

CITY OF TUCSON, ARIZONA



APPROVED FIVE-YEAR
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2015-2019

Approved Five-Year Capital Improvement Program
Fiscal Years 2015 through 2019
Effective July 1, 2014

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-16
Department Summary Budgets.....	A-17

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-13
Transportation.....	B-20
Tucson Fire.....	B-50
Tucson Water	B-52
Non-Departmental	B-110

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 2015-2019) 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 proposed CIP totals \$1.0 billion; \$212.4 million is budgeted in the first year of the CIP and is a component of the Fiscal Year 2015 Adopted Budget. Notable projects include the following:

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 \$9.6 million with \$3.2 million budgeted in Fiscal Year 2015. The project is funded by public safety impact fees, Pima County bonds, and miscellaneous federal grants.

Compressed Natural Gas (CNG) Plant. Replace the existing aged CNG Plant with a new plant that has the equipment necessary to meet industry vehicle fueling standards and provide for backup emergency generator power to sustain plant operations in the event of a power outage. The project, when complete, will better serve both Sun Tran and Environmental Services' planned expansion of the CNG Fleet. Completion of the full plant upgrade is contingent upon securing additional funding sources. Total project costs are estimated to be \$13.4 million with \$.6 million budgeted in Fiscal Year 2015. The project is funded with certificates of participation, Environmental Services user revenues, and Federal Grants.

Hayden-Udall Prime Reservoir and Booster Upgrade. 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 (SHPS) 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. Total project costs are estimated to be \$16.8 million with \$0.9 million budgeted in Fiscal Year 2015. The project is funded from Tucson Water User Revenues and Water Obligation and Bonds.

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 2015 (\$1.0 million is for the cost of bond issuance).

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

Tenth Avenue Maintenance Facility. Design and construct improvements at the Environmental Services Container Maintenance Facility located at South Tenth Avenue. Improvements include demolition, earthwork, infrastructure, drainage, and installation of a new building. Project design began October 2013. The construction phase is scheduled Fiscal Year 2016 through Fiscal Year 2018. 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. Total project costs are estimated to be \$3.9 million with \$0.2 million budgeted in Fiscal Year 2015. The project is funded from the Environmental Services Fund.

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 December 2013, the CIP process began with the Office of Budget and Internal Audit providing direction and guidelines to department liaisons for the upcoming CIP. Departments were given approximately five weeks to develop their CIP requests based on their assessment of needs, citizen committee input, and existing bond authorizations and grant awards. Departments were directed to include only projects with secured funding. Exceptions were made for annual federal grant appropriations from the Federal Transit Administration, other pending awards that would require budget capacity (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 23, 2014, along with the Recommended Fiscal Year 2015 budget. The first year of the CIP is 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 2015 budget on June 3rd.

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 proposed Five-Year CIP for Fiscal Years 2015 through 2019 totals \$1.0 billion. The majority of the projects are in the Public Utilities category, which includes Environmental Services and Tucson Water.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

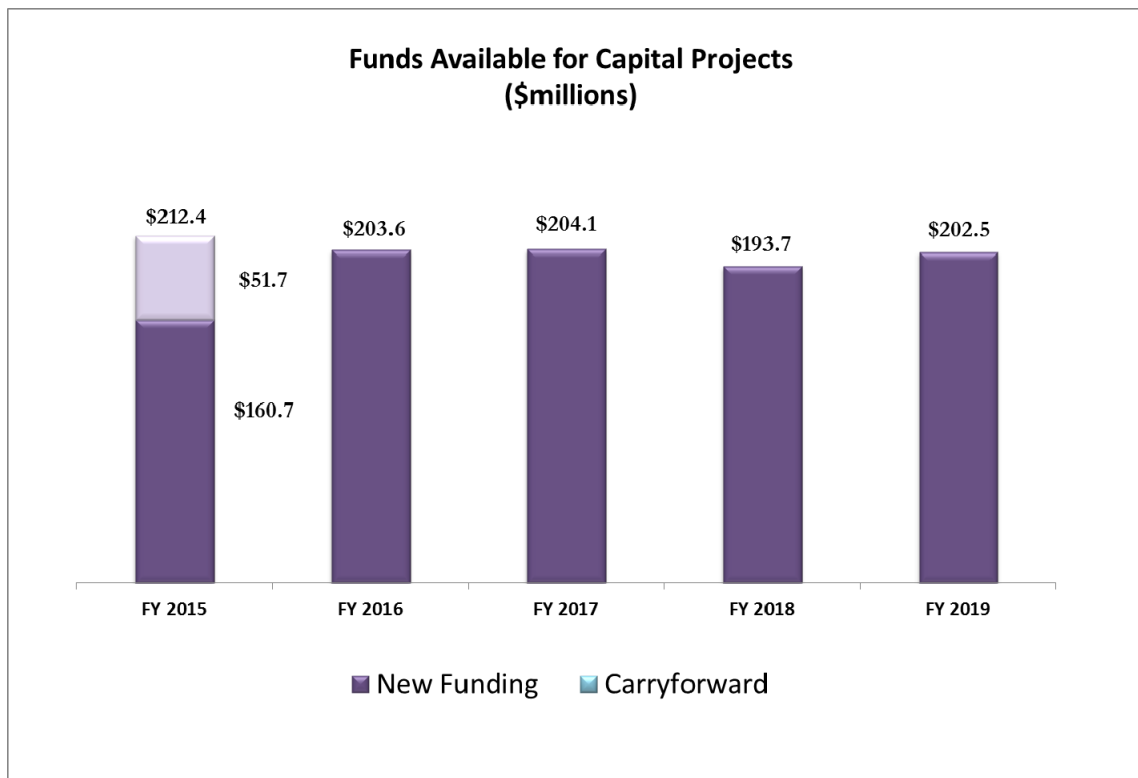
Five-Year CIP Summary of Expenditures

(in \$000s)	Adopted Year 1 FY 2015	Proposed Five- Year Program
Community Enrichment and Development	\$ 121,015.5	\$ 660,217.7
Public Safety and Justice Services	4,165.5	6,965.5
Public Utilities	85,748.0	335,114.0
Support Services	568.8	13,051.6
Non-Departmental: General Expense	900.0	900.0
Total	\$ 212,397.8	\$ 1,016,248.8

This five-year CIP is \$207.5 million more than the \$808.8 million approved five-year CIP for Fiscal Years 2014 through 2018. The increase is primarily due to projects funded by the RTA in the outlying years.

Fiscal Year 2015 includes \$51.7 million carried forward for project expenditures not made as planned during Fiscal Year 2014 and \$160.7 million in new funding. The CIP presumes that all of the Fiscal Year 2015 budget will be spent in that year.

CIP expenditures decrease slightly after Fiscal Year 2015 from \$212.4 million in Fiscal Year 2015 to \$202.5 million by Fiscal Year 2019.



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 \$1.0 billion is funded primarily from Capital Projects Funds.

Five-Year CIP Summary of Funding Sources

(in \$000s)	Adopted Year 1 FY 2015	Proposed Five- Year Program
Capital Projects Funds	\$ 82,755.9	\$ 571,163.0
Enterprise Funds	86,043.8	340,787.5
General Fund	900.0	900.0
Special Revenue Funds	42,698.1	103,398.3
Total	\$ 212,397.8	\$ 1,016,248.8

Capital Projects Funds. This category, which includes the City bond funds, is 56% of the five-year CIP. These funds will provide \$571.2 million over the next five years. RTA funds of \$379.1 million account for the largest portion of this category. Next are 2014 General Obligation Street Bonds of \$79.1 million. Pima County bonds will provide \$39.1 million. Capacity of \$38.9 million was added for road and regional park improvements along with \$11.4 million from regional Highway User Revenue Funds (HURF) distributed by the Pima Association of Governments (PAG). Certificates of Participation (COPs) account for \$20.4 million and also included is \$3.2 million in Public Safety impact fees.

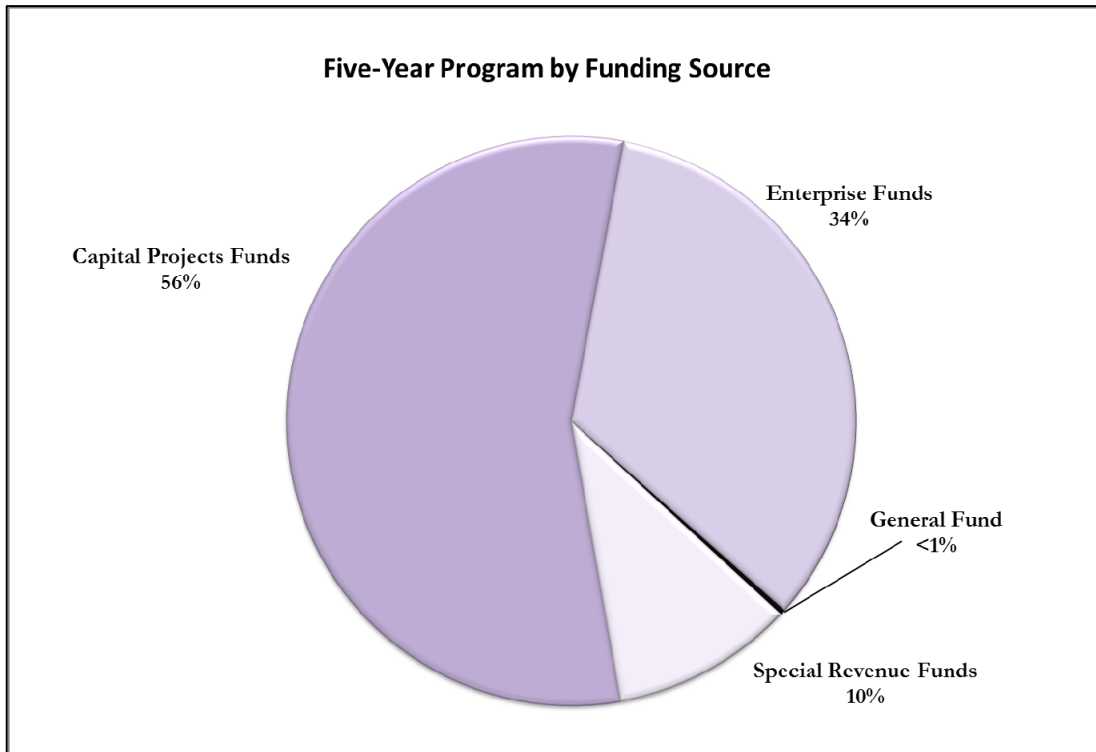
Enterprise Funds. Enterprise Funds total \$340.8 million or 34% of the five-year CIP. Environmental Services totals \$23.4 million. Tucson Water accounts for the remaining \$317.4 million: \$126.1 million from user revenues, \$50.5 million from Water's Obligation funds, and \$140.8 from future Water Revenue Bonds.

General Fund. This category totals \$0.9 million or less than 1% of the five-year CIP and is funding citywide technology improvements.

Special Revenue Funds. This category totals \$103.4 million or 10% of the five-year CIP. Included in this category are federal grants of \$93.0 million. The General Fund provides \$9.7 million for Mass Transit. The remaining \$0.7 million comes from 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, and Non-Departmental. For a further listing of the projects by departments see pages E-17 through E-31.

Community Enrichment and Development

The Community Enrichment and Development category, which accounts for 65% 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 \$0.9 million consists of three projects. Funding is provided by the Community Development Block Grant Fund.

Parks and Recreation. Parks' five-year CIP of \$4.7 million contains 12 projects. These projects are funded primarily from revenue from impact fees of \$4.4 million. Civic contributions and Pima County bonds provide for the remaining \$0.3 million. These funds provide for a wide range of projects: improvements at regional parks, urban greenway improvements, and amenities at neighborhood parks.

Transportation. The five-year Transportation program of \$654.6 million includes three program areas: Public Transit for \$76.9 million, Streets for \$575.3 million, and Traffic Signals for \$2.4 million. Because there are insufficient funds to meet all of Transportation's needs, this CIP allocates available funding to the highest priority projects.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

The largest funding source for Transportation's projects is the funding from the RTA plan which totals \$379.1 million. General Obligation Street Bonds total \$79.1 million. Federal funding provides another significant portion totaling \$88.1 million: \$53.2 million for transit projects and \$34.9 million for street projects. Other funding sources are Pima County bond funds of \$39.1 million, certificates of participation of \$13.0 million, regional HURF from PAG of \$2.9 million, city HURF of \$0.5 million, Capital Agreement funds of \$8.6 million, and impact fee revenues of \$34.5 million. The remaining \$9.7 million is from the General Fund for Mass Transit, which is used as the local match for federal transit grants.

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 \$3.2 million consists of one project, the Communications Center expansion. This project is funded with revenue from public safety impact fees in the amount of \$3.2 million.

Public Utilities

The Public Utilities category, which accounts for 33% 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 \$17.7 million. Environmental Services' CIP is funded from Environmental Service revenues.

Tucson Water. The five-year Tucson Water CIP of \$317.4 million includes \$286.9 million of improvements to the potable water system and \$30.5 million of improvements for the reclaimed water system. Tucson Water's CIP is funded with future water revenue bond authorization of \$140.8 million, operation funds of \$126.1 million, 2013 Revenue Obligation funds of \$8.7 million, and 2014 Revenue Obligation funds of \$41.8 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 \$13.1 million consists of one project, Compressed Natural Gas (CNG) fueling upgrade. General Services' CIP is funded with certificates of participation in the Capital Improvement Fund, Environmental Services Funds, and Federal Grant Funds.

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.

OVERVIEW of the CAPITAL IMPROVEMENT PROGRAM

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 \$0.4 million for Fiscal Year 2015, increasing to \$0.5 million for Fiscal Year 2019. The General Fund O&M impacts in Fiscal Year 2015 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.

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-16).

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

Table I. Summary by Department
(\$000)

	Adopted Year 1 FY 2015	Year 2 FY 2016	Projected Requirements			Year 5 FY 2019	Five Year Total
			Year 3 FY 2017	Year 4 FY 2018			
Community Enrichment and Development							
Housing and Community Development	\$ 415.5	\$ 315.5	\$ 180.0	\$ -0-	\$ -0-		\$ 911.0
Parks and Recreation	2,023.4	1,882.9	714.4	71.4	50.0		4,742.1
Transportation	118,576.6	127,097.7	124,335.3	133,630.8	150,924.2		654,564.6
Subtotal	\$ 121,015.5	\$ 129,296.1	\$ 125,229.7	\$ 133,702.2	\$ 150,974.2		\$ 660,217.7
Public Safety and Justice Services							
City Court	\$ 1,000.0	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-		\$ 3,800.0
Tucson Fire	3,165.5	-0-	-0-	-0-	-0-		3,165.5
Subtotal	\$ 4,165.5	\$ 2,400.0	\$ 400.0	\$ -0-	\$ -0-		\$ 6,965.5
Public Utilities							
Environmental Services	\$ 9,459.0	\$ 512.0	\$ 7,104.0	\$ 660.0	\$ -0-		\$ 17,735.0
Tucson Water	76,289.0	58,966.0	71,309.0	59,311.0	51,504.0		317,379.0
Subtotal	\$ 85,748.0	\$ 59,478.0	\$ 78,413.0	\$ 59,971.0	\$ 51,504.0		\$ 335,114.0
Support Services							
General Services	\$ 568.8	\$ 12,413.1	\$ 69.7	\$ -0-	\$ -0-		\$ 13,051.6
Subtotal	\$ 568.8	\$ 12,413.1	\$ 69.7	\$ -0-	\$ -0-		\$ 13,051.6
Non-Departmental							
General Expense	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-		\$ 900.0
Subtotal	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-		\$ 900.0
Total	\$ 212,397.8	\$ 203,587.2	\$ 204,112.4	\$ 193,673.2	\$ 202,478.2		\$ 1,016,248.8

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

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

	Adopted Year 1 FY 2015	Year 2 FY 2016	Projected Requirements			Five Year Total
			Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
Capital Projects Funds						
2013 General Obligation Street Bonds	\$ 19,780.0	\$ 19,780.0	\$ 19,780.0	\$ 19,780.0	\$ -0-	\$ 79,120.0
Capital Agreement Fund: PAG	2,554.1	350.0	8,540.0	-0-	-0-	11,444.1
Capital Agreement Fund: Pima County Bonds	416.2	16,630.0	22,000.0	-0-	-0-	39,046.2
Capital Improvement Fund	14,100.0	5,812.9	469.7	-0-	-0-	20,382.6
Impact Fee Fund: Central District	1,098.4	1,932.8	3,813.5	3,000.0	6,052.9	15,897.6
Impact Fee Fund: East District	1,392.9	1,269.3	2,357.2	1,500.0	-0-	6,519.4
Impact Fee Fund: Southeast District	1,726.5	149.1	-0-	5,000.0	-0-	6,875.6
Impact Fee Fund: Southlands District	103.3	803.6	664.4	21.4	-0-	1,592.7
Impact Fee Fund: West District	21.0	3,335.3	3,300.0	200.0	1,200.0	8,056.3
Public Safety Impact Fee Fund	3,165.5	-0-	-0-	-0-	-0-	3,165.5
Regional Transportation Authority Fund	38,398.0	62,692.5	56,737.6	100,663.5	120,571.4	379,063.0
Subtotal	\$ 82,755.9	\$ 112,755.5	\$ 117,662.4	\$ 130,164.9	\$ 127,824.3	\$ 571,163.0
Enterprise Funds						
2013 Water Revenue System Obligation Fund	\$ 8,700.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 8,700.0
2014 Water Revenue System Obligation Fund	41,809.0	-0-	-0-	-0-	-0-	41,809.0
Environmental Services Fund	9,754.8	5,889.7	7,104.0	660.0	-0-	23,408.5
Future Water Revenue Bonds	-0-	35,352.0	43,005.0	39,222.0	23,189.0	140,768.0
Tucson Water Revenue and Operations Fund	25,780.0	23,614.0	28,304.0	20,089.0	28,315.0	126,102.0
Subtotal	\$ 86,043.8	\$ 64,855.7	\$ 78,413.0	\$ 59,971.0	\$ 51,504.0	\$ 340,787.5
General Fund	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 900.0
Subtotal	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 900.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

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

	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
Special Revenue Funds						
Civic Contributions Fund	\$ 50.0	\$ 50.0	\$ 50.0	\$ 50.0	\$ 50.0	\$ 250.0
Community Development Block Grant Fund	415.5	315.5	180.0	-0-	-0-	911.0
Federal Highway Administration Grants	20,317.8	6,454.0	5,155.0	-0-	3,000.0	34,926.8
Highway User Revenue Fund	260.3	169.0	40.5	25.0	5.0	499.8
Mass Transit Fund: General Fund	2,520.0	2,678.1	390.0	466.6	3,677.7	9,732.4
Mass Transit Fund: Federal Grants	19,134.5	16,309.4	2,221.5	2,995.7	16,417.2	57,078.3
Subtotal	\$ 42,698.1	\$ 25,976.0	\$ 8,037.0	\$ 3,537.3	\$ 23,149.9	\$ 103,398.3
Total	\$212,397.8	\$203,587.2	\$204,112.4	\$193,673.2	\$202,478.2	\$ 1,016,248.8

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 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
SERVICE AREA/IMPACT						
Community Enrichment and Development						
Parks and Recreation	\$ 22.5	\$ 35.0	\$ 35.7	\$ 36.5	\$ 36.5	\$ 166.2
Transportation	212.0	274.0	282.5	315.5	315.5	1,399.5
Subtotal	\$ 234.5	\$ 309.0	\$ 318.2	\$ 352.0	\$ 352.0	\$ 1,565.7
Public Safety and Justice Services						
Tucson Fire	\$ 173.1	\$ 176.4	\$ 179.9	\$ 183.5	\$ 187.3	\$ 900.2
Subtotal	\$ 173.1	\$ 176.4	\$ 179.9	\$ 183.5	\$ 187.3	\$ 900.2
Total	\$ 407.6	\$ 485.4	\$ 498.1	\$ 535.5	\$ 539.3	\$ 2,465.9
SOURCE OF FUNDS SUMMARY						
General Fund	\$ 195.6	\$ 211.4	\$ 215.6	\$ 220.0	\$ 223.8	\$ 1,066.4
Subtotal	\$ 195.6	\$ 211.4	\$ 215.6	\$ 220.0	\$ 223.8	\$ 1,066.4
Special Revenue Funds						
Highway User Revenue Fund	\$ 182.0	\$ 244.0	\$ 252.5	\$ 265.5	\$ 265.5	\$ 1,209.5
Mass Transit Fund	-0-	-0-	-0-	20.0	20.0	40.0
RTA Fund	30.0	30.0	30.0	30.0	30.0	150.0
Subtotal	\$ 212.0	\$ 274.0	\$ 282.5	\$ 315.5	\$ 315.5	\$ 1,399.5
Total	\$ 407.6	\$ 485.4	\$ 498.1	\$ 535.5	\$ 539.3	\$ 2,465.9

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

**Table III. Parks and Recreation: CIP Impact on the Operating Budget
(\$000)**

The impact of this five-year CIP on future operating budgets is estimated to be \$22,500 in Fiscal Year 2015, increasing to \$36,500 by Fiscal Year 2019 for a five-year total of \$166,200. 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.

Project Name	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Five Year Total
Arroyo Chico Urban Path: Campbell/Parkway	\$ 22.5	\$ 22.9	\$ 23.4	\$ 23.9	\$ 23.9	\$ 116.6
South Central Community Park, Phase I	-0-	12.1	12.3	12.6	12.6	49.6
Total	\$ 22.5	\$ 35.0	\$ 35.7	\$ 36.5	\$ 36.5	\$ 166.2

Source of Funds Summary

General Fund	\$ 22.5	\$ 35.0	\$ 35.7	\$ 36.5	\$ 36.5	\$ 166.2
--------------	---------	---------	---------	---------	---------	----------

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

Table III. Transportation: CIP Impact on the Operating Budget (\$000)

The impact of this five-year CIP on future operating budgets (O&M) is estimated to be \$1.4 million over the five year period, with the majority of costs attributed to state shared HURF revenues. RTA revenues and Federal Transit Administrative grants are also expected to fund O&M costs. 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.

Project Name	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Five Year Total
22nd Street: I-10 to Tucson Boulevard	\$ -0-	\$ 10.0	\$ 10.0	\$ 10.0	\$ 10.0	\$ 40.0
Barraza-Aviation Downtown Links, Phase I	-0-	10.0	10.0	10.0	10.0	40.0
Campbell Avenue Revitalization	-0-	5.0	5.0	5.0	5.0	20.0
CNG Fueling System	-0-	-0-	-0-	20.0	20.0	40.0
Columbus Corridor Pedestrian Path	-0-	0.5	0.5	0.5	0.5	2.0
Communication System Improvements	60.0	60.0	60.0	60.0	60.0	300.0
Copper Street Bike Boulevard	-0-	-0-	0.5	-0-	-0-	0.5
Fifth Street Bike Boulevard	-0-	-0-	0.5	-0-	-0-	0.5
Five Points Transportation Enhancement	-0-	-0-	5.0	10.0	10.0	25.0
Gila Panther Tracks Safe Routes to School	-0-	-0-	0.5	0.5	0.5	1.5
Glenn Street Transportation Enhancement	-0-	1.0	1.0	1.0	1.0	4.0
Grant: Oracle to Stone	10.0	10.0	10.0	10.0	10.0	50.0
Houghton Road: Broadway Intersection Improvements	-0-	5.0	5.0	5.0	5.0	20.0
Houghton Road: Irvington to Valencia	-0-	20.0	20.0	20.0	20.0	80.0
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	1.0	1.0	1.0	1.0	1.0	5.0
Liberty Avenue Bicycle Boulevard	-0-	-0-	0.5	0.5	0.5	1.5
Park and Ride Lot - Houghton	30.0	30.0	30.0	30.0	30.0	150.0
Park Avenue Transportation Enhancement	-0-	0.5	0.5	0.5	0.5	2.0
Pima Street Pedestrian Pathway Enhancements	-0-	1.0	1.0	1.0	1.0	4.0
Regional Transportation Authority Hawks	-0-	4.0	4.0	4.0	4.0	16.0
Regional Transportation Data Network	100.0	100.0	100.0	100.0	100.0	500.0
Rio Vista Safe Routes to School	-0-	-0-	0.5	0.5	0.5	1.5
Robison Safe Routes to School	-0-	-0-	0.5	0.5	0.5	1.5
Speedway and Sixth Avenue Signal Upgrades	1.0	1.0	1.0	1.0	1.0	5.0
Speedway: Camino Seco to Houghton	7.5	7.5	7.5	7.5	7.5	37.5

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

**Table III. Transportation: CIP Impact on the Operating Budget
(\$000)**

Project Name	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Five Year Total
Stone Ave: Drachman and Speedway Improvements	\$ -0-	\$ 5.0	\$ 5.0	\$ 5.0	\$ 5.0	\$ 20.0
Treat Avenue Bike Boulevard	-0-	-0-	0.5	-0-	-0-	0.5
Tucson Boulevard Multi-use Path	0.5	0.5	0.5	10.0	10.0	21.5
Total	\$ 212.0	\$ 274.0	\$ 282.5	\$ 315.5	\$ 315.5	\$ 1,399.5

Source of Funds Summary

Highway User Revenue Fund	\$ 182.0	\$ 244.0	\$ 252.5	\$ 265.5	\$ 265.5	\$ 1,209.5
Mass Transit Fund	-0-	-0-	-0-	20.0	20.0	40.0
Regional Transportation Authority Fund	30.0	30.0	30.0	30.0	30.0	150.0
Total	\$ 212.0	\$ 274.0	\$ 282.5	\$ 315.5	\$ 315.5	\$ 1,399.5

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

Table III. Tucson Fire: CIP Impact on the Operating Budget (\$000)

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

Project Name	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Five Year Total
Park Ajo Communications Center Renovation	\$ 173.1	\$ 176.4	\$ 179.9	\$ 183.5	\$ 187.3	\$ 900.2

Source of Funds Summary

General Fund	\$	173.1	\$	176.4	\$	179.9	\$	183.5	\$	187.3	\$	900.2
--------------	----	-------	----	-------	----	-------	----	-------	----	-------	----	-------

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

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

	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
Transportation						
22nd Street: I-10 to Tucson Boulevard	\$ -0-	\$ -0-	\$ 9,000.0	\$ -0-	\$ -0-	\$ 9,000.0
Broadway Boulevard: Euclid to Country Club	-0-	12,000.0	13,000.0	-0-	-0-	25,000.0
Five Points Transportation Enhancement	416.2	-0-	-0-	-0-	-0-	416.2
Houghton Road: Bridge Replacement	-0-	3,380.0	-0-	-0-	-0-	3,380.0
Houghton Road: Union Pacific Railroad to I-10	-0-	1,250.0	-0-	-0-	-0-	1,250.0
Total	\$ 416.2	\$ 16,630.0	\$ 22,000.0	\$ -0-	\$ -0-	\$ 39,046.2

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
CITY COURT
(\$000)

	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	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 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
Los Reales Landfill Administration Building	\$ 1,260.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,260.0
Los Reales Landfill East Property Acquisition	2,900.0	-0-	-0-	-0-	-0-	2,900.0
Los Reales Landfill Entrance Facilities	3,229.0	-0-	-0-	-0-	-0-	3,229.0
Los Reales Landfill Infrastructure Plan	344.0	-0-	-0-	-0-	-0-	344.0
Los Reales Landfill Self Hauler Facility	-0-	300.0	4,500.0	-0-	-0-	4,800.0
Los Reales Landfill Truck Wash and Scale Facility	1,509.0	-0-	-0-	-0-	-0-	1,509.0
Tenth Avenue Maintenance Facility	217.0	212.0	2,604.0	660.0	-0-	3,693.0
Total	\$ 9,459.0	\$ 512.0	\$ 7,104.0	\$ 660.0	\$ -0-	\$ 17,735.0
Source of Funds Summary						
Environmental Services Fund	\$ 9,459.0	\$ 512.0	\$ 7,104.0	\$ 660.0	\$ -0-	\$ 17,735.0
Total	\$ 9,459.0	\$ 512.0	\$ 7,104.0	\$ 660.0	\$ -0-	\$ 17,735.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

GENERAL SERVICES

(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
CNG Fueling Plant Upgrade	\$ 568.8	\$ 12,413.1	\$ 69.7	\$ -0-	\$ -0-	\$ 13,051.6
Total	\$ 568.8	\$ 12,413.1	\$ 69.7	\$ -0-	\$ -0-	\$ 13,051.6
Source of Funds Summary						
Capital Improvement Fund	\$ -0-	\$ 3,412.9	\$ 69.7	\$ -0-	\$ -0-	\$ 3,482.6
Environmental Services Fund	295.8	5,377.7	-0-	-0-	-0-	5,673.5
Mass Transit Fund: Federal Grants	273.0	3,623.5	-0-	-0-	-0-	3,896.5
Total	\$ 568.8	\$ 12,414.1	\$ 69.7	\$ -0-	\$ -0-	\$ 13,052.6

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

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
Community Development Block Grant Master CIP	\$ 200.0	\$ 100.0	\$ 180.0	\$ -0-	\$ -0-	\$ 480.0
Neighborhood Stabilization: Acquisitions III	97.5	97.5	-0-	-0-	-0-	195.0
Neighborhood Stabilization Program I	118.0	118.0	-0-	-0-	-0-	236.0
Total	\$ 415.5	\$ 315.5	\$ 180.0	\$ -0-	\$ -0-	\$ 911.0
Source of Funds Summary						
Community Development Block Grant Fund	\$ 415.5	\$ 315.5	\$ 180.0	\$ -0-	\$ -0-	\$ 911.0
Total	\$ 415.5	\$ 315.5	\$ 180.0	\$ -0-	\$ -0-	\$ 911.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

PARKS and RECREATION

(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
Arcadia Park, Phase I	\$ 245.5	\$ 41.0	\$ -0-	\$ -0-	\$ -0-	\$ 286.5
Arroyo Chico Urban Path: Country Club to Treat	300.0	107.5	-0-	-0-	-0-	407.5
Christopher Columbus Park Expansion	21.0	35.3	-0-	-0-	-0-	56.3
Parks Strategic Plan	278.7	148.1	-0-	-0-	-0-	426.8
Purple Heart Park Expansion	327.2	-0-	-0-	-0-	-0-	327.2
Quincie Douglas and Silverlake Park Expansion	90.0	-0-	-0-	-0-	-0-	90.0
Reid Park Expansion, Phase 1	408.4	310.6	-0-	-0-	-0-	719.0
Reid Park Zoo Africa Expansion- Elephant	100.0	-0-	-0-	-0-	-0-	100.0
Shade Structure Projects	50.0	50.0	50.0	50.0	50.0	250.0
South Central Community Park, Phase I	99.3	534.9	-0-	-0-	-0-	634.2
Valencia and Alvernon Community Park, Phase I	53.3	200.0	200.0	-0-	-0-	453.3
Valencia Corridor Land Acquisition, Phase I	50.0	455.5	464.4	21.4	-0-	991.3
Total	\$ 2,023.4	\$ 1,882.9	\$ 714.4	\$ 71.4	\$ 50.0	\$ 4,742.1
Source of Funds Summary						
Capital Improvement Fund	\$ 100.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 100.0
Civic Contributions Fund	50.0	50.0	50.0	50.0	50.0	250.0
Impact Fee Fund: Central Benefit District	798.4	432.8	-0-	-0-	-0-	1,231.2
Impact Fee Fund: East Benefit District	524.2	412.1	-0-	-0-	-0-	936.3
Impact Fee Fund: Southeast Benefit District	426.5	149.1	-0-	-0-	-0-	575.6
Impact Fee Fund: Southlands Benefit District	103.3	803.6	664.4	21.4	-0-	1,592.7
Impact Fee Fund: West Benefit District	21.0	35.3	-0-	-0-	-0-	56.3
Total	\$ 2,023.4	\$ 1,882.9	\$ 714.4	\$ 71.4	\$ 50.0	\$ 4,742.1

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

Project Name	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
22nd Street: I-10 to Tucson Boulevard	\$ 4,601.3	\$ 4,005.0	\$ 15,318.5	\$ 31,586.4	\$ 34,639.3	\$ 90,150.5
4th/Congress/Toole Bike Pedestrian Improvement	133.0	318.0	-0-	-0-	-0-	451.0
ADA Transit Enhancements	319.2	162.5	162.5	162.5	162.5	969.2
ADA Transition Plan	454.2	403.0	-0-	-0-	-0-	857.2
Administration Building Upgrades	103.5	-0-	-0-	-0-	-0-	103.5
Arroyo Chico Greenway	600.0	-0-	-0-	-0-	-0-	600.0
Barraza-Aviation Downtown Links, Phase I	7,990.0	30,259.5	29,030.6	5.0	-0-	67,285.1
Broadway Boulevard: Camino Seco to Houghton	322.0	322.0	4,605.0	4,342.0	-0-	9,591.0
Broadway Boulevard: Euclid to Country Club	828.8	22,505.0	22,005.0	5,168.0	3,798.0	54,304.8
Campbell and 9th HAWK	219.8	-0-	-0-	-0-	-0-	219.8
Campbell Avenue Revitalization	64.7	530.0	-0-	-0-	-0-	594.7
CNG Fueling System	-0-	-0-	-0-	500.0	4,000.0	4,500.0
Columbus Corridor Pedestrian Path	43.4	159.0	-0-	-0-	-0-	202.4
Communication System Improvements	566.0	-0-	-0-	-0-	-0-	566.0
Copper Street Bike Boulevard	350.0	-0-	-0-	-0-	-0-	350.0
Craycroft and Ft. Lowell Park	217.0	-0-	-0-	-0-	-0-	217.0
El Paso and Southwestern Greenway	608.0	300.0	300.0	-0-	-0-	1,208.0
Expansion Vans for Sun Van	190.0	-0-	-0-	-0-	-0-	190.0
Fifth Street Bike Boulevard	84.1	-0-	-0-	-0-	-0-	84.1
Five Points Transportation Enhancement	1,311.2	-0-	-0-	-0-	-0-	1,311.2
Gila Panther Tracks Safe Routes to School	40.4	260.0	-0-	-0-	-0-	300.4
Glenn Street Transportation Enhancement	180.0	425.0	-0-	-0-	-0-	605.0
Grant and Sahuara HAWK	225.0	-0-	-0-	-0-	-0-	225.0
Grant: Oracle to Swan	8,761.0	7,805.0	7,805.0	63,082.1	63,082.1	150,535.2

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

Project Name (Continued)	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
Houghton Road: Bridge Replacement	\$ 384.0	\$ 5,380.5	\$ 2,500.5	\$ -0-	\$ 3,000.0	\$ 11,265.0
Houghton Road: Broadway Intersection Improvements	7,372.7	6,362.1	6,362.1	-0-	-0-	20,096.9
Houghton Road: Irvington to Valencia	691.4	-0-	-0-	-0-	-0-	691.4
Houghton Road: Union Pacific Railroad to I-10	516.7	2,562.0	5,312.0	-0-	-0-	8,390.7
Intermodal Center Projects	2,014.2	-0-	-0-	-0-	-0-	2,014.2
Intersection Improvements	518.6	-0-	-0-	-0-	-0-	518.6
Kolb Road Connection to Sabino Canyon	14,025.1	355.0	-0-	-0-	-0-	14,380.1
Kolb/University of Arizona Science and Tech Park Signal	250.0	-0-	-0-	-0-	-0-	250.0
Liberty Avenue Bicycle Boulevard	97.0	1,100.0	-0-	-0-	-0-	1,197.0
Modern Streetcar System/SunLink	13,000.0	-0-	-0-	-0-	-0-	13,000.0
Pantano Repaving: Escalante to Irvington	2,186.4	-0-	-0-	-0-	-0-	2,186.4
Park-and-Ride Lot: Houghton	559.9	-0-	-0-	-0-	-0-	559.9
Park Avenue Transportation Enhancement	543.2	-0-	-0-	-0-	-0-	543.2
Pima Street Pedestrian Pathway Enhancements	370.0	67.5	-0-	-0-	-0-	437.5
Regional Transportation Data Network	792.4	-0-	-0-	-0-	-0-	792.4
Replacement Buses for Sun Tran	15,222.6	7,910.0	-0-	-0-	13,061.0	36,193.6
Replacement Vans for Sun Van	3,924.2	2,931.6	2,088.1	2,438.8	2,666.4	14,049.1
Rio Vista Safe Routes to School	329.0	-0-	-0-	-0-	-0-	329.0
Robison Safe Routes to School	45.0	325.0	-0-	-0-	-0-	370.0
RTA Hawks	100.0	-0-	-0-	-0-	-0-	100.0
Security for Transit	-0-	361.0	361.0	361.0	205.0	1,288.0
Silverbell: Ina to Grant Road	2,163.1	4,805.0	4,805.0	1,205.0	26,309.9	39,288.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION

(\$000)

Project Name (Continued)	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
Speedway Boulevard at Union Pacific Underpass	\$ 751.6	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 751.6
Speedway: Camino Seco to Houghton	10.0	-0-	-0-	-0-	-0-	10.0
Stone Ave: Drachman and Speedway Improvements	2,876.1	-0-	-0-	-0-	-0-	2,876.1
Street Improvements: Proposition 409	19,780.0	19,780.0	19,780.0	19,780.0	-0-	79,120.0
Sunset: Silverbell to I-10 to River	-0-	2,500.0	2,500.0	-0-	-0-	5,000.0
Transit Bus Restoration	31.2	-0-	-0-	-0-	-0-	31.2
Transit Centers Improvements	50.0	-0-	-0-	-0-	-0-	50.0
Transit Facility Improvements	-0-	4,000.0	-0-	-0-	-0-	4,000.0
Treat Avenue Bike Boulevard	122.6	-0-	-0-	-0-	-0-	122.6
Tucson Blvd Multi-use Path	337.0	-0-	-0-	-0-	-0-	337.0
Valencia: Alvernon to Kolb	1,300.0	-0-	-0-	-0-	-0-	1,300.0
Valencia: Kolb to Houghton	-0-	1,204.0	1,400.0	5,000.0	-0-	7,604.0
Total	\$ 118,576.6	\$ 127,097.7	\$ 124,335.3	\$ 133,630.8	\$ 150,924.2	\$ 654,564.6

Source of Funds Summary

2014 General Obligation Street Bonds	\$ 19,780.0	\$ 19,780.0	\$ 19,780.0	\$ 19,780.0	\$ -0-	\$ 79,120.0
Capital Agreement Fund	-0-	-0-	8,540.0	-0-	-0-	8,540.0
Capital Agreement Fund: PAG	2,554.1	350.0	-0-	-0-	-0-	2,904.1
Capital Agreement Fund: Pima County Bonds	416.2	16,630.0	22,000.0	-0-	-0-	39,046.2
Capital Improvement Fund	13,000.0	-0-	-0-	-0-	-0-	13,000.0
Federal Highway Administration Grants	20,317.8	6,454.0	5,155.0	-0-	3,000.0	34,926.8
Highway User Revenue Fund	260.4	169.0	40.5	25.0	5.0	499.9
Mass Transit Fund: Federal Grants	18,861.4	12,687.0	2,221.6	2,995.7	16,417.2	53,182.9
Mass Transit Fund: General Fund	2,520.0	2,678.1	390.0	466.6	3,677.7	9,732.4
Regional Transportation Authority Fund	38,398.0	62,692.5	56,737.6	100,663.5	120,571.4	379,063.0
Impact Fee Fund: Central District	300.0	-0-	2,313.5	3,000.0	6,052.9	11,666.4
Impact Fee Fund: Central Pending	-0-	1,500.0	1,500.0	-0-	-0-	3,000.0
Impact Fee Fund: East District	868.7	857.1	2,357.1	1,500.0	-0-	5,582.9
Impact Fee Fund: Southeast District	1,300.0	-0-	-0-	5,000.0	-0-	6,300.0
Impact Fee Fund: West District	-0-	3,300.0	3,300.0	200.0	1,200.0	8,000.0
Total	\$ 118,576.6	\$ 127,097.7	\$ 124,335.3	\$ 133,630.8	\$ 150,924.2	\$ 654,564.6

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

TUCSON FIRE

(\$000)

	Adopted	Projected Requirements				Five
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year Total
Project Name						
Communications Center Expansion	\$ 3,165.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 3,165.5
Total	\$ 3,165.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 3,165.5
Source of Funds Summary						
Public Safety Impact Fee Fund	\$ 3,165.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 3,165.5
Total	\$ 3,165.5	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 3,165.5

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

Project Name	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
22nd Street Reservoir Rehabilitation	\$ 1,660.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 1,660.0
48" Aviation/3rd Ave Cathodic Protection System	133.0	202.0	-0-	-0-	-0-	335.0
Arc Flash Service Upgrades	553.0	562.0	561.0	584.0	607.0	2,867.0
Augmentation A-Zone PRV Station	-0-	28.0	140.0	29.0	61.0	258.0
AV-020B/SA-013A Recovery Well Drilling	1,389.0	-0-	-0-	-0-	-0-	1,389.0
Avra Valley Transmission Main Augmentation, Phase I	1,258.0	-0-	-0-	13,182.0	13,643.0	28,083.0
Avra Valley Transmission Main Augmentation, Phase II	-0-	-0-	-0-	-0-	164.0	164.0
Bailey Sleeve Valve Replacement	1,306.0	674.0	-0-	-0-	-0-	1,980.0
Bilby/Country Club Reservoir	-0-	-0-	-0-	-0-	303.0	303.0
Camino de Oeste Pressure Reducing Valve at Thornydale	221.0	-0-	-0-	-0-	-0-	221.0
Cathodic Protection for Critical Pipelines	664.0	674.0	673.0	701.0	728.0	3,440.0
Cavalier Estates Phase I	-0-	-0-	56.0	818.0	-0-	874.0
CAVSARP Well Pump Improvements	664.0	674.0	673.0	701.0	728.0	3,440.0
Chlorine System Improvements	55.0	56.0	56.0	58.0	61.0	286.0
Clearwell Outlet Valve	55.0	506.0	-0-	-0-	-0-	561.0
Clearwell Reservoir Rehabilitation	111.0	3,934.0	3,928.0	-0-	-0-	7,973.0
Cocio Road Main Replacement Phase I	411.0	-0-	-0-	-0-	-0-	411.0
Cocio Road Main Replacement Phase II	22.0	315.0	-0-	-0-	-0-	337.0
Control Panels Replacements: Potable	111.0	112.0	112.0	117.0	121.0	573.0
Control Panels: Reclaimed System	277.0	281.0	281.0	292.0	303.0	1,434.0
Country Club C-Zone Augumentation Transmission Main	277.0	1,967.0	13,468.0	-0-	-0-	15,712.0
Craycroft Addition Subdivision, Phase I	1,084.0	-0-	-0-	-0-	-0-	1,084.0
Developer-Financed Reclaimed Systems	66.0	67.0	67.0	70.0	73.0	343.0
Disinfection Equipment Upgrades	133.0	135.0	135.0	140.0	146.0	689.0
Dove Mountain 30-inch Reclaimed Main	1,800.0	-0-	-0-	-0-	-0-	1,800.0
Dove Mountain Reclaimed Tank Lining	111.0	-0-	-0-	-0-	-0-	111.0
Drexel Road to Nebraska Road A-Zone Transmission Main	17.0	39.0	337.0	-0-	-0-	393.0

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

Project Name (Continued)	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
Effluent Pump Station Expansion	\$ 55.0	\$ 1,742.0	\$ -0-	\$ -0-	\$ -0-	\$ 1,797.0
Emergency Main Replacement	221.0	225.0	224.0	234.0	243.0	1,147.0
Equip Reclaimed Well EW-009	498.0	-0-	-0-	-0-	-0-	498.0
Equip Reclaimed Well EW-010A	498.0	-0-	-0-	-0-	-0-	498.0
Equip Well A-061	-0-		56.0	409.0	-0-	465.0
Equip Well W-006	154.0	337.0	-0-	-0-	-0-	491.0
Escalante Reservoir	111.0	112.0	561.0	-0-	-0-	784.0
Extensions for New Services	111.0	112.0	112.0	117.0	121.0	573.0
Facility Safety and Security Infrastructure	1,106.0	1,124.0	1,122.0	1,168.0	1,213.0	5,733.0
Filtration Modifications at Reclaimed Plant	2,489.0	4,496.0	-0-	-0-	-0-	6,985.0
Fire Services	2,102.0	2,135.0	2,132.0	2,336.0	2,426.0	11,131.0
Golf Links Main Replacement Phase I	300.0	-0-	-0-	-0-	-0-	300.0
Golf Links Main Replacement Phase II	33.0	529.0	-0-	-0-	-0-	562.0
Golf Links Phase V	-0-	56.0	1,066.0	-0-	-0-	1,122.0
Hayden-Udall Prime Reservoir and Booster Upgrade	940.0	562.0	9,540.0	5,676.0	-0-	16,718.0
La Entrada Electrical Service Modernization	477.0	337.0	260.0	-0-	-0-	1,074.0
La Paloma Reservoir Electrical System Upgrade	249.0	-0-	-0-	-0-	-0-	249.0
Line Replacement - 3/4"	664.0	674.0	673.0	701.0	728.0	3,440.0
Manzanita Tank Lining	-0-	674.0	-0-	-0-	-0-	674.0
Maryvale Manor Subdivision, Phase I	963.0	-0-	-0-	-0-	-0-	963.0
Maryvale Manor Subdivision, Phase II	1,306.0	-0-	-0-	-0-	-0-	1,306.0
Maryvale Manor Subdivision, Phase III	500.0	-0-	-0-	-0-	-0-	500.0
Maryvale Manor Subdivision, Phase IV	55.0	811.0	-0-	-0-	-0-	866.0
Meter Upgrade and Replacement Program	5,633.0	7,924.0	5,751.0	8,321.0	6,066.0	33,695.0
Miscellaneous Land and Right-of-Way Acquisitions	11.0	11.0	11.0	12.0	12.0	57.0
New Metered Services	55.0	56.0	56.0	58.0	61.0	286.0
Northgate Subdivision, Phase II	1,317.0	-0-	-0-	-0-	-0-	1,317.0
North Satellite Facility Maint Shop	332.0	-0-	-0-	-0-	-0-	332.0

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

Project Name (Continued)	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
On-Call Valve Replacement Program	\$ 443.0	\$ 450.0	\$ 449.0	\$ 467.0	\$ 485.0	\$ 2,294.0
Park Avenue B-Zone Augmentation Main	-0-	-0-	-0-	-0-	910.0	910.0
Payments to Developers for Oversized Systems	111.0	112.0	112.0	117.0	121.0	573.0
Pipeline Protection: Acoustic Monitoring	221.0	225.0	224.0	234.0	243.0	1,147.0
Potable MOV at Thorneydale Reclaimed Reservoir	83.0	-0-	-0-	-0-	-0-	83.0
Pressure Tank Replacement	498.0	506.0	505.0	526.0	546.0	2,581.0
Production Well Sites	83.0	84.0	84.0	88.0	91.0	430.0
Pumping Facility Modifications	343.0	348.0	348.0	362.0	376.0	1,777.0
Reclaimed Booster Expansion	-0-	-0-	-0-	-0-	321.0	321.0
Reclaimed Emergency Main Enhancements	111.0	112.0	112.0	117.0	121.0	573.0
Reclaimed Pressure Reducing Valves	55.0	56.0	56.0	58.0	61.0	286.0
Reclaimed Pumping Facility Modifications	55.0	56.0	56.0	58.0	61.0	286.0
Reclaimed Reservoir and Tank Rehabilitation	221.0	450.0	337.0	350.0	364.0	1,722.0
Reclaimed Storage and Recovery	200.0	-0-	-0-	-0-	-0-	200.0
Recycled Water Master Plan	221.0	225.0	-0-	-0-	-0-	446.0
Regional Reclaimed Facility: Effluent Pumping	621.0	-0-	-0-	-0-	-0-	621.0
Rehabilitation of Critical Transmission Mains	354.0	360.0	359.0	350.0	364.0	1,787.0
Reservoir and Tank Rehabilitation	1,549.0	2,248.0	2,020.0	6,232.0	2,790.0	14,839.0
Responsive Meter Replacement	553.0	562.0	561.0	584.0	607.0	2,867.0
Review Developer-Financed Potable Projects	1,051.0	1,068.0	1,066.0	1,110.0	1,152.0	5,447.0
Road Improvement Main Replacements	6,532.0	4,496.0	4,489.0	4,672.0	5,459.0	25,648.0
SA-012A Recovery Well Drilling	-0-	674.0	-0-	-0-	-0-	674.0
SA-016A Recovery Well Drilling	-0-	-0-	-0-	701.0	-0-	701.0
SA-019A/SA-021A Recovery Well Drilling	-0-	-0-	1,283.0	-0-	-0-	1,283.0
SA-023A Recovery Well Drilling	-0-	-0-	-0-	-0-	728.0	728.0
Sahuarita Supply Line Slip Liner	7,789.0	-0-	-0-	-0-	-0-	7,789.0
San Paulo Village Main Replacement Phase I	-0-	34.0	529.0	-0-	-0-	563.0

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

Project Name (Continued)	Adopted		Projected Requirements			Five Year Total
	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	
San Paulo Village Main Replacement Phase II	\$ 288.0	\$ 2,922.0	\$ -0-	\$ -0-	\$ -0-	\$ 3,210.0
San Paulo Village Main Replacement Phase III	-0-	-0-	-0-	58.0	910.0	968.0
Santa Cruz SC-008 Well Collector Line	304.0	-0-	-0-	-0-	-0-	304.0
Santa Cruz Wellfield Chemical Feed/Monitoring Facility	3,619.0	-0-	-0-	-0-	-0-	3,619.0
Santa Cruz Wells Re-Equipping	1,328.0	-0-	-0-	-0-	-0-	1,328.0
Santa Rita Ranch/Houghton Road 12" Main	709.0	-0-	-0-	-0-	-0-	709.0
SAVSARP Collector Lines, Phase II	1,199.0	-0-	-0-	-0-	-0-	1,199.0
SAVSARP Collector Lines, Phase III	-0-	33.0	1,680.0	-0-	-0-	1,713.0
SAVSARP Collector Lines, Phase IV	-0-	-0-	-0-	-0-	41.0	41.0
SAVSARP Phase II Well Equipping	2,213.0	-0-	-0-	-0-	-0-	2,213.0
SAVSARP Phase III Well Equipping	-0-	169.0	2,132.0	-0-	-0-	2,301.0
SAVSARP Phase IV Well Equipping	-0-	-0-	-0-	-0-	1,152.0	1,152.0
SAVSARP Raw Water Rcvrd Cathodic Protection	277.0	337.0	-0-	-0-	-0-	614.0
SCADA Potable Upgrades	4,088.0	3,548.0	3,996.0	3,527.0	1,237.0	16,396.0
SCADA Reclaimed	1,148.0	292.0	272.0	-0-	-0-	1,712.0
Source Meter Replacement	207.0	274.0	245.0	257.0	267.0	1,250.0
Southeast Houghton Area Recharge Project (SHARP)	830.0	2,866.0	4,489.0	-0-	-0-	8,185.0
Southern Avra Valley Reservoir and Booster Station	200.0	-0-	-0-	-0-	-0-	200.0
System Enhancements: Reclaimed Tanque Verde to Wentworth 8 Inch Main	277.0	281.0	281.0	292.0	303.0	1,434.0
Tierra Del Sol Main Replacement Phase I	-0-	-0-	-0-	58.0	1,759.0	1,817.0
Trails End Reservoir Rehabilitation	111.0	112.0	561.0	-0-	-0-	784.0
Upgrade Corrosion Test Stations	55.0	56.0	56.0	58.0	61.0	286.0
Valley View Reservoir Rehabilitation	2,200.0	-0-	-0-	-0-	-0-	2,200.0
Valve Access Vault	111.0	112.0	112.0	117.0	121.0	573.0
Water Services	1,671.0	1,697.0	1,695.0	1,764.0	1,832.0	8,659.0
Water System Acquisitions	66.0	-0-	-0-	-0-	-0-	66.0
Well E-025 Storage Tank Lining	221.0	-0-	-0-	-0-	-0-	221.0

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

Project Name (Continued)	Adopted		Projected Requirements			Five Year Total
	Year 1	Year 2	Year 3	Year 4	Year 5	
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	
Wellfield Upgrades	\$ 1,106.0	\$ 1,124.0	\$ 1,122.0	\$ 1,168.0	\$ 1,213.0	\$ 5,733.0
Well W-006 Transmission Main	22.0	90.0	-0-	-0-	-0-	112.0
Wetlands Outflow Modifications	332.0	-0-	-0-	-0-	-0-	332.0
Wilmot Main Replacement	55.0	844.0	-0-	-0-	-0-	899.0
Total	\$ 76,289.0	\$ 58,966.0	\$ 71,309.0	\$ 59,311.0	\$ 51,504.0	\$ 317,379.0

Source of Funds Summary						
2013 Water Revenue System Obligation	\$ 8,700.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 8,700.0
2014 Water Revenue System Obligation	41,809.0	-0-	-0-	-0-	-0-	41,809.0
Future Water Revenue Bonds	-0-	35,352.0	43,005.0	39,222.0	23,189.0	140,768.0
Tucson Water Revenue and Operations Fund	25,780.0	23,614.0	28,304.0	20,089.0	28,315.0	126,102.0
Total	\$ 76,289.0	\$ 58,966.0	\$ 71,309.0	\$ 59,311.0	\$ 51,504.0	\$ 317,379.0

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

NON-DEPARTMENTAL

(\$000)

	Adopted Year 1 FY 2015	Year 2 FY 2016	Projected Requirements			Year 5 FY 2019	Five Year Total
			Year 3 FY 2017	Year 4 FY 2018			
Project Name							
Technology Improvements	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 900.0
Total	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 900.0
Source of Funds Summary							
General Fund	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 900.0
Total	\$ 900.0	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ 900.0

Section B Department Programs



City Court



Capital Improvement Program Department Statement

FY 2015 through FY 2019

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)

Court Building Remodel										Project ID: C106 Start Date: 7/14 End Date: 6/17 Location: Ward 1	
Description: Renovate and upgrade the existing court building. Renovations would 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. Upgrading boiler systems and Public Service counters to meet ADA compliance.											
Justification: The court was to move into a new court building, Joint City County Court Complex, to be shared with 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.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Improvement Fund	0.0	1,000.0	0.0	1,000.0	2,400.0	400.0	0.0	0.0	3,800.0	0.0	3,800.0
Total	0.0	1,000.0	0.0	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 2015 through FY 2019

Department: Environmental Services

Five-Year Total: \$17,327,000¹

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 scales, landfill 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 \$10.8 million to 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 to fund design, land acquisition and Phase I construction at the Los Reales Landfill.

¹Environmental Services maintains a rigid replacement program for its refuse and recycling collection trucks. Beginning in Fiscal Year 2013, the department began replacing its collection fleet with Compressed Natural Gas (CNG) trucks. The department's current and future needs for CNG fuel prompted the City to replace its existing CNG fuel plant. The project is a master-planned, cost-shared effort with Sun Tran and is being managed by the City's General Services Department, Fleet Services Division. Environmental Services' portion of the project is \$6.6 million; \$0.2 million in Fiscal Year 2014, \$2.5 million in Fiscal Year 2015 and the \$3.9 million balance will be financed for 10 years.

Environmental Services

(\$000)

Los Reales Landfill Administration Building										Project ID: Q381 Start Date: 3/14 End Date: 6/15 Location: Ward 5	
Description: Install an approximately 5,000 square foot, pre-engineered metal building east of the proposed scale house facility.											
Justification: The building will be used by landfill administrative staff and field crews. The structure will include a conference room, locker rooms, and a break room.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	288.7	332.0	928.0	1,260.0	0.0	0.0	0.0	0.0	1,260.0	0.0	1,548.7
Total	288.7	332.0	928.0	1,260.0	0.0	0.0	0.0	0.0	1,260.0	0.0	1,548.7

Los Reales Landfill 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	101.1	1,400.0	1,500.0	2,900.0	0.0	0.0	0.0	0.0	2,900.0	0.0	3,001.1
Total	101.1	1,400.0	1,500.0	2,900.0	0.0	0.0	0.0	0.0	2,900.0	0.0	3,001.1

Los Reales Landfill Entrance Facilities										Project ID: Q322	
Description: Construct site improvements, including access roads, parking lots, utility infrastructure, drainage basins, landscape and earthwork.										Start Date: 3/14	
Justification: This project will prepare the Phase I area of the 80-acre site. The roadways will provide access to the landfill face, the wheel wash and scale house facility, and the administration building.										End Date: 6/15	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	302.0	1,738.0	1,491.0	3,229.0	0.0	0.0	0.0	0.0	3,229.0	0.0	3,531.0
Total	302.0	1,738.0	1,491.0	3,229.0	0.0	0.0	0.0	0.0	3,229.0	0.0	3,531.0

Los Reales Landfill Infrastructure Plan										Project ID: Q383	
Description: Complete the design of Phase I of the 80-acre site improvements which include site work, a wheel wash and scale house facility and a landfill administration building. This project includes in-house and outsourced construction oversight.										Start Date: 7/09	
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. Phases III and IV are not included in the Fiscal Years 2015-2019 five-year plan.										End Date: 6/15	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	322.1	0.0	344.0	344.0	0.0	0.0	0.0	0.0	344.0	0.0	666.1
Environmental Services Fund: COPs	1,415.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,415.0
Total	1,737.1	0.0	344.0	344.0	0.0	0.0	0.0	0.0	344.0	0.0	2,081.1

Los Reales Landfill Self-Hauler Facility										Project ID: Q329	
Description: Design and construct a residential self-hauler facility. This is the second phase of the 80-acre development.										Start Date: 7/15	
Justification: Having a dedicated location for customer drop-off, away from the landfill's working face will increase landfill safety and efficiency, reduce litter and dust, and accommodate future recycling programs.										End Date: 6/18	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	0.0	0.0	0.0	0.0	300.0	4,500.0	4,500.0	0.0	4,800.0	0.0	4,800.0
Total	0.0	0.0	0.0	0.0	300.0	4,500.0	4,500.0	0.0	4,800.0	0.0	4,800.0

Los Reales Landfill Truck Wash and Scale Facility										Project ID: Q313	
Description: Construct and install a new wheel wash and new facilities for scale house and household hazardous waste operations. The scale house will consist of operator booths, manufactured truck scales, and a break room. The pre-manufactured wheel wash will be installed near the landfill exit.										Start Date: 3/14	
Justification: The new facilities and wheel wash will provide site control and operational efficiencies.										End Date: 4/15	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	300.0	545.0	964.0	1,509.0	0.0	0.0	0.0	0.0	1,509.0	0.0	1,809.0
Total	300.0	545.0	964.0	1,509.0	0.0	0.0	0.0	0.0	1,509.0	0.0	1,809.0

Tenth Avenue Maintenance Facility

Project ID: Q412
Start Date: 10/13
End Date: 6/18
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 building.

Justification:

Safety improvements are needed at the 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Environmental Services Fund	98.0	118.0	99.0	217.0	212.0	2,604.0	660.0	0.0	3,693.0	0.0	3,791.0
Total	98.0	118.0	99.0	217.0	212.0	2,604.0	660.0	0.0	3,693.0	0.0	3,791.0

General Services



**Capital Improvement Program
Department Statement**

FY 2015 through FY 2019

Department: General Services

Five-Year Total: \$13,051,600

The General Services Capital Improvement Program (CIP) of \$13.1 consists of one project: Replacing the existing aged Compressed Natural Gas Plant with a new plant that has the equipment necessary to meet industry vehicle fueling standards and provide for backup emergency generator power to sustain plant operations in the event of a power outage.

This work is funded through Environmental Services Funds, Capital Improvement Funds (Certificates of Participation), and Federal Grant Funds.

General Services

(\$000)

Compressed Natural Gas (CNG) Plant										Project ID: M896	
Description:										Start Date: 7/13	
Replace the existing aged CNG Plant with a new plant that has the equipment necessary to meet industry vehicle fueling standards and provide for backup emergency generator power to sustain plant operations in the event of a power outage. The project, when complete, will better serve both Sun Tran and Environmental Services' planned expansion of CNG Fleet.										End Date: 6/17	
Justification:										Location: Ward 5	
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.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Improvement Fund	0.0	0.0	0.0	0.0	3,412.9	69.7	0.0	0.0	3,482.6	0.0	3,482.6
Environmental Services Fund	26.5	0.0	295.8	295.8	5,377.7	0.0	0.0	0.0	5,673.5	0.0	5,700.0
Internal Service Fund	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0
Mass Transit Fund	24.5	0.0	273.0	273.0	3,622.5	0.0	0.0	0.0	3,895.5	0.0	3,920.0
Total	351.0	0.0	568.8	568.8	12,413.1	69.7	0.0	0.0	13,051.6	0.0	13,402.6

Housing and Community Development



Capital Improvement Program Department Statement

FY 2015 through FY 2019

Department: Housing and Community Development

Five-Year Total: \$911,000

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

- 1) Acquisition, rehabilitation and resale of approximately four 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 six 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 objectives of the United States Department of Housing and Urban Development Consolidated Annual Action Plan.

The Housing and Community Development Department's five-year CIP is funded with \$1,928,500 million in federal grants.

Housing and Community Development

(\$000)

Community Development Block Grant (CDBG) Master CIP										Project ID: H158 Start Date: 7/13 End Date: 6/17 Location: City	
Description: CDBG 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.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Community Development Block Grant	520.0	200.0	0.0	200.0	100.0	180.0	0.0	0.0	480.0	0.0	1,000.0
Total	520.0	200.0	0.0	200.0	100.0	180.0	0.0	0.0	480.0	0.0	1,000.0

Neighborhood Stabilization Program I										Project ID: H159 Start Date: 7/13 End Date: 6/16 Location: City	
Description: To continue acquiring single-family foreclosed homes citywide for rehabilitation, rental and resale from the Neighborhood Stabilization Program Income. Approximately six 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Community Development Block Grant	400.0	118.0	0.0	118.0	118.0	0.0	0.0	0.0	236.0	0.0	636.0
Total	400.0	118.0	0.0	118.0	118.0	0.0	0.0	0.0	236.0	0.0	636.0

Neighborhood Stabilization Program III

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

Description:

Purchase approximately four single-family foreclosed homes for rehabilitation, rental and resale from the Neighborhood Stabilization Program Income. 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Community Development Block Grant	97.5	97.5	0.0	97.5	97.5	0.0	0.0	0.0	195.0	0.0	292.5
Total	97.5	97.5	0.0	97.5	97.5	0.0	0.0	0.0	195.0	0.0	292.5

Parks and Recreation



Capital Improvement Program Department Statement

FY 2015 through FY 2019

Department: Parks and Recreation

Five-Year Total: \$4,742,100

The Parks and Recreation Department's Capital Improvement Program (CIP) is based on the Parks, Recreation, and Open Space component of Plan Tucson; 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 \$4.7 million is funded from Impact Fees, Capital Improvement Funds (certificates of participation), and civic contributions.

Parks and Recreation

(\$000)

Arcadia Park, Phase I Description: Acquire land, plan, and design the initial phase of a multi-purpose path that provides connectivity between parks, schools, residential areas, workplaces, commercial districts and other destinations. 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: 6/16 Location: Ward 6	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	505.5	245.5	0.0	245.5	41.0	0.0	0.0	0.0	286.5	0.0	792.0
Total	505.5	245.5	0.0	245.5	41.0	0.0	0.0	0.0	286.5	0.0	792.0

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 (RTA). 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: 6/16 Location: Wards 5 and 6	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	0.0	0.0	300.0	300.0	107.5	0.0	0.0	0.0	407.5	0.0	407.5
Total	0.0	0.0	300.0	300.0	107.5	0.0	0.0	0.0	407.5	0.0	407.5

<p>Christopher Columbus Park Expansion</p> <p>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.</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: RM03 Start Date: 3/07 End Date: 6/16 Location: Ward 1</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
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	650.8	12.4	8.6	21.0	35.3	0.0	0.0	0.0	56.3	0.0	707.1
Total	792.8	12.4	8.6	21.0	35.3	0.0	0.0	0.0	56.3	0.0	849.1

<p>Parks Strategic Plan</p> <p>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.</p> <p>Justification: This project is needed to revise and update the Parks and Recreation Department's Strategic Plan in accordance with accreditation requirements and to meet the current and future demands for public recreation.</p>	<p>Project ID: R111 Start Date: 7/12 End Date: 6/16 Location: Citywide</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	5.0	278.7	0.0	278.7	148.1	0.0	0.0	0.0	426.8	0.0	431.8
Total	5.0	278.7	0.0	278.7	148.1	0.0	0.0	0.0	426.8	0.0	431.8

Purple Heart Park Expansion										Project ID: RM08	
Description:										Start Date: 7/07	
Design and construct additional amenities outlined in the current masterplan for the park. Amenities for consideration with the current funding include a new playground, new shade structures, drinking fountain and related ADA access.										End Date: 6/15	
Justification:										Location: Ward 4	
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
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	1,051.9	197.0	130.2	327.2	0.0	0.0	0.0	0.0	327.2	0.0	1,379.1
Total	1,226.9	197.0	130.2	327.2	0.0	0.0	0.0	0.0	327.2	0.0	1,554.1

Quincie Douglas and Silverlake Park Expansion										Project ID: RM15	
Description:										Start Date: 7/13	
Design and construct a small ramada within Silverlake Park.										End Date: 6/15	
Justification:										Location: Ward 5	
To expand capacity with the park's system that provides residents with amenities per the Silverlake Park Master Plan.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	10.0	90.0	0.0	90.0	0.0	0.0	0.0	0.0	90.0	0.0	100.0
Total	10.0	90.0	0.0	90.0	0.0	0.0	0.0	0.0	90.0	0.0	100.0

Reid Park Expansion, Phase I										Project ID: RM09	
Description:										Start Date: 7/07	
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.										End Date: 6/16	
Justification:										Location: Ward 6	
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
General Obligation Bond Funds	46.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.5
Impact Fee Funds	358.9	408.4	0.0	408.4	310.6	0.0	0.0	0.0	719.0	0.0	1,077.9
Total	405.4	408.4	0.0	408.4	310.6	0.0	0.0	0.0	719.0	0.0	1,124.4

Reid Park Zoo Africa Expansion-Elephant Exhibit										Project ID: R978	
Description:										Start Date: 7/14	
Design and construct an addition to the existing elephant barn for animal holding.										End Date: 9/15	
Justification:										Location: Ward 6	
This addition is necessary to improve animal control measures in light of an expected newborn elephant and other behavioral issues with the existing animals.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Improvement Fund	6,665.4	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	6,765.4
Civic Contributions Fund	954.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	954.2
General Obligation Bond Funds	2,235.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,235.1
Total	9,854.7	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	9,954.7

Shade Structure Projects										Project ID: R112	
Description:										Start Date: 7/12	
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.										End Date: 6/19	
Justification:										Location: Citywide	
This project is needed to construct new and/or replace aged shade structures within the parks system.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Civic Contributions Fund	89.0	0.0	50.0	50.0	50.0	50.0	50.0	50.0	250.0	0.0	339.0
Miscellaneous Non-Federal Grants	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
Total	139.0	0.0	50.0	50.0	50.0	50.0	50.0	50.0	250.0	0.0	389.0

South Central Community Park, Phase I										Project ID: RM11	
Description:										Start Date: 7/07	
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.										End Date: 6/16	
Justification:										Location: Wards 4 and 5	
This project is needed to increase capacity in our parks and recreation system and to address the demands placed on it by new development.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	26.0	99.3	0.0	99.3	534.9	0.0	0.0	0.0	634.2	0.0	660.2
Total	26.0	99.3	0.0	99.3	534.9	0.0	0.0	0.0	634.2	0.0	660.2

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: 6/17	
										Location: Ward 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	82.4	0.0	53.3	53.3	200.0	200.0	0.0	0.0	453.3	0.0	535.7
Total	82.4	0.0	53.3	53.3	200.0	200.0	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: 6/18	
										Location: Wards 4 and 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	2.1	0.0	50.0	50.0	455.5	464.4	21.4	0.0	991.3	0.0	993.4
Total	2.1	0.0	50.0	50.0	455.5	464.4	21.4	0.0	991.3	0.0	993.4

Transportation



Capital Improvement Program Department Statement

FY 2015 through FY 2019

Department: Transportation

Five-Year Total: \$654,564,600

Transportation's Capital Improvement Program (CIP) of \$654.6 million funds improvements for a multi-modal transportation system and infrastructure designed to attract industry and protect neighborhoods. The program is divided into three areas: Public Transit, Streets, and Traffic Signals.

Public Transit. The Public Transit Program of \$76.9 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 \$53.2 million, which are intended to fund replacement and expansion buses and vans, upgrades to the Compressed Natural Gas facility and for completion of the modern streetcar. The five-year CIP also includes \$13.0 million in certificates of participation (COPs) funding, which is dedicated to the Modern Streetcar/SunLink.

Streets. The Streets Program of \$575.3 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 Regional Transportation Authority (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 \$2.4 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.

Transportation

(\$000)

22nd Street: I-10 to Tucson Boulevard Description: Design and construct improvements along this segment of the 22nd Street corridor. Improvements will include widening 22nd Street to a six-lane, divided roadway with full urban amenities. 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.										Project ID: SR5A Start Date: 7/07 End Date: 6/21 Location: Wards 1 and 5	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	0.0	0.0	0.0	0.0	0.0	9,000.0	0.0	0.0	9,000.0	0.0	9,000.0
Federal Grant Funds	0.0	0.0	0.0	0.0	1,000.0	0.0	0.0	0.0	1,000.0	0.0	1,000.0
Highway User Revenue Fund	28.5	5.0	5.0	10.0	5.0	5.0	0.0	0.0	20.0	0.0	48.5
Impact Fee Funds	386.5	300.0	0.0	300.0	0.0	2,313.5	0.0	3,052.9	5,666.4	0.0	6,052.9
Regional Transportation Authority Fund	30,488.7	4,291.3	0.0	4,291.3	3,000.0	4,000.0	31,586.4	31,586.4	74,464.1	0.0	104,952.8
Total	30,903.7	4,596.3	5.0	4,601.3	4,005.0	15,318.5	31,586.4	34,639.3	90,150.5	0.0	121,054.2

4th/Congress: Toole Bike Pedestrian Improvements Description: Enhance the roadway elements within the 4th Avenue/Congress/Toole area to improve pedestrian and bicycle safety and motorist wayfinding. Justification: Federal safety funds have been allocated through the Pima Association of Governments (PAG) Transportation Improvement Program (TIP) process.										Project ID: S211 Start Date: 7/12 End Date: 6/16 Location: Ward 6	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	23.7	105.5	5.0	110.5	300.0	0.0	0.0	0.0	410.5	0.0	434.2
Highway User Revenue Fund	1.8	12.5	10.0	22.5	18.0	0.0	0.0	0.0	40.5	0.0	42.3
Total	25.5	118.0	15.0	133.0	318.0	0.0	0.0	0.0	451.0	0.0	476.5

ADA Transit Enhancements										Project ID: M161	
Description: Design and construct Americans with Disabilities Act (ADA) pedestrian access improvements.										Start Date: 7/13	
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.										End Date: 6/19	
										Location: City	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	120.7	250.9	37.0	287.9	162.5	162.5	162.5	162.5	937.9	0.0	1,058.6
Regional Transportation Authority Fund	30.2	31.3	0.0	31.3	0.0	0.0	0.0	0.0	31.3	0.0	61.5
Total	150.9	282.2	37.0	319.2	162.5	162.5	162.5	162.5	969.2	0.0	1,120.1

ADA Transition Plan										Project ID: S112	
Description: Develop a plan that categorizes all City right-of-ways and prioritizes needed ADA improvements.										Start Date: 7/12	
Justification: This plan is required by Federal law.										End Date: 6/16	
										Location: Ward 6	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	69.8	30.2	400.0	430.2	380.0	0.0	0.0	0.0	810.2	0.0	880.0
Highway User Revenue Fund	6.0	0.0	24.0	24.0	23.0	0.0	0.0	0.0	47.0	0.0	53.0
Total	75.8	30.2	424.0	454.2	403.0	0.0	0.0	0.0	857.2	0.0	933.0

<p>Administration Building Upgrades</p> <p>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.</p> <p>Justification: Transit capital assets require continuous upgrades and improvements to prolong asset life.</p>	<p>Project ID: M135 Start Date: 7/13 End Date: 6/15 Location: Ward 5</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	414.0	103.5	0.0	103.5	0.0	0.0	0.0	0.0	103.5	0.0	517.5
Total	414.0	103.5	0.0	103.5	0.0	0.0	0.0	0.0	103.5	0.0	517.5

<p>Arroyo Chico Greenway</p> <p>Description: Construct the portion of the Arroyo Chico Greenway between Reid Park and Robison Elementary School.</p> <p>Justification: This project was approved for RTA funds in December 2012.</p>	<p>Project ID: SP09 Start Date: 7/13 End Date: 6/15 Location: Wards 5 and 6</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	0.0	300.0	300.0	600.0	0.0	0.0	0.0	0.0	600.0	0.0	600.0
Total	0.0	300.0	300.0	600.0	0.0	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: 6/17
Location: Wards 1 and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	1,678.8	0.0	0.0	0.0	0.0	8,540.0	0.0	0.0	8,540.0	0.0	10,218.8
General Fund	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4
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	298.0	5.0	5.0	10.0	5.0	5.0	5.0	0.0	25.0	0.0	323.0
Regional Transportation Authority Fund	23,323.2	4,045.0	3,935.0	7,980.0	30,254.5	20,485.6	0.0	0.0	58,720.1	0.0	82,043.3
Total	25,494.9	4,050.0	3,940.0	7,990.0	30,259.5	29,030.6	5.0	0.0	67,285.1	0.0	92,780.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Highway User Revenue Fund	0.0	0.0	5.0	5.0	5.0	5.0	5.0	0.0	20.0	0.0	20.0
Regional Transportation Authority Fund	0.0	0.0	317.0	317.0	317.0	3,100.0	2,837.0	0.0	6,571.0	0.0	6,571.0
Impact Fee Funds	0.0	0.0	0.0	0.0	0.0	1,500.0	1,500.0	0.0	3,000.0	0.0	3,000.0
Total	0.0	0.0	322.0	322.0	322.0	4,605.0	4,342.0	0.0	9,591.0	0.0	9,591.0

<p>Broadway: Euclid to Country Club</p> <p>Description: Design and construct a corridor project that will widen Broadway to six lanes, plus bus lanes.</p> <p>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.</p>	<p>Project ID: SR3A Start Date: 1/07 End Date: 6/21 Location: Wards 5 and 6</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	1,222.0	0.0	0.0	0.0	12,000.0	13,000.0	0.0	0.0	25,000.0	0.0	26,222.0
Highway User Revenue Fund	11.6	4.0	0.0	4.0	5.0	5.0	5.0	0.0	19.0	0.0	30.6
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	1,500.0	1,500.0	0.0	0.0	3,000.0	0.0	3,001.6
Regional Transportation Authority Fund	4,393.9	824.8	0.0	824.8	9,000.0	7,500.0	5,163.0	3,798.0	26,285.8	11,445.3	42,125.0
Total	5,673.3	828.8	0.0	828.8	22,505.0	22,005.0	5,168.0	3,798.0	54,304.8	0.0	71,423.4

<p>Campbell and 9th HAWK</p> <p>Description: Design and construct HAWK signal at the intersection.</p> <p>Justification: Improve pedestrian safety.</p>	<p>Project ID: SH27 Start Date: 7/13 End Date: 6/14 Location: Ward 6</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	30.0	119.8	100.0	219.8	0.0	0.0	0.0	0.0	219.8	0.0	249.8
Total	30.0	119.8	100.0	219.8	0.0	0.0	0.0	0.0	219.8	0.0	249.8

<p>Campbell Avenue Revitalization</p> <p>Description: Design and construct streetscape improvements along Campbell Avenue between Ft. Lowell and Grant Roads.</p> <p>Justification: These improvements will promote the revitalization of this commercial corridor.</p>	<p>Project ID: S237 Start Date: 7/06 End Date: 6/16 Location: Ward 3</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	845.8	61.9	0.0	61.9	500.0	0.0	0.0	0.0	561.9	0.0	1,407.7
Highway User Revenue Fund	96.9	2.8	0.0	2.8	30.0	0.0	0.0	0.0	32.8	0.0	129.7
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	945.4	64.7	0.0	64.7	530.0	0.0	0.0	0.0	594.7	0.0	1,540.1

<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 located on Sun Tran Boulevard.</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: 6/19 Location: Ward 3</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	0.0	0.0	0.0	0.0	0.0	0.0	500.0	4,000.0	4,500.0	0.0	4,500.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	500.0	4,000.0	4,500.0	0.0	4,500.0

Columbus Boulevard: Corridor Pedestrian Path										Project ID: S189	
Description: Design and construct an off-street pedestrian path along Columbus Boulevard between Timrod Street and 22nd Street.										Start Date: 7/09	
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.										End Date: 6/15	
										Location: Ward 6	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	0.0	40.0	0.0	40.0	150.0	0.0	0.0	0.0	190.0	0.0	190.0
Highway User Revenue Fund	10.5	1.4	2.0	3.4	9.0	0.0	0.0	0.0	12.4	0.0	22.9
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	37.8	41.4	2.0	43.4	159.0	0.0	0.0	0.0	202.4	0.0	240.2

Communication System Improvements										Project ID: S770	
Description: Construct communications improvements to the Intelligent Transportation System, including the purchase of traffic signal communication network equipment, traffic monitoring cameras, traffic signal data transmission equipment, and regional signal monitoring.										Start Date: 7/06	
Justification: These improvements include several projects in the 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.										End Date: 6/15	
										Location: City	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	0.0	500.0	0.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	500.0
Regional Transportation Authority Fund	0.0	66.0	0.0	66.0	0.0	0.0	0.0	0.0	66.0	0.0	66.0
Total	0.0	566.0	0.0	566.0	0.0	0.0	0.0	0.0	566.0	0.0	566.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	50.0	350.0	0.0	350.0	0.0	0.0	0.0	0.0	350.0	0.0	400.0
Total	50.0	350.0	0.0	350.0	0.0	0.0	0.0	0.0	350.0	0.0	400.0

Craycroft and Ft. Lowell Park

Description:

Design and construct HAWK signal at the intersection.

Justification:

Improve pedestrian safety.

Project ID: SH28
Start Date: 7/13
End Date: 6/15
Location:

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	33.0	117.0	100.0	217.0	0.0	0.0	0.0	0.0	217.0	0.0	250.0
Total	33.0	117.0	100.0	217.0	0.0	0.0	0.0	0.0	217.0	0.0	250.0

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: 6/17
Location: Ward 1 and 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	0.0	0.0	458.0	458.0	0.0	0.0	0.0	0.0	458.0	0.0	458.0
Highway User Revenue Fund	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
Regional Transportation Authority Fund	1,584.2	0.0	150.0	150.0	300.0	300.0	0.0	0.0	750.0	0.0	2,334.2
Total	1,589.9	0.0	608.0	608.0	300.0	300.0	0.0	0.0	1,208.0	0.0	2,797.9

Expansion Vans

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: M014
Start Date: 7/13
End Date: 6/15
Location: City

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	0.0	157.7	0.0	157.7	0.0	0.0	0.0	0.0	157.7	0.0	157.7
Regional Transportation Authority Fund	0.0	32.3	0.0	32.3	0.0	0.0	0.0	0.0	32.3	0.0	32.3
Total	0.0	190.0	0.0	190.0	0.0	0.0	0.0	0.0	190.0	0.0	190.0

Fifth Street Bike Boulevard										Project ID: SP11	
Description:										Start Date: 7/13	
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.										End Date: 6/15	
Justification:										Location: Ward 6	
This project was approved for RTA funding in December 2012.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	65.9	84.1	0.0	84.1	0.0	0.0	0.0	0.0	84.1	0.0	150.0
Total	65.9	84.1	0.0	84.1	0.0	0.0	0.0	0.0	84.1	0.0	150.0

Five Points Transportation Enhancement										Project ID: S196	
Description:										Start Date: 7/08	
Construct pedestrian and streetscape improvements in the vicinity of the Stone Avenue/6th Avenue/18th Street intersection.										End Date: 6/15	
Justification:										Location: Wards 5 and 6	
A Federal Transportation Enhancement grant was awarded for this project which will improve access to alternate modes of transportation.											

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	83.8	416.2	0.0	416.2	0.0	0.0	0.0	0.0	416.2	0.0	500.0
Federal Grant Funds	0.0	894.0	0.0	894.0	0.0	0.0	0.0	0.0	894.0	0.0	894.0
Highway User Revenue Fund	17.6	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	18.6
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	101.6	1,310.2	1.0	1,311.2	0.0	0.0	0.0	0.0	1,311.2	0.0	1,412.8

<p>Gila Panther Tracks Safe Routes to School</p> <p>Description: Design and construct pedestrian improvements around Henry Elementary School including sidewalk improvements.</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: SP07 Start Date: 7/12 End Date: 6/16 Location: Ward 2</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	20.0	0.0	40.4	40.4	260.0	0.0	0.0	0.0	300.4	0.0	320.4
Total	20.0	0.0	40.4	40.4	260.0	0.0	0.0	0.0	300.4	0.0	320.4

<p>Glenn Street Transportation Enhancement</p> <p>Description: Design and construct pedestrian improvements along Glenn Street between Palo Verde Boulevard and Alvernon Way.</p> <p>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.</p>	<p>Project ID: S01H Start Date: 7/10 End Date: 6/16 Location: Ward 3</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	0.0	0.0	115.0	115.0	425.0	0.0	0.0	0.0	540.0	0.0	540.0
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	59.8	65.0	0.0	65.0	0.0	0.0	0.0	0.0	65.0	0.0	124.8
Total	60.0	65.0	115.0	180.0	425.0	0.0	0.0	0.0	605.0	0.0	665.0

<p>Grant and Sahuara HAWK</p> <p>Description: Design and construct HAWK signal at the intersection.</p> <p>Justification: Improve pedestrian safety.</p>	<p>Project ID: SH29 Start Date: 7/13 End Date: 6/15 Location: Wards 2</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	50.0	100.0	125.0	225.0	0.0	0.0	0.0	0.0	225.0	0.0	275.0
Total	50.0	100.0	125.0	225.0	0.0	0.0	0.0	0.0	225.0	0.0	275.0

<p>Grant: Oracle to Swan</p> <p>Description: Design and construct the 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.</p> <p>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.</p>	<p>Project ID: SR2A Start Date: 1/07 End Date: 6/21 Location: Wards 2, 3, and 6</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Highway User Revenue Fund	16.9	5.0	5.0	10.0	5.0	5.0	5.0	5.0	30.0	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	594.2	0.0	0.0	0.0	0.0	0.0	3,000.0	3,000.0	6,000.0	0.0	6,594.2
Regional Transportation Authority Fund	16,344.8	0.0	8,751.0	8,751.0	7,800.0	7,800.0	60,077.1	60,077.1	144,505.2	0.0	160,850.0
Total	16,956.0	5.0	8,756.0	8,761.0	7,805.0	7,805.0	63,082.1	63,082.1	150,535.2	0.0	167,491.2

<p>Houghton Road: Bridge Replacement</p> <p>Description: Design and construct the replacement of a widened Houghton Bridge over the Union Pacific Railroad tracks.</p> <p>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.</p>	<p>Project ID: SR1D Start Date: 7/09 End Date: 6/19 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	0.0	0.0	0.0	0.0	3,380.0	0.0	0.0	0.0	3,380.0	0.0	3,380.0
Federal Grant Funds	955.1	380.3	0.0	380.3	2,000.0	2,500.0	0.0	3,000.0	7,880.3	0.0	8,835.4
Highway User Revenue Fund	0.8	0.0	1.0	1.0	0.5	0.5	0.0	0.0	2.0	0.0	2.8
Regional Transportation Authority Fund	131.4	2.7	0.0	2.7	0.0	0.0	0.0	0.0	2.7	3,000.0	3,134.1
Total	1,087.3	383.0	1.0	384.0	5,380.5	2,500.5	0.0	3,000.0	11,265.0	3,000.0	15,352.3

<p>Houghton Road: Broadway Intersection Improvements</p> <p>Description: Design and construct capacity improvements at the Broadway/Houghton intersection in accordance with the RTA plan.</p> <p>Justification: Funding has been identified through the RTA.</p>	<p>Project ID: SR1F Start Date: 7/12 End Date: 6/17 Location: Ward 2</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0
Highway User Revenue Fund	1.2	4.0	0.0	4.0	5.0	5.0	0.0	0.0	14.0	0.0	15.2
Impact Fee Funds	390.0	868.7	0.0	868.7	857.2	857.2	0.0	0.0	2,583.0	0.0	2,973.0
Regional Transportation Authority Fund	6,883.2	2,774.5	3,725.5	6,500.0	5,500.0	5,500.0	0.0	0.0	17,500.0	0.0	24,383.2
Total	7,359.4	3,647.2	3,725.5	7,372.7	6,362.2	6,362.2	0.0	0.0	20,097.0	0.0	27,456.4

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: 6/15
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	5,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,000.0
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	897.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	897.4
Highway User Revenue Fund: In-Lieu Fees	613.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	613.4
Impact Fee Funds	562.4	691.4	0.0	691.4	0.0	0.0	0.0	0.0	691.4	0.0	1,253.8
Regional Transportation Authority Fund	8,721.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8,721.9
Total	15,844.4	691.4	0.0	691.4	0.0	0.0	0.0	0.0	691.4	0.0	16,535.8

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: 6/17
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	0.0	0.0	0.0	0.0	1,250.0	0.0	0.0	0.0	1,250.0	0.0	1,250.0
Federal Grant Funds	79.1	461.8	0.0	461.8	0.0	2,655.0	0.0	0.0	3,116.8	0.0	3,195.9
Highway User Revenue Fund	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Regional Transportation Authority Fund	10,506.3	54.9	0.0	54.9	1,312.0	2,657.0	0.0	0.0	4,023.9	43,881.2	58,411.4
Total	10,585.7	516.7	0.0	516.7	2,562.0	5,312.0	0.0	0.0	8,390.7	43,881.2	62,857.6

<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: 6/15 Location: Ward 6</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
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	1,452.0	2,014.2	0.0	2,014.2	0.0	0.0	0.0	0.0	2,014.2	0.0	3,466.2
Total	1,689.4	2,014.2	0.0	2,014.2	0.0	0.0	0.0	0.0	2,014.2	0.0	3,703.6

<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: 6/15 Location: City</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Highway User Revenue Fund	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Regional Transportation Authority Fund	1,134.2	518.6	0.0	518.6	0.0	0.0	0.0	0.0	518.6	0.0	1,652.8
Total	1,134.5	518.6	0.0	518.6	0.0	0.0	0.0	0.0	518.6	0.0	1,653.1

Kolb Road Connection to Sabino Canyon

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.

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

Project ID: SR8A
Start Date: 7/09
End Date: 6/16
Location: Ward 2

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	350.0	0.0	350.0
Federal Grant Funds	0.0	0.0	11,750.0	11,750.0	0.0	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	23.0	3.5	5.0	8.5	5.0	0.0	0.0	0.0	13.5	0.0	36.5
Regional Transportation Authority Fund	7,444.4	650.0	1,616.6	2,266.6	0.0	0.0	0.0	0.0	2,266.6	0.0	9,711.0
Total	7,661.2	653.5	13,371.6	14,025.1	355.0	0.0	0.0	0.0	14,380.1	0.0	22,041.3

Kolb/University of Arizona Science and Tech Park Signal

Description:
Fund the installation of a traffic signal on Kolb Road at the entrance to the University of Arizona Science and Tech Park.

Justification:
The City is required to fund this traffic signal as part of a previously approved development agreement

Project ID: SG12
Start Date: 7/13
End Date: 6/15
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	0.0	250.0	0.0	250.0	0.0	0.0	0.0	0.0	250.0	0.0	250.0
Total	0.0	250.0	0.0	250.0	0.0	0.0	0.0	0.0	250.0	0.0	250.0

Liberty Avenue: Bicycle Boulevard

Description:
Design and build bicycle boulevard improvements along the Liberty Avenue alignment.

Justification:
Bicycle boulevards enhance safety and convenience for commuter bicyclists and encourage the use of alternate modes of transportation.

Project ID: SP04
Start Date: 7/10
End Date: 6/16
Location: Ward 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	8.0	42.0	0.0	42.0	1,050.0	0.0	0.0	0.0	1,092.0	0.0	1,100.0
Highway User Revenue Fund	0.2	0.0	0.0	0.0	40.0	0.0	0.0	0.0	40.0	0.0	40.2
Regional Transportation Authority Fund	76.9	0.0	55.0	55.0	10.0	0.0	0.0	0.0	65.0	0.0	141.9
Total	85.1	42.0	55.0	97.0	1,100.0	0.0	0.0	0.0	1,197.0	0.0	1,282.1

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Improvement Fund	0.0	0.0	13,000.0	13,000.0	0.0	0.0	0.0	0.0	13,000.0	0.0	13,000.0
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
Highway User Revenue Fund	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Mass Transit Funds	80,321.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80,321.6
Regional Transportation Authority Fund	75,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,000.0
Total	156,686.8	0.0	13,000.0	13,000.0	0.0	0.0	0.0	0.0	13,000.0	0.0	169,686.8

<p>Pantano Repaving: Escalante to Irvington</p> <p>Description: Reconstruct the failed pavement section along this segment of Pantano Road.</p> <p>Justification: Federal funds have been allocated through the PAG TIP process.</p>	<p>Project ID: S10T Start Date: 7/12 End Date: 6/15 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	0.0	121.0	57.0	178.0	0.0	0.0	0.0	0.0	178.0	0.0	178.0
Federal Grant Funds	240.4	1,982.3	0.0	1,982.3	0.0	0.0	0.0	0.0	1,982.3	0.0	2,222.7
Highway User Revenue Fund	35.4	26.1	0.0	26.1	0.0	0.0	0.0	0.0	26.1	0.0	61.5
Total	275.8	2,129.4	57.0	2,186.4	0.0	0.0	0.0	0.0	2,186.4	0.0	2,462.2

<p>Park-and-Ride Lot: Houghton</p> <p>Description: Design and construct a park-and-ride lot located on the eastside of the Houghton Road Corridor in the vicinity of Broadway Boulevard.</p> <p>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.</p>	<p>Project ID: MRC1 Start Date: 7/08 End Date: 6/15 Location: Ward 2</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	2,614.7	559.9	0.0	559.9	0.0	0.0	0.0	0.0	559.9	0.0	3,174.6
Total	2,614.7	559.9	0.0	559.9	0.0	0.0	0.0	0.0	559.9	0.0	3,174.6

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	119.6	0.4	499.0	499.4	0.0	0.0	0.0	0.0	499.4	0.0	619.0
Highway User Revenue Fund	7.8	11.8	32.0	43.8	0.0	0.0	0.0	0.0	43.8	0.0	51.6
Regional Transportation Authority Fund	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6
Total	153.0	12.2	531.0	543.2	0.0	0.0	0.0	0.0	543.2	0.0	696.2

<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: 6/16 Location: Ward 6</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	0.0	350.0	0.0	350.0	64.0	0.0	0.0	0.0	414.0	0.0	414.0
Highway User Revenue Fund	48.7	0.0	20.0	20.0	3.5	0.0	0.0	0.0	23.5	0.0	72.2
Total	48.7	350.0	20.0	370.0	67.5	0.0	0.0	0.0	437.5	0.0	486.2

<p>Regional Transportation Data Network</p> <p>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.</p> <p>Justification: Establishment of the RTDN will facilitate the exchange of data and information between jurisdictions, improve traffic flow, and reduce future utility costs.</p>	<p>Project ID: S701 Start Date: 7/06 End Date: 6/15 Location: City</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	2,281.7	774.0	0.0	774.0	0.0	0.0	0.0	0.0	774.0	0.0	3,055.7
Highway User Revenue Fund	121.0	18.4	0.0	18.4	0.0	0.0	0.0	0.0	18.4	0.0	139.4
Total	2,402.7	792.4	0.0	792.4	0.0	0.0	0.0	0.0	792.4	0.0	3,195.1

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	0.0	0.0	0.0	14,843.9	7,910.0	0.0	0.0	13,061.0	35,814.9	0.0	35,814.9
Regional Transportation Authority Fund	0.0	0.0	0.0	378.7	0.0	0.0	0.0	0.0	378.7	0.0	378.7
Total	0.0	0.0	0.0	15,222.6	7,910.0	0.0	0.0	13,061.0	36,193.6	0.0	36,193.6

Replacement Vans for Sun Van

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.)

Justification:
 A regularly scheduled replacement programs saves on maintenance costs and improves schedule efficiency.

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

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	0.0	0.0	0.0	3,924.2	2,931.6	2,088.1	2,438.8	2,666.4	14,049.1	0.0	14,049.1
Total	0.0	0.0	0.0	3,924.2	2,931.6	2,088.1	2,438.8	2,666.4	14,049.1	0.0	14,049.1

Rio Vista Safe Routes to School

Description:
 Design and construct pedestrian improvements near Rio Vista Elementary School including a shared-use path on Limberlost Road.

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

Project ID: SP06
Start Date: 7/12
End Date: 6/15
Location: Ward 3

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	46.4	329.0	0.0	329.0	0.0	0.0	0.0	0.0	329.0	0.0	375.4
Total	46.4	329.0	0.0	329.0	0.0	0.0	0.0	0.0	329.0	0.0	375.4

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	22.2	45.0	0.0	45.0	325.0	0.0	0.0	0.0	370.0	0.0	392.2
	22.2	45.0	0.0	45.0	325.0	0.0	0.0	0.0	370.0	0.0	392.2

<p>RTA Hawks</p> <p>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.</p> <p>Justification: This project was approved for RTA funds in December 2012.</p>	<p>Project ID: SH26 Start Date: 7/13 End Date: 6/15 Location: Wards 3, 4, and 6</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	233.2	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	333.2
Total	233.2	100.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	333.2

Security for Transit										Project ID: M023	
Description: Security equipment for new replacement buses.										Start Date: 7/12	
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.										End Date: 6/19	
										Location: City	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	156.0	0.0	0.0	0.0	361.0	361.0	361.0	205.0	1,288.0	0.0	1,444.0
Total	156.0	0.0	0.0	0.0	361.0	361.0	361.0	205.0	1,288.0	0.0	1,444.0

Silverbell: Ina to Grant Road										Project ID: SR6A	
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.										Start Date: 7/08	
Justification: This project was approved as part of the May 2006 RTA Plan and will improve the traffic carrying capacity of Silverbell.										End Date: 6/21	
										Location: City and County	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
Highway User Revenue Fund	8.9	5.0	0.0	5.0	5.0	5.0	5.0	0.0	20.0	0.0	28.9
Impact Fee Funds	290.0	0.0	0.0	0.0	800.0	800.0	200.0	1,200.0	3,000.0	0.0	3,290.0
Regional Transportation Authority Fund	3,875.3	1,057.8	1,100.3	2,158.1	4,000.0	4,000.0	1,000.0	25,109.9	36,268.0	0.0	40,143.3
Total	4,184.5	1,062.8	1,100.3	2,163.1	4,805.0	4,805.0	1,205.0	26,309.9	39,288.0	0.0	43,472.5

Speedway Boulevard at Union Pacific Underpass										Project ID: S190	
Description: Replace the existing bridge structure for the Speedway Boulevard underpass at the Union Pacific Railroad crossing.										Start Date: 7/09	
Justification: Replacement of the bridge structure will improve motorist safety.										End Date: 6/15	
										Location: Ward 1	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	1,179.6	726.6	0.0	726.6	0.0	0.0	0.0	0.0	726.6	0.0	1,906.2
Highway User Revenue Fund	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Regional Transportation Authority Fund	74.0	25.0	0.0	25.0	0.0	0.0	0.0	0.0	25.0	0.0	99.0
Total	1,254.5	751.6	0.0	751.6	0.0	0.0	0.0	0.0	751.6	0.0	2,006.1

Speedway: Camino Seco to Houghton										Project ID: SR4A	
Description: Design and construct roadway improvement widening the roadway to four-lane arterial with bicycle lanes and sidewalks.										Start Date: 7/06	
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.										End Date: 6/15	
										Location: Ward 4	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6
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	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9
Highway User Revenue Fund: In-Lieu Fees	314.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.2
Impact Fee Funds	2,524.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,524.4
Regional Transportation Authority Fund	12,840.4	8.0	2.0	10.0	2.0	0.0	0.0	0.0	10.0	0.0	12,850.4
Total	16,506.1	8.0	2.0	10.0	2.0	0.0	0.0	0.0	10.0	0.0	16,516.1

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: 6/15
Location: Wards 1, 3, and 6

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	1,542.0	2,376.1	0.0	2,376.1	0.0	0.0	0.0	0.0	2,376.1	0.0	3,918.1
Highway User Revenue Fund	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Regional Transportation Authority Fund	0.0	500.0	0.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	500.0
Total	1,542.1	2,876.1	0.0	2,876.1	0.0	0.0	0.0	0.0	2,876.1	0.0	4,418.2

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: City

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
General Obligation Bonds	0.0	0.0	19,780.0	19,780.0	19,780.0	19,780.0	19,780.0	0.0	79,120.0	0.0	79,120.0
General Obligation Street Bonds: Series 2013	19,800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19,800.0
Total	19,800.0	0.0	19,780.0	19,780.0	19,780.0	19,780.0	19,780.0	0.0	79,120.0	0.0	98,920.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	0.0	0.0	0.0	0.0	2,500.0	2,500.0	0.0	0.0	5,000.0	0.0	5,000.0
Total	0.0	0.0	0.0	0.0	2,500.0	2,500.0	0.0	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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	100.0	14.0	14.0	28.0	0.0	0.0	0.0	0.0	28.0	0.0	128.0
Highway User Revenue Fund	6.1	1.6	1.6	3.2	0.0	0.0	0.0	0.0	3.2	0.0	9.3
Total	106.1	15.6	15.6	31.2	0.0	0.0	0.0	0.0	31.2	0.0	137.3

Transit Centers Improvements										Project ID: M853	
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.										Start Date: 7/08	
										End Date: 6/15	
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.										Location: City	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	439.6	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	489.6
Total	439.6	50.0	0.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	489.6

Transit Facility Improvements (South Park Stormwater Yard)										Project ID: M951	
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.										Start Date: 7/15	
										End Date: 6/16	
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.										Location: City	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Mass Transit Funds	0.0	0.0	0.0	0.0	4,000.0	0.0	0.0	0.0	4,000.0	0.0	4,000.0
Total	0.0	0.0	0.0	0.0	4,000.0	0.0	0.0	0.0	4,000.0	0.0	4,000.0

<p>Treat Avenue Bike Boulevard</p> <p>Description: Construct bike boulevard improvements along the Treat Avenue alignment, providing a low stress north/south bicycle route through midtown.</p> <p>Justification: This project was approved for RTA funds in December 2012.</p>	<p>Project ID: SP12 Start Date: 7/13 End Date: 6/15 Location: Wards 3, 5, and 6</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Regional Transportation Authority Fund	77.4	122.6	0.0	122.6	0.0	0.0	0.0	0.0	122.6	0.0	200.0
Total	77.4	122.6	0.0	122.6	0.0	0.0	0.0	0.0	122.6	0.0	200.0

<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: 6/15 Location: Ward 5</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Federal Grant Funds	149.9	299.2	0.0	299.2	0.0	0.0	0.0	0.0	299.2	0.0	449.1
Highway User Revenue Fund	10.7	37.8	0.0	37.8	0.0	0.0	0.0	0.0	37.8	0.0	48.5
Total	160.6	337.0	0.0	337.0	0.0	0.0	0.0	0.0	337.0	0.0	497.6

<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.</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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Impact Fee Funds	300.0	950.0	350.0	1,300.0	0.0	0.0	0.0	0.0	1,300.0	0.0	1,600.0
Total	300.0	950.0	350.0	1,300.0	0.0	0.0	0.0	0.0	1,300.0	0.0	1,600.0

<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: 6/18 Location: Ward 4</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Highway User Revenue Fund	5.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	10.0	0.0	15.0
Impact Fee Funds	0.0	0.0	0.0	0.0	0.0	0.0	5,000.0	0.0	5,000.0	0.0	5,000.0
Regional Transportation Authority Fund	1,199.0	0.0	0.0	0.0	1,199.0	1,395.0	0.0	0.0	2,594.0	23,288.0	27,081.0
Total	1,204.0	0.0	0.0	0.0	1,204.0	1,400.0	5,000.0	0.0	7,604.0	23,288.0	32,096.0

Tucson Fire



**Capital Improvement Program
Department Statement**

FY 2015 through FY 2019

Department: Tucson Fire

Five-Year Total: \$ 3,165,500

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

The five-year capital program of \$3,165,500 expands the Emergency Communication Center, upgrades infrastructure and provides a critical back-up to the Pima County Sheriff's emergency dispatch center.

Fire

(\$000)

<p>Communications Center Expansion</p> <p>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.</p> <p>Justification: The TOPSC combined Emergency Communications Center is an integral part of the 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.</p>										<p>Project ID: F810 Start Date: 4/12 End Date: 1/15 Location: Ward 5</p>	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Capital Agreement Fund	4,442.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1,521.5	3,165.5	0.0	3,165.5	0.0	0.0	0.0	0.0	3,165.5	0.0	4,687.0
Total	6,465.3	3,165.5	0.0	3,165.5	0.0	0.0	0.0	0.0	3,165.5	0.0	9,630.8

Tucson Water



Capital Improvement Program Department Statement

FY 2015 through FY 2019

Department: Tucson Water

Five-Year Total: \$ 317,379,000

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 \$317.4 million includes improvements to both the potable and reclaimed water systems. The program will be funded with a combination of water revenues, and water system revenue obligation funds, and is contingent on the utility's ability to obtain debt financing.

Potable Water System - These projects total \$286.9 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 \$103.0 million in Renewable Potable Water Supply Projects are included in this five-year program for reservoir and booster, transmission mains, recovery mains, and collector lines. In addition, the following funding is included in the potable portion of the capital improvement program: \$25.6 million for water line relocations or replacements associated with road projects, \$18.2 million for main replacements, \$37.8 million for replacement of old meters, \$29.4 million to preserve the integrity of the Utility's storage facilities by making necessary improvements to reservoirs, and \$16.4 million for updating critical communications infrastructure which has become obsolete.

Reclaimed Water System - These projects total \$30.5 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.

Tucson Water

(\$000)

22nd Street Reservoir Rehab										Project ID: W055 Start Date: 7/13 End Date: 6/15 Location: County	
Description: Design and construct a new standing seam metal roof and rehabilitate the structural steel roof sub-structure. Site deficiencies will also be remedied during construction.											
Justification: The 22nd Street Reservoir roof has reached the end of its service life and is in need of replacement. The roof substructure needs recoating and rehabilitation.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	50.0	0.0	500.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	550.0
Tucson Water Operating Funds	5.6	0.0	1,160.0	1,160.0	0.0	0.0	0.0	0.0	1,160.0	0.0	1,165.6
Total	55.6	0.0	1,660.0	1,660.0	0.0	0.0	0.0	0.0	1,660.0	0.0	1,715.6

48" Aviation/3rd Avenue Cathodic Protection (CP) System										Project ID: W048 Start Date: 11/13 End Date: 6/16 Location: County	
Description: Design and construct the CP to the existing 48-inch 3rd Avenue pipeline.											
Justification: Applied CP will increase the original life span. Failure to apply CP to the pipeline will allow corrosion and over time will degrade and raise the risk of potential pipeline water leaks and possible failures.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	30.0	0.0	120.0	120.0	180.0	0.0	0.0	0.0	300.0	0.0	330.0
Tucson Water Operating Funds	3.4	0.0	13.0	13.0	22.0	0.0	0.0	0.0	35.0	0.0	38.4
Total	33.4	0.0	133.0	133.0	202.0	0.0	0.0	0.0	335.0	0.0	368.4

Arc Flash Service Upgrades										Project ID: W668	
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.										Start Date: 7/07	
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.										End Date: 6/23	
										Location: City and County	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	374.8	0.0	500.0	500.0	500.0	510.0	520.0	530.0	2,560.0	2,500.0	5,434.8
Tucson Water Operating Funds	240.3	0.0	53.0	53.0	62.0	51.0	64.0	77.0	307.0	0.0	547.3
Total	615.1	0.0	553.0	553.0	562.0	561.0	584.0	607.0	2,867.0	2,500.0	5,982.1

Augmentation A-Zone Pressure Regulating Valve (PRV) Station										Project ID: W066	
Description: Design and construct pressure regulating valve station, metering, and control devices.										Start Date: 7/15	
Justification: This shall be completed in order to provide A-zone supply to the Central System from the Avra Valley Augmentation Project.										End Date: 6/20	
										Location: County	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	25.0	127.0	26.0	53.0	231.0	350.0	581.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	3.0	13.0	3.0	8.0	27.0	0.0	27.0
Total	0.0	0.0	0.0	0.0	28.0	140.0	29.0	61.0	258.0	350.0	608.0

<p>Avra Valley Recovery Well Drilling</p> <p>Description: Design and drill water recovery wells AV-020B and SA-013A. Project scope provides for the drilling and constructing stainless steel casing to prevent corrosion.</p> <p>Justification: New wells are needed to meet demand, to replace wells or supplement well capacities, and to provide back-up system capacity.</p>	<p>Project ID: W081 Start Date: 7/14 End Date: 6/15 Location: County</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	1,255.0	1,255.0	0.0	0.0	0.0	0.0	1,255.0	0.0	1,255.0
Tucson Water Operating Funds	0.0	0.0	134.0	134.0	0.0	0.0	0.0	0.0	134.0	0.0	134.0
Total	0.0	0.0	1,389.0	1,389.0	0.0	0.0	0.0	0.0	1,389.0	0.0	1,389.0

<p>Avra Valley Transmission Main Augmentation Phase I</p> <p>Description: This 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.</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: 6/19 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	428.8	200.0	956.0	1,156.0	0.0	0.0	11,737.0	6,154.0	19,047.0	0.0	19,475.8
Tucson Water Operating Funds	105.1	0.0	102.0	102.0	0.0	0.0	1,445.0	7,489.0	9,036.0	0.0	9,141.1
Total	533.9	200.0	1,058.0	1,258.0	0.0	0.0	13,182.0	13,643.0	28,083.0	0.0	28,616.9

<p>Avra Valley Transmission Main Augmentation Phase II</p> <p>Description: Design and construct 4.3 miles of 64-inch transmission main. This is phase two of a three-phase project.</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.</p>	<p>Project ID: W762 Start Date: 7/18 End Date: 6/21 Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.4	0.0	0.0	0.0	0.0	0.0	0.0	143.0	143.0	13,020.0	13,163.4
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	21.0	0.0	21.0
Total	0.4	0.0	0.0	0.0	0.0	0.0	0.0	164.0	164.0	13,020.0	13,184.4

<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 Central Arizona Project (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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	1,284.0	200.0	200.0	400.0	600.0	0.0	0.0	0.0	1,000.0	0.0	2,284.0
Tucson Water Operating Funds	120.2	0.0	906.0	906.0	74.0	0.0	0.0	0.0	980.0	0.0	1,100.2
Total	1,404.2	200.0	1,106.0	1,306.0	674.0	0.0	0.0	0.0	1,980.0	0.0	3,384.2

<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.</p> <p>Justification: This project will provide redundancy of supply to the Clearwater Project.</p>	<p>Project ID: W570 Start Date: 7/18 End Date: 6/22 Location: County</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	2,371.4	0.0	0.0	0.0	0.0	0.0	0.0	265.0	265.0	22,250.0	24,886.4
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	38.0	0.0	38.0
Total	2,371.4	0.0	0.0	0.0	0.0	0.0	0.0	303.0	303.0	22,250.0	24,924.4

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	70.0	0.0	200.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	270.0
Tucson Water Operating Funds	7.9	0.0	21.0	21.0	0.0	0.0	0.0	0.0	21.0	0.0	28.9
Total	77.9	0.0	221.0	221.0	0.0	0.0	0.0	0.0	221.0	0.0	298.9

Cathodic Protection (CP) for Critical Pipelines

Description:
Design and construct CP and corrosion monitoring facilities. These pipelines range from 16 to 96 inches in diameter and are located throughout Tucson Water's service area.

Justification:
This project is necessary to prevent corrosion related failures of the City's largest and most critical potable water pipelines.

Project ID: W320
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	600.0	600.0	600.0	612.0	624.0	636.0	3,072.0	3,000.0	6,072.0
Tucson Water Operating Funds	0.0	0.0	64.0	64.0	74.0	61.0	77.0	92.0	368.0	0.0	469.3
Total	0.0	0.0	664.0	664.0	674.0	673.0	701.0	728.0	3,440.0	3,000.0	6,541.3

Cavalier Estates Phase I

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.

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: W859
Start Date: 7/16
End Date: 6/18
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Future Water Revenue Bonds	2.8	0.0	0.0	0.0	0.0	51.0	728.0	0.0	779.0	0.0	781.8
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	5.0	90.0	0.0	95.0	0.0	95.0
Total	2.8	0.0	0.0	0.0	0.0	56.0	818.0	0.0	874.0	0.0	876.8

CAVSARP Well Pump Improvements

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.

Justification:
Evaluating and upgrading wells will reduce maintenance and improve operating efficiency and reliability.

Project ID: W553
Start Date: Annual
End Date: Annual
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	600.0	600.0	600.0	612.0	624.0	636.0	3,072.0	3,000.0	6,072.0
Tucson Water Operating Funds	0.0	0.0	64.0	64.0	74.0	61.0	77.0	92.0	368.0	0.0	368.0
Total	0.0	0.0	664.0	664.0	674.0	673.0	701.0	728.0	3,440.0	3,000.0	6,440.0

Chlorine System Improvements

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.

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.

Project ID: W649
Start Date: Annual
End Date: Annual
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	50.0	50.0	50.0	51.0	52.0	53.0	256.0	250.0	506.0
Tucson Water Operating Funds	0.0	0.0	5.0	5.0	6.0	5.0	6.0	8.0	30.0	0.0	36.5
Total	0.0	0.0	55.0	55.0	56.0	56.0	58.0	61.0	286.0	250.0	542.5

<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.</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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	50.0	50.0	450.0	0.0	0.0	0.0	500.0	0.0	500.0
Tucson Water Operating Funds	0.0	0.0	5.0	5.0	56.0	0.0	0.0	0.0	61.0	0.0	61.0
Total	0.0	0.0	55.0	55.0	506.0	0.0	0.0	0.0	561.0	0.0	561.0

<p>Clearwell Reservoir Rehabilitation</p> <p>Description: Design and construct new interior shear walls, roof and interior lining. The work will be performed on one cell at a time to minimize disruption to water system operation.</p> <p>Justification: Review of the reservoir revealed a need for structural improvements to comply with seismic code requirements; and the liner and roof have reached the end of their service life and are in need of replacement.</p>	<p>Project ID: W056 Start Date: 7/14 End Date: 6/17 Location: County</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	3,500.0	570.0	0.0	0.0	4,170.0	0.0	4,170.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	434.0	3,358.0	0.0	0.0	3,803.0	0.0	3,803.0
Total	0.0	0.0	111.0	111.0	3,934.0	3,928.0	0.0	0.0	7,973.0	0.0	7,973.0

Cocio Road Main Replacement Phase I

Description:
Design and install 7,550 feet of 6-inch pipe in Cocio Road between Silverbell Road and Trico-Marana Road, and in El Cerrito Lane, Cocoraque Lane, Waterman Lane, Redrock Lane, Quemado Lane, and Wolcott Lane west of Cocio Road.

Justification:
This area has experienced numerous main breaks and customer outages.

Project ID: W070
Start Date: 7/13
End Date: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	70.0	300.0	100.0	400.0	0.0	0.0	0.0	0.0	400.0	0.0	470.0
Tucson Water Operating Funds	41.6	0.0	11.0	11.0	0.0	0.0	0.0	0.0	11.0	0.0	52.6
Total	111.6	300.0	111.0	411.0	0.0	0.0	0.0	0.0	411.0	0.0	522.6

Cocio Road Main Replacement Phase II

Description:
Design and install 6,250 feet of 6-inch pipe, valves and pavement replacement in El Cerrito Lane, Cocoraque Lane, Waterman Lane, Redrock Lane, Quemado Lane, and Wolcott Lane east of Cocio Road between Silverbell Road and Trico-Marana Road.

Justification:
This area has experienced numerous main breaks and customer outages.

Project ID: W076
Start Date: 7/14
End Date: 6/16
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	20.0	20.0	280.0	0.0	0.0	0.0	300.0	0.0	300.0
Tucson Water Operating Funds	0.0	0.0	2.0	2.0	35.0	0.0	0.0	0.0	37.0	0.0	37.0
Total	0.0	0.0	22.0	22.0	315.0	0.0	0.0	0.0	337.0	0.0	337.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	12.0	10.0	13.0	15.0	61.0	0.0	61.0
Future Water Revenue Bonds	0.0	0.0	0.0	0.0	100.0	102.0	104.0	106.0	412.0	500.0	912.0
Total	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	250.0	250.0	250.0	255.0	260.0	265.0	1,280.0	1,250.0	2,530.0
Tucson Water Operating Funds	0.0	0.0	27.0	27.0	31.0	26.0	32.0	38.0	154.0	0.0	154.0
Total	0.0	0.0	277.0	277.0	281.0	281.0	292.0	303.0	1,434.0	1,250.0	2,684.0

<p>Country Club C-Zone Augmentation Transmission Main</p> <p>Description: Design and construct approximately 4.5 miles of 54-inch transmission main from the future Bilby C-Zone Reservoir and Booster Station to the Tech Drive PRV Station.</p> <p>Justification: The new main will deliver renewable water to the C-Zone. This main is parallel to an existing 48-inch main and will provide redundant transmission capacity.</p>	<p>Project ID: W067 Start Date: 7/14 End Date: 6/17 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	250.0	250.0	1,750.0	12,240.0	0.0	0.0	14,240.0	0.0	14,240.0
Tucson Water Operating Funds	0.0	0.0	27.0	27.0	217.0	1,228.0	0.0	0.0	1,472.0	0.0	1,472.0
Total	0.0	0.0	277.0	277.0	1,967.0	13,468.0	0.0	0.0	15,712.0	0.0	15,712.0

<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 Avenues. 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 according to 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	23.2	0.0	980.0	980.0	0.0	0.0	0.0	0.0	980.0	0.0	1,003.2
Tucson Water Operating Funds	3.9	0.0	104.0	104.0	0.0	0.0	0.0	0.0	104.0	0.0	107.9
Total	27.1	0.0	1,084.0	1,084.0	0.0	0.0	0.0	0.0	1,084.0	0.0	1,111.1

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	66.0	66.0	67.0	67.0	70.0	73.0	343.0	300.0	643.0
Total	0.0	0.0	66.0	66.0	67.0	67.0	70.0	73.0	343.0	300.0	643.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	120.0	120.0	120.0	123.0	125.0	128.0	616.0	600.0	1,216.0
Tucson Water Operating Funds	0.0	0.0	13.0	13.0	15.0	12.0	15.0	18.0	73.0	0.0	73.0
Total	0.0	0.0	133.0	133.0	135.0	135.0	140.0	146.0	689.0	600.0	1,289.0

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.

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: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	233.7	1,800.0	0.0	1,800.0	0.0	0.0	0.0	0.0	1,800.0	0.0	2,033.7
Tucson Water Operating Funds	225.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	225.5
Total	459.2	1,800.0	0.0	1,800.0	0.0	0.0	0.0	0.0	1,800.0	0.0	2,259.2

Dove Mountain Reclaimed Tank Lining

Description:
 Design and construct a new liner at the Dove Mountain Reclaimed Tank.

Justification:
 The coatings and linings of the tank have reached the end of their service life and require replacement to prevent accelerated deterioration of the tank.

Project ID: W052
Start Date: 7/14
End Date: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	0.0	0.0	0.0	0.0	11.0	0.0	11.0
Total	0.0	0.0	111.0	111.0	0.0	0.0	0.0	0.0	111.0	0.0	111.0

Drexel Road to Nebraska Road A-Zone Transmission Main										Project ID: W851	
Description: Design and construct 3,000 feet of 16-inch diameter A-Zone transmission main.										Start Date: 7/14	
										End Date: 6/17	
Justification: This transmission main will connect the future Avra Valley Augmentation B to A PRV station at Drexel Road and Santa Cruz Lane with 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.										Location: Ward 1	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	15.0	15.0	35.0	306.0	0.0	0.0	356.0	0.0	356.0
Tucson Water Operating Funds	0.0	0.0	2.0	2.0	4.0	31.0	0.0	0.0	37.0	0.0	37.0
Total	0.0	0.0	17.0	17.0	39.0	337.0	0.0	0.0	393.0	0.0	393.0

Effluent Pump Station Expansion										Project ID: W049	
Description: This project expands the existing Tertiary/Secondary Effluent Pumping Station (T/SEPS) wetwell at Roger Road to match the filtration system upgrade (W-774).										Start Date: 7/13	
										End Date: 6/16	
Justification: Pumping capacity will be increased, a new pipeline will deliver the increased flow to the existing chlorine contact basin, and a secondary gravity pipeline will be added from the basin to the existing reclaimed reservoir to reduce the likelihood of basin overflow.										Location: Ward 1	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	150.0	0.0	50.0	50.0	1,550.0	0.0	0.0	0.0	1,600.0	0.0	1,750.0
Tucson Water Operating Funds	16.8	0.0	5.0	5.0	192.0	0.0	0.0	0.0	197.0	0.0	213.8
Total	166.8	0.0	55.0	55.0	1,742.0	0.0	0.0	0.0	1,797.0	0.0	1,963.8

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	327.4	0.0	200.0	200.0	200.0	204.0	208.0	212.0	1,024.0	1,000.0	2,351.4
Tucson Water Operating Funds	5.9	0.0	21.0	21.0	25.0	20.0	26.0	31.0	123.0	0.0	128.9
Total	333.3	0.0	221.0	221.0	225.0	224.0	234.0	243.0	1,147.0	1,000.0	2,480.3

<p>Equip Reclaimed Well EW-009A</p> <p>Description: Install pumping control equipment and discharge piping to recover recharged effluent water and increase the capacity of the reclaimed system.</p> <p>Justification: This extraction well will extract recharged reclaimed water from recharge basins 9, 10, and 11 and will be a supply source for the existing Tucson Water reclaimed water system.</p>	<p>Project ID: W700 Start Date: 7/12 End Date: 6/15 Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.2	0.0	450.0	450.0	0.0	0.0	0.0	0.0	450.0	0.0	450.2
Tucson Water Operating Funds	5.4	0.0	48.0	48.0	0.0	0.0	0.0	0.0	48.0	0.0	53.4
Total	5.6	0.0	498.0	498.0	0.0	0.0	0.0	0.0	498.0	0.0	503.6

<p>Equip Reclaimed Well EW-010A</p> <p>Description: Install pumping control equipment and discharge piping to recover recharged effluent water and increase the capacity of the reclaimed system.</p> <p>Justification: This well will extract recharged reclaimed water from recharge basins 9, 10, and 11 and will increase the reliability of the reclaimed water system.</p>	<p>Project ID: W047 Start Date: 7/14 End Date: 6/15 Location: Ward 3</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	450.0	450.0	0.0	0.0	0.0	0.0	450.0	0.0	450.0
Tucson Water Operating Funds	0.0	0.0	48.0	48.0	0.0	0.0	0.0	0.0	48.0	0.0	48.0
Total	0.0	0.0	498.0	498.0	0.0	0.0	0.0	0.0	498.0	0.0	498.0

<p>Equip Well A-061</p> <p>Description: Design and equip Well A-061. Equipping of wells is necessary to put a newly drilled well into service.</p> <p>Justification: Well A-061 is needed to supplement water supply in the northwest portion of Tucson Water's system.</p>	<p>Project ID: W061 Start Date: 7/16 End Date: 6/18 Location: Ward 3</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	51.0	364.0	0.0	415.0	0.0	415.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	5.0	45.0	0.0	50.0	0.0	50.0
Total	0.0	0.0	0.0	0.0	0.0	56.0	409.0	0.0	465.0	0.0	465.0

Equip Well W-006

Description:
Design and equip Well W-006. The existing service area is an isolated system and is supplied by only one well, W-001.

Justification:
This new well would provide a level of redundancy in the event of failure or maintenance requirements of Well W-001.

Project ID: W062
Start Date: 7/14
End Date: 6/16
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	139.0	139.0	300.0	0.0	0.0	0.0	439.0	0.0	439.0
Tucson Water Operating Funds	0.0	0.0	15.0	15.0	37.0	0.0	0.0	0.0	52.0	0.0	52.0
Total	0.0	0.0	154.0	154.0	337.0	0.0	0.0	0.0	491.0	0.0	491.0

Escalante Reservoir

Description:
Design and construct improvements as developed through the condition assessment to bring this reservoir up to current standards.

Justification:
This project must be completed to continue to provide long-term reliability and prevent water loss.

Project ID: W051
Start Date: 7/14
End Date: 6/17
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	100.0	510.0	0.0	0.0	710.0	0.0	710.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	12.0	51.0	0.0	0.0	74.0	0.0	74.0
Total	0.0	0.0	111.0	111.0	112.0	561.0	0.0	0.0	784.0	0.0	784.0

<p>Extensions for New Services</p> <p>Description: Design and install minor extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer.</p> <p>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.</p>	<p>Project ID: W107 Start Date: Annual End Date: Annual Location: City and County</p>
--	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0
Total	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0

<p>Facility Safety and Security Infrastructure</p> <p>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.</p> <p>Justification: This long-range project will provide security for approximately 794 parcels owned by Tucson Water.</p>	<p>Project ID: W381 Start Date: Annual End Date: Annual Location: City and County</p>
---	--

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	1,000.0	1,000.0	1,000.0	1,020.0	1,040.0	1,060.0	5,120.0	5,000.0	10,120.0
Tucson Water Operating Funds	0.0	0.0	106.0	106.0	124.0	102.0	128.0	153.0	613.0	0.0	613.0
Total	0.0	0.0	1,106.0	1,106.0	1,124.0	1,122.0	1,168.0	1,213.0	5,733.0	5,000.0	10,733.0

Filtration Modifications at Reclaimed Plant										Project ID: W774	
Description:										Start Date: 7/13	
Filters must be expanded for the reclaimed water plant at Roger Road because Pima County has permitted its new "Agua Nueva" wastewater treatment plant as a B+ facility. The existing filter plant will be reconfigured to increase the capacity from 10 million gallons per day (mgd) to 15 mgd with provision for eventual expansion to 20 mgd.										End Date: 6/16	
Justification:										Location: Ward 1	
This will provide additional reliability for the reclaimed plant. Needed programming upgrades will be coordinated with ongoing Supervisory Control and Data Acquisition (SCADA) work, and the wetwell will be expanded as a separate project (W049).											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	268.6	0.0	2,250.0	2,250.0	4,000.0	0.0	0.0	0.0	6,250.0	0.0	6,518.6
Tucson Water Operating Funds	6.6	0.0	239.0	239.0	496.0	0.0	0.0	0.0	735.0	0.0	741.6
Total	275.2	0.0	2,489.0	2,489.0	4,496.0	0.0	0.0	0.0	6,985.0	0.0	7,260.2

Fire Services										Project ID: W124	
Description:										Start Date: Annual	
Design and install fire hydrants and fire sprinkler service connections in areas needed upon customer request and payment of connection fees.										End Date: Annual	
Justification:										Location: City and County	
This project is required to provide for the installation of new fire hydrants and fire services to customers upon request.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	2,102.0	2,102.0	2,135.0	2,132.0	2,336.0	2,426.0	11,131.0	10,000.0	21,131.0
Total	0.0	0.0	2,102.0	2,102.0	2,135.0	2,132.0	2,336.0	2,426.0	11,131.0	10,000.0	21,131.0

Golf Links Main Replacement Phase I										Project ID: W847	
Description: Design and install 1,400 feet of 8-inch pipe in 34th and 35th Streets, Golf Links Road, Sahuara and Rook Avenues. This project will relocate 90 water meters from alleys into streets.										Start Date: 7/11	
										End Date: 9/14	
Justification: This area has been identified as having an above average amount of main breaks according to 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.										Location: Ward 4	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	212.1	300.0	0.0	300.0	0.0	0.0	0.0	0.0	300.0	0.0	512.1
Tucson Water Operating Funds	56.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.2
Total	268.3	300.0	0.0	300.0	0.0	0.0	0.0	0.0	300.0	0.0	568.3

Golf Links Main Replacement Phase II										Project ID: W849	
Description: Design and install 1,600 feet of 8-inch pipe in 33rd and 34th Streets, Calle Silvosa, Sahuara and Zuni Avenues. This project will relocate 70 water meters from alleys into streets.										Start Date: 7/14	
										End Date: 6/16	
Justification: This area has been identified as having an above average amount of main breaks according to 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.										Location: Ward 4	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	30.0	30.0	471.0	0.0	0.0	0.0	501.0	0.0	501.0
Tucson Water Operating Funds	0.0	0.0	3.0	3.0	58.0	0.0	0.0	0.0	61.0	0.0	61.0
Total	0.0	0.0	33.0	33.0	529.0	0.0	0.0	0.0	562.0	0.0	562.0

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.

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	50.0	969.0	0.0	0.0	1,019.0	0.0	1,019.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	6.0	97.0	0.0	0.0	103.0	0.0	103.0
Total	0.0	0.0	0.0	0.0	56.0	1,066.0	0.0	0.0	1,122.0	0.0	1,122.0

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.

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

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	57.5	0.0	850.0	850.0	500.0	8,670.0	5,054.0	0.0	15,074.0	0.0	15,131.5
Tucson Water Operating Funds	6.1	0.0	90.0	90.0	62.0	870.0	622.0	0.0	1,644.0	0.0	1,650.1
Total	63.6	0.0	940.0	940.0	562.0	9,540.0	5,676.0	0.0	16,718.0	0.0	16,781.6

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	644.3	200.0	250.0	450.0	300.0	236.0	0.0	0.0	986.0	0.0	1,630.3
Tucson Water Operating Funds	82.8	0.0	27.0	27.0	37.0	24.0	0.0	0.0	88.0	0.0	170.8
Total	727.1	200.0	277.0	477.0	337.0	260.0	0.0	0.0	1,074.0	0.0	1,801.1

La Paloma Reservoir Electrical System Upgrade

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.

Justification:
This project will significantly upgrade the electrical system and replace existing booster pump motors with high efficiency motors.

Project ID: W834
Start Date: 7/12
End Date: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	50.0	0.0	225.0	225.0	0.0	0.0	0.0	0.0	225.0	0.0	275.0
Tucson Water Operating Funds	5.9	0.0	24.0	24.0	0.0	0.0	0.0	0.0	24.0	0.0	29.9
Total	55.9	0.0	249.0	249.0	0.0	0.0	0.0	0.0	249.0	0.0	304.9

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	1,101.7	0.0	600.0	600.0	600.0	612.0	624.0	636.0	3,072.0	3,000.0	7,173.7
Tucson Water Operating Funds	458.4	0.0	64.0	64.0	74.0	61.0	77.0	92.0	368.0	0.0	826.4
Total	1,560.1	0.0	664.0	664.0	674.0	673.0	701.0	728.0	3,440.0	3,000.0	8,000.1

<p>Manzanita Tank Lining</p> <p>Description: Design and construct a new liner at the Manzanita steel tank. Design and construction will be in Fiscal Year 2016.</p> <p>Justification: These lines, primarily galvanized steel or HDPE, are replaced by new copper service lines as needed.</p>	<p>Project ID: W054 Start Date: 7/15 End Date: 6/16 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	600.0	0.0	0.0	0.0	600.0	0.0	600.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	74.0	0.0	0.0	0.0	74.0	0.0	74.0
Total	0.0	0.0	0.0	0.0	674.0	0.0	0.0	0.0	674.0	0.0	674.0

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.

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: W791
Start Date: 7/12
End Date: 6/15
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	8.3	0.0	870.0	870.0	0.0	0.0	0.0	0.0	870.0	0.0	678.3
Tucson Water Operating Funds	26.1	0.0	93.0	93.0	0.0	0.0	0.0	0.0	93.0	0.0	119.1
Total	34.4	0.0	963.0	963.0	0.0	0.0	0.0	0.0	963.0	0.0	797.4

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 began in Fiscal Year 2014 and construction will be completed in Fiscal Year 2015.

Justification:
This area has been identified as having an above average amount of main breaks according to 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: W792
Start Date: 7/13
End Date: 6/15
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	50.7	0.0	1,180.0	1,180.0	0.0	0.0	0.0	0.0	1,180.0	0.0	1,230.7
Tucson Water Operating Funds	5.6	0.0	126.0	126.0	0.0	0.0	0.0	0.0	126.0	0.0	131.6
Total	56.3	0.0	1,306.0	1,306.0	0.0	0.0	0.0	0.0	1,306.0	0.0	1,362.3

Maryvale Manor Subdivision, Phase III

Description:
Design and install approximately 2,800 feet of 6-inch pipe in 34th, 35th, 36th Streets, Van Buren and Sahuara Avenues. This project will relocate 78 water meters from alleys into streets.

Justification:
This area has been identified as having an above average amount of main breaks according to 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: 9/15
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	58.5	500.0	0.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	558.5
Tucson Water Operating Funds	63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0
Total	121.5	500.0	0.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	621.5

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	50.0	50.0	722.0	0.0	0.0	0.0	772.0	0.0	772.0
Tucson Water Operating Funds	0.0	0.0	5.0	5.0	89.0	0.0	0.0	0.0	94.0	0.0	94.0
Total	0.0	0.0	55.0	55.0	811.0	0.0	0.0	0.0	866.0	0.0	866.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	2,582.0	2,582.0	1,051.0	1,227.0	1,409.0	1,300.0	7,569.0	25,000.0	32,569.0
Tucson Water Operating Funds	0.0	0.0	3,051.0	3,051.0	6,873.0	4,524.0	6,912.0	4,766.0	26,126.0	0.0	26,126.0
Total	0.0	0.0	5,633.0	5,633.0	7,924.0	5,751.0	8,321.0	6,066.0	33,695.0	25,000.0	58,695.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	11.0	11.0	12.0	12.0	57.0	50.0	107.0
Total	0.0	0.0	11.0	11.0	11.0	11.0	12.0	12.0	57.0	50.0	107.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	55.0	55.0	56.0	56.0	58.0	61.0	286.0	250.0	536.0
Total	0.0	0.0	55.0	55.0	56.0	56.0	58.0	61.0	286.0	250.0	536.0

<p>Northgate Subdivision, Phase II</p> <p>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.</p> <p>Justification: This area has been identified as having an above average amount of main breaks according to 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: W790 Start Date: 7/11 End Date: 6/15 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	16.6	0.0	1,190.0	1,190.0	0.0	0.0	0.0	0.0	1,190.0	0.0	1,206.6
Tucson Water Operating Funds	0.0	0.0	127.0	127.0	0.0	0.0	0.0	0.0	127.0	0.0	127.0
Total	16.6	0.0	1,317.0	1,317.0	0.0	0.0	0.0	0.0	1,317.0	0.0	1,333.6

<p>North Satellite Facility Maintenance Shop</p> <p>Description: Design and construct a new maintenance shop at the North Satellite Facility.</p> <p>Justification: Providing this on-site shop building will increase staff productivity and efficiency, reduce fuel consumption and lessen response time for both scheduled and emergency repairs.</p>	<p>Project ID: W073 Start Date: 7/13 End Date: 6/15 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	300.0	300.0	0.0	0.0	0.0	0.0	300.0	0.0	300.0
Tucson Water Operating Funds	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	32.0	0.0	32.0
Total	0.0	0.0	332.0	332.0	0.0	0.0	0.0	0.0	332.0	0.0	332.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	400.0	400.0	400.0	408.0	416.0	424.0	2,048.0	2,000.0	4,048.0
Tucson Water Operating Funds	0.0	0.0	43.0	43.0	50.0	41.0	51.0	61.0	246.0	0.0	246.0
Total	0.0	0.0	443.0	443.0	450.0	449.0	467.0	485.0	2,294.0	2,000.0	4,294.0

Park Avenue B-Zone Augmentation Main

Description:
Design and construct approximately four miles of transmission main pipe to convey B-Zone water from the Avra Valley Augmentation Main at Bilby Road to the 24th Street PRV along Park Ave.

Justification:
The main is required to provide a redundant source of supply to B-Zone water in the event the 96-inch Snyder Hill Pumping Station (SHPS)/Clearwell system fails.

Project ID: W068
Start Date: 7/18
End Date: 6/21
Location: Ward 5

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	795.0	795.0	9,200.0	9,995.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.0	115.0	0.0	115.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	910.0	910.0	9,200.0	10,110.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0
Total	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	200.0	200.0	200.0	204.0	208.0	212.0	1,024.0	1,000.0	2,024.0
Tucson Water Operating Funds	0.0	0.0	21.0	21.0	25.0	20.0	26.0	31.0	123.0	0.0	123.0
Total	0.0	0.0	221.0	221.0	225.0	224.0	234.0	243.0	1,147.0	1,000.0	2,147.0

Potable Motor Operated Valve (MOV) at Thornydale Reclaimed Reservoir

Description:
Replace the 12-inch flow meter with a 12-inch magnetic meter. Add a motor operated valve to allow water operations to control the valve from the reclaimed plant.

Justification:
This will enable reclaimed operators to deliver reclaimed water credits to the reclaimed system, via potable water piping remotely. This will save time by not having to dispatch personnel to this site and assure faster response time.

Project ID: W086
Start Date: 7/14
End Date: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	75.0	75.0	0.0	0.0	0.0	0.0	75.0	0.0	75.0
Tucson Water Operating Funds	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	8.0	0.0	8.0
Total	0.0	0.0	83.0	83.0	0.0	0.0	0.0	0.0	83.0	0.0	83.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	450.0	450.0	450.0	459.0	468.0	477.0	2,304.0	2,580.0	4,884.0
Tucson Water Operating Funds	0.0	0.0	48.0	48.0	56.0	46.0	58.0	69.0	277.0	0.0	277.0
Total	0.0	0.0	498.0	498.0	506.0	505.0	526.0	546.0	2,581.0	2,580.0	5,161.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	75.0	75.0	75.0	76.0	78.0	80.0	384.0	375.0	759.0
Tucson Water Operating Funds	0.0	0.0	8.0	8.0	9.0	8.0	10.0	11.0	46.0	0.0	46.0
Total	0.0	0.0	83.0	83.0	84.0	84.0	88.0	91.0	430.0	375.0	805.0

Pumping Facility Modifications

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.

Justification:
 These modifications are needed to ensure that system flows are monitored and logged to improve pump efficiency and dependability and to increase capacity.

Project ID: W254
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	310.0	310.0	310.0	316.0	322.0	329.0	1,587.0	1,550.0	3,137.0
Tucson Water Operating Funds	0.0	0.0	33.0	33.0	38.0	32.0	40.0	47.0	190.0	0.0	190.0
Total	0.0	0.0	343.0	343.0	348.0	348.0	362.0	376.0	1,777.0	1,550.0	3,327.0

Reclaimed Booster Expansion

Description:
 Design and expand the Reclaimed Booster Pumping Facility on Sweetwater Drive.

Justification:
 Additional booster pumps, and appurtenances are needed to increase the discharge capacity. Modifications to adjacent piping will allow for higher flow rates, and mitigate excessive piping velocities.

Project ID: W761
Start Date: 7/18
End Date: 6/21
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280.0	280.0	4,250.0	4,530.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	41.0	0.0	41.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321.0	321.0	4,250.0	4,571.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	100.0	102.0	104.0	106.0	512.0	500.0	1,012.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	12.0	10.0	13.0	15.0	61.0	0.0	61.0
Total	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	50.0	50.0	50.0	51.0	52.0	53.0	256.0	250.0	506.0
Tucson Water Operating Funds	0.0	0.0	5.0	5.0	6.0	5.0	6.0	8.0	30.0	0.0	30.0
Total	0.0	0.0	55.0	55.0	56.0	56.0	58.0	61.0	286.0	250.0	536.0

Reclaimed Pumping Facility Modifications

Description:
Replace or modify pumps, motors, and associated equipment at reclaimed water boosters as the need occurs.

Justification:
These modifications are needed to ensure the system flows are monitored and logged to improve pump efficiency, dependability, and increase production capacity.

Project ID: W454
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	50.0	50.0	50.0	51.0	52.0	53.0	256.0	250.0	506.0
Tucson Water Operating Funds	0.0	0.0	5.0	5.0	6.0	5.0	6.0	8.0	30.0	0.0	30.0
Total	0.0	0.0	55.0	55.0	56.0	56.0	58.0	61.0	286.0	250.0	536.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	200.0	200.0	400.0	306.0	312.0	318.0	1,536.0	1,500.0	3,036.0
Tucson Water Operating Funds	0.0	0.0	21.0	21.0	50.0	31.0	38.0	46.0	186.0	0.0	186.0
Total	0.0	0.0	221.0	221.0	450.0	337.0	350.0	364.0	1,722.0	1,500.0	3,222.0

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 2015.

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: 8/15
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	4,513.3	200.0	0.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	4,713.3
Tucson Water Operating Funds	510.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	510.7
Total	5,024.0	200.0	0.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	5,224.0

Recycled Water 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: 6/16
Location: Citywide

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	1,993.4	0.0	200.0	200.0	200.0	0.0	0.0	0.0	400.0	0.0	2,393.4
Tucson Water Operating Funds	56.1	0.0	21.0	21.0	25.0	0.0	0.0	0.0	46.0	0.0	102.1
Total	2,049.5	0.0	221.0	221.0	225.0	0.0	0.0	0.0	446.0	0.0	2,495.5

Regional Reclaimed Facility: Effluent Pumping

Description:
Design and construct a wetwell (capture point), effluent pumps, and piping at Pima County's reconstructed Roger Road Wastewater Treatment Plant. The project scope must also include the design and construction of chloramination facilities as well as a water quality sampling program to optimize chloramination feed rates.

Justification:
The wetwell 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.

Project ID: W708
Start Date: 7/10
End Date: 6/15
Location: Ward 1

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	5,590.3	400.0	200.0	600.0	0.0	0.0	0.0	0.0	600.0	0.0	6,190.3
Tucson Water Operating Funds	392.9	0.0	21.0	21.0	0.0	0.0	0.0	0.0	21.0	0.0	413.9
Total	5,983.2	400.0	221.0	621.0	0.0	0.0	0.0	0.0	621.0	0.0	6,604.2

Rehabilitation of Critical Transmission Mains

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.

Justification:
This project will upgrade, strengthen and improve the integrity of the pipe to provide continuous water delivery and prevent interruptions in service.

Project ID: W518
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	320.0	320.0	320.0	326.0	312.0	318.0	1,596.0	1,500.0	3,096.0
Tucson Water Operating Funds	0.0	0.0	34.0	34.0	40.0	33.0	38.0	46.0	191.0	0.0	191.0
Total	0.0	0.0	354.0	354.0	360.0	359.0	350.0	364.0	1,787.0	1,500.0	3,287.0

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.

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	1,400.0	1,400.0	2,000.0	1,836.0	5,549.0	438.0	11,223.0	11,500.0	22,723.0
Tucson Water Operating Funds	0.0	0.0	149.0	149.0	248.0	184.0	683.0	2,352.0	3,616.0	0.0	3,616.0
Total	0.0	0.0	1,549.0	1,549.0	2,248.0	2,020.0	6,232.0	2,790.0	14,839.0	11,500.0	26,339.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	500.0	500.0	0.0	0.0	520.0	0.0	1,020.0	2,500.0	3,520.0
Tucson Water Operating Funds	0.0	0.0	53.0	53.0	562.0	561.0	64.0	607.0	1,847.0	0.0	1,847.0
Total	0.0	0.0	553.0	553.0	562.0	561.0	584.0	607.0	2,867.0	2,500.0	5,367.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	1,051.0	1,051.0	1,068.0	1,066.0	1,110.0	1,152.0	5,447.0	4,750.0	10,197.0
Total	0.0	0.0	1,051.0	1,051.0	1,068.0	1,066.0	1,110.0	1,152.0	5,447.0	4,750.0	10,197.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	1,000.0	1,000.0	2,000.0	2,062.0	1,305.0	1,544.0	1,770.0	8,681.0	17,500.0	26,181.0
Tucson Water Operating Funds	0.0	0.0	4,532.0	4,532.0	2,434.0	3,184.0	3,128.0	3,689.0	16,967.0	0.0	16,967.0
Total	0.0	1,000.0	5,532.0	6,532.0	4,496.0	4,489.0	4,672.0	5,459.0	25,648.0	17,500.0	43,148.0

SA-012A Recovery Well Drilling

Description:
Design and drill water recovery well SA-012A. Project scope provides for the drilling and constructing stainless steel casing to prevent corrosion. Additional wells will allow the Southern Avra Valley Storage and Recovery Project (SAVSARP) well field to be operated more efficiently.

Justification:
This will enable more complete utilization of the recharged CAP water, allowing additional withdrawals as recharge capacity increases, as well as reliability while other wells are down for maintenance.

Project ID: W082
Start Date: 7/15
End Date: 6/16
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	600.0	0.0	0.0	0.0	600.0	0.0	600.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	74.0	0.0	0.0	0.0	74.0	0.0	74.0
Total	0.0	0.0	0.0	0.0	674.0	0.0	0.0	0.0	674.0	0.0	674.0

SA-016A Recovery Well Drilling

Description:
Design and drill water recovery well SA-016A. Project scope provides for the drilling and constructing stainless steel casing to prevent corrosion. Additional wells will allow the SAVSARP well field to be operated more efficiently.

Justification:
This will enable more complete utilization of the recharged CAP water, allowing additional withdrawals as recharge capacity increases, as well as reliability while other wells are down for maintenance.

Project ID: W082
Start Date: 7/15
End Date: 6/16
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	624.0	0.0	624.0	0.0	624.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	77.0	0.0	77.0	0.0	77.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	701.0	0.0	701.0	0.0	701.0

SA-019A/SA-021A Recovery Well Drilling

Description:
Design and drill water recovery well SA-019A and SA-021A. Project scope provides for the drilling and constructing stainless steel casing to prevent corrosion. Additional wells will allow the SAVSARP well field to be operated more efficiently.

Justification:
This will enable more complete utilization of the recharged CAP water, allowing additional withdrawals as recharge capacity increases, as well as reliability while other wells are down for maintenance.

Project ID: W084
Start Date: 7/16
End Date: 6/17
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	1,166.0	0.0	0.0	1,166.0	0.0	1,166.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	117.0	0.0	0.0	117.0	0.0	117.0
Total	0.0	0.0	0.0	0.0	0.0	1,283.0	0.0	0.0	1,283.0	0.0	1,283.0

SA-023A Recovery Well Drilling

Description:
Design and drill water recovery well SA-023A. Project scope provides for the drilling and constructing stainless steel casing to prevent corrosion. Additional wells will allow the SAVSARP well field to be operated more efficiently.

Justification:
This will enable more complete utilization of the recharged CAP water, allowing additional withdrawals as recharge capacity increases, as well as reliability while other wells are down for maintenance.

Project ID: W085
Start Date: 7/18
End Date: 6/19
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	636.0	636.0	0.0	636.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.0	92.0	0.0	92.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	728.0	728.0	0.0	728.0

<p>Sahuarita Supply Line Slip Liner</p> <p>Description: Design and install a 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	70.0	100.0	2,971.0	3,071.0	0.0	0.0	0.0	0.0	3,071.0	0.0	3,141.0
Tucson Water Operating Funds	26.6	0.0	4,718.0	4,718.0	0.0	0.0	0.0	0.0	4,718.0	0.0	4,744.6
Total	96.6	100.0	7,689.0	7,789.0	0.0	0.0	0.0	0.0	7,789.0	0.0	7,885.6

<p>San Paulo Village Main Replacement Phase I</p> <p>Description: Design and install 3,300 feet of 6-inch pipe in Sylvane and 28th Streets. 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.</p> <p>Justification: This area has been identified as having an above average amount of main breaks according to 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: W850 Start Date: 7/15 End Date: 6/17 Location: Ward 4</p>
--	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	30.0	481.0	0.0	0.0	511.0	0.0	511.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	4.0	48.0	0.0	0.0	52.0	0.0	52.0
Total	0.0	0.0	0.0	0.0	34.0	529.0	0.0	0.0	563.0	0.0	563.0

San Paulo Village Main Replacement Phase II										Project ID: W041	
Description: Design and install 6,200 feet of 6-inch pipe in Sahuara and 28th Street, 2nd Street, and Wilmot Road. 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.										Start Date: 7/14	
Justification: This area has been identified as having an above average amount of main breaks according to 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.										End Date: 6/16	
										Location: Ward 4	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	260.0	260.0	2,600.0	0.0	0.0	0.0	2,860.0	0.0	2,860.0
Tucson Water Operating Funds	0.0	0.0	28.0	28.0	322.0	0.0	0.0	0.0	350.0	0.0	350.0
Total	0.0	0.0	288.0	288.0	2,922.0	0.0	0.0	0.0	3,210.0	0.0	3,210.0

San Paulo Village Main Replacement Phase III										Project ID: W071	
Description: Design and install 4,298 feet of 8-inch pipe and 1,200 feet of 6-inch pipe in Alamo, 22nd Street, 25th Street, and Wilmot Road. This project will relocate 96 water meters from alleys into streets and replace 5 existing fire hydrants.										Start Date: 7/17	
Justification: This area has been identified as having an above average amount of main breaks according to 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.										End Date: 6/19	
										Location: Ward 4	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	52.0	795.0	847.0	0.0	847.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	6.0	115.0	121.0	0.0	121.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	58.0	910.0	968.0	0.0	968.0

<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 Well Field 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	20.0	0.0	275.0	275.0	0.0	0.0	0.0	0.0	275.0	0.0	295.0
Tucson Water Operating Funds	2.2	0.0	29.0	29.0	0.0	0.0	0.0	0.0	29.0	0.0	31.2
Total	22.2	0.0	304.0	304.0	0.0	0.0	0.0	0.0	304.0	0.0	326.2

<p>Santa Cruz Well Field 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 SCADA.</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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	1,945.9	300.0	3,000.0	3,300.0	0.0	0.0	0.0	0.0	3,300.0	0.0	5,245.9
Tucson Water Operating Funds	124.4	0.0	319.0	319.0	0.0	0.0	0.0	0.0	319.0	0.0	443.4
Total	2,070.3	300.0	3,319.0	3,619.0	0.0	0.0	0.0	0.0	3,619.0	0.0	5,689.3

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	75.0	0.0	1,200.0	1,200.0	0.0	0.0	0.0	0.0	1,200.0	0.0	1,275.0
Tucson Water Operating Funds	8.4	0.0	128.0	128.0	0.0	0.0	0.0	0.0	128.0	0.0	136.4
Total	83.4	0.0	1,328.0	1,328.0	0.0	0.0	0.0	0.0	1,328.0	0.0	1,411.4

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.

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: 6/15
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	227.2	300.0	370.0	670.0	0.0	0.0	0.0	0.0	670.0	0.0	897.2
Tucson Water Operating Funds	64.1	0.0	39.0	39.0	0.0	0.0	0.0	0.0	39.0	0.0	103.1
Total	291.3	300.0	409.0	709.0	0.0	0.0	0.0	0.0	709.0	0.0	1,000.3

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. This schedule will match the drilling and equipping schedule of the SAVSARP recovery wells.										End Date: 6/15	
										Location: County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	10.7	0.0	1,084.0	1,084.0	0.0	0.0	0.0	0.0	1,084.0	0.0	1,094.7
Tucson Water Operating Funds	1.6	0.0	115.0	115.0	0.0	0.0	0.0	0.0	115.0	0.0	116.6
Total	12.3	0.0	1,199.0	1,199.0	0.0	0.0	0.0	0.0	1,199.0	0.0	1,211.3

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	2.0	0.0	0.0	0.0	29.0	1,527.0	0.0	0.0	1,556.0	0.0	1,558.0
Tucson Water Operating Funds	1.6	0.0	0.0	0.0	4.0	153.0	0.0	0.0	157.0	0.0	158.6
Total	3.6	0.0	0.0	0.0	33.0	1,680.0	0.0	0.0	1,713.0	0.0	1,716.6

SAVSARP Collector Lines Phase IV										Project ID: W829	
Description: Design and construct approximately 3,800 feet of 16-inch pipe, and 5,000 feet of 24-inch pipe. Design will begin in Fiscal Year 2019 followed by construction in Fiscal Year 2020.										Start Date: 7/18	
Justification: This is to convey water from Wells SA-012A, SA-0123A, SA-019A, SA-021A and AV-020B to the SAVSARP Reservoir and Booster Station. This schedule will match the drilling and equipping schedule of the SAVSARP recovery wells.										End Date: 6/20	
										Location: County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	36.0	1,353.0	1,389.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	5.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	41.0	1,353.0	1,394.0

SAVSARP Phase II Well Equipping										Project ID: W063	
Description: Design and equip Wells SA-003A, SA-010A, SA-017A, SA-018A, and SA-020A. Design and construction will be in Fiscal Year 2015.										Start Date: 7/14	
Justification: Equipping of wells is necessary to put a newly drilled well into service. Phase II will continue development of recovery of recharged CAP water with the SAVSARP.										End Date: 6/15	
										Location: County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	500.0	500.0	0.0	0.0	0.0	0.0	500.0	0.0	500.0
Tucson Water Operating Funds	0.0	0.0	1,713.0	1,713.0	0.0	0.0	0.0	0.0	1,713.0	0.0	1,713.0
Total	0.0	0.0	2,213.0	2,213.0	0.0	0.0	0.0	0.0	2,213.0	0.0	2,213.0

<p>SAVSARP Phase III Well Equipping</p> <p>Description: Design and equip Wells SA-002A, SA-005A, SA-007A, and SA-008A. Equipping of wells is necessary to put a newly drilled well into service. Design will be in Fiscal Year 2016 and construction will be in Fiscal Year 2017.</p> <p>Justification: Phase III will continue development of recovery of recharged CAP water within the SAVSARP.</p>	<p>Project ID: W064 Start Date: 7/15 End Date: 6/17 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	150.0	1,938.0	0.0	0.0	2,088.0	0.0	2,088.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	19.0	194.0	0.0	0.0	213.0	0.0	213.0
Total	0.0	0.0	0.0	0.0	169.0	2,132.0	0.0	0.0	2,301.0	0.0	2,301.0

<p>SAVSARP Phase IV Well Equipping</p> <p>Description: Design and equip Wells SA-012A, SA-013A, SA-019A, and SA-021A. Equipping of wells is necessary to put a newly drilled well into service. Design will be in Fiscal Year 2019 and construction will be completed in Fiscal Year 2020.</p> <p>Justification: Phase IV will continue development of recovery of recharged CAP water within the SAVSARP.</p>	<p>Project ID: W065 Start Date: 7/18 End Date: 6/20 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,007.0	1,007.0	950.0	1,957.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145.0	145.0	0.0	145.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,152.0	1,152.0	950.0	2,102.0

SAVSARP Raw Water Rcvrd Cathodic Protection										Project ID: W046	
Description: Design and construct the CP to the CAVSARP and SAVSARP pipelines. Design will begin in Fiscal Year 2014 and construction will be completed in Fiscal Year 2016.										Start Date: 7/13	
Justification: Applied CP will increase the original life span. Failure to apply CP to the pipeline will allow corrosion and over time will degrade and raise the risk of potential pipeline water leaks and possible failures.										End Date: 6/16	
										Location: County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	35.0	0.0	250.0	250.0	300.0	0.0	0.0	0.0	550.0	0.0	585.0
Tucson Water Operating Funds	3.9	0.0	27.0	27.0	37.0	0.0	0.0	0.0	64.0	0.0	67.9
Total	38.9	0.0	277.0	277.0	337.0	0.0	0.0	0.0	614.0	0.0	652.9

SCADA Potable Upgrades										Project ID: W782	
Description: The 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.										Start Date: 7/12	
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.										End Date: 6/19	
										Location: City and County	
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	2,634.3	500.0	3,243.0	3,743.0	1,157.0	1,632.0	3,140.0	581.0	10,253.0	0.0	12,887.3
Tucson Water Operating Funds	336.9	0.0	345.0	345.0	2,391.0	2,364.0	387.0	656.0	6,143.0	0.0	6,479.9
Total	2,971.2	500.0	3,588.0	4,088.0	3,548.0	3,996.0	3,527.0	1,237.0	16,396.0	0.0	12,887.3

SCADA Reclaimed

Description:
 The 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	960.1	0.0	1,037.0	1,037.0	260.0	247.0	0.0	0.0	1,544.0	0.0	2,504.1
Tucson Water Operating Funds	84.4	0.0	111.0	111.0	32.0	25.0	0.0	0.0	168.0	0.0	252.4
Total	1,044.5	0.0	1,148.0	1,148.0	292.0	272.0	0.0	0.0	1,712.0	0.0	2,756.5

Source Meter Replacement

Description:
 Install new magnetic meters at the wellheads to improve the accounting of how much potable water is produced.

Justification:
 This project will assist in determining the amount of real losses versus apparent losses of water, and improve compliance with water loss regulations.

Project ID: W715
Start Date: Annual
End Date: Annual
Location: City

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	187.0	187.0	244.0	223.0	229.0	233.0	1,116.0	1,100.0	2,216.0
Tucson Water Operating Funds	0.0	0.0	20.0	20.0	30.0	22.0	28.0	34.0	134.0	0.0	134.0
Total	0.0	0.0	207.0	207.0	274.0	245.0	257.0	267.0	1,250.0	1,100.0	2,350.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	664.5	0.0	750.0	750.0	550.0	80.0	0.0	0.0	1,380.0	0.0	2,044.5
Tucson Water Operating Funds	82.2	0.0	80.0	80.0	2,316.0	4,409.0	0.0	0.0	6,805.0	0.0	6,887.2
Total	746.7	0.0	830.0	830.0	2,866.0	4,489.0	0.0	0.0	8,185.0	0.0	8,931.7

Southern Avra Valley Reservoir and Booster Station

Description:
Design and construct an 8.5 million gallon forebay reservoir and a 33 mgd booster in Southern Avra Valley. Construction is scheduled to be completed in Fiscal Year 2015.

Justification:
This project makes recovered Colorado River water from SAVSARP available for blending into the distribution system.

Project ID: W442
Start Date: 7/04
End Date: 9/14
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	12,853.4	200.0	0.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	13,053.4
Tucson Water Operating Funds	288.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.4
Total	13,141.8	200.0	0.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	13,341.8

System Enhancements: Reclaimed										Project ID: W645	
Description: Design and construct reclaimed water mains during city, county, state, and other agency road improvement projects, including RTA funded projects. Intergovernmental agreements determine the City of Tucson cost allocated for each project.										Start Date: Annual	
Justification: This project will increase system capacity while reducing the cost of pavement removal and replacement by coordinating construction with the roadway projects.										End Date: Annual	
										Location: City and County	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	250.0	250.0	250.0	255.0	260.0	265.0	1,280.0	1,250.0	2,530.0
Tucson Water Operating Funds	0.0	0.0	27.0	27.0	31.0	26.0	32.0	38.0	154.0	0.0	154.0
Total	0.0	0.0	277.0	277.0	281.0	281.0	292.0	303.0	1,434.0	1,250.0	2,684.0

Tanque Verde to Wentworth 8-inch Main										Project ID: W040	
Description: Design and install 2,900 feet of 8-inch pipe in Reddington Road from Wentworth to Camino La Cebadilla connecting to the existing 8-inch mains.										Start Date: 7/16	
Justification: This main will improve water distribution and fire flow capacity in the E1 and G8 water service areas.										End Date: 6/18	
										Location: County	

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	25.0	233.0	0.0	258.0	0.0	258.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	2.0	29.0	0.0	31.0	0.0	31.0
Total	0.0	0.0	0.0	0.0	0.0	27.0	262.0	0.0	289.0	0.0	289.0

Tierra Del Sol Main Replacement Phase I

Description:
 Design and install 5,000 feet of 8-inch pipe and 4,130 feet of 6-inch pipe in Alamo Road, Calle Bellatrix, 22nd Street, and Fordham Road. This project will relocate 166 water meters from alley's into streets and replace 15 existing fire hydrants. Design will begin in Fiscal Year 2018 and construction will be completed in Fiscal Year 2019.

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

Project ID: W072
Start Date: 7/17
End Date: 6/19
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	0.0	0.0	0.0	0.0	52.0	1,537.0	1,589.0	0.0	1,589.0
Tucson Water Operating Funds	0.0	0.0	0.0	0.0	0.0	0.0	6.0	222.0	228.0	0.0	228.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	58.0	1,759.0	1,817.0	0.0	1,817.0

Trails End Reservoir Rehabilitation

Description:
 Design and construct improvements as developed through the condition assessment to bring this reservoir up to current standards.

Justification:
 This project must be completed to continue to provide long-term reliability and prevent water loss.

Project ID: W050
Start Date: 7/14
End Date: 6/17
Location: County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	100.0	510.0	0.0	0.0	710.0	0.0	710.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	12.0	51.0	0.0	0.0	74.0	0.0	74.0
Total	0.0	0.0	111.0	111.0	112.0	561.0	0.0	0.0	784.0	0.0	784.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	56.0	0.0	50.0	50.0	50.0	51.0	52.0	53.0	256.0	250.0	562.0
Tucson Water Operating Funds	5.6	0.0	5.0	5.0	6.0	5.0	6.0	8.0	30.0	0.0	35.6
Total	61.6	0.0	55.0	55.0	56.0	56.0	58.0	61.0	286.0	250.0	597.6

<p>Valley View Reservoir Rehabilitation</p> <p>Description: Design and construct a new liner and additional improvements at Valley View Reservoir.</p> <p>Justification: This will prevent leakage and provide long term reliability of this facility.</p>	<p>Project ID: W058 Start Date: 1/14 End Date: 6/15 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	100.0	2,200.0	0.0	2,200.0	0.0	0.0	0.0	0.0	2,200.0	0.0	2,300.0
Tucson Water Operating Funds	258.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	258.3
Total	358.3	2,200.0	0.0	2,200.0	0.0	0.0	0.0	0.0	2,200.0	0.0	2,558.3

Valve Access Vault

Description:
Design and construct vaults over butterfly valve (BFV) actuators to allow safe access for BFV actuator repair, refurbishment or replacement. The project will install up to five vaults per year prioritizing the largest and most critical BFV actuators.

Justification:
Installing vaults to grade will eliminate the need to excavate roadways, reduce overall maintenance costs, and improve safety.

Project ID: W060
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	100.0	100.0	100.0	102.0	104.0	106.0	512.0	500.0	1,012.0
Tucson Water Operating Funds	0.0	0.0	11.0	11.0	12.0	10.0	13.0	15.0	61.0	0.0	61.0
Total	0.0	0.0	111.0	111.0	112.0	112.0	117.0	121.0	573.0	500.0	1,073.0

Water Services

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.

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

Project ID: W114
Start Date: Annual
End Date: Annual
Location: City and County

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Operating Funds	0.0	0.0	1,671.0	1,671.0	1,697.0	1,695.0	1,764.0	1,832.0	8,659.0	7,550.0	16,209.0
Total	0.0	0.0	1,671.0	1,671.0	1,697.0	1,695.0	1,764.0	1,832.0	8,659.0	7,550.0	16,209.0

<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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
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	190.6	0.0	66.0	66.0	0.0	0.0	0.0	0.0	66.0	0.0	256.6
Total	269.8	0.0	66.0	66.0	0.0	0.0	0.0	0.0	66.0	0.0	335.8

<p>Well E-025 Storage Tank Lining</p> <p>Description: Design and construct a new liner at Well E-025 Steel Storage Tank.</p> <p>Justification: The coatings and linings of the tank have reached the end of their service life and require replacement to prevent accelerated deterioration of the tank.</p>	<p>Project ID: W059 Start Date: 7/14 End Date: 6/15 Location: County</p>
---	---

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	200.0	200.0	0.0	0.0	0.0	0.0	200.0	0.0	200.0
Tucson Water Operating Funds	0.0	0.0	21.0	21.0	0.0	0.0	0.0	0.0	21.0	0.0	21.0
Total	0.0	0.0	221.0	221.0	0.0	0.0	0.0	0.0	221.0	0.0	221.0

Well Field 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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	4,743.5	0.0	250.0	250.0	1,000.0	270.0	1,040.0	110.0	2,670.0	5,000.0	12,413.5
Tucson Water Operating Funds	127.6	0.0	856.0	856.0	124.0	852.0	128.0	1,103.0	3,063.0	0.0	3,190.6
Total	4,871.1	0.0	1,106.0	1,106.0	1,124.0	1,122.0	1,168.0	1,213.0	5,733.0	5,000.0	15,604.1

Well W-006 Transmission Main

Description:
Design and construct approximately 800 feet of 8-inch main from Booster W-001 to Insun Street along Luckett Road. The new main will tie into the existing 8-inch main.

Justification:
This will solve a local water delivery problem.

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

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	20.0	20.0	80.0	0.0	0.0	0.0	100.0	0.0	100.0
Tucson Water Operating Funds	0.0	0.0	2.0	2.0	10.0	0.0	0.0	0.0	12.0	0.0	12.0
Total	0.0	0.0	22.0	22.0	90.0	0.0	0.0	0.0	112.0	0.0	112.0

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 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	75.0	0.0	300.0	300.0	0.0	0.0	0.0	0.0	300.0	0.0	375.0
Tucson Water Operating Funds	8.4	0.0	32.0	32.0	0.0	0.0	0.0	0.0	32.0	0.0	40.4
Total	83.4	0.0	332.0	332.0	0.0	0.0	0.0	0.0	332.0	0.0	415.4

Wilmot Main Replacement

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.

Justification:
 This area has been identified as having an above average amount of main breaks according to 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: W861
Start Date: 7/14
End Date: 6/16
Location: Ward 4

Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			Projected Requirements				Five Year Total	Future Years	Total Project
		Carry Forward	New Funding	Year 1 Total	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019			
Tucson Water Obligation Bonds	0.0	0.0	50.0	50.0	751.0	0.0	0.0	0.0	801.0	0.0	801.0
Tucson Water Operating Funds	0.0	0.0	5.0	5.0	93.0	0.0	0.0	0.0	98.0	0.0	98.0
Total	0.0	0.0	55.0	55.0	844.0	0.0	0.0	0.0	899.0	0.0	899.0

Non-Departmental



**Capital Improvement Program
Department Statement**

FY 2015 through FY 2019

Department: Non-Departmental – General Expense

Five-Year Total: \$900,000

The General Expense five-year Capital Improvement Program of \$900,000 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: Completing the upgrade to this system is considered a critical need for the City.											
Source of Funds Summary	Prior Years	Adopted Fiscal Year 2015			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	4,962.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,962.5
General Fund	1,351.4	0.0	900.0	900.0	0.0	0.0	0.0	0.0	900.0	0.0	2,251.4
Total	6,313.9	0.0	900.0	900.0	0.0	0.0	0.0	0.0	900.0	0.0	7,213.9



tucsonaz.gov/budget

