary School including a shared-use path on Limberlost Road.</p> <p>Justification: A federal Safe-Routes-to-School Grant has been received to fund these improvements, which will enhance pedestrian safety.</p>	<p>Project ID: SP06 Start Date: 7/12 End Date: 6/15 Location: Ward 3</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	50.0	0.0	350.0	350.0	350.0	0.0	0.0	0.0	700.0	0.0	750.0
Total	50.0	0.0	350.0	350.0	350.0	0.0	0.0	0.0	700.0	0.0	750.0

<p>Rita Road Enhancements</p> <p>Description: Design and construct roadway capacity and alternate modes improvements, such as bicycle and pedestrian facilities, on the west side of Rita Road.</p> <p>Justification: These improvements will enhance the roadway along the frontage of the University of Arizona Science and Tech Park and promote the use of alternate modes of transportation.</p>	<p>Project ID: SR9A Start Date: 7/10 End Date: 6/14 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
Highway User Revenue Fund	70.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.1
Regional Transportation Authority Fund	100.0	0.0	800.0	800.0	0.0	0.0	0.0	0.0	800.0	0.0	900.0
Total	220.1	0.0	800.0	800.0	0.0	0.0	0.0	0.0	800.0	0.0	1,020.1

<p>Robinson Safe Routes to School</p> <p>Description: Construct sidewalks and safe pedestrian crossings in the vicinity of Robison Elementary School to encourage walking and biking activities.</p> <p>Justification: The City received a Federal Safe Routes to School grant for these improvements.</p>	<p>Project ID: SP08 Start Date: 7/13 End Date: 6/16 Location: Wards 5 and 6</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	0.0	0.0	60.0	60.0	100.0	240.0	0.0	0.0	400.0	0.0	400.0
	0.0	0.0	60.0	60.0	100.0	240.0	0.0	0.0	400.0	0.0	400.0

<p>Ronstadt Transit Center</p> <p>Description: Design and construct modifications to the Ronstadt Transit Center to improve circulation and create space for a mixed use facility on the southern edge (Congress Street frontage). This project will also include circulation studies to identify any required modifications.</p> <p>Justification: This project will ensure the positive future of the Ronstadt Transit Center for transit vehicles as a component of the pedestrian, housing, retail, and restaurant district along Congress Street.</p>	<p>Project ID: M611 Start Date: 7/05 End Date: 6/14 Location: Ward 6</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	2,311.4	0.0	1,008.9	1,008.9	0.0	0.0	0.0	0.0	1,008.9	0.0	3,320.3
Total	2,311.4	0.0	1,008.9	1,008.9	0.0	0.0	0.0	0.0	1,008.9	0.0	3,320.3

RTA Hawks

Description:
Construct pedestrian and bicycle activated traffic signals at 22nd Street/Avenida Sirio, Grant Road/Sahuara Avenue, Campbell Avenue/Ninth Street, and Craycroft Road/Ft. Lowell Park.

Justification:
This project was approved for RTA funds in December 2012.

Project ID: SH26
Start Date: 7/13
End Date: 6/15
Location: Wards 3, 4, and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	0.0	0.0	300.0	300.0	300.0	0.0	0.0	0.0	600.0	0.0	600.0
Total	0.0	0.0	300.0	300.0	300.0	0.0	0.0	0.0	600.0	0.0	600.0

Security for Transit

Description:
Security equipment for new replacement buses.

Justification:
In order to comply with FTA grant terms and conditions, the City must spend at least 1% of estimated grant formula monies on security improvements to the transit system.

Project ID: M023
Start Date: 7/12
End Date: 6/18
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	156.0	0.0	156.0	156.0	156.0	156.0	156.0	156.0	780.0	0.0	936.0
Total	156.0	0.0	156.0	156.0	156.0	156.0	156.0	156.0	780.0	0.0	936.0

Silverbell: Ina to Grant Road

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

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

Project ID: SR6A
Start Date: 7/08
End Date: 6/21
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	7.4	0.0	5.0	5.0	5.0	5.0	5.0	5.0	25.0	0.0	32.4
Impact Fee Funds	290.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,710.0	8,000.0
Regional Transportation Authority Fund	3,060.1	1,000.0	1,284.6	2,284.6	3,198.4	4,000.0	4,000.0	1,000.0	14,483.0	25,109.9	42,653.0
Total	3,357.5	1,000.0	1,289.6	2,289.6	3,203.4	4,005.0	4,005.0	1,005.0	14,508.0	32,819.9	50,685.4

Speedway and Sixth Avenue Signal Upgrades

Description:
Upgrade the aged traffic signal at Speedway Boulevard and Sixth Avenue.

Justification:
This improvement will improve the reliability of the traffic signal, enhance motorist safety, and reduce potential intersection congestion.

Project ID: SG10
Start Date: 7/11
End Date: 6/14
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	0.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	50.0
Regional Transportation Authority Fund	111.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	161.0
Total	111.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	211.0

Speedway Boulevard at Union Pacific Underpass

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

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

Project ID: S190
Start Date: 7/09
End Date: 6/15
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	1,217.3	0.0	1,000.0	1,000.0	7,000.0	0.0	0.0	0.0	8,000.0	0.0	9,217.3
Highway User Revenue Fund	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Regional Transportation Authority Fund	91.8	25.0	0.0	25.0	0.0	0.0	0.0	0.0	25.0	0.0	116.8
Total	1,309.6	25.0	1,000.0	1,025.0	7,000.0	0.0	0.0	0.0	8,025.0	0.0	9,334.6

Speedway: Camino Seco to Houghton

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

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

Project ID: SR4A
Start Date: 7/06
End Date: 6/15
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
General Fund	773.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	773.6
Highway User Revenue Fund	344.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	344.7
Impact Fee Funds	3,626.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,626.2
Regional Transportation Authority Fund	13,956.5	8.0	0.0	8.0	2.0	0.0	0.0	0.0	10.0	0.0	13,966.5
Total	18,701.0	8.0	0.0	8.0	2.0	0.0	0.0	0.0	10.0	0.0	18,711.0

Stone Ave: Drachman and Speedway Improvements

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

Justification:
This improvement will enhance this northern gateway into downtown.

Project ID: S14W
Start Date: 7/00
End Date: 6/14
Location: Wards 1, 3, and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	1,500.5	0.0	2,607.0	2,607.0	0.0	0.0	0.0	0.0	2,607.0	0.0	4,107.5
Regional Transportation Authority Fund	500.0	0.0	500.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	1,000.0
Total	2,000.5	0.0	3,107.0	3,107.0	0.0	0.0	0.0	0.0	3,107.0	0.0	5,107.5

Street Improvements: Proposition 409

Description:
Restore, repair, and resurface streets inside Tucson City limits with the \$100 million bond program. Street resurfacing will be over a 5-year period and approximately 85% of bond funds will be allocated to major streets and 15% will be allocated to neighborhood streets. All work will be competitively bid out to private sector contractors.

Justification:
Approximately 130 miles of major streets and 114 miles of neighborhood streets will be resurfaced as part of the bond program.

Project ID: S409
Start Date: 7/13
End Date: 6/18
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
General Obligation Street Bonds: Series 2013	0.0	0.0	19,800.0	19,800.0	19,800.0	19,800.0	19,800.0	19,800.0	99,000.0	0.0	99,000.0
Total	0.0	0.0	19,800.0	19,800.0	19,800.0	19,800.0	19,800.0	19,800.0	99,000.0	0.0	99,000.0

Sunset: Silverbell to I-10 to River

Description:
Construct a new three-lane roadway between Silverbell Road and River Road, including a new bridge over the Santa Cruz River.

Justification:
This project was approved as part of the May 2006 RTA Plan and will re-establish Sunset Road. Pima County has been identified as the lead agency and this funding will provide the City of Tucson's local contribution.

Project ID: SR12
Start Date: 7/15
End Date: 6/17
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	0.0	0.0	0.0	0.0	0.0	2,500.0	2,500.0	0.0	5,000.0	0.0	5,000.0
Total	0.0	0.0	0.0	0.0	0.0	2,500.0	2,500.0	0.0	5,000.0	0.0	5,000.0

Transit Bus Restoration

Description:
Restore and rehabilitate a donated 1928 Twin Coach transit bus that served the people of Bisbee from 1928 to 1951; this is the oldest known Arizona transit bus.

Justification:
The rehabilitated transit bus will be used by the Old Pueblo Trolley Company to reinforce and complement the regional transportation system by providing better connections in the central city, a need recognized by the City's Transit Linkage Study.

Project ID: S020
Start Date: 7/04
End Date: 6/15
Location: Ward 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	94.9	0.0	14.0	14.0	14.0	0.0	0.0	0.0	28.0	0.0	122.9
Highway User Revenue Fund	6.6	0.0	1.6	1.6	1.6	0.0	0.0	0.0	3.2	0.0	9.8
Total	101.5	0.0	15.6	15.6	15.6	0.0	0.0	0.0	31.2	0.0	132.7

Transit Centers Improvements

Description:
 Repair and improve the Tohono Tadaï Transit Center and the Laos Transit Center. Transit centers must be maintained to provide safe environments for the public and include repairs and improvements for walkways, driveways, lighting, and security equipment.

Justification:
 Transit capital assets required continuous upgrade and improvements to prolong asset life and maintain a safe environment for the public. Transit center improvements also enhance the ridership experience of customers, thereby increasing the use of alternate modes of transportation.

Project ID: M853
Start Date: 7/08
End Date: 6/14
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Mass Transit Funds	210.6	0.0	278.9	278.9	0.0	0.0	0.0	0.0	278.9	0.0	489.5
Total	210.6	0.0	278.9	278.9	0.0	0.0	0.0	0.0	278.9	0.0	489.5

Treat Avenue Bike Boulevard

Description:
 Construct bike boulevard improvements along the Treat Avenue alignment, providing a low stress north/south bicycle route through midtown.

Justification:
 This project was approved for RTA funds in December 2012.

Project ID: SP12
Start Date: 7/13
End Date: 6/15
Location: Wards 3, 5, and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	0.0	0.0	200.0	200.0	300.0	0.0	0.0	0.0	500.0	0.0	500.0
Total	0.0	0.0	200.0	200.0	300.0	0.0	0.0	0.0	500.0	0.0	500.0

<p>Tucson Boulevard Multi-use Path</p> <p>Description: Design and construct an off-road multi-use path along Tucson Boulevard from Prince Road to the Rio Vista Natural Resource Park.</p> <p>Justification: These improvements will make access to the park safer for pedestrians and bicyclists.</p>	<p>Project ID: S01G Start Date: 7/09 End Date: 6/14 Location: Ward 5</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Federal Grant Funds	146.1	303.0	0.0	303.0	0.0	0.0	0.0	0.0	303.0	0.0	449.1
Highway User Revenue Fund	9.0	47.0	0.0	47.0	0.0	0.0	0.0	0.0	47.0	0.0	56.0
Total	155.1	350.0	0.0	350.0	0.0	0.0	0.0	0.0	350.0	0.0	505.1

<p>Union Pacific Railroad: Nogales Branch Safety</p> <p>Description: Design and construct various railroad crossing safety measures for existing at-grade crossings of the Union Pacific Railroad Nogales branch at 17th, 18th, 19th, 20th, and 21st Streets.</p> <p>Justification: These improvements will provide for safer railroad crossings.</p>	<p>Project ID: S151 Start Date: 7/11 End Date: 6/14 Location: Ward 5</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Regional Transportation Authority Fund	26.9	25.0	0.0	25.0	0.0	0.0	0.0	0.0	25.0	0.0	51.9
Total	26.9	25.0	0.0	25.0	0.0	0.0	0.0	0.0	25.0	0.0	51.9

<p>Valencia: Alvernon to Kolb</p> <p>Description: Widen Valencia to a six-lane, divided roadway with bike lanes and sidewalks.</p> <p>Justification: This project was approved as part of the May 2006 RTA Plan and will improve the traffic carrying capacity for Valencia Road. Pima County has been identified as the lead agency; this funding will provide the City of Tucson's local contribution.</p>	<p>Project ID: SR13 Start Date: 7/13 End Date: 6/16 Location: Wards 4 and 5</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Impact Fee Funds	0.0	0.0	1,500.0	1,500.0	0.0	1,500.0	0.0	0.0	3,000.0	0.0	3,000.0
Total	0.0	0.0	1,500.0	1,500.0	0.0	1,500.0	0.0	0.0	3,000.0	0.0	3,000.0

<p>Valencia: Kolb to Houghton</p> <p>Description: Widen Valencia to a six-lane, divided roadway with bike lanes and sidewalks.</p> <p>Justification: This project was approved as part of the May 2006 RTA Plan.</p>	<p>Project ID: SR14 Start Date: 7/13 End Date: 6/16 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Highway User Revenue Fund	0.0	0.0	5.0	5.0	5.0	5.0	0.0	0.0	15.0	0.0	15.0
Regional Transportation Authority Fund	0.0	0.0	1,199.0	1,199.0	1,199.0	1,199.0	0.0	0.0	3,597.0	0.0	3,597.0
Total	0.0	0.0	1,204.0	1,204.0	1,204.0	1,204.0	0.0	0.0	3,612.0	0.0	3,612.0

Tucson Fire



Capital Improvement Program Department Statement

FY 2014 through FY 2018

Department: Tucson Fire

Five-Year Total: \$4,091,600

The Tucson Fire Department's Capital Improvement Program (CIP) establishes improvements needed at departmental facilities.

The five-year capital program of \$4.1 million expands the Emergency Communication Center, upgrades infrastructure and provides a critical back-up to the Pima County Sheriff's emergency dispatch center.

Fire

(\$000)

Communications Center Expansion Description: Renovate and upgrade the Tucson Police and Fire's combined Emergency Communications Center located at the Thomas O. Price Service Center (TOPSC). Improvements include expanding the dispatch operations facility to allow for 20-year growth, replacing console and telephone switching, and upgrading the radio communications infrastructure used in public safety and medical dispatch operations.										Project ID: F810 Start Date: 12/10 End Date: 6/14 Location: Ward 5	
Justification: The TOPSC combined Emergency Communications Center is an integral part of the overarching Pima County Wireless Network (PCWIN) bond initiative as the facility that will serve as a back-up to the County's Sheriff and Fire Consortium Dispatch Facility at 3434 E. 22nd Street.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Capital Agreement Fund	3,611.2	831.6	0.0	831.6	0.0	0.0	0.0	0.0	831.6	0.0	4,442.8
Miscellaneous Federal Grants	501.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	501.0
Public Safety Impact Fee Funds	1,427.0	2,973.0	287.0	3,260.0	0.0	0.0	0.0	0.0	3,260.0	0.0	4,687.0
Total	5,539.2	3,804.6	287.0	4,091.6	0.0	0.0	0.0	0.0	4,091.6	0.0	9,630.8

Tucson Water



Capital Improvement Program Department Statement

FY 2014 through FY 2018

Department: Tucson Water

Five-Year Total: \$323,858,000

Tucson Water's Capital Improvement Program (CIP) is a cornerstone in a long-term water supply plan for the community. This CIP will significantly assist in attaining safe yield in the Tucson basin, balancing groundwater pumping with natural replenishment of the aquifer. The five-year program reflects the City's leadership in water resource management through the prudent use of groundwater, Colorado River water, and reclaimed water. The CIP is configured to allow the department to purchase, store, recover, and deliver the City's full allocation of Colorado River Water.

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

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

The five-year capital program of \$323.9 million includes improvements to both the potable and reclaimed water systems. The program will be funded with a combination of water revenues, revenue bonds, other debt financing, and is contingent on the utility's ability to obtain debt financing.

Potable Water System - These projects total \$291.7 million over the next five years. The focus of the potable system program is construction of projects needed to secure, store, recover and deliver long term renewable water resources for the community. Approximately \$72 million in Clearwater Projects are included in this five-year program for reservoir and booster expansions, recovery mains, and collector lines. In addition, the following funding is included in the potable portion of the capital improvement program: \$22.9 million for water line relocations or replacements associated with road projects, \$15.1 million for main replacements, \$32.6 million for replacement of old meters, \$25.1 million to preserve the integrity of the Utility's storage facilities by making necessary improvements to reservoirs, \$4.9 million for the Advanced Oxidation Treatment Plant and \$18.4 million for updating critical communications infrastructure which has become obsolete.

Reclaimed Water System - These projects total \$32.1 million over the next five years. The proposed CIP includes the construction of the Regional Reclaimed Facility, pumps, boosters and the drilling and equipping of new reclaimed wells. The five-year CIP also includes \$7.7 million for a reclaimed water enhancement project that will be jointly funded by Tucson Water and Pima County.

Tucson Water: CIP Impact on the Operating Budget

When the following projects in the 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 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018	Five Year Total
Advanced Oxidation Process Treatment	830.0	830.0	830.0	830.0	830.0	4,150.0
Eastside Maintenance Facility	120.0	120.0	120.0	120.0	120.0	600.0
Total	950.0	950.0	950.0	950.0	950.0	4,750.0

Source of Funds Summary

Tucson Water Revenue and Operations Fund	950.0	950.0	950.0	950.0	950.0	4,750.0
--	-------	-------	-------	-------	-------	---------

Tucson Water

(\$000)

Advanced Oxidation Process Treatment Description: Design and construct an Advanced Oxidation Process Treatment Plant to treat Tucson Airport Remediation Project (TARP) water for 1,4-dioxane removal. The plant will be located at the TARP Facility near I-19 and Irvington. Construction will be completed in Fiscal Year 2014. Justification: The Environmental Protection Agency is expected to establish health based limits for 1,4-dioxane. Construction of a treatment plant is needed to ensure compliance.										Project ID: W727 Start Date: 7/09 End Date: 6/14 Location: Citywide	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	13,098.5	2,000.0	3,352.6	5,352.6	0.0	0.0	0.0	0.0	5,352.6	0.0	18,451.1
Tucson Water Operating Funds	123.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123.3
Total	13,221.8	2,000.0	3,352.6	5,352.6	0.0	0.0	0.0	0.0	5,352.6	0.0	18,574.4

Arc Flash Service Upgrades Description: Purchase and install on-site power interrupt switches, new label plates warning of potential arc flash hazard, and new protective equipment for personnel visiting water sites. Justification: Occupational Safety and Health Administration (OSHA) regulation NFPA-70E on electrical safety requires all non-occupied Water Department sites containing electrical breakers or switchgear to be brought into compliance.										Project ID: W668 Start Date: 7/07 End Date: 6/23 Location: City and County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	349.0	0.0	569.5	569.5	559.7	590.3	575.2	598.7	2,893.4	2,500.0	5,742.4
Tucson Water Operating Funds	233.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	233.9
Total	582.9	0.0	569.5	569.5	559.7	590.3	575.2	598.7	2,893.4	2,500.0	5,976.3

<p>Avra Valley D-Zone Pressure Regulating Valves</p> <p>Description: Design and construct pressure regulating valve stations, metering, and control devices on four transmission mains; the Avra Valley Augmentation (W410), the 24-inch Santa Cruz River, the 48-inch Park Avenue, and the 48-inch Alvernon Way/Valencia Road C-Zone.</p> <p>Justification: Water will be moved from the Avra Valley Augmentation Transmission Main at D-Zone pressure levels into A1, B1, and C1-Zones, which will improve reliability. The C1-Zone pressure regulating valve will provide additional water supply to the water system in the southeast service area.</p>	<p>Project ID: W527 Start Date: 7/13 End Date: 6/19 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	225.4	225.4	112.0	781.2	230.2	359.3	1,708.1	412.0	2,120.1
Total	0.0	0.0	225.4	225.4	112.0	781.2	230.2	359.3	1,708.1	412.0	2,120.1

<p>Avra Valley Transmission Main Augmentation Phase I</p> <p>Description: This project (phase one of a two phase project) will include design and construction of approximately seven miles of 64-inch transmission main from the Hayden-Udall Treatment Plant to an A-zone drop. Design will begin in Fiscal Year 2013 and construction will be complete in Fiscal Year 2018.</p> <p>Justification: The project will provide redundant transmission main capacity for delivery of water to the central system and improve reliability.</p>	<p>Project ID: W410 Start Date: 7/07 End Date: 6/18 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	121.7	100.0	689.4	789.4	887.7	579.8	15,759.7	13,997.0	32,013.6	0.0	32,135.3
Tucson Water Operating Funds	23.4	0.0	0.0	0.0	0.0	0.0	0.0	2,259.4	2,259.4	0.0	2,282.8
Total	145.1	100.0	689.4	789.4	887.7	579.8	15,759.7	16,256.4	34,273.0	0.0	34,418.1

<p>Avra Valley Transmission Main Augmentation Phase II</p> <p>Description: Design and construct 4.3 miles of 64-inch transmission main. Design will begin in Fiscal Year 2017 and construction will be completed in Fiscal Year 2020.</p> <p>Justification: This transmission main will convey water to the B-Zone to A-Zone PRV station at Drexel Road and Calle Santa Cruz Lane, B-Zone at Bilby Road and Park Avenue and continue to the proposed Bilby Reservoir (W570).</p>	<p>Project ID: W762 Start Date: 7/16 End Date: 6/20 Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	575.3	2,741.8	3,317.1	21,038.0	24,355.1
Total	0.0	0.0	0.0	0.0	0.0	0.0	575.3	2,741.8	3,317.1	21,038.0	24,355.1

<p>Bailey Sleeve Valve Replacement</p> <p>Description: Design and construct necessary piping modifications and replacements of Bailey Sleeve Valves at the high pressure reducing valve (PRV) stations (H2, H2, H3, and H4) on Tucson Water's CAP distribution system.</p> <p>Justification: These critical transfer valves have in excess of 30 years of service, and are demanding a significant amount of maintenance.</p>	<p>Project ID: W856 Start Date: 7/12 End Date: 6/16 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	350.0	50.0	1,133.8	1,183.8	1,119.4	708.4	0.0	0.0	3,011.6	0.0	3,361.6
Total	350.0	50.0	1,133.8	1,183.8	1,119.4	708.4	0.0	0.0	3,011.6	0.0	3,361.6

<p>Bilby/Country Club Reservoir</p> <p>Description: Design and construct a new 20 million gallon reservoir and booster station as part of the Avra Valley Augmentation Project. Design will begin in Fiscal Year 2016 and construction will begin in Fiscal Year 2020.</p> <p>Justification: This project will provide redundancy of supply to the Clearwater Project.</p>	<p>Project ID: W570 Start Date: 7/15 End Date: 6/20 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	295.2	287.6	299.4	882.2	22,000.0	22,882.2
Total	0.0	0.0	0.0	0.0	0.0	295.2	287.6	299.4	882.2	22,000.0	22,882.2

<p>Camino de Oeste PRV at Thornydale</p> <p>Description: Design and construct an 8-inch PRV and create a ZA+ zone to alleviate low pressure fluctuations. This project will also install a 12-inch valve to serve as a zone boundary valve.</p> <p>Justification: This will improve fire flow reliability for the Quail Run Elementary School.</p>	<p>Project ID: W862 Start Date: 7/13 End Date: 6/15 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	78.9	78.9	223.9	0.0	0.0	0.0	302.8	0.0	302.8
Total	0.0	0.0	78.9	78.9	223.9	0.0	0.0	0.0	302.8	0.0	302.8

<p>Cathodic Protection for Critical Pipelines</p> <p>Description: Design and construct cathodic protection and corrosion monitoring facilities. These pipelines range from 16 to 96 inches in diameter and are located throughout Tucson Water's service area.</p> <p>Justification: This project is necessary to prevent corrosion related failures of the City's largest and most critical potable water pipelines.</p>	<p>Project ID: W320 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	665.2	665.2	671.6	708.3	690.3	718.5	3,453.9	3,000.0	6,453.9
Total	0.0	0.0	665.2	665.2	671.6	708.3	690.3	718.5	3,453.9	3,000.0	6,453.9

<p>Cavalier Estates Phase I</p> <p>Description: Design and install 3,600 feet of 8-inch pipe in Wilmot, Zuni Avenues, and 31st, and 29th Streets. This project will relocate 85 water meters from alleys into streets and replace four existing fire hydrants. Design will begin in Fiscal Year 2017 and construction will be completed in Fiscal Year 2018.</p> <p>Justification: This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.</p>	<p>Project ID: W859 Start Date: 7/16 End Date: 6/18 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Future Water Revenue Bonds	0.0	0.0	0.0	0.0	0.0	0.0	57.4	834.7	892.1	0.0	892.1
Total	0.0	0.0	0.0	0.0	0.0	0.0	57.4	834.7	892.1	0.0	892.1

<p>CAVSARP Well Pump Improvements</p> <p>Description: Upgrade existing line shafts on Central Avra Valley Storage and Recovery Project (CAVSARP) wells, upgrade well pumps, change product lubrication systems, and re-equip wells with new materials.</p> <p>Justification: Evaluating and upgrading wells will reduce maintenance and improve operating efficiency and reliability.</p>	<p>Project ID: W553 Start Date: Annual End Date: Annual Location: County</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	683.4	683.4	671.6	708.3	690.3	718.5	3,472.1	3,000.0	6,472.1
Total	0.0	0.0	683.4	683.4	671.6	708.3	690.3	718.5	3,472.1	3,000.0	6,472.1

<p>Chlorine System Improvements</p> <p>Description: Modifications to the chlorine feed system at the Reclaimed Treatment Plant are currently needed to ensure the system is in optimal operating condition. This project will provide budget capacity on an on-going basis to make similar improvements at other chlorine feed points throughout the reclaimed system.</p> <p>Justification: These improvements are necessary to ensure reliability of the system, and could result in a reduction in the amount of chemicals needed system-wide.</p>	<p>Project ID: W649 Start Date: Annual End Date: Annual Location: Ward 1</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	57.0	57.0	56.0	59.0	57.5	59.9	289.4	250.0	539.4
Total	0.0	0.0	57.0	57.0	56.0	59.0	57.5	59.9	289.4	250.0	539.4

<p>Clearwell Outlet Valve</p> <p>Description: Install a 72-inch valve on the 96-inch outlet main at the Clearwell Reservoir inside a vault. Design will begin in Fiscal Year 2015 and construction will be completed in Fiscal Year 2016.</p> <p>Justification: In the event of an outage on the 96-inch water main, this valve will negate the need to completely drain the Clearwell Reservoir in order to repair the main.</p>	<p>Project ID: W038 Start Date: 7/14 End Date: 6/16 Location: Ward 1</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	56.0	531.2	0.0	0.0	587.2	0.0	587.2
Total	0.0	0.0	0.0	0.0	56.0	531.2	0.0	0.0	587.2	0.0	587.2

<p>Control Panel Replacements: Potable</p> <p>Description: Install new control panels and electronic equipment at existing production facilities such as wells, boosters, reservoirs, and pressure reducing valve facilities.</p> <p>Justification: The existing control panels are approaching the end of their service life and need to be replaced to ensure system reliability.</p>	<p>Project ID: W045 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	136.7	136.7	111.9	118.1	115.1	119.8	601.6	500.0	1,101.6
Total	0.0	0.0	136.7	136.7	111.9	118.1	115.1	119.8	601.6	500.0	1,101.6

<p>Control Panels: Reclaimed System</p> <p>Description: Design and construct controls for reclaimed water facilities, and modify existing controls at booster stations, reservoirs, and storage facilities.</p> <p>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.</p>	<p>Project ID: W959 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	284.8	284.8	279.8	295.2	287.6	299.4	1,446.8	1,250.0	2,696.8
Total	0.0	0.0	284.8	284.8	279.8	295.2	287.6	299.4	1,446.8	1,250.0	2,696.8

<p>Craycroft Addition Subdivision, Phase I</p> <p>Description: Design and install 11,900 feet of 6-inch pipe in the Craycroft Addition Subdivision Phase I, bordered by 23rd Street, 30th Street, Van Buren and Sahuara Avenue. This project will also relocate 46 water meters from alleys to the street and replace 14 existing fire hydrants.</p> <p>Justification: This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.</p>	<p>Project ID: W793 Start Date: 7/14 End Date: 6/15 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	47.4	0.0	0.0	0.0	1,093.5	0.0	0.0	0.0	1,093.5	0.0	1,140.9
Total	47.4	0.0	0.0	0.0	1,093.5	0.0	0.0	0.0	1,093.5	0.0	1,140.9

<p>Developer-Financed Reclaimed Systems</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 developer fees.</p> <p>Justification: The review and inspection ensure compliance with Tucson Water's standards.</p>	<p>Project ID: W130 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	67.1	67.1	66.1	69.2	67.6	71.1	341.1	300.0	641.1
Total	0.0	0.0	67.1	67.1	66.1	69.2	67.6	71.1	341.1	300.0	641.1

<p>Disinfection Equipment Upgrades</p> <p>Description: Upgrade disinfection equipment at reservoirs and wells.</p> <p>Justification: As disinfection equipment becomes deteriorated or obsolete, it must be replaced to ensure operational reliability and maintain water quality.</p>	<p>Project ID: W221 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	136.0	136.0	134.4	141.4	138.4	143.3	693.5	600.0	1,293.5
Total	0.0	0.0	136.0	136.0	134.4	141.4	138.4	143.3	693.5	600.0	1,293.5

Dove Mountain 30-inch Reclaimed Main

Description:
 Replace approximately 8,150 feet of existing 24-inch concrete cylinder transmission main with larger pipe. This transmission main was originally designed to handle 150 pounds of pressure per square inch. The amount of pressure currently passing through this pipeline, on a routine basis, exceeds the recommended pressure. Design began in Fiscal Year 2011, and construction will be completed in Fiscal Year 2014.

Justification:
 Replacing the pipeline will ensure the safe delivery of reclaimed water to the Dove Mountain area.

Project ID: W785
Start Date: 7/10
End Date: 6/14
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	981.8	1,000.0	18.2	1,018.2	0.0	0.0	0.0	0.0	1,018.2	0.0	2,000.0
Total	981.8	1,000.0	18.2	1,018.2	0.0	0.0	0.0	0.0	1,018.2	0.0	2,000.0

Drexel Road to Nebraska Road A-Zone Transmission Main

Description:
 Design and construct 3,000 feet of 16-inch diameter A-Zone transmission main. Design will begin in Fiscal Year 2015 and construction will be completed in Fiscal Year 2017.

Justification:
 This transmission main will connect the future Avra Valley Augmentation B to A PRV station at Drexel Road and Santa Cruz Lane north to the existing 12-inch A-Zone transmission main at approximately Nebraska Road and Santa Cruz Lane. This will improve reliability of A-Zone water supply.

Project ID: W851
Start Date: 7/14
End Date: 6/17
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	16.8	41.7	345.2	0.0	403.7	0.0	403.7
Total	0.0	0.0	0.0	0.0	16.8	41.7	345.2	0.0	403.7	0.0	403.7

Drill Production Wells

Description:
 Design and drill water production wells. Project scope provides for the drilling of 13 additional wells, primarily for the Southern Avra Valley Storage and Recovery Project (SAVSARP), the Santa Cruz well field, and to augment supplies in isolated service areas and the central system. The estimated cost per well will range from \$325,000 to \$400,000, depending on the contract scope.

Justification:
 New wells are needed to meet demand, to replace wells or supplement diminishing well capacities, and to provide back-up system capacity.

Project ID: W101
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	2,149.4	2,149.4	1,267.2	944.4	1,150.5	1,197.4	6,708.9	5,000.0	11,708.9
Total	0.0	0.0	2,149.4	2,149.4	1,267.2	944.4	1,150.5	1,197.4	6,708.9	5,000.0	11,708.9

Effluent Master Plan

Description:
 This project will result in the development of a plan for the full utilization of the City's effluent by 2020. The plan will address effluent quality and quantity, methods of treatment, existing and potential uses of effluent. The plan will also result in the implementation of capital improvement projects.

Justification:
 This is necessary to demonstrate and reinforce to the community the importance of using all of our effluent supply for non-potable purposes within the Tucson Water Service Area.

Project ID: W799
Start Date: 7/11
End Date: 6/14
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	1,818.0	0.0	335.8	335.8	0.0	0.0	0.0	0.0	335.8	0.0	2,153.8
Total	1,818.0	0.0	335.8	335.8	0.0	0.0	0.0	0.0	335.8	0.0	2,153.8

<p>Emergency Main Replacement</p> <p>Description: Replace approximately 3,000 feet of 2-inch, 4-inch, and 6-inch new mains on an as-needed, emergency basis.</p> <p>Justification: Immediate response to requests for emergency main replacements is required to reduce water loss, ensure system reliability, and maintain water quality.</p>	<p>Project ID: W186 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	224.6	224.6	223.2	235.5	229.4	238.5	1,151.2	1,000.0	2,151.2
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	224.6	224.6	223.2	235.5	229.4	238.5	1,151.2	1,000.0	2,151.2

<p>Equip Reclaimed Well EW-009</p> <p>Description: Install pumping control equipment and discharge piping to recover water from the new well. Design was begun in Fiscal Year 2013 followed by construction in Fiscal Year 2014.</p> <p>Justification: This project will recover recharged effluent and increase the capacity of the reclaimed system to serve new customers.</p>	<p>Project ID: W700 Start Date: 7/12 End Date: 6/14 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	20.1	0.0	503.7	503.7	0.0	0.0	0.0	0.0	503.7	0.0	523.8
Total	20.1	0.0	503.7	503.7	0.0	0.0	0.0	0.0	503.7	0.0	523.8

Extensions for New Services

Description:
Design and install minor extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer.

Justification:
Extensions allow Tucson Water to install (or upgrade piping in order to install) new services in an expedient manner. This project ensures that piping is suitable in strength and durability and is available to connect to the distribution system.

Project ID: W107
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	112.3	112.3	111.6	117.7	114.7	119.2	575.5	500.0	1,075.5
Total	0.0	0.0	112.3	112.3	111.6	117.7	114.7	119.2	575.5	500.0	1,075.5

Facility Safety and Security Infrastructure

Description:
Implementation of an enterprise-wide security system for Tucson Water. This project will include ongoing security analysis, acquisition and installation of security system hardware and software, video cameras, and sensor equipment, as well as building modifications including wiring, access card reader installations and remodel work.

Justification:
This long-range project will provide security for approximately 794 parcels owned by Tucson Water.

Project ID: W381
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	1,136.5	1,136.5	1,119.5	1,180.6	1,150.4	1,197.5	5,784.5	5,000.0	10,784.5
Total	0.0	0.0	1,136.5	1,136.5	1,119.5	1,180.6	1,150.4	1,197.5	5,784.5	5,000.0	10,784.5

Filtration Modifications at Reclaimed Plant

Description:
The existing filtration system is now well beyond its projected lifespan. Planned modifications to the system will enhance flow rates, increase filter capacity, and minimize backwash. Piping modifications will also be included in the scope of this project. Design will begin in Fiscal Year 2016 and construction to be completed in Fiscal Year 2018.

Justification:
This project is necessary to ensure a quality reclaimed water supply.

Project ID: W774
Start Date: 7/15
End Date: 6/18
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	354.2	1,409.4	1,467.4	3,231.0	0.0	3,231.0
Total	0.0	0.0	0.0	0.0	0.0	354.2	1,409.4	1,467.4	3,231.0	0.0	3,231.0

Fire Services

Description:
Design and install fire hydrants and fire sprinkler service connections in areas needed upon customer request and payment of connection fees.

Justification:
This project is required to provide for the installation of new fire hydrants and fire services to customers upon request.

Project ID: W124
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	1,900.0	1,900.0	1,900.0	1,938.0	1,976.0	2,120.0	9,834.0	10,000.0	19,834.0
Total	0.0	0.0	1,900.0	1,900.0	1,900.0	1,938.0	1,976.0	2,120.0	9,834.0	10,000.0	19,834.0

<p>Golf Links Main Replacement Phase I</p> <p>Description: Design and install 1,400 feet of 8-inch pipe in 34th, 35th Streets, Golf Links Road, Sahuara and Rook Avenue. This project will relocate 90 water meters from alleys into streets. Design began in Fiscal Year 2012 and construction will be completed in Fiscal Year 2014.</p> <p>Justification: This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.</p>	<p>Project ID: W847 Start Date: 7/11 End Date: 9/14 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	170.2	150.0	18.5	168.5	0.0	0.0	0.0	0.0	168.5	0.0	338.7
Total	170.2	150.0	18.5	168.5	0.0	0.0	0.0	0.0	168.5	0.0	338.7

<p>Golf Links Main Replacement Phase II</p> <p>Description: Design and install 1,600 feet of 8-inch pipe in 33rd, 34th Streets, Calle Silvosa, Sahuara and Zuni Avenue. This project will relocate 70 water meters from alleys into streets. Design will begin in Fiscal Year 2015 and construction will be completed in Fiscal Year 2016.</p> <p>Justification: This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.</p>	<p>Project ID: W849 Start Date: 7/14 End Date: 6/16 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	33.5	554.0	0.0	0.0	587.5	0.0	587.5
Total	0.0	0.0	0.0	0.0	33.5	554.0	0.0	0.0	587.5	0.0	587.5

Golf Links Phase V

Description:
Design and install 8,550 feet of 8-inch pipe in Golf Links, Wilmot, Zuni Avenue and 32nd Street. This project will relocate 131 water meters from alleys into streets and replace two existing fire hydrants. Design will begin in Fiscal Year 2016 and construction will be completed in Fiscal Year 2017.

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Project ID: W858
Start Date: 7/15
End Date: 6/17
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	58.9	1,089.8	0.0	1,148.7	0.0	1,148.7
Total	0.0	0.0	0.0	0.0	0.0	58.9	1,089.8	0.0	1,148.7	0.0	1,148.7

Hayden-Udall Prime Reservoir and Booster Upgrade

Description:
Design and construct a new reservoir and booster station at the Hayden-Udall Water Treatment Plant to allow for redundant ability to move Clearwater source water into the central distribution system when the Snyder Hill Pump Station is not available. The current supply is provided through a single point, which includes the Hayden-Udall Plant; Snyder Hill Pump Station; and Clearwell Reservoir.

Justification:
A failure of any portion of this system will result in the loss of the complete Clearwater supply. Design began in Fiscal Year 2013 and construction will be completed in Fiscal Year 2018.

Project ID: W795
Start Date: 7/12
End Date: 6/18
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	54.1	100.0	69.1	169.1	951.5	421.3	5,591.0	0.0	7,132.9	0.0	7,187.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	157.4	3,843.1	5,821.9	9,822.4	0.0	9,822.4
Total	54.1	100.0	69.1	169.1	951.5	578.7	9,434.1	5,821.9	16,955.3	0.0	17,009.4

Ina to Reclaimed Plant Transmission Main

Description:
Pima County is scheduled to reduce the amount of effluent water available to Tucson Water from their Roger Road facility from 35 million gallons per day to 25 million gallons per day. This project will construct a 42-inch transmission main from Pima County's Ina facility to Tucson Water's Treatment Plant. Design will begin in Fiscal Year 2014 and construction will be completed in Fiscal Year 2015.

Justification:
In order to meet demand, Tucson Water will need to pump effluent water from Pima County's Ina facility to Tucson Water's Treatment Plant near Sweetwater Drive.

Project ID: W827
Start Date: 7/13
End Date: 6/15
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	152.7	152.7	1,679.1	0.0	0.0	0.0	1,831.8	0.0	1,831.8
Total	0.0	0.0	152.7	152.7	1,679.1	0.0	0.0	0.0	1,831.8	0.0	1,831.8

La Entrada Electrical Service Modernization

Description:
This project will include a new electrical service entrance as well as other work to ensure National Electric Code (NEC) and building code compliance.

Justification:
Following a building assessment it was determined that several structural modifications were needed.

Project ID: W800
Start Date: 7/11
End Date: 6/17
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	538.3	150.0	304.6	454.6	279.9	354.2	266.6	0.0	1,355.3	0.0	1,893.6
Tucson Water Operating Funds	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
Total	559.5	150.0	304.6	454.6	279.9	354.2	266.6	0.0	1,355.3	0.0	1,914.8

<p>La Paloma Reservoir Electrical System Upgrade</p> <p>Description: The La Paloma Reclaimed Reservoir is one of the original structures of the reclaimed system. The electrical and instrumentation system has aged beyond its useful life and no longer meets regulatory requirements. Construction will be completed in Fiscal Year 2014.</p> <p>Justification: This project will significantly upgrade the electrical system and replace existing booster pump motors with high efficiency motors.</p>	<p>Project ID: W834 Start Date: 7/12 End Date: 6/14 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	25.0	0.0	313.3	313.3	0.0	0.0	0.0	0.0	313.3	0.0	338.3
Total	25.0	0.0	313.3	313.3	0.0	0.0	0.0	0.0	313.3	0.0	338.3

<p>Line Replacement - 3/4"</p> <p>Description: Install replacement service lines as needed system-wide on an annual basis.</p> <p>Justification: These lines, primarily galvanized steel or High Density Polyethylene (HDPE), are replaced by new copper service lines as needed.</p>	<p>Project ID: WR14 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	681.8	681.8	671.6	708.4	690.3	718.5	3,470.6	2,500.0	5,970.6
Total	0.0	0.0	681.8	681.8	671.6	708.4	690.3	718.5	3,470.6	2,500.0	5,970.6

Maryvale Manor Subdivision, Phase I

Description:
Design and install 4,100 feet of 6-inch pipe in the Maryvale Manor Subdivision bordered by 32nd Street, 36th Street, Van Buren and Jefferson Avenue. This project will also relocate 92 water meters from alleys into streets and replace 12 existing fire hydrants. Design began in Fiscal Year 2013 and construction will be completed in Fiscal Year 2014.

Project ID: W791
Start Date: 7/12
End Date: 6/14
Location: Ward 4

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	50.0	0.0	965.9	965.9	0.0	0.0	0.0	0.0	965.9	0.0	1,015.9
Total	50.0	0.0	965.9	965.9	0.0	0.0	0.0	0.0	965.9	0.0	1,015.9

Maryvale Manor Subdivision, Phase II

Description:
Design and install approximately 8,800 feet of 6-inch pipe in the Maryvale Manor Subdivision bordered by Calle Aurora, Sahuara Avenue, Van Buren and Calle Silvosa. This project will also relocate 150 water meters from alleys into streets and replace 10 existing fire hydrants. Design will begin in Fiscal Year 2014 and construction will be completed in Fiscal Year 2015.

Project ID: W792
Start Date: 7/13
End Date: 6/15
Location: Ward 4

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.7	0.0	56.2	56.2	1,316.7	0.0	0.0	0.0	1,372.9	0.0	1,373.6
Total	0.7	0.0	56.2	56.2	1,316.7	0.0	0.0	0.0	1,372.9	0.0	1,373.6

Maryvale Manor Subdivision, Phase III

Description:
Design and install approximately 2,800 feet of 6-inch pipe in 34th, 35th, 36th Street, Van Buren and Sahuara Avenue. This project will relocate 78 water meters from alleys into streets. Design began in Fiscal Year 2012 and construction will be completed in Fiscal Year 2014.

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Project ID: W846
Start Date: 7/11
End Date: 9/14
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	30.7	280.8	0.0	280.8	0.0	0.0	0.0	0.0	280.8	0.0	311.5
Total	30.7	280.8	0.0	280.8	0.0	0.0	0.0	0.0	280.8	0.0	311.5

Maryvale Manor Subdivision, Phase IV

Description:
Design and install approximately 4,700 feet of 6-inch pipe in Sahuara Avenue, 34th Street, Van Buren and Golf Links Boulevard. This project will relocate 75 water meters from alleys into streets. Design will begin in Fiscal Year 2015 and construction will be completed in Fiscal Year 2016.

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Project ID: W860
Start Date: 7/14
End Date: 6/16
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	55.8	849.5	0.0	0.0	905.3	0.0	905.3
Total	0.0	0.0	0.0	0.0	55.8	849.5	0.0	0.0	905.3	0.0	905.3

<p>Meter Upgrade and Replacement Program</p> <p>Description: Upgrade and install replacement meters system-wide on an annual basis.</p> <p>Justification: Older meters become inefficient and tend to under-read water usage and affect compliance with water loss regulations.</p>	<p>Project ID: W435 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	3,281.9	3,281.9	5,698.9	5,963.2	5,740.4	6,135.3	26,819.7	25,000.0	51,819.7
Tucson Water Operating Funds	0.0	0.0	2,495.5	2,495.5	0.0	2,314.9	154.9	2,259.3	7,224.6	0.0	7,224.6
Total	0.0	0.0	5,777.4	5,777.4	5,698.9	8,278.1	5,895.3	8,394.6	34,044.3	25,000.0	59,044.3

<p>Miscellaneous Land and Right-of-Way Acquisitions</p> <p>Description: Budget capacity for preliminary real estate services necessary prior to determining the feasibility of a well, booster station, reservoir, or pipeline project. Services include the determination of the need for, and acquisition of, right-of-way, or easements.</p> <p>Justification: This project saves public money by determining the suitability of particular sites or routes prior to investing money in place-based design.</p>	<p>Project ID: W126 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	11.4	11.4	11.2	11.6	11.1	12.4	57.7	50.0	107.7
Total	0.0	0.0	11.4	11.4	11.2	11.6	11.1	12.4	57.7	50.0	107.7

<p>New Metered Services</p> <p>Description: Install new metered reclaimed 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 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	50.0	50.0	50.0	51.0	52.0	53.0	256.0	250.0	506.0
Total	0.0	0.0	50.0	50.0	50.0	51.0	52.0	53.0	256.0	250.0	506.0

<p>New Well Equipping</p> <p>Description: Fiscal Year 2014 through Fiscal Year 2018 will be primarily dedicated to equipping 16 Southern Avra Valley Storage and Recovery Project (SAVSARP) wells and approximately 6 central and/or isolated system wells.</p> <p>Justification: Equipping of wells is necessary to put a newly drilled or re-drilled well into service.</p>	<p>Project ID: W035 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	779.2	779.2	2,394.4	405.1	1,936.0	395.4	5,910.1	4,650.0	10,560.1
Total	0.0	0.0	779.2	779.2	2,394.4	405.1	1,936.0	395.4	5,910.1	4,650.0	10,560.1

Northgate Subdivision, Phase I

Description:
Design and install approximately 8,000 feet of 6-inch pipe in the Northgate subdivision bordered by 22nd Street, Van Buren Ave., 25th Street and Craycroft Rd. This project will also relocate 124 water meters from alleys into streets and replace 8 existing fire hydrants. Design began in Fiscal Year 2012 and construction will be completed in Fiscal Year 2014.

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Project ID: W789
Start Date: 7/11
End Date: 10/13
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	50.1	500.0	61.6	561.6	0.0	0.0	0.0	0.0	561.6	0.0	611.7
Tucson Water Operating Funds	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
Total	54.0	500.0	61.6	561.6	0.0	0.0	0.0	0.0	561.6	0.0	615.6

Northgate Subdivision, Phase II

Description:
Design and install approximately 12,900 feet of 6-inch pipe in the Northgate Subdivision bordered by Craycroft Road, 26th Street, 32nd Street, and Van Buren. This project will also relocate 73 water meters from alleys into streets and replace 14 existing fire hydrants. Design began in Fiscal Year 2012 and construction will be completed in Fiscal Year 2014.

Justification:
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Project ID: W790
Start Date: 7/11
End Date: 6/14
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	16.6	0.0	1,336.6	1,336.6	0.0	0.0	0.0	0.0	1,336.6	0.0	1,353.2
Total	16.6	0.0	1,336.6	1,336.6	0.0	0.0	0.0	0.0	1,336.6	0.0	1,353.2

<p>On-Call Valve Replacement Program</p> <p>Description: Replace broken or inoperable water valves.</p> <p>Justification: This replacement program reduces the number of unplanned water interruptions to customers, improves water quality, and contributes to a more reliable system.</p>	<p>Project ID: W283 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	449.3	449.3	446.3	470.9	458.9	477.0	2,302.4	2,000.0	4,302.4
Total	0.0	0.0	449.3	449.3	446.3	470.9	458.9	477.0	2,302.4	2,000.0	4,302.4

<p>Paseo Tamayo Reservoir</p> <p>Description: Design and construct a membrane liner in the four million gallon reservoir. Construction will be completed in Fiscal Year 2014.</p> <p>Justification: This will extend the life of this reservoir, prevent leaks, improve ventilation, and perform site improvements to maintain site security.</p>	<p>Project ID: W853 Start Date: 7/12 End Date: 9/13 Location: County</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	1,000.0	100.0	13.5	113.5	0.0	0.0	0.0	0.0	113.5	0.0	1,113.5
Total	1,000.0	100.0	13.5	113.5	0.0	0.0	0.0	0.0	113.5	0.0	1,113.5

Payments to Developers for Oversized Systems

Description:
Reimburse developers for the cost of oversizing water system components (pipes, mains, and boosters) when Tucson Water requests a capacity greater than needed by the development.

Justification:
Oversizing is sometimes required to supply future projected demands consistent with Tucson Water's long range planning and to avoid more expensive replacement in the future, after buildings and streets are constructed.

Project ID: W108
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	112.3	112.3	111.5	117.8	114.6	119.2	575.4	500.0	1,075.4
Total	0.0	0.0	112.3	112.3	111.5	117.8	114.6	119.2	575.4	500.0	1,075.4

Pipeline Protection: Acoustic Monitoring

Description:
Install hydrophones to acoustically monitor critical pipelines that are pre-stressed concrete cylinder pipes wrapped with high tensile pre-stressed steel wire. Wire slips or breaks will be recorded and communicated to the existing pipeline monitoring system by computer and cellular phone.

Justification:
These hydrophones will monitor wire degradation in distressed pipe segments of the water distribution system and facilitate timely intervention to prevent pipe failures.

Project ID: W506
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	221.7	221.7	223.9	236.1	230.1	239.5	1,151.3	1,000.0	2,151.3
Total	0.0	0.0	221.7	221.7	223.9	236.1	230.1	239.5	1,151.3	1,000.0	2,151.3

<p>Pressure Tank Replacement</p> <p>Description: Design and construct replacement pressure tanks at water wells and booster stations. As funds become available on an annual basis, uncertified tanks will be replaced and the remaining uncertified tanks prioritized.</p> <p>Justification: Safety requirements mandate tank replacement for those not meeting code or lacking certification from the American Society of Mechanical Engineers.</p>	<p>Project ID: W075 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	512.6	512.6	503.7	531.3	517.7	538.8	2,604.1	2,250.0	4,854.1
Total	0.0	0.0	512.6	512.6	503.7	531.3	517.7	538.8	2,604.1	2,250.0	4,854.1

<p>Production Well Sites</p> <p>Description: Acquire property for new production well sites.</p> <p>Justification: Well sites are needed to meet future demand and to replace obsolete wells.</p>	<p>Project ID: W087 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	85.4	85.4	84.0	89.1	86.3	90.4	435.2	375.0	810.2
Total	0.0	0.0	85.4	85.4	84.0	89.1	86.3	90.4	435.2	375.0	810.2

<p>Pumping Facility Modifications</p> <p>Description: Modify existing production facilities to improve pump efficiency and dependability. Modifications include installing new flow meters, and constructing minor improvements, such as replacing pumps to gain efficiency and replacing pump components.</p> <p>Justification: These modifications are needed to ensure that system flows are monitored and logged to improve pump efficiency and dependability and to increase capacity.</p>	<p>Project ID: W254 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	349.5	349.5	347.0	365.8	356.2	371.6	1,790.1	1,550.0	3,340.1
Total	0.0	0.0	349.5	349.5	347.0	365.8	356.2	371.6	1,790.1	1,550.0	3,340.1

<p>Reclaimed Emergency Main Enhancements</p> <p>Description: Install, upgrade, or replace mains on an as needed basis.</p> <p>Justification: Immediate response to requests for emergency reclaimed main installations is required to reduce water loss, improve system reliability, and maintain water quality.</p>	<p>Project ID: W513 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	111.9	111.9	110.2	115.7	113.5	117.7	569.0	500.0	1,069.0
Total	0.0	0.0	111.9	111.9	110.2	115.7	113.5	117.7	569.0	500.0	1,069.0

<p>Reclaimed Pressure Reducing Valves</p> <p>Description: This project includes the installation of reclaimed pressure reducing valves.</p> <p>Justification: These valves will be installed as needed throughout the reclaimed system.</p>	<p>Project ID: W438 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	54.7	54.7	56.0	59.0	57.5	59.8	287.0	250.0	537.0
Total	0.0	0.0	54.7	54.7	56.0	59.0	57.5	59.8	287.0	250.0	537.0

<p>Reclaimed Pumping Facility Modifications</p> <p>Description: Replace or modify pumps, motors, and associated equipment at reclaimed water boosters as the need occurs.</p> <p>Justification: These modifications are needed to ensure the system flows are monitored and logged to improve pump efficiency, dependability, and increase production capacity.</p>	<p>Project ID: W454 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	60.0	60.4	120.4	56.0	59.1	57.6	59.9	353.0	250.0	603.0
Total	0.0	60.0	60.4	120.4	56.0	59.1	57.6	59.9	353.0	250.0	603.0

Reclaimed Reservoir and Tank Rehabilitation

Description:
 This rehabilitation program addresses six concrete reclaimed reservoirs and steel tanks for the five year period. These water vessels were constructed from the early 1950s to present and are in need of upgrades and enhancements. Reclaimed reservoirs and tanks scheduled for rehabilitation are: Dove Mountain, Houghton, La Paloma, Starr Pass, Roger Road, and Thornydale.

Justification:
 This program will ensure system reliability, prevent water loss, and improve regulatory compliance.

Project ID: W798
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	569.5	569.5	335.8	472.2	345.2	359.2	2,081.9	1,500.0	3,581.9
Total	0.0	0.0	569.5	569.5	335.8	472.2	345.2	359.2	2,081.9	1,500.0	3,581.9

Reclaimed Storage and Recovery

Description:
 Design and construct three additional off-channel recharge basins and two new recovery wells at the Sweetwater Recharge Facilities. Construction will be completed in Fiscal Year 2014.

Justification:
 The facility expansion will increase the effluent recharge and recovery capabilities of the Sweetwater Recharge Facilities from 10,000 acre-feet per year to 13,000 acre-feet per year, in order to meet customer demand.

Project ID: W289
Start Date: 7/01
End Date: 6/14
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	3,013.2	750.0	4,017.9	4,767.9	0.0	0.0	0.0	0.0	4,767.9	0.0	7,781.1
Tucson Water Operating Funds	105.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.7
Total	3,118.9	750.0	4,017.9	4,767.9	0.0	0.0	0.0	0.0	4,767.9	0.0	7,886.8

<p>Regional Reclaimed Facility: Effluent Pumping</p> <p>Description: Design and construct a wet well (capture point), effluent pumps, and piping at Pima County's reconstructed Roger Road Wastewater Treatment Plant. Design began in Fiscal Year 2011 and construction will be completed in Fiscal Year 2014.</p> <p>Justification: The wet well will be sized to provide a flow of 30 million gallons-per-day, and the piping will transport the effluent to Tucson Water's Reclaimed Plant.</p>	<p>Project ID: W708 Start Date: 7/08 End Date: 6/14 Location: Ward 1</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	619.7	400.0	913.4	1,313.4	0.0	0.0	0.0	0.0	1,313.4	0.0	1,933.1
Total	619.7	400.0	913.4	1,313.4	0.0	0.0	0.0	0.0	1,313.4	0.0	1,933.1

<p>Rehabilitation of Critical Transmission Mains</p> <p>Description: The Pipeline Protection Program, through its internal electromagnetic surveys, has identified several distressed concrete cylinder pipe segments containing a high number of broken wires. Operating pressure conditions combined with a critical number of wire breaks could result in pipe failure.</p> <p>Justification: This project will upgrade, strengthen and improve the integrity of the pipe to provide continuous water delivery and prevent interruptions in service.</p>	<p>Project ID: W518 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	354.8	354.8	358.2	377.3	368.4	359.2	1,817.9	1,500.0	3,317.9
Total	0.0	0.0	354.8	354.8	358.2	377.3	368.4	359.2	1,817.9	1,500.0	3,317.9

Reservoir and Tank Rehabilitation

Description:
 This comprehensive rehabilitation program addresses approximately 63 concrete reservoirs and steel storage tanks. These water vessels were constructed beginning in the early 1950s, and many are in need of upgrades and enhancements to continue to provide long-term system reliability and prevent water loss. The following reservoirs and tanks are scheduled to be rehabilitated in Fiscal Year 2014 and Fiscal Year 2015: Clearwell, Valley View, and 22nd Street Reservoirs.

Justification:
 This program will provide the funding necessary to extend the useful life of reservoirs and storage tanks in the system.

Project ID: W736
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	1,312.0	1,312.0	3,806.0	4,459.7	7,248.2	3,060.3	19,886.2	11,500.0	31,386.2
Tucson Water Operating Funds	0.0	0.0	2,269.9	2,269.9	0.0	2,978.1	0.0	3,191.3	8,439.3	0.0	8,439.3
Total	0.0	0.0	3,581.9	3,581.9	3,806.0	7,437.8	7,248.2	6,251.6	28,325.5	11,500.0	39,825.5

Responsive Meter Replacement

Description:
 Budget capacity to replace meters that are not included in the ongoing residential meter replacement program.

Justification:
 This project will increase efficiency and revenues by replacing meters that under read or fail to read consumption properly, as they are discovered.

Project ID: W716
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	568.2	568.2	559.7	590.3	575.3	598.7	2,892.2	2,500.0	5,392.2
Total	0.0	0.0	568.2	568.2	559.7	590.3	575.3	598.7	2,892.2	2,500.0	5,392.2

<p>Review Developer-Financed Potable Projects</p> <p>Description: Conduct plan reviews and construction inspection of developer financed water system infrastructure projects. Associated costs are recovered by fees paid by the developer. These systems are donated to Tucson Water upon completion.</p> <p>Justification: The review and inspection of developer-financed water system infrastructure projects ensure compliance with Tucson Water requirements.</p>	<p>Project ID: W109 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	950.0	950.0	950.0	969.0	988.0	1,007.0	4,864.0	9,614.0	14,478.0
Total	0.0	0.0	950.0	950.0	950.0	969.0	988.0	1,007.0	4,864.0	9,614.0	14,478.0

<p>Road Improvement Main Replacements</p> <p>Description: Relocate water mains during road improvement projects of the City of Tucson, Pima County, Arizona Department of Transportation and other agencies, including Regional Transportation Authority (RTA) projects. Intergovernmental agreements determine the City of Tucson cost allocation for each project.</p> <p>Justification: Replacing water mains during roadway projects allows Tucson Water to maintain system capacity while saving money on the cost of pavement removal and replacement.</p>	<p>Project ID: W111 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	6,739.1	6,739.1	4,506.8	934.9	264.7	4,173.5	16,619.0	17,500.0	34,119.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	1,072.3	3,774.2	4,323.8	0.0	9,170.3	0.0	9,170.3
Total	0.0	0.0	6,739.1	6,739.1	5,579.1	4,709.1	4,588.5	4,173.5	25,789.3	17,500.0	43,289.3

<p>Routine Main Replacements</p> <p>Description: Design and construct previously unidentified minor main replacements.</p> <p>Justification: These main replacements improve system reliability and service to customers.</p>	<p>Project ID: W252 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	454.9	0.0	337.0	337.0	279.0	294.3	286.8	298.1	1,495.2	1,250.0	3,200.1
Total	454.9	0.0	337.0	337.0	279.0	294.3	286.8	298.1	1,495.2	1,250.0	3,200.1

<p>Sahuarita Supply Line Slipliner</p> <p>Description: Design and install a high-density polyethylene pipe (HDPE) slip liner in the existing 30-inch and 36-inch concrete cylinder pipe (CCP) Sahuarita Supply Line from Lumber Street and Old Nogales Highway to Medina Road and Nogales Highway.</p> <p>Justification: This project will increase the capacity available from the Santa Cruz well field from 12 million gallons-per-day (mgd) to 22 mgd.</p>	<p>Project ID: W796 Start Date: 7/12 End Date: 6/15 Location: Ward 1</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	80.0	0.0	188.5	188.5	2,182.8	0.0	0.0	0.0	2,371.3	0.0	2,451.3
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	5,597.0	0.0	0.0	0.0	5,597.0	0.0	5,597.0
Total	80.0	0.0	188.5	188.5	7,779.8	0.0	0.0	0.0	7,968.3	0.0	8,048.3

San Paulo Village Main Replacement Phase I										Project ID: W850	
Description:										Start Date: 7/15	
Design and install 3,300 feet of 6-inch pipe in Sylvane and 28th Street. This project will relocate 47 water meters from alleys into streets. Design will begin in Fiscal Year 2016 and construction will be completed in Fiscal Year 2017.										End Date: 6/17	
Justification:										Location: Ward 4	
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	35.8	540.5	0.0	576.3	0.0	576.3
Total	0.0	0.0	0.0	0.0	0.0	35.8	540.5	0.0	576.3	0.0	576.3

San Paulo Village Main Replacement Phase II										Project ID: W041	
Description:										Start Date: 7/14	
Design and install 4,500 feet of 6-inch pipe in Sahuara and 28th Street. This project will relocate 337 water meters from alleys into streets and replace 19 fire hydrants. Design will begin in Fiscal Year 2015 and construction will be completed in Fiscal Year 2016.										End Date: 6/16	
Justification:										Location: Ward 4	
This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	290.1	3,000.9	0.0	0.0	3,291.0	0.0	3,291.0
Total	0.0	0.0	0.0	0.0	290.1	3,000.9	0.0	0.0	3,291.0	0.0	3,291.0

<p>Santa Cruz SC-008 Well Collector Line</p> <p>Description: Design and install 3,500 feet of 12-inch HDPE from existing Well SC-008 to existing 30-inch transmission main.</p> <p>Justification: This will increase flow from the Santa Cruz Wellfield from 10 mgd to 20 mgd.</p>	<p>Project ID: W039 Start Date: 7/13 End Date: 6/15 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	22.2	22.2	307.8	0.0	0.0	0.0	330.0	0.0	330.0
Total	0.0	0.0	22.2	22.2	307.8	0.0	0.0	0.0	330.0	0.0	330.0

<p>Santa Cruz Wellfield Chemical Feed/Monitoring Facility</p> <p>Description: This project consists of a land acquisition and design and construction of a Chemical Feed and Water Quality Monitoring Facility to provide pH adjustment, disinfection, and water quality monitoring through Supervisory Control and Data Acquisition (SCADA). Construction will be completed in Fiscal Year 2015.</p> <p>Justification: This facility will ensure that pH adjustment, disinfection, and water quality monitoring will be performed in an integrated way in providing water to approximately 50,000 customers.</p>	<p>Project ID: W759 Start Date: 7/09 End Date: 6/15 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	1,200.2	350.0	1,944.0	2,294.0	3,358.2	0.0	0.0	0.0	5,652.2	0.0	6,852.4
Tucson Water Operating Funds	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
Total	1,205.8	350.0	1,944.0	2,294.0	3,358.2	0.0	0.0	0.0	5,652.2	0.0	6,858.0

Santa Cruz Wells Re-Equipping

Description:
Design and construct well equipping of four existing production wells in the Santa Cruz Well Field. Due to the higher groundwater elevations, this well field provides the most cost-effective access to our renewable water resource.

Justification:
By returning these wells to service, the production of this well field can be increased to approximately 20 mgd.

Project ID: W857
Start Date: 7/13
End Date: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	85.4	85.4	1,343.3	0.0	0.0	0.0	1,428.7	0.0	1,428.7
Total	0.0	0.0	85.4	85.4	1,343.3	0.0	0.0	0.0	1,428.7	0.0	1,428.7

Santa Rita Ranch/Houghton Road 12" Main

Description:
Design and install approximately 3,800 feet of 12-inch pipe on Houghton Road between Tallahassee Road and Forrest Freezor Street with a connection to the existing 8-inch pipeline at Vista Monte Drive. Design began in Fiscal Year 2011 and construction will be completed in Fiscal Year 2014.

Justification:
The new pipeline will connect two existing 12-inch mains providing increased reliability between the South Houghton Booster Station, the Santa Rita Booster Station and the Sycamore Canyon Reservoir.

Project ID: W768
Start Date: 7/10
End Date: 6/14
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	126.7	450.0	48.9	498.9	0.0	0.0	0.0	0.0	498.9	0.0	625.6
Total	126.7	450.0	48.9	498.9	0.0	0.0	0.0	0.0	498.9	0.0	625.6

SAVSARP Collector Lines Phase II										Project ID: W781	
Description: Design and install approximately 3,710 feet of 16-inch pipe, 2,000 feet of 36-inch pipe including appurtenances.										Start Date: 7/12	
Justification: This will provide collector lines to convey water from wells SA-003A, SA-010A, SA-017A, SA-018A, SA-020A, to the SAVSARP reservoir.										End Date: 6/15	
										Location: County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	29.5	0.0	0.0	0.0	1,213.4	0.0	0.0	0.0	1,213.4	0.0	1,242.9
Total	29.5	0.0	0.0	0.0	1,213.4	0.0	0.0	0.0	1,213.4	0.0	1,242.9

SAVSARP Collector Lines Phase III										Project ID: W710	
Description: Design and install approximately 300 feet of 16-inch pipe and 9,000 feet of 36-inch pipe including appurtenances. Design will begin in Fiscal Year 2016 followed by construction in Fiscal Year 2017. This schedule will match the drilling and equipping schedule of the SAVSARP recovery wells.										Start Date: 7/15	
Justification: This will provide collector lines to convey water from wells SA-002A, SA-004A, SA-005A, and SA-007A, to the SAVSARP reservoir.										End Date: 6/17	
										Location: County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	35.0	1,722.4	0.0	1,757.4	0.0	1,757.4
Total	0.0	0.0	0.0	0.0	0.0	35.0	1,722.4	0.0	1,757.4	0.0	1,757.4

SCADA Potable Upgrades

Description:
 The Supervisory Control and Data Acquisition (SCADA) communication infrastructure has become obsolete and needs to be updated. This project will provide for the installation of field instrumentation, controllers, and communications equipment necessary to communicate water system flows, levels, and pressures to system operators.

Justification:
 The existing Master Station hardware and software will be replaced with improved technology. The budget includes construction of a new control center in an existing Tucson Water facility which will allow control operations of the water system from a central location.

Project ID: W782
Start Date: 7/12
End Date: 6/17
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	180.0	0.0	6,042.7	6,042.7	8,107.9	3,727.0	2,947.1	0.0	20,824.7	0.0	21,004.7
Total	180.0	0.0	6,042.7	6,042.7	8,107.9	3,727.0	2,947.1	0.0	20,824.7	0.0	21,004.7

SCADA Reclaimed

Description:
 The Supervisory Control and Data Acquisition (SCADA) communication infrastructure has become obsolete and needs to be upgraded. This project will provide for the installation of field instrumentation, controllers, and communications equipment necessary to communicate reclaimed water system flows, levels, and pressures to the system operators. The existing Master Station hardware and software will be replaced with improved technology.

Justification:
 This project will allow the utility to control operations of the reclaimed water system from a central location, thereby ensuring operational efficiency.

Project ID: W783
Start Date: 7/12
End Date: 6/17
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	293.0	0.0	856.6	856.5	1,164.2	306.7	278.8	0.0	2,606.2	0.0	2,899.2
Total	293.0	0.0	856.5	856.5	1,164.2	306.7	278.8	0.0	2,606.2	0.0	2,899.2

<p>Source Meter Replacement</p> <p>Description: Install new magnetic meters at the wellheads to improve the accounting of how much potable water is produced.</p> <p>Justification: This project will assist in determining the amount of real losses versus apparent losses of water, and improve compliance with water loss regulations.</p>	<p>Project ID: W715 Start Date: Annual End Date: Annual Location: Citywide</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	297.7	297.7	209.3	288.2	251.1	0.0	1,046.3	0.0	1,046.3
Total	0.0	0.0	297.7	297.7	209.3	288.2	251.1	0.0	1,046.3	0.0	1,046.3

<p>South Avra Valley Recovered Transmission Main</p> <p>Description: Design and install approximately 48,000 feet of 64-inch transmission main in South Avra Valley. A required easement will be acquired in Fiscal Years 2017-2019. Construction will begin in Fiscal Year 2020 and be completed in Fiscal Year 2022.</p> <p>Justification: The pipeline will convey approximately 72,000 acre-feet of recovered, recharged Colorado River water from the SAVSARP basins to the new Hayden-Udall Prime Reservoir and Booster (W795). This project increases reliability and redundancy for the Clearwater water supply.</p>	<p>Project ID: W444 Start Date: 7/07 End Date: 6/22 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	126.8	0.0	0.0	0.0	0.0	0.0	126.1	1,598.5	1,724.6	39,290.0	41,141.4
Tucson Water Operating Funds	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total	127.3	0.0	0.0	0.0	0.0	0.0	126.1	1,598.5	1,724.6	39,290.0	41,141.9

Southeast Houghton Area Recharge Project (SHARP)

Description:
Tucson Water and Pima County are engaged in a jointly funded reclaimed water recharge project in the southeast Houghton Road area. Preliminary investigations began in Fiscal Year 2011, construction of the facility is scheduled for Fiscal Year 2016 and Fiscal Year 2017.

Justification:
The project is planned to provide the capability to recharge reclaimed water that would ordinarily be discharged into the Santa Cruz River, resulting in beneficial use of this water within the metropolitan area.

Project ID: W797
Start Date: 7/10
End Date: 6/17
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	415.1	0.0	279.8	279.8	839.6	3,010.6	2,389.6	0.0	6,519.6	0.0	6,934.7
Tucson Water Operating Funds	3.7	0.0	0.0	0.0	0.0	0.0	2,212.5	0.0	2,212.5	0.0	2,216.2
Total	418.8	0.0	279.8	279.8	839.6	3,010.6	4,602.1	0.0	8,732.1	0.0	9,150.9

System Enhancements: Reclaimed

Description:
Design and construct reclaimed water mains during city, county, state, and other agency road improvement projects, including Regional Transportation Authority funded projects. Intergovernmental agreements determine the City of Tucson cost allocated for each project.

Justification:
This project will increase system capacity while reducing the cost of pavement removal and replacement by coordinating construction with the roadway projects.

Project ID: W645
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	279.7	279.7	275.5	289.3	283.6	294.3	1,422.4	1,250.0	2,672.4
Total	0.0	0.0	279.7	279.7	275.5	289.3	283.6	294.3	1,422.4	1,250.0	2,672.4

<p>Tanque Verde to Wentworth 8-inch Main</p> <p>Description: Design and install an 8-inch main on Reddington Road from Wentworth to Camino La Cebadilla.</p> <p>Justification: This 8-inch main will improve water distribution and fire flow capacity in the water service area.</p>	<p>Project ID: W040 Start Date: 7/16 End Date: 6/18 Location: County</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	26.5	252.0	278.5	0.0	278.5
Total	0.0	0.0	0.0	0.0	0.0	0.0	26.5	252.0	278.5	0.0	278.5

<p>Upgrade Corrosion Test Stations</p> <p>Description: Upgrade and replace substandard transmission main corrosion test stations and rectifiers.</p> <p>Justification: These upgrades will enhance the reliability of Tucson Water's Corrosion Monitoring Program, providing a means to better monitor, predict, and prevent pipeline failures.</p>	<p>Project ID: W327 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	55.5	55.5	56.1	58.8	57.5	60.0	287.9	250.0	537.9
Total	0.0	0.0	55.5	55.5	56.1	58.8	57.5	60.0	287.9	250.0	537.9

<p>Water Services</p> <p>Description: Install new metered potable water services upon customer request and payment of connection fees. These services include minor main connections, extensions, and meters to new services.</p> <p>Justification: This project is required to provide for the installation of new metered services to customers upon request.</p>	<p>Project ID: W114 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Operating Funds	0.0	0.0	1,510.0	1,510.0	1,510.0	1,540.0	1,570.0	1,601.0	7,731.0	7,550.0	15,281.0
Total	0.0	0.0	1,510.0	1,510.0	1,510.0	1,540.0	1,570.0	1,601.0	7,731.0	7,550.0	15,281.0

<p>Water System Acquisitions</p> <p>Description: Acquire water systems with assets in compliance with Tucson Water acquisition standards.</p> <p>Justification: Acquisitions will provide a more secure water supply for existing and new customers.</p>	<p>Project ID: W520 Start Date: 7/09 End Date: 6/15 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	79.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.2
Tucson Water Operating Funds	123.9	0.0	67.4	67.4	66.9	0.0	0.0	0.0	134.3	0.0	258.2
Total	203.1	0.0	67.4	67.4	66.9	0.0	0.0	0.0	134.3	0.0	337.4

Wellfield Upgrades

Description:
Upgrade pumps and motors at production wells.

Justification:
To maximize efficiency and production capacity, and minimize repair and maintenance costs.

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

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	1,139.1	1,139.1	1,119.4	1,180.6	1,150.5	1,197.4	5,787.0	5,000.0	10,787.0
Total	0.0	0.0	1,139.1	1,139.1	1,119.4	1,180.6	1,150.5	1,197.4	5,787.0	5,000.0	10,787.0

Wetlands Outflow Modifications

Description:
Modifications to the outflow piping at the wetlands are necessary to improve recharge efficiency. The current outflow piping is not optimal, promoting algae growth, which is hindering recharge efforts.

Justification:
This project will provide for the installation of an open top vault around the existing outflow piping, and the installation of two motor operated valves.

Project ID: W841
Start Date: 7/13
End Date: 6/15
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	82.1	82.1	335.8	0.0	0.0	0.0	417.9	0.0	417.9
Total	0.0	0.0	82.1	82.1	335.8	0.0	0.0	0.0	417.9	0.0	417.9

Wilmot Main Replacement

Project ID: W861
Start Date: 7/14
End Date: 6/16
Location: Ward 4

Description:

Design and install approximately 4,700 feet of 12-inch pipe in Wilmot, 22nd Street to Golf Links Road. This project will replace 14 existing fire hydrants. Design will begin in Fiscal Year 2015 and construction will be completed in Fiscal Year 2016.

Justification:

This area has been identified as having an above average amount of main breaks records from Tucson Water's Customer Service and Maintenance Divisions. Much of the pipe in this neighborhood was installed in the 1950s and 1960s and has reached the end of its useful life.

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	55.8	884.1	0.0	0.0	939.9	0.0	939.9
Total	0.0	0.0	0.0	0.0	55.8	884.1	0.0	0.0	939.9	0.0	939.9

Non-Departmental



**Capital Improvement Program
Department Statement**

FY 2014 through FY 2018

Department: Non-Departmental – General Expense

Five-Year Total: \$1,000,000

The General Expense five-year Capital Improvement Program of \$1.0 million has one project: Conversion of the City's multiple enterprise-related computer system to a single Enterprise Resource Planning (ERP) system.

Non-Departmental: General Expense

(\$000)

Tucson Advantage ERP Software										Project ID: N116 Start Date: 11/10 End Date: 6/15 Location: Citywide	
Description: Convert the City's multiple enterprise related business computer system to a single Enterprise Resource Planning (ERP) system supported by a single vendor that will provide an integrated system with the administrative functions of Finance, Budget, Payroll, and Human Resources.											
Justification: The City's Payroll/Human Resources software application is twenty years old and is running on an unsupported IBM mainframe. The ability to timely and accurately process payroll would not be possible in the event of a system failure. Upgrading this system is considered a critical need for the City.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2014			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018			
Certificates of Participation	4,500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,500.0
General Fund	1,400.0	0.0	1,000.0	1,000.0	1,000.0	0.0	0.0	0.0	1,000.0	0.0	2,400.0
Total	5,900.0	0.0	1,000.0	1,000.0	1,000.0	0.0	0.0	0.0	1,000.0	0.0	6,900.0



tucsonaz.gov/budget

