Capital Improvement Program
2014/15 - 2018/19

Seizing Our Destiny: The Movement for Riverside's Prosperous Future

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City of Riverside

Capital Improvement Program

2014/15 - 2018/19

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Submitted to the City Council by:
Scott C. Barber
City Manager

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City of Riverside

2014/15 to 2018/19
Capital Improvement Program

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City Manager's Transmittal Letter

Office of the
City Manager

CITY OF
RIVERSIDE

July 22, 2014

Honorable Mayor and City Council,

I am pleased to present to you the $505 million Capital Improvement Program (CIP) for fiscal years 2014/15 through 2018/19. Although the CIP is a planning document and does not directly appropriate funds, the fiscal year 2014/15 projects listed in the CIP are incorporated into the City's 2014/15 Annual Budget.

This year's CIP document reflects the continuation of a six year effort to improve the format, consistency, and relevance of the CIP. Care has been taken to accurately project the City's capital needs over the five-year planning period through a thorough assessment of existing and needed infrastructure and facilities using a methodology that is consistent across all City Departments. We are confident that this year's CIP document will provide even more value to City staff and the public in understanding the infrastructure challenges that face our City over the next five years, as well as the recommended solutions to address those issues and beyond.

The proposed CIP responds to the needs of our residents to ensure the streets, public buildings, sewer, water, and electric infrastructure, and parks are well maintained for maximum safety, attractiveness, and functionality. Thus, the CIP presents a dual emphasis on planning for new projects as well as protecting existing physical assets. To that end, $74 million has been programmed for Transportation and Railroad-Related projects; $7 million for Municipal Buildings and Facilities, such as library, police, and fire facilities; $4 million for Parks, Recreation, and Community Services projects; and $398 million for upgrades to and expansion of the City's electric, water, sewer, and storm drain infrastructure.

Thanks to prudent fiscal planning and oversight by the City Council, and the City's excellent credit standing, we are rectifying decades of deferred capital investment and providing the community infrastructure that citizens of a world-class city expect and deserve. Through the implementation of the five-year CIP, Riverside is strengthening its commitment to the Seizing Our Destiny principles: to nurture Intelligent Growth, be a Catalyst for Innovation, be a Location of Choice, and evolve as a Unified City.

Respectfully submitted,

Scott C. Barber
City Manager

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City of Riverside

2014/15 to 2018/19
Capital Improvement Program

Guide to the Capital Improvement Program

Capital Improvement Program Defined

The City's Capital Improvement Program (CIP) is a multi-year planning instrument that drives the evaluation and identification of capital infrastructure projects in need of renovation, repair, and/or construction. Capital projects range from road maintenance or construction to the renovation of municipal buildings, recreation centers, and ball fields, to water main and sewer repair. The CIP relates these projected capital needs to the financial sources that will support their realization and the timeframe in which both the financing and work will take place. Capital improvement programming is the process by which these capital projects are identified, prioritized, and selected, and thus are incorporated into the long-range fiscal and strategic planning of the City. The CIP document is designed to report to the City Council, the public, City staff, and other interested parties the capital management and planning strategies of the City.

Benefits of the Capital Improvement Program

Capital improvement programming links short and long-range general plans with growth, public and private development, and the annual budgetary process. In this way, the CIP attempts to achieve the goals and objectives of the City's residents, a variety of boards and commissions, and the City Council. The CIP carries the following primary benefits:

- Focuses attention on Citywide priorities and citizen expectations
- Provides a concrete implementation framework for the General Plan, Citywide Strategic Plan, and Visioning Report
- Fosters inter-departmental coordination of City infrastructure investments
- Promotes accountability for the long-term planning and investment of public funds for large-scale public purposes

Capital improvement projects typically carry considerable future impact, meaning that they have a life span of at least five years or more. They are often, but not always, financed over a longer period of time, in effect spreading the cost of the project across generations of users. In this sense, the choices made for how a project will be paid for is not only a financial question of fiscal capacity and prudence, but a philosophical issue as well.

Perhaps the greatest benefit of having a Capital Improvement Program is that the process focuses attention on improving or constructing the capital improvements necessary for providing the services and facilities expected by the residents and businesses of the City of Riverside, both today and tomorrow.

The CIP and the City's Annual Operating Budget

In order to reap the benefits of focused attention paid to long-term planning for capital projects, the Capital Improvement Program is for the most part developed separately from the City's Annual Operating Budget. However, the approval of the CIP does not signal appropriation of funds. Rather, the CIP serves as a planning instrument for both budgeting and infrastructure development. Appropriations are made for capital projects when the City Council approves the annual budget for the City.

The Capital Improvement Program document is different from the annual budget as it sets forth a five-year program. The first year's program contains projects that are included in the proposed Annual Operating Budget for the upcoming fiscal year. The remaining four years reflect staff's recommended priorities for the future and are reviewed and revised annually by the City Council.

Development and Adoption of the CIP

The development of the City's Capital Improvement Program occurs over approximately a six month period. The Finance Department initiates the CIP process by providing a preparation guide and schedules to the relevant departments. The schedules and project lists are reviewed at the departmental level and updated accordingly.

The development of the City's Capital Improvement Program is to a certain extent decentralized. This means that although the CIP is coordinated through the Finance Department, individual departments are responsible for fully developing their individual Capital Improvement Programs. This is accomplished by identifying needs,

Guide to the Capital Improvement Program

performing appropriate fiscal and environmental impact analyses, conducting legislative and environmental scans to ensure that the CIP is current, acquiring input from various stakeholders, and selecting the final projects for consideration. Each department then submits its CIP to the Finance Department.

The Finance Department evaluates the individual Capital Improvement Programs for consistency with the Citywide Strategic Plan, the General Plan, citizen input, and the Visioning Report. The Finance Department then finalizes the proposed Capital Improvement Program for preliminary City Council review and conceptual approval. Projects for which conceptual approval has been attained are inserted into the Operating Budget and proposed for adoption in May or June of each year.

CAPITAL IMPROVEMENT PROGRAM SCHEDULE

	Dec	Jan	Feb	Mar	Apr	May	June
CIP Kickoff	Early Dec.						
Departments Prepare CIPs	December - February						
Departments Submit CIPs			February - March				
City Manager Reviews Department CIPs and Assembles Citywide CIP					April		
Planning Commission Reviews CIP for General Plan 2025 Conistency						Late May	
Council Reviews Preliminary Operating & Capital Budget and Holds Public Hearings							Mid June
Council Adopts Final Operating & Capital Budget							Late June

Amending the Capital Budget

At any Council meeting after the adoption of the budget, the City Council may amend or supplement the budget by motion adopted by the affirmative votes of at least five members. This vote authorizes the transfer of unused balances appropriated for one purpose to another purpose or to appropriate available funds not included in the budget.

Document Organization

The City of Riverside's Capital Improvement Program document includes four primary sections:

- City Manager's Transmittal Letter – Executive summary of the Capital Improvement Program
- Guide to the CIP – details the purpose and benefits of a CIP, the relationship between the CIP and the annual Operating Budget, and the development of the CIP; and details the document's organization and the funding types, funding sources, and City Funds utilized for capital projects
- CIP Summary – contains an overview of the Citywide CIP by fund, funding source, project type, Department, and other categorizations
- CIP Program Sections – In-depth Capital Improvement Programs for the program sections described below
- Glossary – Definitions of relevant terms used throughout the document

CIP Program Sections

Capital projects are grouped into 10 program sections in the Capital Improvement Program. They are:

- Municipal Buildings and Facilities
- Parks, Recreation, and Community Services
- Transportation
- Railroad-Related Projects
- Sewer
- Storm Drain
- Public Parking
- Airport
- Electric
- Water

GIS maps preface each section and provide easy identification of the location of the projects proposed for funding in year one of the CIP and their distribution throughout the City.

The narrative descriptions for each CIP section include the following sections: Introduction, Key Revenues and Funding Sources, and Future CIP Considerations. These

narrative descriptions bring the key issues and priorities addressed in each section of the CIP to light and provide an overview of the detail contained in the following tables.

The detailed financial tables following each program section's narrative provide information on revenues, expenditure requirements, and the proposed capital projects. If applicable, these tables provide information on unfunded capital projects, as well.

In the financial tables, the first year's program contains the proposed projects for the upcoming fiscal year. The remaining four years reflect staff's recommended priorities for the future and are reviewed and revised annually by the City Council.

Municipal Buildings and Facilities
The Municipal Buildings and Facilities program includes expenditures for Departments that are not described in other sections of the CIP. Such projects include Police and Fire stations, Libraries, the Museum, the Municipal Auditorium, and the Convention Center. Projects of a recurring nature such as parking lot repaving and facility painting are also included in the Municipal Buildings and Facilities CIP, even for Departments described elsewhere in this document.

Parks, Recreation, and Community Services
The Parks, Recreation, and Community Services program includes projects to construct, maintain, and upgrade parks, game courts and fields, medians, community centers, and recreation buildings.

Transportation
The Transportation program includes projects to extend and widen streets, street resurfacing, construction of curbs, gutters, center medians, bikeways & pedestrian facilities, right-of-way acquisition, and traffic signal improvements.

Railroad-Related Projects
The Railroad-Related Projects program includes projects that grade separate the intersections of City streets with the BNSF and Union Pacific railroads, as well as other related rail projects.

Sewer
The Sewer program includes projects to increase system capacity for new users, replace aging or obsolete systems, and meet new regulatory requirements.

Storm Drain
The Storm Drain program includes projects that either eliminate a nuisance flow or provide additional flood protection.

Public Parking
The Public Parking program includes projects to construct new parking facilities and to improve existing facilities.

Airport
The Airport program includes projects to maintain the Airport, to improve safety, and to comply with Federal Aviation Administration (FAA) standards and regulations.

Electric
The Electric program includes projects to construct additions to the City's electric infrastructure and to maintain existing facilities.

Water
The Water program includes projects to construct additions to the City's water infrastructure and to maintain existing facilities.

Funding Sources

The City employs a combination of approaches to fund its capital projects. For many smaller improvement projects, funds are appropriated from cash on hand. Large-scale capital projects are funded through a variety of methods including long-term financing, user fees, proceeds from bond issues, grants, assessments, impact fees, and tax levies certificates of participation (COPs), and reserve balances. Since the City's various Departments are budgeted within numerous Funds, each potentially with multiple revenue streams, the funding sources are greatly varied and the process decentralized.

The Funds in which capital improvements are budgeted and the various funding sources that provide revenue to these Funds are described below by CIP program section. General Fund revenue sources are not described, due to

the complex nature of sources providing revenue to the General Fund. The General Fund's major support comes from sales tax, property tax, fees for services rendered, the utility users tax, and transfers from the Electric and Water Funds. General Fund projects are budgeted on an availability of funds basis and funded from annual revenues.

Municipal Buildings and Facilities

Projects included in the Municipal Buildings and Facilities CIP are funded primarily from the General Fund (101). In certain cases, projects are funded from other Funds when a project impacts a non-General Fund Department (such as Public Utilities). In all cases these projects are funded from annual revenues. Major revenue sources include:

- General Fund Revenues – General Fund revenues allocated to capital projects
- Other Fund Revenues – revenues allocated to minor capital projects from other City Funds

Parks, Recreation, and Community Services

Capital expenditures for the Parks, Recreation, and Community Services Department are budgeted in the General Fund (101), the Local Parks Fund (411), and the Regional Parks Fund (413). Neighborhood park improvements are funded through the Local Parks Fund, while regional park improvements are funded through the Regional Parks Fund. Major revenue sources include:

- General Fund Revenues – General Fund revenues allocated to capital projects
- Development Fees – portions of fees charged when property is developed that are dedicated to the funding of local and regional parks and recreation facilities

Local Park Fee and Regional Park Fee revenues are dependent on development. Therefore, the CIP only shows projects as funded for which fee revenues are already available or that are annual funding obligations. As funding becomes available, the Parks, Recreation, and Community Services Department requests that the City Council appropriate funds for projects contained in the Unfunded Capital Projects list. Projects are not programmed based on anticipated revenues.

Transportation & Railroad-Related Projects

Capital expenditures for the construction and improvement of transportation infrastructure are budgeted in the General Fund (101), the Special Gas Tax Fund (230), the Capital Outlay Fund (430), the Measure A Fund (432), the Transportation Development Impact Fees Fund (433), and the Transportation Uniform Mitigation Fees Fund (434). The allocation of revenues to the 230, 430, 432, 433, and 434 Funds is complex and is dictated by various regulations that are not important for the purposes of the CIP. In the detailed tables found in the Transportation program section of this document, these five funds are shown commingled, though in actuality specific revenues described below will be allocated to specific Funds. Revenue sources include:

- Signal Mitigation Fees – a City funding source generated from portions of fees charged when property is developed that are dedicated to funding new and upgraded traffic signals
- Transportation Impact Fees – a City funding source generated from portions of fees charged when property is developed that are dedicated to funding local transportation capacity improvements
- Measure A Sales Tax Revenue – a City and County funding source generated from Riverside County's half-cent sales tax dedicated to transportation projects that is allocated directly to the City of Riverside as well as through the Riverside County Transportation Commission
- Transportation Uniform Mitigation Fees (TUMF) – a regional funding source generated from portions of fees charged when property is developed that are dedicated to funding regional transportation capacity improvements
- State Gas Tax Revenue – revenue generated by the State's tax on gasoline sales that is dedicated to local transportation capacity improvements
- State Proposition 42 Revenue – revenue generated by additional gas tax revenues allocated to transportation projects by voter initiative
- State Proposition 1B Revenue – revenue generated by the sale of bonds authorized by voter initiative for transportation improvements

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- Congestion Mitigation and Air Quality (CMAQ) Improvement Program – a Federal funding program authorized by the Intermodal Surface Transportation Efficiency Act (ISTEA) that provides grants primarily for traffic signal projects, transportation demand management projects, and transit projects
- Surface Transportation Program (STP) – a Federal funding program authorized by ISTEA that includes two funding mechanisms – one is a population formula program where local agencies receive funds for transportation improvement projects according to their respective populations and the other provides grants for projects that reduce traffic congestion, improve transportation circulation, and maintain transportation infrastructure
- Surface Transportation Program Local (STPL) – STPL is similar to STP, except that funds are dedicated to local street improvements
- Demonstration (DEMO) Funds – allocations of STP funds for specific projects earmarked by congress
- Congressional Earmarks – project-specific appropriations made by congress to fund transportation capacity improvements
- California Public Utilities Commission Grade Separation Program – a funding program administered by the California Public Utilities Commission that provides funding for railroad grade separations
- Railroad Funds – private funding from the Union Pacific and BNSF railroads to assist with the construction of railroad grade separations

Sewer

Capital expenditures for the construction and improvement of the City's sewer system are budgeted in the Sewer Fund (550), which is an enterprise fund. In addition to capital expenditures, operational expenditures related to the City's sewer system are budgeted in the Sewer Fund. Revenue sources include:

- Sewer Connection Fees – fees charged when property is developed that are dedicated to the funding of sewer infrastructure projects
- Service Charges – funds that are generated from service charges to users of the City's sewer system
- Community Services District (CSD) Payments – payments from Community Services Districts for which the City provides sewage treatment services
- State Revolving Loans – low interest loans provided by the State to fund capital improvements
- Bond Proceeds – proceeds from the sale of revenue bonds

Storm Drain

Capital expenditures for the construction and improvement of storm drains are budgeted in the Storm Drain Fund (410). Revenue sources include:

- Storm Drain Fees – fees charged when property is developed that are dedicated to the funding of storm drain infrastructure projects

Public Parking

Capital expenditures for the City's Public Parking facilities are budgeted in the Public Parking Fund (570), which is an enterprise fund. Revenue sources include:

- Rent Revenues – revenue from rented facilities
- Garage, Lot and Meter Fees – fees charged for parking
- Parking Fines – fines assessed for parking violations
- Bond Proceeds – proceeds from the sale of revenue bonds

Airport

Capital expenditures for the Riverside Municipal Airport are budgeted in the Airport Fund (530), which is an enterprise fund. The Federal Aviation Administration (FAA) will fund up to 95 percent of eligible projects. And, under the California Department of Transportation (CALTRANS) Division of Aeronautics' grant program, the City can apply for 2.5 percent matching funds for FAA-approved projects. Revenue sources include:

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- Rent Revenues – revenue from rented facilities
- Landing & Tie Down Fees – fees assessed on aircraft operating at and based at the Airport
- Fuel Sales – revenue from the sale of fuel purchased from the Airport
- Fuel Flowage Fees – fees charged on fuel purchased at the Airport
- Non-Commercial Aircraft Tax – funds generated from taxes imposed on non-commercial aircraft
- CALTRANS Grants – grant proceeds received from the Division of Aeronautics
- Airport Improvement Program (AIP) Grants – grant proceeds received from the FAA

Electric

Capital expenditures for the City's Electric Utility are budgeted in the Electric Fund (510), which is an enterprise fund. Revenue sources include:

- Electric Rates – revenue from rates
- Contributions In Aid of Construction – funding contributions by private parties
- Bond Proceeds – proceeds from the sale of revenue bonds

Water

Capital expenditures for the City's Water Utility are budgeted in the Water Fund (520), which is an enterprise fund. Revenue sources include:

- Water Rates – revenue from rates
- Contributions In Aid of Construction – funding contributions by private parties
- Bond Proceeds – proceeds from the sale of revenue bonds

Capital Improvement Program Summary

Overview of the CIP

The five-year Capital Improvement Program amounts to $505,255,147. For FY 2014/15, capital improvement projects totaling $89,850,900 will be undertaken to expand and maintain the infrastructure within the City of Riverside. Descriptions of each project, as well as the related revenues and expenditures, can be found in the individual program sections of the CIP. Summary information can be found in the tables on the following pages.

Unfunded Capital Projects

In addition to the $505 million five-year funded CIP, unfunded capital project needs currently total $455 million. The unfunded projects are included in the Electric, Water, Railroad-Related Projects, Transportation, Parks, Recreation, & Community Services, and Municipal Buildings & Facilities CIP Sections. In the case of the Parks, Recreation, and Community Services CIP, the majority of the unfunded projects will be funded in the latter four years of the CIP. The Parks, Recreation, and Community Services Department does not show projects as funded until funding is in place. As a result, there are always projects listed on the unfunded project list that are anticipated to be funded before the conclusion of the five-year period covered by the CIP.

Transportation and Railroad-Related Projects expenditures in the funded CIP are considerable. However, the current needs still outweigh available resources and $186.6 million is still unfunded. The unfunded or partially unfunded transportation projects include five significant street widening projects, one major median construction project, two quiet zone projects, and one grade separation project. In the case of many of these projects, a sizable portion of the projects' cost is anticipated to be funded with non-City funds. Each unfunded project is described in the individual program sections of the CIP. Summary information can be found in the tables on the following pages.

Summary Tables

The following tables provide a high-level overview of the citywide five-year Capital Improvement Program.

- Table PS-1: Capital Improvement Program Summary by Fund – This table categorizes the funded portion of the CIP by Fund and by the anticipated year(s) of funding. Revenue sources providing the funds shown for each Fund can include non-City sources.
- Table PS-2: Capital Improvement Program Summary by Program Section and Project Type – This table categorizes the funded portion of the CIP by the program sections found in this document and by the anticipated year(s) of funding.
- Table PS-3: Capital Improvement Program Summary by Department – This table categorizes the funded portion of the CIP by the Department's that will ultimately be responsible for the new facility and by the anticipated year(s) of funding. This table provides a more detailed breakdown of Table PS-2 for those program sections, such as Municipal Buildings & Facilities, that include projects impacting more than one Department.
- Table PS-4: Capital Improvement Program Summary by Revenue Source – This table illustrates the revenue sources that provide the funding for the CIP by the anticipated year(s) that the revenue will be collected.
- Table PS-5: Budgeted Projects Summary for 2014/15 – This table provides a detailed list of the projects proposed for the first year of the CIP. Typically, these are the projects that will be included in the City's operating budget as budgeted capital expenditures for the upcoming budget year.
- Table PS-6: Summary of Unfunded Projects by Fund – This table repeats the format of Table PS-1, illustrating unfunded projects without specifying an anticipated year of construction.
- Table PS-7: Summary of Unfunded Projects by Program Section – This table repeats the format of Table PS-2, illustrating unfunded projects without specifying an anticipated year of construction.
- Table PS-8: Summary of Unfunded Projects by Department – This table repeats the format of Table PS-3, illustrating unfunded projects without specifying an anticipated year of construction.

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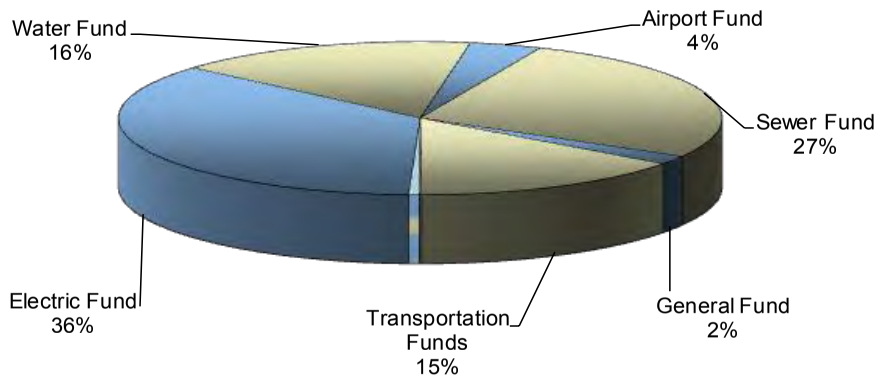
2014/15 to 2018/19

Capital Improvement Program

Capital Improvement Program Summary by Fund

Fund	Fund Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total
101	General Fund	80,000	2,679,845	2,648,140	1,950,156	1,956,756	9,314,897
Various	Transportation Funds	27,645,400	16,666,950	9,890,000	12,793,300	7,489,100	74,484,750
410	Storm Drain Fund	100,000	100,000	100,000	100,000	100,000	500,000
411	Local Park Fund	600,000	600,000	600,000	600,000	600,000	3,000,000
413	Regional Park Fund	-	-	-	-	-	-
510	Electric Fund	35,557,000	35,118,000	36,875,000	37,501,000	35,680,000	180,731,000
520	Water Fund	18,377,000	15,600,000	19,691,000	13,968,000	14,417,000	82,053,000
530	Airport Fund	865,000	8,325,000	4,525,000	3,125,000	2,625,000	19,465,000
550	Sewer Fund	6,476,500	27,913,750	32,297,250	32,930,000	35,749,000	135,366,500
570	Public Parking Fund	-	-	-	-	-	-
650	Central Garage Fund	150,000	190,000	-	-	-	340,000
	Total	**89,850,900**	**107,193,545**	**106,626,390**	**102,967,456**	**98,616,856**	**505,255,147**

Expenditures by Fund



NOTE: Categories comprising less than 1% of total are not labeled.

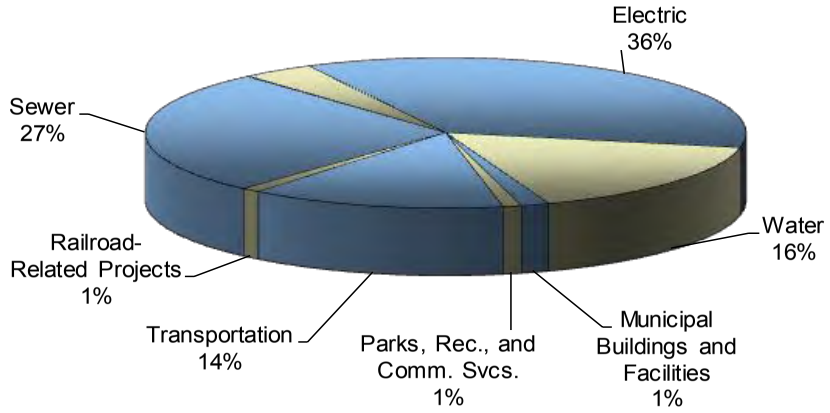
2014/15 to 2018/19

Capital Improvement Program

Capital Improvement Program Summary by Program Section and Project Type

CIP Program Section	2014/15	2015/16	2016/17	2017/18	2018/19	Total
Municipal Buildings and Facilities	230,000	2,448,519	2,180,000	1,430,000	1,380,000	7,668,519
Parks, Recreation, and Community Services	600,000	1,021,326	1,068,140	1,120,156	1,176,756	4,986,378
Transportation	26,549,900	14,962,450	9,090,000	12,066,000	6,740,000	69,408,350
Railroad-Related Projects	1,095,500	1,704,500	800,000	727,300	749,100	5,076,400
Sewer	6,476,500	27,913,750	32,297,250	32,930,000	35,749,000	135,366,500
Storm Drain	100,000	100,000	100,000	100,000	100,000	500,000
Public Parking	-	-	-	-	-	-
Airport	865,000	8,325,000	4,525,000	3,125,000	2,625,000	19,465,000
Electric	35,557,000	35,118,000	36,875,000	37,501,000	35,680,000	180,731,000
Water	18,377,000	15,600,000	19,691,000	13,968,000	14,417,000	82,053,000
Total	**89,850,900**	**107,193,545**	**106,626,390**	**102,967,456**	**98,616,856**	**505,255,147**

Expenditures by Section



NOTE: Categories comprising less than 1% of total are not labeled.

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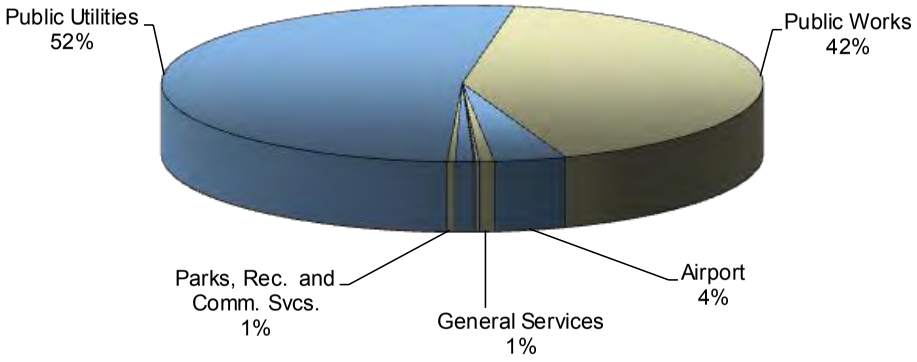
Capital Improvement Program

Capital Improvement Program Summary by Department

Department	2014/15	2015/16	2016/17	2017/18	2018/19	Total
Airport	865,000	8,325,000	4,525,000	3,125,000	2,625,000	19,465,000
General Services [1]	230,000	1,130,500	880,000	880,000	880,000	4,000,500
Library	-	253,500	250,000	250,000	250,000	1,003,500
Museum	-	340,000	50,000	50,000	50,000	490,000
Parks, Recreation, and Community Services	600,000	1,021,326	1,068,140	1,120,156	1,176,756	4,986,378
Public Safety (Police / Fire)	-	724,519	1,000,000	250,000	200,000	2,174,519
Public Utilities	53,934,000	50,718,000	56,566,000	51,469,000	50,097,000	262,784,000
Public Works	34,221,900	44,680,700	42,287,250	45,823,300	43,338,100	210,351,250
Total	**89,850,900**	**107,193,545**	**106,626,390**	**102,967,456**	**98,616,856**	**505,255,147**

Expenditures by Department



[1] Includes recurring project budgets that may ultimately be charged to other Departments.

NOTE: Categories comprising less than 1% of total are not labeled.

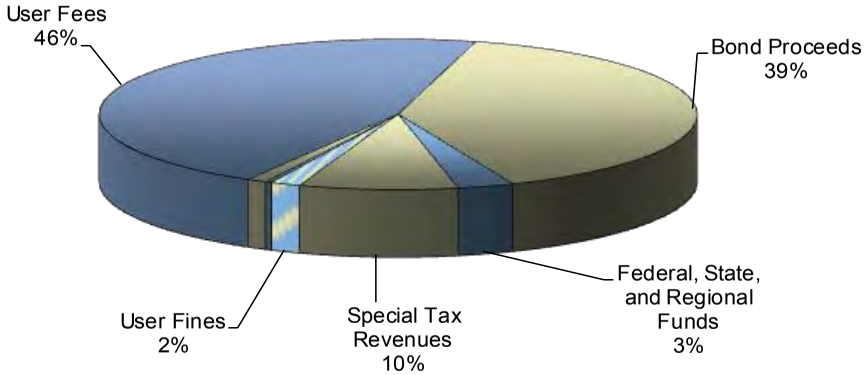
2014/15 to 2018/19

Capital Improvement Program

Capital Improvement Program Summary by Revenue Source

Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	75,257,737	77,016,901	82,248,439	87,882,162	94,092,742	416,497,981
Bond Proceeds	51,628,000	109,546,000	47,314,000	110,136,000	40,684,000	359,308,000
Federal, State, and Regional Funds	3,494,700	11,992,450	4,252,500	5,305,500	2,457,000	27,502,150
Special Tax Revenues	15,028,413	16,171,170	15,373,020	15,512,681	15,752,700	77,837,984
Private Funds	80,000	-	-	-	-	80,000
User Fines	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
Interest	634,000	621,725	618,616	635,075	629,296	3,138,712
Other [1]	609,194	2,869,845	2,648,140	1,950,156	1,380,000	9,457,335
Total	**149,632,044**	**221,118,091**	**155,354,715**	**224,321,574**	**157,895,738**	**908,322,162**
Less: Amounts Not Available for Current CIP [2]						(403,067,015)
Adjusted Total						**505,255,147**

Revenues by Revenue Source



[1] Includes any revenues anticipated from the General Fund and Airport Fund for Routine Municipal Buildings & Facilities and Park/Community Center projects.

[2] Includes funds estimated to be on hand at the end of the five-year CIP for future projects, certain enterprise funds operating expenditures, debt service for previous capital projects, and other minor items.

NOTE: Revenues include some enterprise fund revenues used for non-capital expenditures as well as excess revenues not allocated in the CIP.

NOTE: Categories comprising less than 2% of total are not labeled.

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2014/15 to 2018/19

Capital Improvement Program

Budgeted Projects Summary for 2014/15

Project Number	Project Type	Project Description	General Fund (101)	Other City Funds	Restricted Non-City Funds	Total
	Municipal Buildings and Facilities					
MB-2	General Services	Corporation Yard Fuel Island Restroom	-	50,000	-	50,000
MB-3	General Services	Corporation Yard E85 Fueling Station	-	100,000	-	100,000
MB-41	Recurring Projects	Convention Center Minor Facility Repairs	50,000	-	-	50,000
MB-43	Recurring Projects	HVAC Replacement at Various City Facilities	15,000	-	-	15,000
MB-45	Recurring Projects	Municipal Auditorium Facility Repairs/Refurbishment	15,000	-	-	15,000
		SubTotal	**80,000**	**150,000**	**-**	**230,000**
	Parks, Recreation, and Community Services					
PR-1	Recurring Projects	Construction Contingency Reserve	-	400,000	-	400,000
PR-2	Recurring Projects	Park Land Acquisition Reserve	-	200,000	-	200,000
		SubTotal	**-**	**600,000**	**-**	**600,000**
	Transportation					
TR-1	Street Construction	Adams/SR 91 Interchange	-	165,000	935,000	1,100,000
TR-2	Street Construction	Arlington Avenue Pavement Rehab, Van Buren to SR 91	-	2,000,000	-	2,000,000
TR-3	Street Construction	Arlington - Fairhaven to city limit	-	100,000	-	100,000
TR-4	Street Construction	Bruce Avenue Sidewalks	-	208,000	195,000	403,000
TR-5	Street Construction	Canyon Crest Widening - Country Club to Via Vista	-	500,000	-	500,000
TR-6	Street Construction	Certificates of Participation (COP) - Paving Projects	-	8,727,890	-	8,727,890
TR-7	Street Construction	COP Paving Projects (performed by Streets division)	-	1,272,110	-	1,272,110
TR-8	Street Construction	Chicago @ 215 Freeway	-	1,000,000	-	1,000,000
TR-9	Street Construction	Indiana - Vallejo to Auto Center Drive	-	100,000	-	100,000
TR-10	Street Construction	Magnolia Widening - Buchanan to Banbury	-	301,000	-	301,000
TR-13	Street Construction	Wells Improvements-Hole to Tyler	-	2,750,000	-	2,750,000
TR-14	Street Maintenance	Curb and Gutter Repair	-	200,000	-	200,000
TR-15	Street Maintenance	Major Streets Rehabilitation/Preservation	-	2,400,000	-	2,400,000
TR-16	Street Maintenance	Minor Streets Rehabilitation/Preservation	-	2,000,000	-	2,000,000
TR-17	Street Maintenance	Miscellaneous Street Construction	-	500,000	-	500,000
TR-18	Street Maintenance	Sidewalk / Trail Construction at Various Locations	-	300,000	-	300,000
TR-19	Street Maintenance	Sidewalk Repair	-	300,000	-	300,000
TR-20	Street Maintenance	Wheelchair Ramps	-	300,000	-	300,000
TR-21	New Signals	Rumsey & Central	-	250,000	-	250,000
TR-23	New Signals	Traffic Signals (Prioritized Locations)	-	250,000	-	250,000
TR-24	Signal Interconnections	Traffic Management Center	-	75,000	-	75,000
TR-25	Signal Interconnections	Magnolia Interconnect-Buchanan to 3rd	-	25,000	-	25,000
TR-26	Signal Interconnections	Arterial Interconnect Project	-	40,000	-	40,000
TR-29	Signal Maintenance	Spread Spectrum Radio Replacement	-	10,000	-	10,000
TR-30	Signal Maintenance	Traffic Signal Loop Replacement	-	35,000	-	35,000
TR-31	Misc. Traffic Improvements	Miscellaneous Traffic Projects	-	75,000	-	75,000
TR-32	Traffic/Signal Modifications	Protect/Permit Left Turns- University	-	125,000	-	125,000
TR-33	Traffic/Signal Modifications	Signal Revisions	-	150,000	-	150,000
TR-34	Traffic/Signal Modifications	3rd/Blaine Bike Lanes	-	383,400	-	383,400
TR-35	Bicycle/Pedestrian	Bicycle Share Program	-	240,000	-	240,000
TR-38	Bicycle/Pedestrian	SR 91 Pedestrian Bridge-MetroLink to Downtown	-	637,500	-	637,500
		SubTotal	**-**	**25,419,900**	**1,130,000**	**26,549,900**
	Railroad-Related					
RR-1	Rail Projects	BNSF/UP Quiet Zone - Panorama & Cridge	-	495,500	-	495,500
RR-2	Rail Projects	Central Ave Crossing Improvements	-	250,000	-	250,000
RR-3	Rail Projects	Iowa Ave Crossing Improvements	-	350,000	-	350,000
		SubTotal	**-**	**1,095,500**	**-**	**1,095,500**
	Sewer					
SW-5	Plant Capacity/Repl.	Flow Metering Station Rehabilitation	-	31,500	-	31,500
SW-10	Plant Capacity/Repl.	Plant Support Facilities and Systems Rehabilitation	-	157,500	-	157,500
SW-19	Sewer Projects	Santa Ana River Trunk Sewer Replacement - Phase II	-	5,000,000	-	5,000,000
SW-20	Sewer Projects	Tequesquite Trunk Sewer Line - Phase IIB	-	500,000	-	500,000
SW-22	Compliance with Regs.	RWQCP Levee Wall Rehabilitation	-	262,500	-	262,500
SW-23	Compliance with Regs.	Co-Generation System Rehabilitation	-	525,000	-	525,000
		SubTotal	**-**	**6,476,500**	**-**	**6,476,500**
	Storm Drain					
SD-1	Recurring Projects	Miscellaneous Storm Drain Construction	-	100,000	-	100,000
		SubTotal	**-**	**100,000**	**-**	**100,000**
	Airport					
AP-1	Construction	Relocate Southern California Gas Line	-	800,000	-	800,000
AP-2	Construction	Install Runway End Identifier Lights (REILs) for Runway 27	-	40,000	-	40,000
AP-13	Recurring Projects	Annual Pavement Preservation	-	25,000	-	25,000
		SubTotal	**-**	**865,000**	**-**	**865,000**

Project Number	Project Type	Project Description	General Fund (101)	Other City Funds	Restricted Non-City Funds	Total
	Electric					
EL-1	Driven by Others	Major OH/UG Conversions	-	1,643,000	-	1,643,000
EL-2	Driven by Others	Cable Replacement - PW Street Rehab.	-	400,000	-	400,000
EL-3	Driven by Others	Major Street Light Projects	-	360,000	-	360,000
EL-4	Driven by Others	Neighborhood Street Light Retrofit (Riverside Renaissance)	-	765,000	-	765,000
EL-5	Driven by Others	CalTrans HOV- Non-Reimbursable	-	100,000	-	100,000
EL-6	Generation	Facility Compliance/Upgrades	-	1,734,000	-	1,734,000
EL-7	System Improvements	Cable Replacement	-	1,944,000	-	1,944,000
EL-8	System Improvements	City-wide Communications	-	1,667,000	-	1,667,000
EL-9	System Improvements	Distribution Automation/Reliability	-	500,000	-	500,000
EL-10	System Improvements	GO 165 Upgrades /Line Rebuilds / Relocate	-	3,700,000	-	3,700,000
EL-11	System Improvements	Major 4-12 kV Conversion	-	2,115,000	-	2,115,000
EL-12	System Improvements	Major Feeders	-	3,120,000	-	3,120,000
EL-13	System Improvements	Major Tract Distribution	-	210,000	-	210,000
EL-14	System Improvements	SCADA	-	800,000	-	800,000
EL-15	System Improvements	SCE Condemnation Costs	-	230,000	-	230,000
EL-16	System Improvements	Substation Bus & Upgrades	-	4,269,000	-	4,269,000
EL-17	System Improvements	Substation Transformer Addition	-	3,300,000	-	3,300,000
EL-18	System Improvements	Major Transmission Line Projects	-	270,000	-	270,000
EL-19	System Improvements	Meter Replacement Program	-	600,000	-	600,000
EL-20	Recurring Projects	Capacitors-Regulators	-	50,000	-	50,000
EL-21	Recurring Projects	Distribution Line Extensions	-	1,800,000	-	1,800,000
EL-22	Recurring Projects	Lines Rebuilds / Relocate	-	1,465,000	-	1,465,000
EL-23	Recurring Projects	Meters	-	350,000	-	350,000
EL-24	Recurring Projects	Services	-	330,000	-	330,000
EL-25	Recurring Projects	Street Lighting	-	315,000	-	315,000
EL-26	Recurring Projects	System Substation Modifications	-	120,000	-	120,000
EL-27	Recurring Projects	Transformers	-	1,400,000	-	1,400,000
EL-28	Special Projects	Special Project - Facilities Planning	-	2,000,000	-	2,000,000
		SubTotal	**-**	**35,557,000**	**-**	**35,557,000**
	Water					
WA-1	System Improvements	Main Replacements	-	8,600,000	-	8,600,000
WA-2	System Improvements	Pump Station Replacements	-	555,000	-	555,000
WA-3	System Improvements	Facility Rehabilitation	-	3,805,000	-	3,805,000
WA-4	System Improvements	Seven Oaks Dam Conservation - Active/Enhanced Recharge	-	1,200,000	-	1,200,000
WA-5	Recurring Projects	System Expansion (New Customer Construction)	-	1,100,000	-	1,100,000
WA-6	Recurring Projects	Meters	-	850,000	-	850,000
WA-7	Recurring Projects	Water Stock	-	10,000	-	10,000
WA-8	Recurring Projects	Distribution System Facilities Replacements	-	657,000	-	657,000
WA-9	Other Projects	Hydrant Check Valves	-	100,000	-	100,000
WA-10	Other Projects	Operational Data Management System	-	1,500,000	-	1,500,000
		SubTotal	**-**	**18,377,000**	**-**	**18,377,000**
		Total	**80,000**	**88,640,900**	**1,130,000**	**89,850,900**

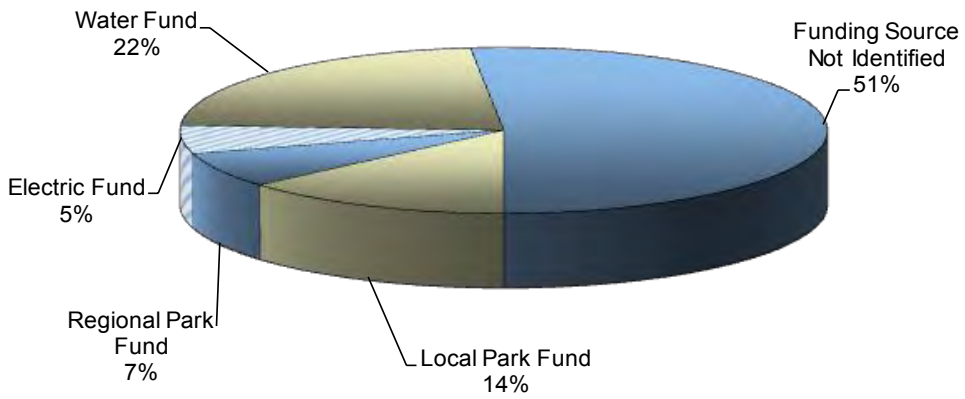
2014/15 to 2018/19

Capital Improvement Program

Summary of Unfunded Projects by Fund

Fund	Fund Description	Total
411	Local Park Fund	61,709,900
413	Regional Park Fund	31,455,000
510	Electric Fund	25,000,000
520	Water Fund	102,236,000
	Funding Source Not Identified [1]	235,384,502
	Total	**455,785,402**

Requirements by Fund



[1] Projects for which a funding source has not yet been determined and therefore a Fund is not yet assignable.

NOTE: Categories comprising less than 1% of total are not labeled.

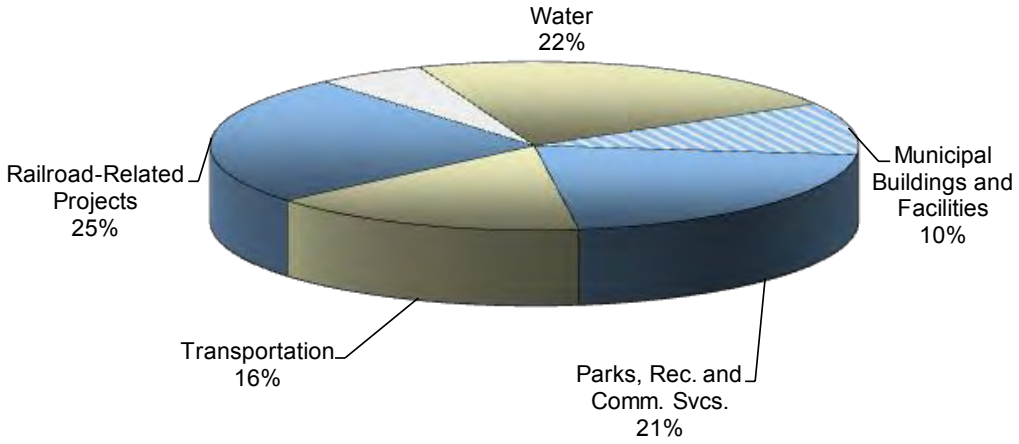
2014/15 to 2018/19

Capital Improvement Program

Summary of Unfunded Projects by Program Section

CIP Program Section	Total
Municipal Buildings and Facilities	45,851,900
Parks, Recreation, and Community Services	96,064,900
Transportation	72,609,002
Railroad-Related Projects	114,023,600
Sewer	-
Storm Drain	-
Public Parking	-
Airport	-
Electric	25,000,000
Water	102,236,000
Total	**455,785,402**

Requirements by Section



NOTE: Categories comprising less than 1% of total are not labeled.

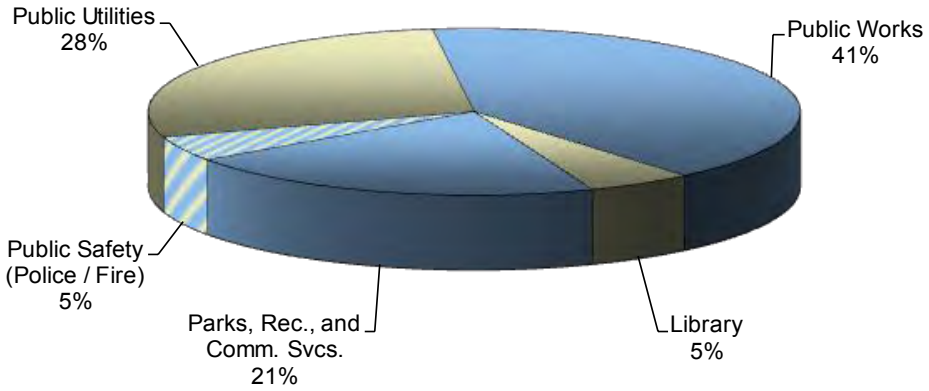
2014/15 to 2018/19

Capital Improvement Program

Summary of Unfunded Projects by Department

Department	Total
Airport	-
General Services	-
Library	23,851,900
Museum	-
Parks, Recreation, and Community Services	96,064,900
Public Safety (Police / Fire)	22,000,000
Public Utilities	127,236,000
Public Works	186,632,602
Total	**455,785,402**

Requirements by Department



NOTE: Categories comprising less than 1% of total are not labeled.

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
230,000	2,448,519	2,180,000	1,430,000	1,380,000	7,668,519

Introduction

The Municipal Buildings and Facilities Capital Improvement Program aims to provide safe, clean, well-maintained, and functional facilities in order to allow City departments to effectively provide services to the community. This CIP plays a crucial role in providing a welcoming, comfortable, and aesthetically pleasing atmosphere for our residents, visitors, and City employees.

The Municipal Buildings and Facilities CIP details capital improvements and maintenance for City-owned buildings and facilities. Parks and recreation facilities and most airport projects are contained in separate capital improvement programs. The General Services Department oversees the majority of the projects in the Municipal Buildings and Facilities CIP. The following sections describe selected highlights.

Convention Center
The five-year CIP includes a $150,000 improvement for Convention Center stairs.

General Services
The five-year General Services CIP includes $800,500 of improvement projects at the City's Corporation Yard, City Hall and other City facilities.

Library
The five-year CIP includes $1.0 million for various branch library facility improvements and drywall repairs at the Casa Blanca Library.

Museum
This CIP includes $340,000 for refurbishment and improvement projects at the Metropolitan Museum.

Public Safety
Over the five-year period, the Police and Fire Departments will see $2.17 million of improvement projects constructed as outlined in this CIP. Projects include carpet replacement at five fire stations, termite damage repairs for three fire stations, and other more minor improvement projects at various police and fire facilities.

Recurring Projects
This portion of CIP totals $3.2 million over the five years of the CIP. These obligations cover projects associated with the refurbishment of facilities and areas that contribute to the City's economic development efforts. This includes HVAC improvements, ADA modifications, repairs/improvements at the Convention Center, Fox Theater, Municipal Auditorium, and miscellaneous improvements at other City facilities.

Key Revenues and Funding Sources

The Municipal Buildings and Facilities CIP derives funding from a variety of sources. Most typically these projects are funded through the General Fund, with projects being charged out to the appropriate department.

Future CIP Considerations

Projects totaling $42.2 million have been identified and are shown in the CIP as unfunded. City staff continues to evaluate available funding options and are working to find funding sources for the remaining unfunded projects.

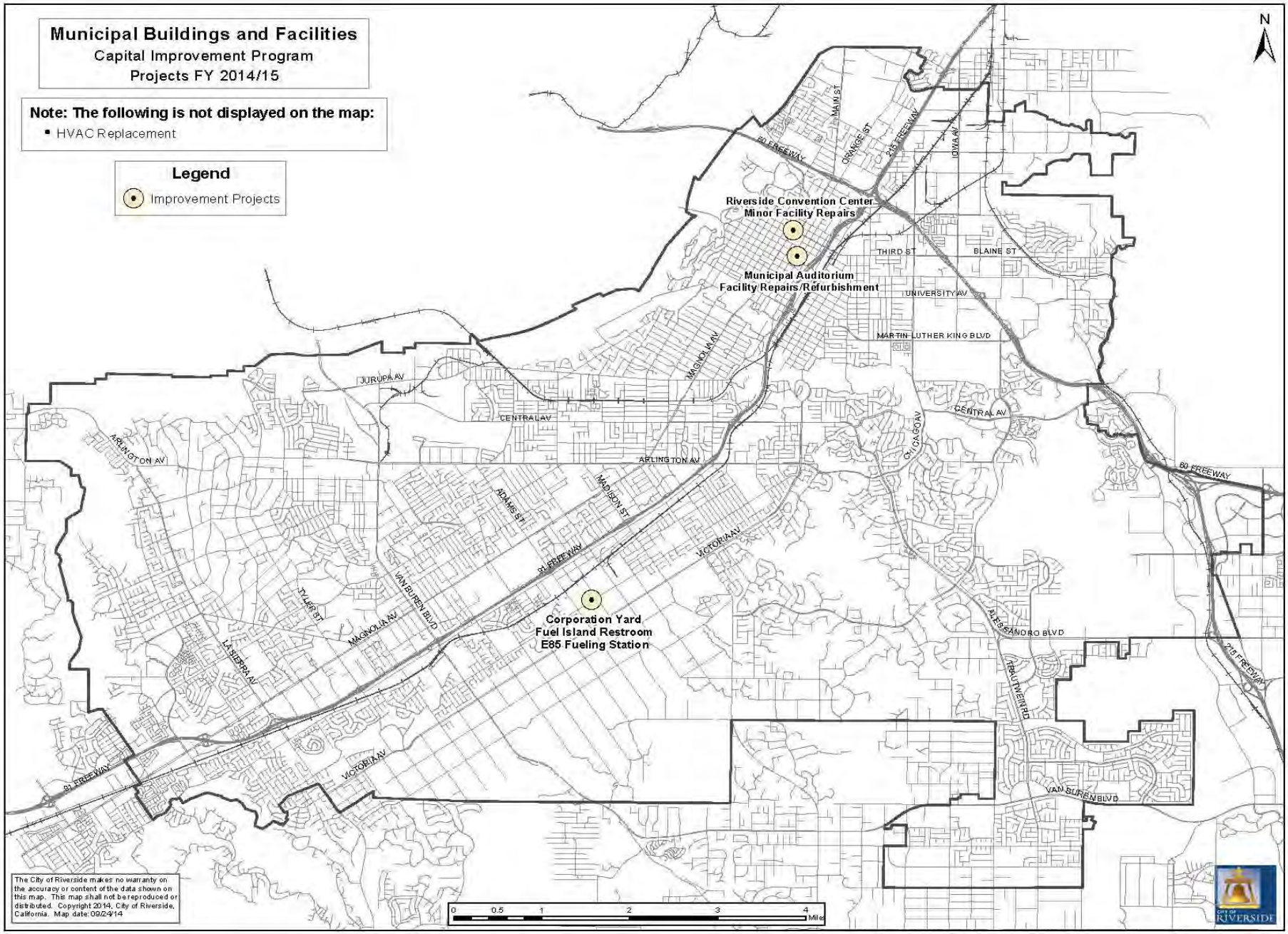
2014/15 to 2018/19

Capital Improvement Program - Municipal Buildings and Facilities

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Central Garage Fund (650)	Restricted Non-City Funds	Total
MB-2	General Services	Corporation Yard Fuel Island Restroom	-	50,000	-	50,000
MB-3	General Services	Corporation Yard E85 Fueling Station	-	100,000	-	100,000
MB-41	Recurring Projects	Convention Center Minor Facility Repairs	50,000	-	-	50,000
MB-43	Recurring Projects	HVAC Replacement at Various City Facilities	15,000	-	-	15,000
MB-45	Recurring Projects	Municipal Auditorium Facility Repairs/Refurbishment	15,000	-	-	15,000
		Total	**80,000**	**150,000**	**-**	**230,000**

NOTE: Projects funded in the Municipal Buildings and Facilities CIP that impact Departments described elsewhere in this document are shown here only.


Municipal Buildings and Facilities
Capital Improvement Program
Projects FY 2014/15
Note: The following is not displayed on the map:
HVAC Replacement
Legend
Improvement Projects
N
Riverside Convention Center
Minor Facility Repairs
Municipal Auditorium
Facility Repairs/Refurbishment
Corporation Yard
Fuel Island Restroom
E85 Fueling Station
60 FREEWAY
215 FREEWAY
91 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
CENTRAL AV
MAGNOLIA AV
ARLINGTON AV
CHICAGO AV
ADAMS ST
MADISON ST
VICTORIA AV
VAN BUREN BLVD
DIVISION ST
LA SIERRA AV
ALESSANDRO BLVD
TRAUTWEIN RD
0 0.5 1 2 3 4 Miles
The City of Riverside makes no warranty on the accuracy or content of the data shown on this map. This map shall not be reproduced or distributed. Copyright 2014, City of Riverside, California. Map date: 09/24/14
CITY OF RIVERSIDE

2014/15 to 2018/19

Capital Improvement Program - Municipal Buildings and Facilities

Capital Improvement Program Summary

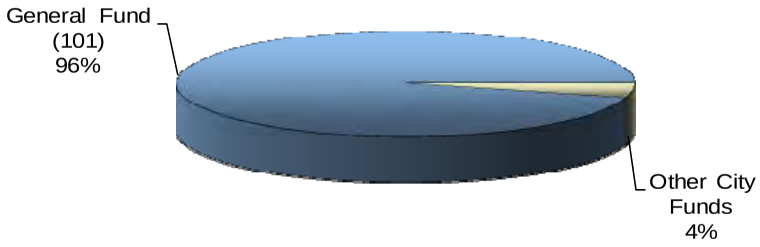
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	80,000	2,258,519	2,180,000	1,430,000	1,380,000	7,328,519	-
Other City Funds	150,000	190,000	-	-	-	340,000	-
Funding Source Not Identified	-	-	-	-	-	-	42,200,000
Total	**230,000**	**2,448,519**	**2,180,000**	**1,430,000**	**1,380,000**	**7,668,519**	**42,200,000**

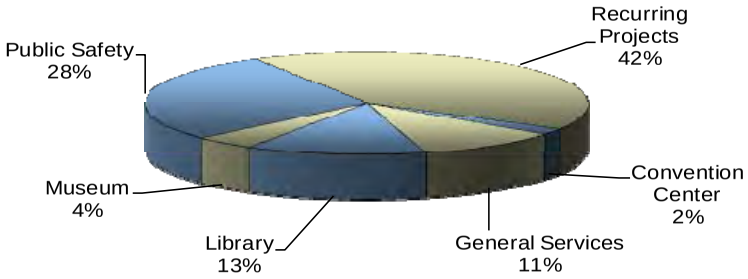
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Convention Center	-	150,000	-	-	-	150,000	-
General Services	150,000	350,500	100,000	100,000	100,000	800,500	-
Library	-	253,500	250,000	250,000	250,000	1,003,500	23,851,900
Museum	-	190,000	50,000	50,000	50,000	340,000	-
Public Safety	-	724,519	1,000,000	250,000	200,000	2,174,519	22,000,000
Recurring Projects	80,000	780,000	780,000	780,000	780,000	3,200,000	-
Total	**230,000**	**2,448,519**	**2,180,000**	**1,430,000**	**1,380,000**	**7,668,519**	**45,851,900**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% of total are not labeled
NOTE: Projects funded in the Municipal Buildings and Facilities CIP that impact Departments described elsewhere in this document are shown here only.

2014/15 to 2018/19

Capital Improvement Program - Municipal Buildings and Facilities

Projected Capital Funding Revenue Sources by Fund

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
							-
	See Note [1]						
							-
	Total Funds Available for Capital Improvements	**-**	**-**	**-**	**-**	**-**	**-**

[1] The Municipal Buildings & Facilities CIP is Funded from General and other Fund revenues. Therefore, revenues are not shown here.

2014/15 to 2018/19

Capital Improvement Program - Municipal Buildings and Facilities

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - General Fund (101)	80,000	2,258,519	2,180,000	1,430,000	1,380,000
Total Funds Available for Capital Improvements from Revenue - Other City Funds	150,000	190,000	-	-	-
Fund Balance from Prior Year [1]	-	-	-	-	-
Total Funds Available for Capital Improvements	**230,000**	**2,448,519**	**2,180,000**	**1,430,000**	**1,380,000**

Project Number	Project Type	Project Description	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
MB-1	Convention Center	Convention Center Stairs (new stairs from Lot 33)	-	-	(150,000)	-	-	-	(150,000)	-
MB-2	General Services	Corporation Yard Fuel Island Restroom	-	(50,000)	(50,000)	-	-	-	(100,000)	-
MB-3	General Services	Corporation Yard E85 Fueling Station	-	(100,000)	(140,000)	-	-	-	(240,000)	-
MB-4	General Services	Corporation Yard Parking Lot Repaving	-	-	(50,000)	(100,000)	(100,000)	(100,000)	(350,000)	-
MB-5	General Services	Corp Yard Satellite Building Paint	-	-	(10,000)	-	-	-	(10,000)	-
MB-6	General Services	Security System Controller Replacement	-	-	(100,500)	-	-	-	(100,500)	-
MB-7	Library	Branch Library Improvements	-	-	(250,000)	(250,000)	(250,000)	(250,000)	(1,000,000)	-
MB-UF-1	Library	Downtown Library Renovation	-	-	-	-	-	-	-	(23,851,900)
MB-8	Library	Casa Blanca Library Drywall Repair	-	-	(3,500)	-	-	-	(3,500)	-
MB-9	Museum	Museum Elevator Renovation	(110,000)	-	(100,000)	-	-	-	(100,000)	-
MB-10	Museum	Metropolitan Museum Improvements	-	-	(50,000)	(50,000)	(50,000)	(50,000)	(200,000)	-
MB-11	Museum	Metropolitan Museum Improvements - Sidewalk	-	-	(40,000)	-	-	-	(40,000)	-
MB-12	Public Safety	Fire Station 2 Battalion 2 office & bath remodel	-	-	(39,400)	-	-	-	(39,400)	-
MB-13	Public Safety	Fire Station 2 Recreation Room/Captain Bath remodel	-	-	(8,890)	-	-	-	(8,890)	-
MB-14	Public Safety	Fire Station 2 Termite/Dry Rot Damage Repair	-	-	(10,000)	-	-	-	(10,000)	-
MB-15	Public Safety	Fire Station 2 Add Windows to Apparatus Bay	-	-	(2,500)	-	-	-	(2,500)	-
MB-16	Public Safety	Fire Station 3 Carpet Replacement	-	-	(10,000)	-	-	-	(10,000)	-
MB-17	Public Safety	Fire Station 4 Automatic Gate Opener Installation	-	-	(2,500)	-	-	-	(2,500)	-
MB-18	Public Safety	Fire Station 4 Carpet Replacement	-	-	(10,000)	-	-	-	(10,000)	-
MB-19	Public Safety	Fire Station 4 Kitchen Remodel (cabinets, flooring, paint & appliances)	-	-	(30,000)	-	-	-	(30,000)	-
MB-20	Public Safety	Fire Station 4 Termite/Dry Rot Damage Repair	-	-	(10,000)	-	-	-	(10,000)	-
MB-21	Public Safety	Fire Station 6 Paint Interior	-	-	(2,000)	-	-	-	(2,000)	-
MB-22	Public Safety	Fire Station 7 Carpet Replacement	-	-	(9,729)	-	-	-	(9,729)	-
MB-23	Public Safety	Fire Station 7 Kitchen Remodel (Cabinets, flooring, paint & appliances	-	-	(30,000)	-	-	-	(30,000)	-
MB-24	Public Safety	Fire Station 8 Termite/Dry Rot Damage Repair	-	-	(5,000)	-	-	-	(5,000)	-
MB-25	Public Safety	Fire Station 8 Concrete Driveway Replacement	-	-	(42,000)	-	-	-	(42,000)	-
MB-26	Public Safety	Fire Station 8 Kitchen Remodel (cabinets, flooring, paint & appliances)	-	-	(30,000)	-	-	-	(30,000)	-
MB-27	Public Safety	Fire Station 8 Parking Lot Asphalt Repair	-	-	(3,000)	-	-	-	(3,000)	-
MB-28	Public Safety	Fire Station 8 Shower Grout Replacement	-	-	(2,500)	-	-	-	(2,500)	-
MB-29	Public Safety	Fire Station 8 Motor Gate Installation	-	-	(2,500)	-	-	-	(2,500)	-
MB-30	Public Safety	Fire Station 11 Carpet Replacement	-	-	(10,000)	-	-	-	(10,000)	-
MB-31	Public Safety	Fire Station 12 Carpet Replacement	-	-	(12,000)	-	-	-	(12,000)	-
MB-32	Public Safety	Fire Station 13 Paint Interior	-	-	(2,000)	-	-	-	(2,000)	-

Project Number	Project Type	Project Description	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
MB-33	Public Safety	Fire Stations 4, 7, 8 Generator and Transfer Switch Replacements	-	-	(140,500)	-	-	-	(140,500)	-
MB-34	Public Safety	Fire Stations 4, 9, and 10 Security Fencing	-	-	(60,000)	-	-	-	(60,000)	-
MB-35	Public Safety	Fire Station 11 Gender Modifications	-	-	-	(750,000)	-	-	(750,000)	-
MB-36	Public Safety	Fire Station Improvements	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-37	Public Safety	Fire Station Security Systems	-	-	(50,000)	(50,000)	(50,000)	-	(150,000)	-
MB-38 / MB-UF-2	Public Safety	Police Department Improvements	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	(22,000,000)
MB-39	Recurring Projects	Americans with Disabilities Act Modifications at Various City Facilities	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-40	Recurring Projects	Convention Center Facility Refurbishment	-	-	(50,000)	(50,000)	(50,000)	(50,000)	(200,000)	-
MB-41	Recurring Projects	Convention Center Minor Facility Repairs	-	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
MB-42	Recurring Projects	Fox Theater Facility Repairs	-	-	(50,000)	(50,000)	(50,000)	(50,000)	(200,000)	-
MB-43	Recurring Projects	HVAC Replacement at Various City Facilities	-	(15,000)	(15,000)	(15,000)	(15,000)	(15,000)	(75,000)	-
MB-44	Recurring Projects	Miscellaneous Improvements at City Facilities	-	-	(500,000)	(500,000)	(500,000)	(500,000)	(2,000,000)	-
MB-45	Recurring Projects	Municipal Auditorium Facility Repairs/Refurbishment	-	(15,000)	(15,000)	(15,000)	(15,000)	(15,000)	(75,000)	-
		Total		**(230,000)**	**(2,448,519)**	**(2,180,000)**	**(1,430,000)**	**(1,380,000)**	**(7,668,519)**	**(45,851,900)**
		Unbudgeted Balance		**-**	**-**	**-**	**-**	**-**		

[1] The Municipal Buildings and Facilities CIP is not funded from any funding sources that retain a year-end balance. Projected expenditures are equal to projected appropriations.

NOTE: Projects funded in the Municipal Buildings and Facilities CIP that impact Departments described elsewhere in this document are shown here only.

2014/15 to 2018/19

Capital Improvement Program - Municipal Buildings and Facilities

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Central Garage Fund (650)	Restricted Non-City Funds	Total
MB-1	Convention Center	Convention Center Stairs (new stairs from Lot 33)	150,000	-	-	150,000
MB-2	General Services	Corporation Yard Fuel Island Restroom	-	100,000	-	100,000
MB-3	General Services	Corporation Yard E85 Fueling Station	-	240,000	-	240,000
MB-4	General Services	Corporation Yard Parking Lot Repaving	350,000	-	-	350,000
MB-5	General Services	Corp Yard Satellite Building Paint	10,000	-	-	10,000
MB-6	General Services	Security System Controller Replacement	100,500	-	-	100,500
MB-7	Library	Branch Library Improvements	1,000,000	-	-	1,000,000
MB-8	Library	Casa Blanca Library Drywall Repair	3,500	-	-	3,500
MB-9	Museum	Museum Elevator Renovation	100,000	-	-	100,000
MB-10	Museum	Metropolitan Museum Improvements	200,000	-	-	200,000
MB-11	Museum	Metropolitan Museum Improvements - Sidewalk	40,000	-	-	40,000
MB-12	Public Safety	Fire Station 2 Battalion 2 office & bath remodel	39,400	-	-	39,400
MB-13	Public Safety	Fire Station 2 Recreation Room/Captain Bath remodel	8,890	-	-	8,890
MB-14	Public Safety	Fire Station 2 Termite/Dry Rot Damage Repair	10,000	-	-	10,000
MB-15	Public Safety	Fire Station 2 Add Windows to Apparatus Bay	2,500	-	-	2,500
MB-16	Public Safety	Fire Station 3 Carpet Replacement	10,000	-	-	10,000
MB-17	Public Safety	Fire Station 4 Automatic Gate Opener Installation	2,500	-	-	2,500
MB-18	Public Safety	Fire Station 4 Carpet Replacement	10,000	-	-	10,000
MB-19	Public Safety	Fire Station 4 Kitchen Remodel (cabinets, flooring, paint & appliances)	30,000	-	-	30,000
MB-20	Public Safety	Fire Station 4 Termite/Dry Rot Damage Repair	10,000	-	-	10,000
MB-21	Public Safety	Fire Station 6 Paint Interior	2,000	-	-	2,000
MB-22	Public Safety	Fire Station 7 Carpet Replacement	9,729	-	-	9,729
MB-23	Public Safety	Fire Station 7 Kitchen Remodel (Cabinets, flooring, paint & appliances	30,000	-	-	30,000
MB-24	Public Safety	Fire Station 8 Termite/Dry Rot Damage Repair	5,000	-	-	5,000
MB-25	Public Safety	Fire Station 8 Concrete Driveway Replacement	42,000	-	-	42,000
MB-26	Public Safety	Fire Station 8 Kitchen Remodel (cabinets, flooring, paint & appliances)	30,000	-	-	30,000
MB-27	Public Safety	Fire Station 8 Parking Lot Asphalt Repair	3,000	-	-	3,000
MB-28	Public Safety	Fire Station 8 Shower Grout Replacement	2,500	-	-	2,500
MB-29	Public Safety	Fire Station 8 Motor Gate Installation	2,500	-	-	2,500
MB-30	Public Safety	Fire Station 11 Carpet Replacement	10,000	-	-	10,000
MB-31	Public Safety	Fire Station 12 Carpet Replacement	12,000	-	-	12,000
MB-32	Public Safety	Fire Station 13 Paint Interior	2,000	-	-	2,000

Project Number	Project Type	Project Description	General Fund (101)	Central Garage Fund (650)	Restricted Non-City Funds	Total
MB-33	Public Safety	Fire Stations 4, 7, 8 Generator and Transfer Switch Replacements	140,500	-	-	140,500
MB-34	Public Safety	Fire Stations 4, 9, and 10 Security Fencing	60,000	-	-	60,000
MB-35	Public Safety	Fire Station 11 Gender Modifications	750,000	-	-	750,000
MB-36	Public Safety	Fire Station Improvements	400,000	-	-	400,000
MB-37	Public Safety	Fire Station Security Systems	150,000	-	-	150,000
MB-38	Public Safety	Police Department Improvements	400,000	-	-	400,000
MB-39	Recurring Projects	Americans with Disabilities Act Modifications at Various City Facilities	400,000	-	-	400,000
MB-40	Recurring Projects	Convention Center Facility Refurbishment	200,000	-	-	200,000
MB-41	Recurring Projects	Convention Center Minor Facility Repairs	250,000	-	-	250,000
MB-42	Recurring Projects	Fox Theater Facility Repairs	200,000	-	-	200,000
MB-43	Recurring Projects	HVAC Replacement at Various City Facilities	75,000	-	-	75,000
MB-44	Recurring Projects	Miscellaneous Improvements at City Facilities	2,000,000	-	-	2,000,000
MB-45	Recurring Projects	Municipal Auditorium Facility Repairs/Refurbishment	75,000	-	-	75,000
		Total Funded Projects	**7,328,519**	**340,000**	**-**	**7,668,519**

NOTE: Projects funded in the Municipal Buildings and Facilities CIP that impact Departments described elsewhere in this document are shown here only.

Table MB-6

2014/15 to 2018/19

Capital Improvement Program - Municipal Buildings and Facilities

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Airport Fund (530)	Funding Source Not Identified	Total
MB-UF-1	Library	Downtown Library Renovation	-	-	23,851,900	23,851,900
MB-UF-2	Public Safety	Police Department Improvements - Unfunded Component	-	-	22,000,000	22,000,000
		Total Unfunded Projects	**-**	**-**	**45,851,900**	**45,851,900**

NOTE: Projects funded in the Municipal Buildings and Facilities CIP that impact Departments described elsewhere in this document are shown here only.

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
600,000	1,021,326	1,068,140	1,120,156	1,176,756	4,986,378

Introduction

The Parks, Recreation, and Community Services Capital Improvement Program (CIP) reflects projects proposed within the limits of available funds and projects for which funds have already been appropriated. The proposed five-year CIP for the Parks, Recreation, and Community Services Department is based on available Development Impact Fees.

Projects listed for FY 2014/15 were selected based on the recommendations of the 2003 Park and Open Space Master Plan element of the General Plan, Park and Recreation Commission Subcommittee review, and Park and Recreation Commission approval. The recommendations from the Park and Open Space Master Plan focused on providing recreational uses that are not currently being met and improving vacant park land in order to move closer to a target of having three developed park acres per 1,000 population.

The top projects were selected based on available funding from Local Park Fees and Regional Park Fees. Due to budget constraints, this year's appropriations were limited to Park and Community Center Refurbishment and continuation of existing projects only.

Key Revenues and Funding Sources

The CIP is supported by the following revenue sources: the Local Park Fees Fund (411); the Regional Park Fees Fund (413); and the General Fund (101).

Local Park Fees Fund
Local Park Fees are derived from development fees and are used to finance capital improvements to neighborhood and community parks. Development in the City provides a source of funding for local park fees.

Regional Park Fees Fund
Regional Park Fees projects are derived from regional fees. These funds are used to finance capital improvements to regional parks or for regional needs, such as Fairmount Park, Mt. Rubidoux, and Sycamore Canyon. Development in the City provides a source of funding for regional park improvement needs.

General Fund
The General Fund also provides an annual commitment for refurbishment projects at the recreation centers and within the parks.

Future CIP Considerations

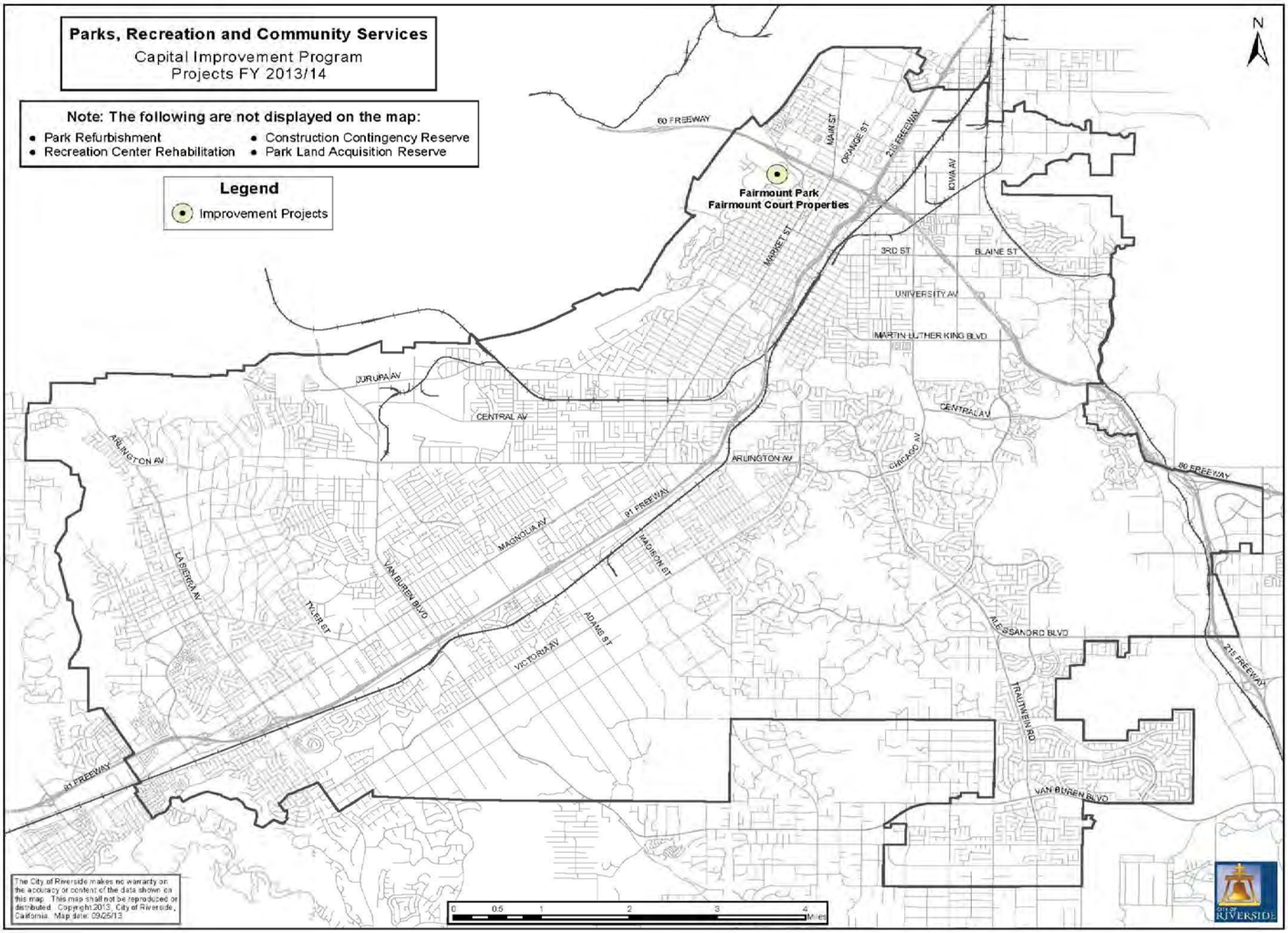
A list of Future Capital Projects is appended, which details additional needs in alphabetical, not prioritized, order and is not an inclusive listing of park projects needed to fully implement the park system or to correct known deficiencies.

2014/15 to 2018/19

Capital Improvement Program - Parks, Recreation, and Community Services

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Local Park Fund (411)	Regional Park Fund (413)	Restricted Non-City Funds	Total
PR-1	Recurring Projects	Construction Contingency Reserve	-	400,000	-	-	400,000
PR-2	Recurring Projects	Park Land Acquisition Reserve	-	200,000	-	-	200,000
		Total	**-**	**600,000**	**-**	**-**	**600,000**


Parks, Recreation and Community Services
Capital Improvement Program
Projects FY 2013/14
Note: The following are not displayed on the map:
• Park Refurbishment
• Recreation Center Rehabilitation
• Construction Contingency Reserve
• Park Land Acquisition Reserve
Legend
Improvement Projects
Fairmount Park
Fairmount Court Properties
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
MARKET ST
3RD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
91 FREEWAY
MAGNOLIA AV
MADISON ST
LA SIERRA AV
VAN BUREN BLVD
TYLER ST
ADAMS ST
VICTORIA AV
ALESSANDRO BLVD
TRAUTNER RD
The City of Riverside makes no warranty on the accuracy or content of the data shown on this map. This map shall not be reproduced or distributed. Copyright 2013, City of Riverside, California. Map date: 09/25/13
0 0.5 1 2 3 4 Miles
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CITY OF RIVERSIDE

2014/15 to 2018/19

Capital Improvement Program - Parks, Recreation, and Community Services

Capital Improvement Program Summary

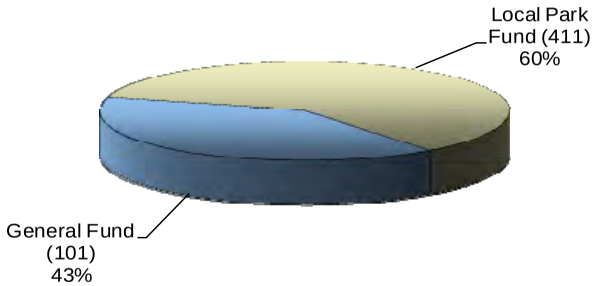
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101) [1]	-	421,326	468,140	520,156	576,756	1,986,378	-
Local Park Fund (411)	600,000	600,000	600,000	600,000	600,000	3,000,000	61,709,900
Regional Park Fund (413)	-	-	-	-	-	-	31,455,000
Funding Source Not Identified	-	-	-	-	-	-	2,900,000
Total	**600,000**	**1,021,326**	**1,068,140**	**1,120,156**	**1,176,756**	**4,986,378**	**96,064,900**

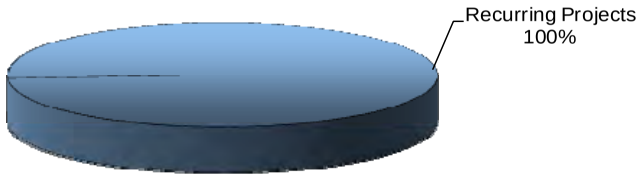
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Local Parks	-	-	-	-	-	-	64,609,900
Regional Parks	-	-	-	-	-	-	31,455,000
Recurring Projects	600,000	1,021,326	1,068,140	1,120,156	1,176,756	4,986,378	-
Total	**600,000**	**1,021,326**	**1,068,140**	**1,120,156**	**1,176,756**	**4,986,378**	**96,064,900**

Expenditures by Fund



Expenditures by Category



[1] General Fund available funds shown include anticipated revenue from non-City sources categorized as Restricted Non-City Funds.

NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% are not labeled.

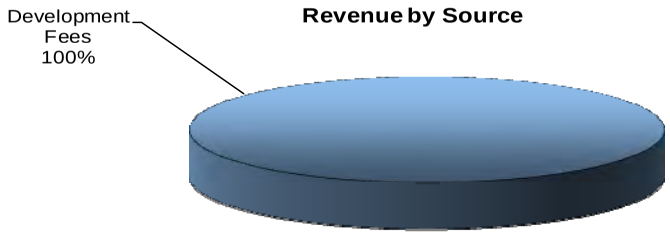
2014/15 to 2018/19

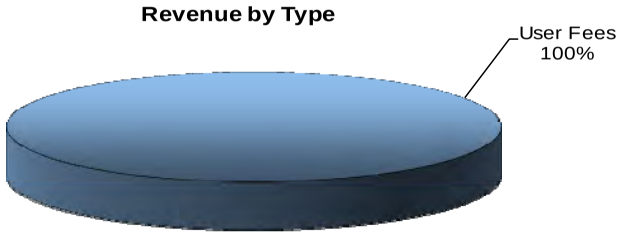
Capital Improvement Program - Parks, Recreation, and Community Services

Projected Capital Funding Revenue Sources by Fund

Local Park Fund (411)

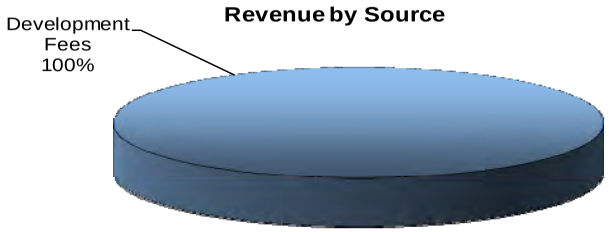
Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Development Fees	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
	Total Funds Available for Capital Improvements from Revenue	**4,000,000**	**4,000,000**	**4,000,000**	**4,000,000**	**4,000,000**	**20,000,000**

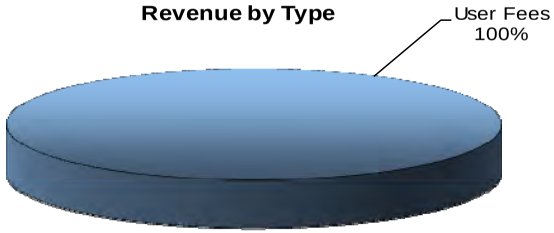




Regional Park Fund (413)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Development Fees	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
	Total Funds Available for Capital Improvements from Revenue	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**5,000,000**





NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Parks, Recreation, and Community Services

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - General Fund (101) [1]	-	421,326	468,140	520,156	576,756
Total Funds Available for Capital Improvements from Revenue - Local Parks Fund (411)	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Total Funds Available for Capital Improvements from Revenue - Regional Parks Fund (413)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Fund Balance from Prior Year - Parks Funds (411 & 413)	993,975	2,147,730	3,201,485	4,255,240	5,308,995
Total Funds Available for Capital Improvements	**5,993,975**	**7,569,056**	**8,669,625**	**9,775,396**	**10,885,751**
Less: Adjustments for Non-Capital Expenditures					
MS4 Permit Charge	(55,216)	(55,216)	(55,216)	(55,216)	(55,216)
Allocated Costs	(19,375)	(19,375)	(19,375)	(19,375)	(19,375)
Debt Service - 2008 Certificates of Participation (411) [2]	(2,300,000)	(3,095,256)	(3,095,256)	(3,095,256)	(3,095,256)
Debt Service - 2011 Renaissance Loan	(34,600)	(718,000)	(718,000)	(718,000)	(718,000)
Debt Service - 2012 Renaissance Loan	(34,020)	(706,000)	(706,000)	(706,000)	(706,000)
Adjusted Total Funds Available for Capital Improvements	**3,550,764**	**2,975,209**	**4,075,778**	**5,181,549**	**6,291,904**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
PR-1	Recurring Projects	Construction Contingency Reserve	(400,000)	(400,000)	(400,000)	(400,000)	(400,000)	(2,000,000)	-
PR-2	Recurring Projects	Park Land Acquisition Reserve	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(1,000,000)	-
PR-3	Recurring Projects	Park Refurbishment	-	(249,913)	(277,681)	(308,535)	(342,035)	(1,178,164)	-
PR-4	Recurring Projects	Recreation Center Rehabilitation	-	(171,413)	(190,459)	(211,621)	(234,721)	(808,214)	-
PR-UF-1	Local Parks	Bergamont/Replace Playground Equipment and Surface	-	-	-	-	-	-	(350,000)
PR-UF-2	Local Parks	Bordwell/Gymnasium	-	-	-	-	-	-	(4,600,000)
PR-UF-3	Local Parks	Castleview Park Development	-	-	-	-	-	-	(10,200,000)
PR-UF-4	Local Parks	Collett/Playground	-	-	-	-	-	-	(500,000)
PR-UF-5	Local Parks	Don Lorenzi/Restroom	-	-	-	-	-	-	(400,000)
PR-UF-6	Local Parks	Fairmount Park - North Hill	-	-	-	-	-	-	(905,000)
PR-UF-7	Local Parks	Gage Canal Trails	-	-	-	-	-	-	(770,000)
PR-UF-8	Local Parks	Golden Star	-	-	-	-	-	-	(8,882,500)
PR-UF-9	Local Parks	Highland/Basketball Court	-	-	-	-	-	-	(150,000)
PR-UF-10	Local Parks	Islander Trailhead - Park Expansion	-	-	-	-	-	-	(2,900,000)
PR-UF-11	Local Parks	Mission Ranch	-	-	-	-	-	-	(6,321,000)
PR-UF-12	Local Parks	Mt. Vernon Expansion	-	-	-	-	-	-	(1,698,900)
PR-UF-13	Local Parks	Mt. Vernon Park	-	-	-	-	-	-	(3,782,500)
PR-UF-14	Local Parks	Nichols Community Center	-	-	-	-	-	-	(6,675,000)
PR-UF-15	Local Parks	Patterson Park/Playground	-	-	-	-	-	-	(500,000)
PR-UF-16	Local Parks	Pool Refurbishments - Various	-	-	-	-	-	-	(1,300,000)
PR-UF-17	Local Parks	Skate Parks - Future Sites	-	-	-	-	-	-	(1,325,000)
PR-UF-18	Local Parks	Taft/Playground	-	-	-	-	-	-	(500,000)
PR-UF-19	Local Parks	Thundersky/Playground	-	-	-	-	-	-	(500,000)
PR-UF-20	Local Parks	Trails	-	-	-	-	-	-	(4,000,000)
PR-UF-21	Local Parks	Various Sites/Install Park and Progress Signs	-	-	-	-	-	-	(150,000)
PR-UF-22	Local Parks	Victoria-Cross Development/Additional	-	-	-	-	-	-	(1,100,000)
PR-UF-23	Local Parks	Victoria-Cross Development/Initial Development	-	-	-	-	-	-	(4,200,000)
PR-UF-24	Local Parks	Villegas Park - Phase II Improvements	-	-	-	-	-	-	(2,900,000)
PR-UF-25	Regional Parks	Fairmount Park Banks Intersection/Pedestrian Access	-	-	-	-	-	-	(525,000)

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
PR-UF-26	Regional Parks	Fairmount/Historic Core Phase I (Bandshell, Amphitheater Renovation)	-	-	-	-	-	-	(750,000)
PR-UF-27	Regional Parks	Fairmount/Historic Core Phase II (Pedestrian Access, Restroom, Parking Improvements)	-	-	-	-	-	-	(3,200,000)
PR-UF-28	Regional Parks	Fairmount/Lighting & Lakeshore Access Improvements, Phase II	-	-	-	-	-	-	(825,000)
PR-UF-29	Regional Parks	Hole Lake Park Site Development	-	-	-	-	-	-	(2,200,000)
PR-UF-30	Regional Parks	Indian Hill Acquisition	-	-	-	-	-	-	(1,830,000)
PR-UF-31	Regional Parks	MWD Box Springs Feeder	-	-	-	-	-	-	(600,000)
PR-UF-32	Regional Parks	Quail Run Fencing	-	-	-	-	-	-	(50,000)
PR-UF-33	Regional Parks	Sycamore Canyon Trailhead	-	-	-	-	-	-	(1,850,000)
PR-UF-34	Regional Parks	Trail Projects - Including MWD Box Springs	-	-	-	-	-	-	(19,625,000)
		Total	**(600,000)**	**(1,021,326)**	**(1,068,140)**	**(1,120,156)**	**(1,176,756)**	**(4,986,378)**	**(96,064,900)**
		Unbudgeted Balance	**2,950,764**	**1,953,883**	**3,007,638**	**4,061,393**	**5,115,148**		

[1] Due to the numerous General Fund revenue sources, it would be difficult to attribute projects to a specific revenue source. Sufficient General Fund revenues exist to fund the projects shown in the Parks, Recreation, and Community Services CIP.

[2] The General Fund is currently servicing a portion of this debt on behalf of the Local Park Fees Fund. To the extent that surplus revenues materialize, these funds will be redirected to the General Fund to reimburse the debt service costs funded by the General Fund in prior years.

2014/15 to 2018/19

Capital Improvement Program - Parks, Recreation, and Community Services

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Local Park Fund (411)	Regional Park Fund (413)	Restricted Non-City Funds	Total
PR-1	Recurring Projects	Construction Contingency Reserve	-	2,000,000	-	-	2,000,000
PR-2	Recurring Projects	Park Land Acquisition Reserve	-	1,000,000	-	-	1,000,000
PR-3	Recurring Projects	Park Refurbishment	1,178,164	-	-	-	1,178,164
PR-4	Recurring Projects	Recreation Center Rehabilitation	808,214	-	-	-	808,214
		Total Funded Projects	**1,986,378**	**3,000,000**	**-**	**-**	**4,986,378**

2013/14 to 2017/18

Capital Improvement Program - Parks, Recreation, and Community Services

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Local Park Fund (411)	Regional Park Fund (413)	Funding Source Not Identified	Total
PR-UF-1	Local Parks	Arizona Middle School Field Renovation	-	-	-	500,000	500,000
PR-UF-2	Local Parks	Bergamont/Replace Playground Equipment and Surface	-	350,000	-	-	350,000
PR-UF-3	Local Parks	Bonds/Parking Lot Lighting	-	125,000	-	-	125,000
PR-UF-4	Local Parks	Bordwell/Gymnasium	-	4,600,000	-	-	4,600,000
PR-UF-5	Local Parks	Carlson Park/St. Francis Falls Restoration	-	675,000	-	-	675,000
PR-UF-6	Local Parks	Castleview Park Development	-	10,200,000	-	-	10,200,000
PR-UF-7	Local Parks	Collett/Playground	-	500,000	-	-	500,000
PR-UF-8	Local Parks	Don Lorenzi/Restroom	-	400,000	-	-	400,000
PR-UF-9	Local Parks	Fairmount Park - North Hill	-	905,000	-	-	905,000
PR-UF-10	Local Parks	Gage Canal Trails	-	770,000	-	-	770,000
PR-UF-11	Local Parks	Golden Star	-	8,882,500	-	-	8,882,500
PR-UF-12	Local Parks	Highland Park Community Center	-	1,437,500	-	-	1,437,500
PR-UF-13	Local Parks	Highland/Basketball Court	-	150,000	-	-	150,000
PR-UF-14	Local Parks	Islander Trailhead - Park Expansion	-	-	-	2,900,000	2,900,000
PR-UF-15	Local Parks	Mission Ranch	-	6,321,000	-	-	6,321,000
PR-UF-16	Local Parks	Mt. Vernon Expansion	-	1,698,900	-	-	1,698,900
PR-UF-17	Local Parks	Mt. Vernon Park	-	3,782,500	-	-	3,782,500
PR-UF-18	Local Parks	Nichols Community Center	-	6,675,000	-	-	6,675,000
PR-UF-19	Local Parks	Park Inventory and Master Plan 2012	-	300,000	-	-	300,000
PR-UF-20	Local Parks	Patterson Park/Playground	-	500,000	-	-	500,000
PR-UF-21	Local Parks	Pool Refurbishments - Various	-	1,300,000	-	-	1,300,000
PR-UF-22	Local Parks	Skate Parks - Future Sites	-	1,325,000	-	-	1,325,000
PR-UF-23	Local Parks	Taft/Playground	-	500,000	-	-	500,000
PR-UF-24	Local Parks	Thundersky/Playground	-	500,000	-	-	500,000
PR-UF-25	Local Parks	Trails	-	4,000,000	-	-	4,000,000
PR-UF-26	Local Parks	University Neighborhood Parks Master Plans (Mt. Vernon, Islander, Highlander)	-	3,200,000	-	-	3,200,000
PR-UF-27	Local Parks	Various Sites/Install Park and Progress Signs	-	150,000	-	-	150,000
PR-UF-28	Local Parks	Victoria-Cross Development/Additional	-	1,100,000	-	-	1,100,000
PR-UF-29	Local Parks	Victoria-Cross Development/Initial Development	-	4,200,000	-	-	4,200,000
PR-UF-30	Local Parks	Villegas Park - Phase II Improvements	-	-	2,900,000	-	2,900,000
PR-UF-31	Regional Parks	Challen Hill	-	-	1,875,000	-	1,875,000
PR-UF-32	Regional Parks	Fairmount Park Banks Intersection/Pedestrian Access	-	-	525,000	-	525,000
PR-UF-33	Regional Parks	Fairmount Park Dexter Parking Lot	-	-	1,417,500	-	1,417,500

Project Number	Project Type	Project Description	General Fund (101)	Local Park Fund (411)	Regional Park Fund (413)	Funding Source Not Identified	Total
PR-UF-34	Regional Parks	Fairmount/Historic Core Phase I (Bandshell, Amphitheater Renovation)	-	-	750,000	-	750,000
PR-UF-35	Regional Parks	Fairmount/Historic Core Phase II (Pedestrian Access, Restroom, Parking Improvements)	-	-	3,200,000	-	3,200,000
PR-UF-36	Regional Parks	Fairmount/Irrigation System Modifications		-	-	625,000	625,000
PR-UF-37	Regional Parks	Fairmount/Lighting & Lakeshore Access Improvements, Phase II	-	-	825,000	-	825,000
PR-UF-38	Regional Parks	Fairmount/Water Quality Improvements/Aeration - Phase I	-	-	100,000	-	100,000
PR-UF-39	Regional Parks	Fairmount/Water Quality Improvements/Aeration - Phase 2	-	-	900,000	-	900,000
PR-UF-40	Regional Parks	Hole Lake Park Site Development	-	-	2,200,000	-	2,200,000
PR-UF-41	Regional Parks	Indian Hill Acquisition	-	-	1,830,000	-	1,830,000
PR-UF-42	Regional Parks	MWD Box Springs Feeder	-	-	600,000	-	600,000
PR-UF-43	Regional Parks	Quail Run Fencing	-	-	50,000	-	50,000
PR-UF-44	Regional Parks	Savi Ranch Development	-	-	16,000,000	-	16,000,000
PR-UF-45	Regional Parks	Sycamore Canyon Property Fence	-	-	2,200,000	-	2,200,000
PR-UF-46	Regional Parks	Sycamore Canyon Trailhead	-	-	1,850,000	-	1,850,000
PR-UF-47	Regional Parks	Trail Projects - Including MWD Box Springs	-	-	19,625,000	-	19,625,000
		Total Unfunded Projects	**-**	**64,547,400**	**56,847,500**	**4,025,000**	**125,419,900**

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
26,549,900	14,962,450	9,090,000	12,066,000	6,740,000	69,408,350

Introduction

The FY 2014/15 to 2018/19 CIP is a planning document intended to prioritize and allocate City funds for transportation improvements. The program includes two major sections, Streets and Traffic Signals, at a total funded cost of $69.4 million. The proposed program is underfunded by $72.6 million.

While sales tax and gas tax revenues are recovering from the declines during the recession, the formula for distribution of Measure A sales tax funds to cities for local streets and roads changed in 2009/10 to 29% of total Measure A, decreasing from the previous rate of 40%, a decline of 28%. Little funding from State and federal sources is anticipated for traditional street projects. The City issued certificates of participation (COP) for paving projects in 2013 that will be repaid from local transportation funds.

Street Projects

The Streets program for FY 2014/15 to 2018/19 is designed to meet City Council priorities while reducing the backlog of uncompleted projects. Significant new projects added to the proposed CIP include: street widening on Magnolia Avenue between Buchanan Street and Banbury Drive and on Canyon Crest Drive between Country Club and Via Vista, improvements to Wells Avenue from Hole Avenue to Tyler Street and to Chicago Avenue at interstate 215, and construction of a walking trail adjacent to the Santa Ana River and the existing bike trail from Martha McLean Anza Narrows Park to Fairmount Park.

Projects previously approved by the City Council include: rehabilitation of Arlington Avenue between Van Buren and State Route 91 and of Indiana Avenue between Vallejo Street and Auto Center Drive, safety improvements to Arlington Avenue between Fairhaven Drive and the westerly City limits, and COP funded paving projects.

Historic funding levels are proposed for the rehabilitation of local and arterial streets and the repair of curbs, gutters, and sidewalks. The program also includes funding for the construction of wheelchair ramps to comply with the Americans with Disabilities Act (ADA).

Traffic Signal Projects

The Traffic Signals program for FY 2014/15 to 2018/19 includes construction of new traffic signals and modifications to existing signals to add left turn phasing to existing signals to improve safety and traffic flow at the intersections. Other modifications include the replacement of obsolete signal controllers to more efficiently coordinate the signal system.

The five year CIP continues consideration of key programs: the Traffic Management Center is apportioned $275,000, and the Arterial Interconnect Project is planned for $200,000. In addition, the CIP includes routine traffic signal loop detector, LED signal lenses and radio replacement funds.

Signal construction priorities are only established one year in advance. Future signal construction will be prioritized as traffic demand warrants. Intersection signalization needs will be determined by analyzing intersection traffic volumes, accident history, and vehicle delay data.

Key Revenues and Funding Sources

Revenues for the projects are provided primarily by State Gas Tax, Local Measure A, and City Development Impact fees. Beginning in FY 2010/11, the State replaced Proposition 42 funds with additional Gas Tax funds (Gas Tax Swap). These revenue sources experienced steep declines due to the recession, with Local Measure A funds further reduced by the change in the allocation formula that began in FY 2009/10. The City issued certificates of participation (COP) in 2013 that provided funding for a backlog of street paving projects. The COP debt will be repaid in future years from local transportation funds. The debt service obligation will reduce available funds for transportation projects by $3 million per year for the twenty year repayment term. The proposed CIP anticipates the City receiving $8.5 million in funding from

the Congestion Mitigation Air Quality (CMAQ) Program and the State Transportation Improvement Program.

Future CIP Considerations

The City, as well as the region and State need to find additional and reliable funding sources to meet the needs to construct new transportation facilities as well as to maintain the existing infrastructure. City staff continues to evaluate available funding options and are working to find funding sources for the remaining unfunded project costs.

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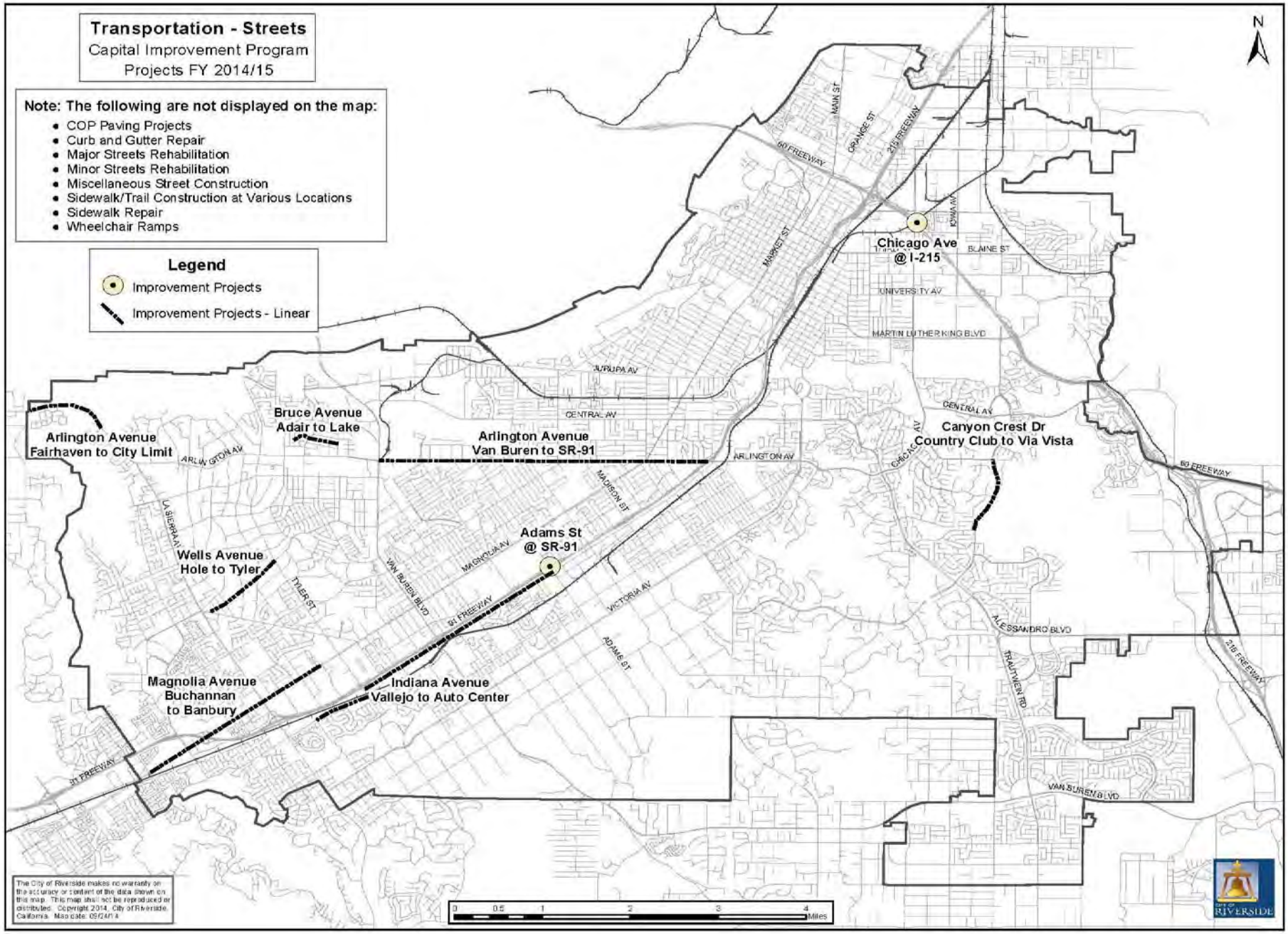
2014/15 to 2018/19

Capital Improvement Program - Transportation

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	City Transport. Funds	Restricted Non-City Funds	Total
TR-1	Street Construction	Adams/SR 91 Interchange	-	165,000	935,000	1,100,000
TR-2	Street Construction	Arlington Avenue Pavement Rehab, Van Buren to SR 91	-	2,000,000	-	2,000,000
TR-3	Street Construction	Arlington - Fairhaven to city limit	-	100,000	-	100,000
TR-4	Street Construction	Bruce Avenue Sidewalks	-	208,000	195,000	403,000
TR-5	Street Construction	Canyon Crest Widening - Country Club to Via Vista	-	500,000	-	500,000
TR-6	Street Construction	Certificates of Participation (COP) - Paving Projects	-	8,727,890	-	8,727,890
TR-7	Street Construction	COP Paving Projects (performed by Streets division)	-	1,272,110	-	1,272,110
TR-8	Street Construction	Chicago @ 215 Freeway	-	1,000,000	-	1,000,000
TR-9	Street Construction	Indiana - Vallejo to Auto Center Drive	-	100,000	-	100,000
TR-10	Street Construction	Magnolia Widening - Buchanan to Banbury	-	301,000	-	301,000
TR-13	Street Construction	Wells Improvements-Hole to Tyler	-	2,750,000	-	2,750,000
TR-14	Street Maintenance	Curb and Gutter Repair	-	200,000	-	200,000
TR-15	Street Maintenance	Major Streets Rehabilitation/Preservation	-	2,400,000	-	2,400,000
TR-16	Street Maintenance	Minor Streets Rehabilitation/Preservation	-	2,000,000	-	2,000,000
TR-17	Street Maintenance	Miscellaneous Street Construction	-	500,000	-	500,000
TR-18	Street Maintenance	Sidewalk / Trail Construction at Various Locations	-	300,000	-	300,000
TR-19	Street Maintenance	Sidewalk Repair	-	300,000	-	300,000
TR-20	Street Maintenance	Wheelchair Ramps	-	300,000	-	300,000
		Subtotal Street Projects	**-**	**23,124,000**	**1,130,000**	**24,254,000**
TR-21	New Signals	Rumsey & Central	-	250,000	-	250,000
TR-23	New Signals	Traffic Signals (Prioritized Locations)	-	250,000	-	250,000
TR-24	Signal Interconnections	Traffic Management Center	-	75,000	-	75,000
TR-25	Signal Interconnections	Magnolia Interconnect-Buchanan to 3rd	-	25,000	-	25,000
TR-26	Signal Interconnections	Arterial Interconnect Project	-	40,000	-	40,000
TR-29	Signal Maintenance	Spread Spectrum Radio Replacement	-	10,000	-	10,000
TR-30	Signal Maintenance	Traffic Signal Loop Replacement	-	35,000	-	35,000
TR-31	Misc Traffic Improvements	Miscellaneous Traffic Projects	-	75,000	-	75,000
TR-32	Traffic/Signal Modifications	Protect/Permit Left Turns- University	-	125,000	-	125,000
TR-33	Traffic/Signal Modifications	Signal Revisions	-	150,000	-	150,000
TR-34	Traffic/Signal Modifications	3rd/Blaine Bike Lanes	-	383,400	-	383,400
		Subtotal Signal Projects	**-**	**1,418,400**	**-**	**1,418,400**
TR-35	Bicycle/Pedestrian	Bicycle Share Program		240,000	-	240,000
TR-38	Bicycle/Pedestrian	SR 91 Pedestrian Bridge-MetroLink to Downtown	-	637,500	-	637,500
		Subtotal Bicycle/Pedestrian Projects	**-**	**877,500**	**-**	**877,500**
						-
		Total	**-**	**25,419,900**	**1,130,000**	**26,549,900**


Transportation - Streets
Capital Improvement Program
Projects FY 2014/15
Note: The following are not displayed on the map:
COP Paving Projects
Curb and Gutter Repair
Major Streets Rehabilitation
Minor Streets Rehabilitation
Miscellaneous Street Construction
Sidewalk/Trail Construction at Various Locations
Sidewalk Repair
Wheelchair Ramps
Legend
Improvement Projects
Improvement Projects - Linear
N
Chicago Ave @ I-215
Arlington Avenue Fairhaven to City Limit
Bruce Avenue Adair to Lake
Arlington Avenue Van Buren to SR-91
Canyon Crest Dr Country Club to Via Vista
Wells Avenue Hole to Tyler
Adams St @ SR-91
Magnolia Avenue Buchannan to Banbury
Indiana Avenue Vallejo to Auto Center
60 FREEWAY
215 FREEWAY
91 FREEWAY
MAIN ST
ORANGE ST
MARKET ST
IOWA AV
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
AURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
MADISON ST
LA SIERRA AV
MAGNOLIA AV
VAN BUREN BLVD
TYLER ST
VICTORIA AV
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN RD
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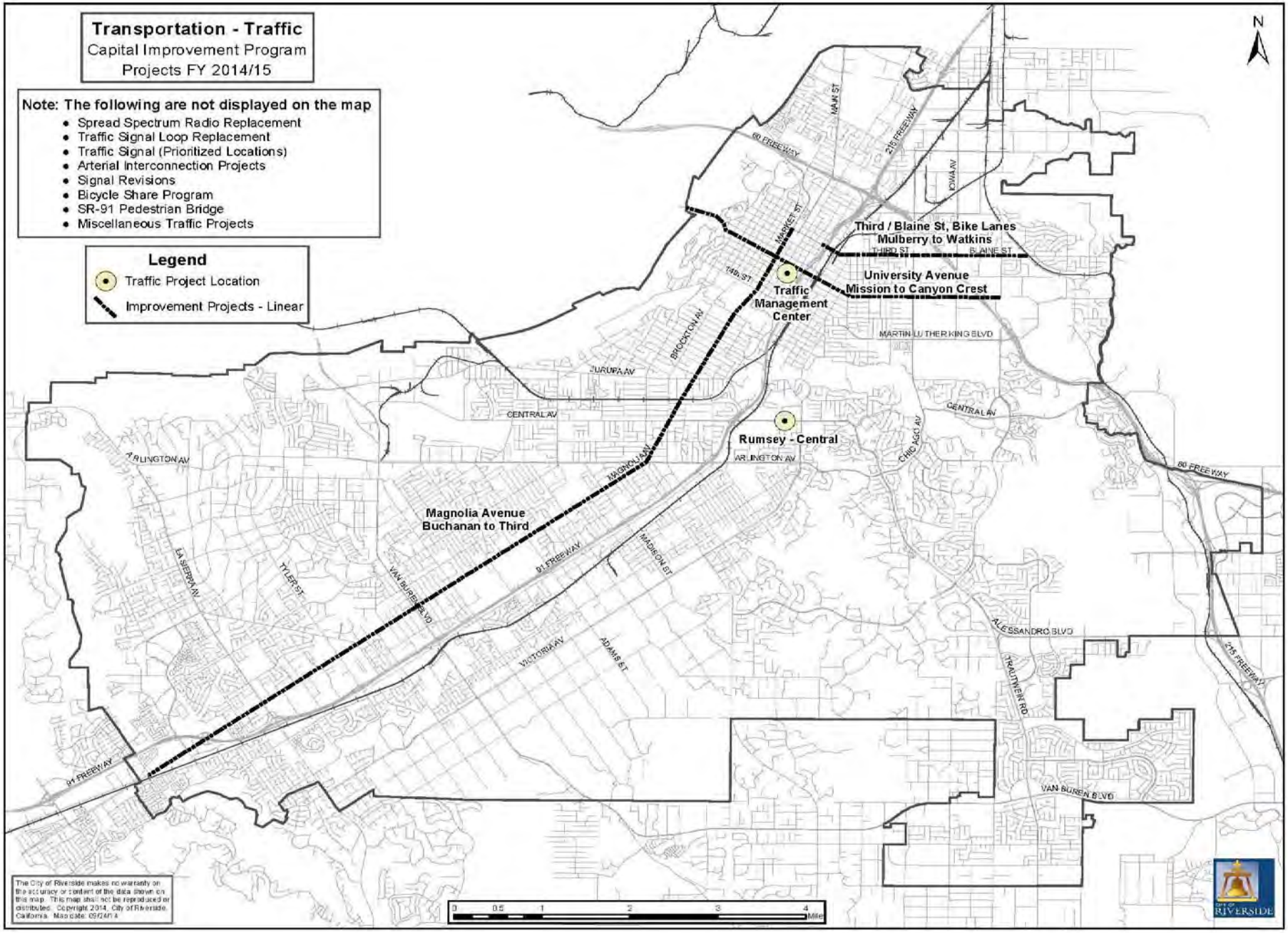
Transportation - Traffic
Capital Improvement Program
Projects FY 2014/15
Note: The following are not displayed on the map
Spread Spectrum Radio Replacement
Traffic Signal Loop Replacement
Traffic Signal (Prioritized Locations)
Arterial Interconnection Projects
Signal Revisions
Bicycle Share Program
SR-91 Pedestrian Bridge
Miscellaneous Traffic Projects
Legend
Traffic Project Location
Improvement Projects - Linear
N
Third / Blaine St, Bike Lanes
Mulberry to Watkins
THIRD ST
BLAINE ST
University Avenue
Mission to Canyon Crest
Traffic
Management
Center
Rumsey - Central
Magnolia Avenue
Buchanan to Third
60 FREEWAY
215 FREEWAY
91 FREEWAY
MAIN ST
IOWA AV
MARKET ST
14th ST
BROCKTON AV
JURUPA AV
CENTRAL AV
MARTIN LUTHER KING BLVD
ARLINGTON AV
MAGNOLIA AV
CHICAGO AV
MADISON ST
VAN BUREN BLVD
TYLER ST
LA SIERRA AV
VICTORIA AV
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN RD
0 0.5 1 2 3 4 Miles
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CITY OF RIVERSIDE

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2014/15 to 2018/19

Capital Improvement Program - Transportation

Capital Improvement Program Summary

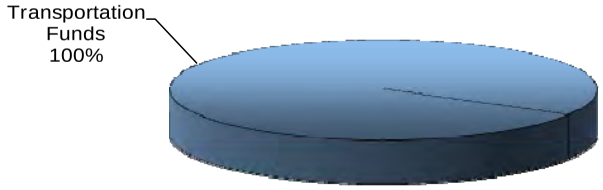
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-	-
Transportation Funds (City and Non-City)	29,460,409	26,549,900	14,962,450	9,090,000	12,066,000	6,740,000	69,408,350	-
Funding Source Not Identified	109,648	-	-	-	-	-	-	72,609,002
Total	**29,570,057**	**26,549,900**	**14,962,450**	**9,090,000**	**12,066,000**	**6,740,000**	**69,408,350**	**72,609,002**

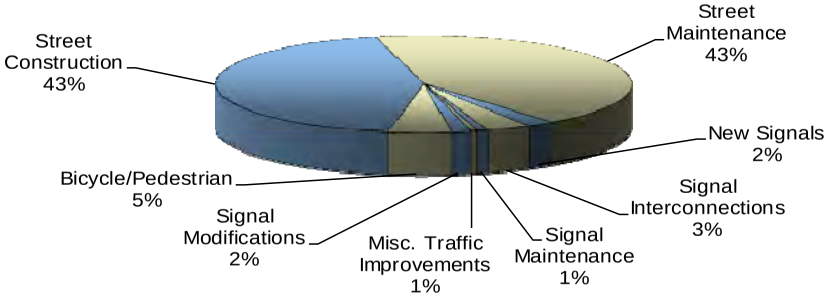
Projected Expenditures by Category

Project Category	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Street Construction	29,507,057	18,254,000	6,330,000	2,450,000	3,050,000	100,000	30,184,000	71,540,352
Street Maintenance	-	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	30,000,000	-
New Signals	-	500,000	250,000	250,000	250,000	250,000	1,500,000	-
Signal Interconnections	-	140,000	1,941,000	90,000	90,000	90,000	2,351,000	-
Signal Maintenance	-	45,000	125,000	125,000	125,000	125,000	545,000	-
Misc. Traffic Improvements	-	75,000	75,000	75,000	75,000	75,000	375,000	-
Signal Modifications	-	658,400	100,000	100,000	100,000	100,000	1,058,400	-
Bicycle/Pedestrian	63,000	877,500	141,450	-	2,376,000	-	3,394,950	1,068,650
Total	**29,570,057**	**26,549,900**	**14,962,450**	**9,090,000**	**12,066,000**	**6,740,000**	**69,408,350**	**72,609,002**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% of total are not labeled

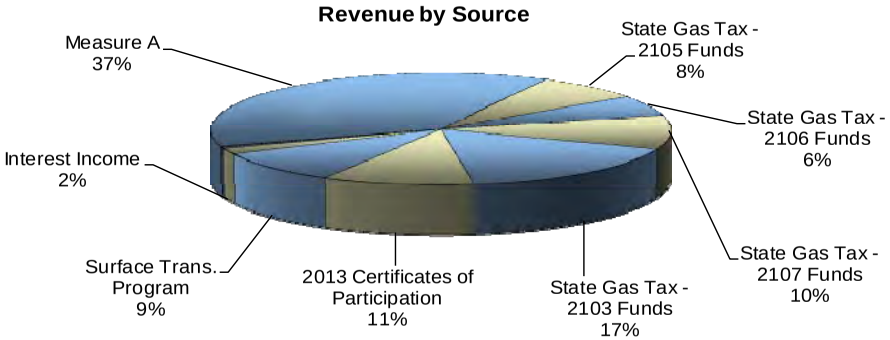
2014/15 to 2018/19

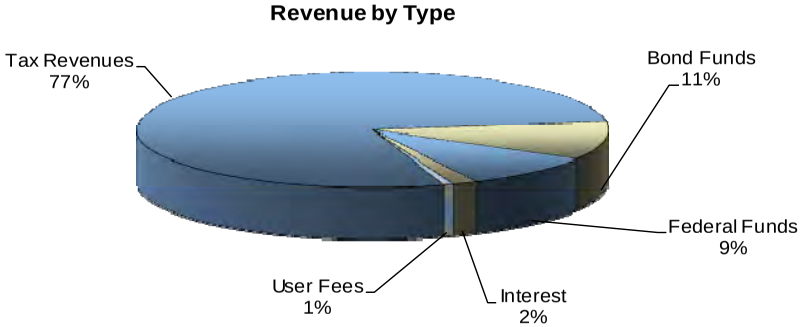
Capital Improvement Program - Transportation

Projected Capital Funding Revenue Sources by Fund

Transportation Funds (230, 430, 432, 433, & 434)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Signal Mitigation Fees	75,000	75,000	75,000	75,000	75,000	375,000
User Fees	Transportation Impact Fees	50,000	50,000	50,000	50,000	50,000	250,000
Tax Revenues	Measure A, Local Roads	6,655,000	6,855,000	7,061,000	7,273,000	7,491,000	35,335,000
Tax Revenues	State Gas Tax - 2105 Funds (Proposition 111)	1,482,125	1,450,000	1,400,000	1,400,000	1,400,000	7,132,125
Tax Revenues	State Gas Tax - 2106 Funds	1,158,236	1,150,000	1,100,000	1,100,000	1,100,000	5,608,236
Tax Revenues	State Gas Tax - 2107 Funds	1,831,132	1,800,000	1,800,000	1,800,000	1,800,000	9,031,132
Tax Revenues	State Gas Tax - 2103 Funds (Gas Tax Swap for AB2928)	3,225,090	3,200,000	3,200,000	3,200,000	3,200,000	16,025,090
Bond Funds	2013 Certificates of Participation for Transportation Paving Projects	10,000,000	-	-	-	-	10,000,000
Federal Funds	Surface Transportation Program & Congestion Mitigation and Air Quality	2,350,900	4,148,950	-	2,376,000	-	8,875,850
Interest	Interest Income	320,000	320,000	320,000	320,000	320,000	1,600,000
	Total Funds Available for Capital Improvements from Revenue	**27,147,483**	**19,048,950**	**15,006,000**	**17,594,000**	**15,436,000**	**94,232,433**





NOTE: Categories comprising less than 1% of total are not labeled.

NOTE: The five Transportation Funds are combined together above to better illustrate the revenue sources that fund transportation projects. In actuality, revenues are related to the Funds as follows:

230 Fund - State Gas Tax Funds
430 Fund - Restricted Non-City Funds (Except for TUMF Funds)
432 Fund - Measure A Funds
433 Fund - Signal Mitigation Fees and Transportation Impact Fees
434 Fund - TUMF Funds

2014/15 to 2018/19

Capital Improvement Program - Transportation

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Transportation Funds (230, 430, 432, 433, & 434)	27,147,483	19,048,950	15,006,000	17,594,000	15,436,000
Fund Balance from Prior Year - Transportation Funds (230, 430, 432, 433, & 434)	8,800,683	4,259,581	1,276,581	1,277,581	1,213,281
Total Funds Available for Capital Improvements	**35,948,166**	**23,308,531**	**16,282,581**	**18,871,581**	**16,649,281**
Less: Adjustments for Non-Capital Expenditures					
Street Maintenance/Preservation	(1,090,000)	(1,090,000)	(1,090,000)	(1,090,000)	(1,090,000)
Street Maintenance - (RDA Backfill)	(50,709)	-	-	-	-
Street Maintenance - (General Fund Backfill)	(800,000)	(800,000)	(550,000)	(300,000)	-
Street Maintenance - (General Fund Backfill)	(250,000)	-	-	-	-
Traffic Management Center Personnel Costs	(96,388)	-	-	-	-
Transportation Planning	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
Traffic Planning and Investigations	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)
Pavement Management System	(125,000)	(125,000)	(125,000)	(125,000)	(125,000)
Debt Service for 2013 Transportation Certificates of Participation	(1,711,088)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)
Railroad-related Projects Allocation (10% Measure A)	(665,500)	(1,704,500)	(800,000)	(727,300)	(749,100)
Adjusted Total Funds Available for Capital Improvements	**30,809,481**	**16,239,031**	**10,367,581**	**13,279,281**	**11,335,181**

Project Number	Project Type	Project Description	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
TR-1	Street Construction	Adams/SR 91 Interchange	-	(1,100,000)	-	-	-	-	(1,100,000)	-
TR-2	Street Construction	Arlington Avenue Pavement Rehab, Van Buren to SR 91	(100,000)	(2,000,000)	-	-	-	-	(2,000,000)	-
TR-3	Street Construction	Arlington - Fairhaven to city limit	(1,213,000)	(100,000)	-	-	-	-	(100,000)	-
TR-4	Street Construction	Bruce Avenue Sidewalks	-	(403,000)	-	-	-	-	(403,000)	-
TR-5	Street Construction	Canyon Crest Widening - Country Club to Via Vista	(104,672)	(500,000)	(200,000)	(2,350,000)	(2,950,000)	-	(6,000,000)	-
TR-6	Street Construction	Certificates of Participation (COP) - Paving Projects	(23,185,517)	(8,727,890)	-	-	-	-	(8,727,890)	-
TR-7	Street Construction	COP Paving Projects (performed by Streets division)	(2,544,220)	(1,272,110)	-	-	-	-	(1,272,110)	-
TR-8	Street Construction	Chicago @ 215 Freeway	-	(1,000,000)	-	-	-	-	(1,000,000)	-
TR-9	Street Construction	Indiana - Vallejo to Auto Center Drive	(2,050,000)	(100,000)	-	-	-	-	(100,000)	-
TR-10	Street Construction	Magnolia Widening - Buchanan to Banbury	-	(301,000)	(6,030,000)	-	-	-	(6,331,000)	-
TR-11	Street Construction	Market Street Bridge Replacement at Santa Ana River	(100,000)	-	(50,000)	(50,000)	(50,000)	(50,000)	(200,000)	-
TR-12	Street Construction	Mission Boulevard Bridge Replacement at Santa Ana River	(100,000)	-	(50,000)	(50,000)	(50,000)	(50,000)	(200,000)	-
TR-13	Street Construction	Wells Improvements-Hole to Tyler	-	(2,750,000)	-	-	-	-	(2,750,000)	-
TR-14	Street Maintenance	Curb and Gutter Repair	-	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(1,000,000)	-
TR-15	Street Maintenance	Major Streets Rehabilitation/Preservation	-	(2,400,000)	(2,400,000)	(2,400,000)	(2,400,000)	(2,400,000)	(12,000,000)	-
TR-16	Street Maintenance	Minor Streets Rehabilitation/Preservation	-	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)	(10,000,000)	-
TR-17	Street Maintenance	Miscellaneous Street Construction	-	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(2,500,000)	-
TR-18	Street Maintenance	Sidewalk / Trail Construction at Various Locations	-	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(1,500,000)	-
TR-19	Street Maintenance	Sidewalk Repair	-	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(1,500,000)	-
TR-20	Street Maintenance	Wheelchair Ramps	-	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(1,500,000)	-
TR-UF-1	Street Construction	Arlington Avenue Widening, Adams to Van Buren	-	-	-	-	-	-	-	1,500,000
TR-UF-2	Street Construction	Arlington Avenue Widening, Victoria to Alessandro	-	-	-	-	-	-	-	16,600,000
TR-UF-3	Street Construction	Chicago Medians - Le Conte to Martin Luther King	-	-	-	-	-	-	-	1,800,000
TR-UF-4	Street Construction	14th Street Widening, SR 91 to Martin Luther King	-	-	-	-	-	-	-	24,000,000
TR-UF-5	Street Construction	Iowa Avenue Widening - Martin Luther King to University	-	-	-	-	-	-	-	1,000,000
TR-UF-6	Street Construction	Van Buren Widening, Indiana to South City Limit	(109,648)	-	-	-	-	-	-	26,640,352
		Subtotal Street Projects	**(29,507,057)**	**(24,254,000)**	**(12,330,000)**	**(8,450,000)**	**(9,050,000)**	**(6,100,000)**	**(60,184,000)**	**71,540,352**

Project Number	Project Type	Project Description	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
TR-21	New Signals	Rumsey & Central	-	(250,000)	-	-	-	-	(250,000)	-
TR-22	New Signals	University & Fairmount	-	-	(250,000)	-	-	-	(250,000)	-
TR-23	New Signals	Traffic Signals (Prioritized Locations)	-	(250,000)	-	(250,000)	(250,000)	(250,000)	(1,000,000)	-
TR-24	Signal Interconnections	Traffic Management Center	-	(75,000)	(50,000)	(50,000)	(50,000)	(50,000)	(275,000)	-
TR-25	Signal Interconnections	Magnolia Interconnect-Buchanan to 3rd	-	(25,000)	(1,851,000)	-	-	-	(1,876,000)	-
TR-26	Signal Interconnections	Arterial Interconnect Project	-	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(200,000)	-
TR-27	Signal Maintenance	Controller Assembly Replacement	-	-	(40,000)	(40,000)	(40,000)	(40,000)	(160,000)	-
TR-28	Signal Maintenance	LED Signal Lenses Replacement	-	-	(40,000)	(40,000)	(40,000)	(40,000)	(160,000)	-
TR-29	Signal Maintenance	Spread Spectrum Radio Replacement	-	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)	-
TR-30	Signal Maintenance	Traffic Signal Loop Replacement	-	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)	-
TR-31	Misc Traffic Improvements	Miscellaneous Traffic Projects	-	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)	(375,000)	-
TR-32	Traffic/Signal Modifications	Protect/Permit Left Turns- University	-	(125,000)	-	-	-	-	(125,000)	-
TR-33	Traffic/Signal Modifications	Signal Revisions	-	(150,000)	(100,000)	(100,000)	(100,000)	(100,000)	(550,000)	-
TR-34	Traffic/Signal Modifications	3rd/Blaine Bike Lanes	-	(383,400)	-	-	-	-	(383,400)	-
		Subtotal Signal Projects	**-**	**(1,418,400)**	**(2,491,000)**	**(640,000)**	**(640,000)**	**(640,000)**	**(5,829,400)**	**-**
TR-35	Bicycle/Pedestrian	Bicycle Share Program	(63,000)	(240,000)	-	-	-	-	(240,000)	-
TR-36 / TR-UF-7	Bicycle/Pedestrian	Santa Ana Bicycle Trail-McLean Pk to Rubidoux Ave	-	-	(141,450)	-	-	-	(141,450)	82,150
TR-37 / TR-UF-8	Bicycle/Pedestrian	Santa Ana Walking Trail-McLean Pk to Fairmount Pk	-	-	-	-	(2,376,000)	-	(2,376,000)	874,000
TR-38 / TR-UF-9	Bicycle/Pedestrian	SR 91 Pedestrian Bridge-MetroLink to Downtown	-	(637,500)	-	-	-	-	(637,500)	112,500
		Subtotal Bicycle/Pedestrian Projects	**(63,000)**	**(877,500)**	**(141,450)**	**-**	**(2,376,000)**	**-**	**(3,394,950)**	**1,068,650**
		Total	**(29,570,057)**	**(26,549,900)**	**(14,962,450)**	**(9,090,000)**	**(12,066,000)**	**(6,740,000)**	**(69,408,350)**	**72,609,002**
		Unbudgeted Balance		**4,259,581**	**1,276,581**	**1,277,581**	**1,213,281**	**4,595,181**		

2014/15 to 2018/19

Capital Improvement Program - Transportation

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Special Gas Tax Fund (230)	Capital Outlay (COP) Fund 430	Measure A Fund (432)	Impact Fees (433)	Restricted Non-City Funds	Total	Funded in Prior Fiscal Years	Total Project Cost
TR-1	Street Construction	Adams Street/State Route 91 Interchange Improvements (design)	-	165,000	-	-	-	935,000	1,100,000	-	1,100,000
TR-2	Street Construction	Arlington Avenue Pavement Rehabilitation from Van Buren Boulevard to State Route 91	-	-	-	2,000,000	-	-	2,000,000	100,000	2,100,000
TR-3	Street Construction	Arlington Avenue safety improvements from Fairhaven Drive to the western city limit	-	-	-	100,000	-	-	100,000	1,213,000	1,313,000
TR-4	Street Construction	Bruce Avenue Sidewalks - sidewalk construction on one side of Bruce Avenue from Adair Avenue to Lake Street	-	208,000	-	-	-	195,000	403,000		403,000
TR-5	Street Construction	Canyon Crest Widening - Widen Canyon Crest Drive between Country Club Drive and Via Vista Drive	-	4,225,000	-	1,125,000	650,000	-	6,000,000	104,672	6,104,672
TR-6	Street Construction	Certificates of Participation (COP) Paving Projects - Street paving projects funded with Transportation COP	-	-	8,727,890	-	-	-	8,727,890	23,185,517	31,913,407
TR-7	Street Construction	COP Paving Projects (performed by Streets division) - Street paving capital projects funded with Transportation COP with work performed by Streets Maintenance division	-	-	1,272,110	-	-	-	1,272,110	2,544,220	3,816,330
TR-8	Street Construction	Chicago Avenue improvements at Interstate 215	-	1,000,000	-	-	-	-	1,000,000	-	1,000,000
TR-9	Street Construction	Indiana Avenue rehabilitation from Vallejo Street to Auto Center Drive	-	-	-	100,000	-	-	100,000	2,050,000	2,150,000
TR-10	Street Construction	Magnolia Widening - Buchanan to Banbury - widen Magnolia Avenue from 4 to 6 lanes from Buchanan Street to Banbury Drive.	-	2,205,000	-	301,000	1,205,000	2,620,000	6,331,000	-	6,331,000
TR-11	Street Construction	Market Street Bridge Replacement at Santa Ana River - City contribution	-	-	-	200,000	-	-	200,000	100,000	300,000
TR-12	Street Construction	Mission Boulevard Bridge Replacement at Santa Ana River - City contribution	-	-	-	200,000	-	-	200,000	100,000	300,000
TR-13	Street Construction	Wells Improvements-Hole to Tyler	-	2,750,000	-	-	-	-	2,750,000	-	2,750,000
TR-14	Street Maintenance	Curb and Gutter Repair - Replacement of curbs and gutters damaged by street trees.	-	1,000,000	-	-	-	-	1,000,000	-	1,000,000
TR-15	Street Maintenance	Major Streets Rehabilitation/Preservation - Removal, replacement, and overlay of deteriorated pavements on arterial roadways.	-	1,700,000	-	10,300,000	-	-	12,000,000	-	12,000,000
TR-16	Street Maintenance	Minor Streets Rehabilitation/Preservation - Removal, replacement, and overlay of deteriorated pavements on collector and local streets.	-	10,000,000	-	-	-	-	10,000,000	-	10,000,000
TR-17	Street Maintenance	Miscellaneous Street Construction - Construction of various small street projects and repair of damaged street facilities. In addition, funds may be used where the scope of work has expanded for projects previously budgeted.	-	2,500,000	-	-	-	-	2,500,000	-	2,500,000
TR-18	Street Maintenance	Sidewalk / Trail Construction at Various Locations - Construction of sidewalks and trails at various locations throughout the City. Projects will be constructed in order as ranked on the sidewalk priority list.	-	1,500,000	-	-	-	-	1,500,000	-	1,500,000
TR-19	Street Maintenance	Sidewalk Repair - Replacement of sidewalks damaged by street trees.	-	1,500,000	-	-	-	-	1,500,000	-	1,500,000
TR-20	Street Maintenance	Wheelchair Ramps - Construction of wheelchair ramps at various locations throughout the City. Projects will also be constructed using Community Development Block Grant funding (CDBG).	-	1,500,000	-	-	-	-	1,500,000	-	1,500,000
		Subtotal Street Projects	**-**	**30,253,000**	**10,000,000**	**14,326,000**	**1,855,000**	**3,750,000**	**60,184,000**	**29,397,409**	**89,581,409**

Project Number	Project Type	Project Description	General Fund (101)	Special Gas Tax Fund (230)	Capital Outlay (COP) Fund 430	Measure A Fund (432)	Impact Fees (433)	Restricted Non-City Funds	Total	Funded in Prior Fiscal Years	Total Project Cost
TR-21	New Signals	New Traffic Signal at the intersection of Rumsey Drive and Central Avenue	-	-	-	250,000	-	-	250,000	-	250,000
TR-22	New Signals	New Traffic Signal at the intersection of University Avenue and Fairmount Boulevard	-	-	-	250,000	-	-	250,000	-	250,000
TR-23	New Signals	Traffic Signal (Prioritized Locations) - Installation of new signals and reconstruction of existing signals to improve safety and/or increase capacity. The locations of the improvements will be constructed as prioritized by the Traffic Division.	-	-	-	1,000,000	-	-	1,000,000	-	1,000,000
TR-24	Signal Interconnections	Traffic Management Center	-	-	-	275,000	-	-	275,000	-	275,000
TR-25	Signal Interconnections	Magnolia Interconnect from Buchanan to 3rd - Coordinate traffic signals on Magnolia Avenue/Market Street from Buchanan Street to Third Street	-	-	-	488,500	-	1,387,500	1,876,000	-	1,876,000
TR-26	Signal Interconnections	Arterial Interconnect Project - New signal coordination projects.	-	-	-	200,000	-	-	200,000	-	200,000
TR-27	Signal Maintenance	Controller Assembly Replacement - Replace obsolete traffic signal controllers for safety, traffic flow and maintenance reasons.	-	-	-	160,000	-	-	160,000	-	160,000
TR-28	Signal Maintenance	LED Signal Lenses Replacement	-	-	-	160,000	-	-	160,000	-	160,000
TR-29	Signal Maintenance	Spread Spectrum Radio Replacement - Spread spectrum radio replacement parts for traffic signal coordination projects at various locations.	-	-	-	50,000	-	-	50,000	-	50,000
TR-30	Signal Maintenance	Traffic Signal Loop Replacement - Replacement of damaged traffic signal loops at various locations.	-	-	-	175,000	-	-	175,000	-	175,000
TR-31	Misc Traffic Improvements	Miscellaneous Traffic Projects - Striping and markings removals, roadside sign upgrades, etc.	-	375,000	-	-	-	-	375,000	-	375,000
TR-32	Traffic/Signal Modifications	Protect/Permit Left Turns - Modify selected traffic signals on University Avenue from Canyon Crest Drive to Mission Inn Avenue to allow protected/permitted left turns	-	-	-	125,000	-	-	125,000	-	125,000
TR-33	Traffic/Signal Modifications	Misc. Signal Revisions - Modify existing traffic signals in various locations.	-	-	-	550,000	-	-	550,000	-	550,000
TR-34	Traffic/Signal Modifications	3rd/Blaine Bike Lanes - widen roadway and re-stripe to narrow traffic lanes and widen bike lanes on Third Street/Blaine Street from Mulberry Street to Watkins Drive	-	-	-	40,000	-	343,400	383,400	-	383,400
		Subtotal Signal Projects	**-**	**375,000**	**-**	**3,723,500**	**-**	**1,730,900**	**5,829,400**	**-**	**5,829,400**
TR-35	Bicycle/Pedestrian	Bicycle Share Program - installation of bicycle stations MetroLink, UCR and Downtown	-	-	-	-	-	240,000	240,000	63,000	303,000
TR-36	Bicycle/Pedestrian	Santa Ana Bicycle Trail-reconstruction/re-alignment of trail between Martha McLean Anza Narrows Park and Rubidoux Avenue (Funded portion - matching funds for anticipated federal grant would need to come from Air Quality or General Fund).	-	-	-	-	-	141,450	141,450	-	141,450
TR-37	Bicycle/Pedestrian	Santa Ana Walking Trail-construct 4.3 miles of walking path adjacent to bike trail from Martha McLean Anza Narrows Park to Fairmount Park (Funded portion - matching funds for anticipated federal grant would need to come from Air Quality or General Fund).	-	-	-	-	-	2,376,000	2,376,000	-	2,376,000
TR-38	Bicycle/Pedestrian	SR 91 Pedestrian Bridge-design for a pedestrian/bicycle bridge over State Route 91 from Riverside MetroLink station to Downtown areas (Funded portion - matching funds for anticipated federal grant would need to come from Air Quality or General Fund).	-	-	-	-	-	637,500	637,500	-	637,500
		Subtotal Bicycle/Pedestrian Projects	**-**	**-**		**-**	**-**	**3,394,950**	**3,394,950**	**63,000**	**3,457,950**
		Total Funded Projects	**-**	**30,628,000**	**10,000,000**	**18,049,500**	**1,855,000**	**8,875,850**	**69,408,350**	**29,460,409**	**98,868,759**

2014/15 to 2018/19

Capital Improvement Program - Transportation

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	City Transport. Funds	Restricted Non-City Funds	Funding Source Not Identified	Total	Funded in Prior Fiscal Years	Total Project Cost
TR-UF-1	Street Construction	Arlington Avenue Widening, Adams to Van Buren	-	-	-	1,500,000	1,500,000	-	1,500,000
TR-UF-2	Street Construction	Arlington Avenue Widening, Victoria to Alessandro	-	-	-	16,600,000	16,600,000	-	16,600,000
TR-UF-3	Street Construction	Chicago Medians - Le Conte to Martin Luther King	-	-	-	1,800,000	1,800,000	-	1,800,000
TR-UF-4	Street Construction	14th Street Widening, SR 91 to Martin Luther King	-	-	-	24,000,000	24,000,000	-	24,000,000
TR-UF-5	Street Construction	Iowa Avenue Widening - Martin Luther King to University	-	-	-	1,000,000	1,000,000	-	1,000,000
TR-UF-6	Street Construction	Van Buren Widening, Indiana to South City Limit	-	-	-	26,640,352	26,640,352	109,648	26,750,000
		SubTotal Street Projects				**71,540,352**	**71,540,352**	**109,648**	**71,650,000**
TR-UF-7	Bicycle/Pedestrian	Santa Ana Bicycle Trail-McLean Pk to Rubidoux Ave (Unfunded	-	-	-	82,150	82,150	-	82,150
TR-UF-8	Bicycle/Pedestrian	Santa Ana Walking Trail-McLean Pk to Fairmount Pk (Unfunded	-	-	-	874,000	874,000	-	874,000
TR-UF-9	Bicycle/Pedestrian	SR 91 Pedestrian Bridge-MetroLink to Downtown (Unfunded Component)	-	-	-	112,500	112,500	-	112,500
		SubTotal Bicycle/Pedestrian Projects	**-**	**-**	**-**	**1,068,650**	**1,068,650**	**-**	**1,068,650**
		Total Unfunded Projects	**-**	**-**	**-**	**72,609,002**	**72,609,002**	**109,648**	**72,718,650**

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
1,095,500	1,704,500	800,000	727,300	749,100	5,076,400

Introduction

Rail projects are being presented in an individual capital improvement program because of the high priority placed on these projects by the City Council and the complexity of funding for the projects. The five-year CIP for rail projects totals $5.1 million. The proposed 2014/15 CIP is $1.1 million. The proposed program is underfunded by $114.0 million.

The City continues to work to obtain state and federal funds for railroad grade separation and quiet zone projects. The CIP includes the design and construction of two quiet zone projects and two crossing improvement projects. Three grade separation projects and two quiet zone projects are unfunded.

Rail projects are a City Council priority. The projects promote public safety, quality of life, and economic vitality. Twenty at-grade railroad crossings must be mitigated within the City. The estimated cost of grade separating the 20 intersections is in excess of $800 million. The CIP includes the second phase of the department's grade separation program. A quiet zone for the BNSF/Union Pacific railroad corridor at Panorama and Cridge Streets is also included in the CIP, along with a Union Pacific quiet zone project at Brockton and Palm Avenues.

Key Revenues and Funding Sources

Local revenue for the projects is provided by a 10% allocation of the City's Local Measure A. Major non-City funding sources for the CIP include California Public Utilities Commission Section 190 Grade Separation (PUC) funds, Federal grants, and private funds from railroads.

The complexity of funding sources and high cost per grade separation pose several challenges for the City. Funding from non-City sources may not be available in a timely manner to keep projects moving forward. To move projects forward, the City will need to be prepared to advance millions of dollars to projects in anticipation of reimbursement revenues that may not be available until years after expenditures are made. If any non-City funding sources fail to materialize in the amounts anticipated in the CIP and alternative funding is not obtained, the City may be faced with allocating significant City resources or delaying projects.

The City of Riverside is working with the Riverside County Transportation Commission and other stakeholders to help influence the debate in Sacramento and Washington, DC, and to promote the importance of local highway and railroad transportation projects.

Future CIP Considerations

The City, as well as the region and State need to find additional and reliable funding sources to meet the needs to construct grade separations and quiet zones. City staff continues to evaluate available funding options and are working to find funding sources for the remaining unfunded project costs.

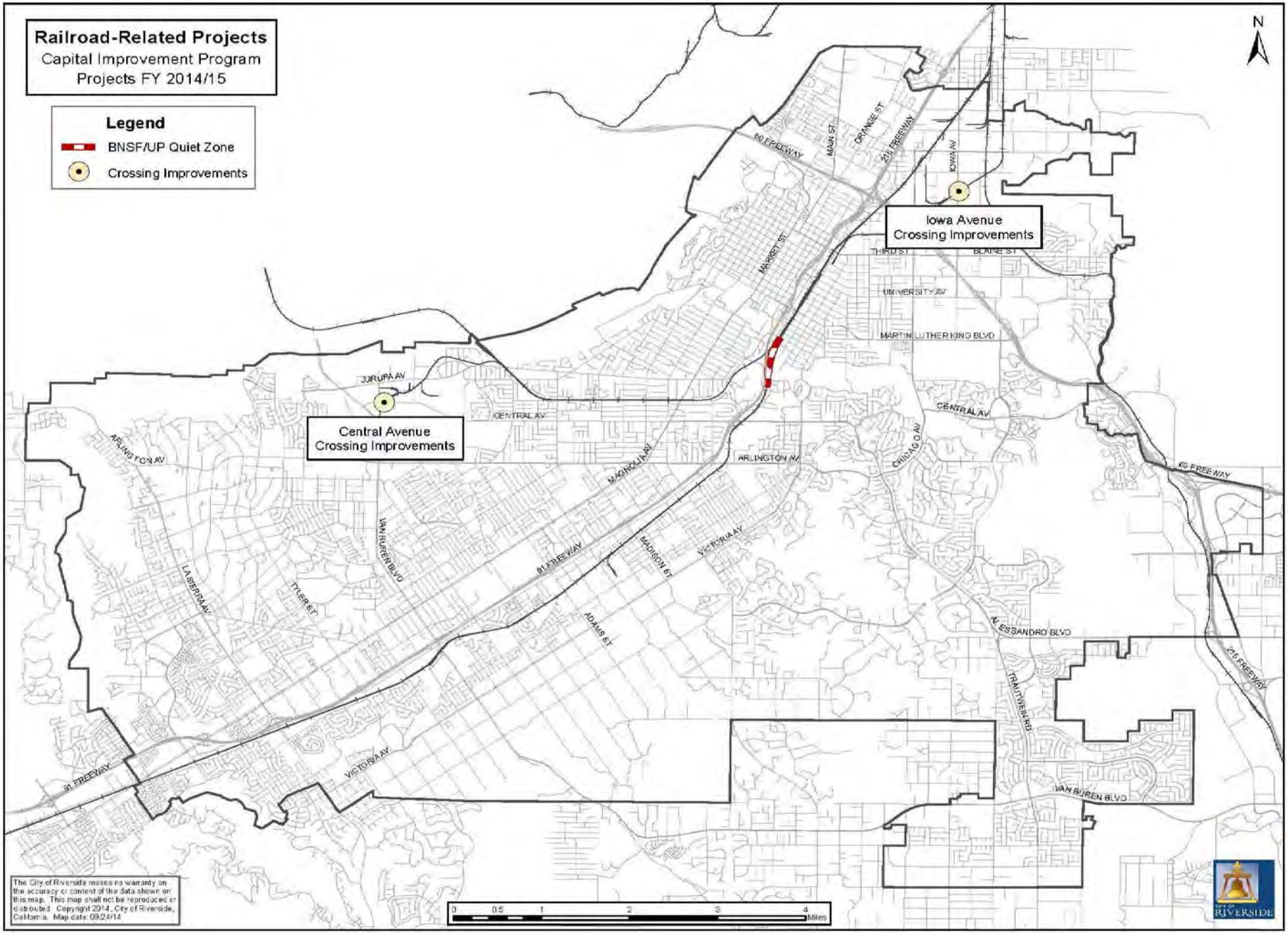
Table RR-1

2014/15 to 2018/19

Capital Improvement Program - Railroad-Related Projects

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	City Transport. Funds	Restricted Non-City Funds	Total
RR-1	Rail Projects	BNSF/UP Quiet Zone - Panorama & Cridge	-	495,500	-	495,500
RR-2	Rail Projects	Central Ave Crossing Improvements	-	250,000	-	250,000
RR-3	Rail Projects	Iowa Ave Crossing Improvements	-	350,000	-	350,000
		Total	**-**	**1,095,500**	**-**	**1,095,500**


Railroad-Related Projects
Capital Improvement Program
Projects FY 2014/15
Legend
BNSF/UP Quiet Zone
Crossing Improvements
N
Iowa Avenue
Crossing Improvements
Central Avenue
Crossing Improvements
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
MARKET ST
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
CENTRAL AV
ARLINGTON AV
MAGNOLIA AV
CHICAGO AV
91 FREEWAY
VICTORIA AV
MADISON ST
ADAMS ST
TYLER ST
LA SIERRA AV
VAN BUREN BLVD
N. ESSANDRO BLVD
TRAUTWEIN RD
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CITY OF RIVERSIDE

2014/15 to 2018/19

Capital Improvement Program - Railroad-Related Projects

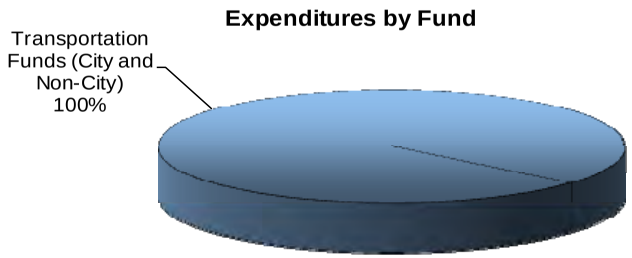
Capital Improvement Program Summary

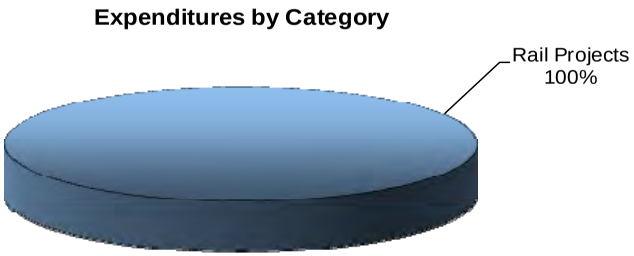
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-	-
Transportation Funds (City and Non-City)	593,057	1,095,500	1,704,500	800,000	727,300	749,100	5,076,400	-
Funding Source Not Identified	120,000	-	-	-	-	-	-	114,023,600
Total	**713,057**	**1,095,500**	**1,704,500**	**800,000**	**727,300**	**749,100**	**5,076,400**	**114,023,600**

Projected Expenditures by Category

Project Category	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Rail Projects	713,057	1,095,500	1,704,500	800,000	727,300	749,100	5,076,400	114,023,600
Total	**713,057**	**1,095,500**	**1,704,500**	**800,000**	**727,300**	**749,100**	**5,076,400**	**114,023,600**





NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% of total are not labeled

2014/15 to 2018/19

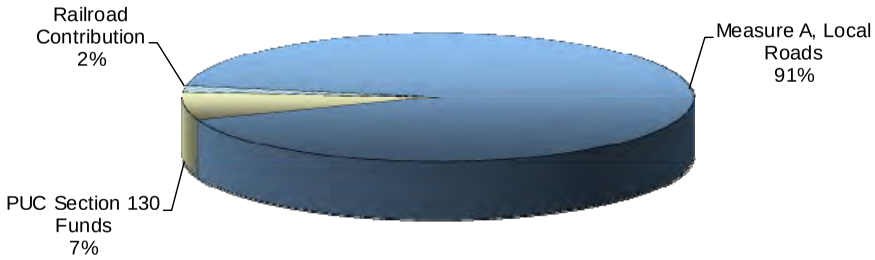
Capital Improvement Program - Railroad-Related Projects

Projected Capital Funding Revenue Sources by Fund

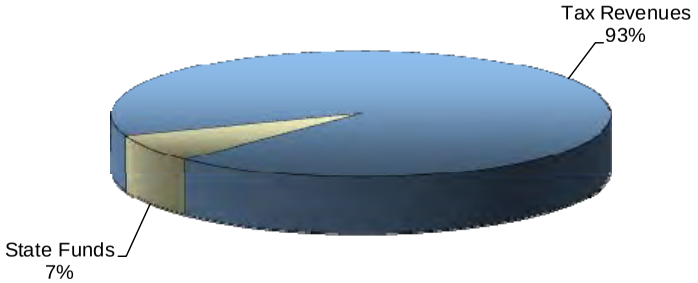
Transportation Funds (430, 432, & 434)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
Tax Revenues	Measure A, Local Roads	665,500	1,704,500	800,000	727,300	749,100	4,646,400
State Funds	Proposition 1B Funds TCIF	-	-	-	-	-	-
State Funds	PUC Section 130 Funds	350,000	-	-	-	-	350,000
Federal Funds	RCTC Set Aside CMAQ	-	-	-	-	-	-
Regional Funds	RCTC PUC 190 Match	-	-	-	-	-	-
Private Funds	Railroad Contribution	80,000	-	-	-	-	80,000
	Total Funds Available for Capital Improvements from Revenue	**1,095,500**	**1,704,500**	**800,000**	**727,300**	**749,100**	**5,076,400**

Revenue by Source



Revenue by Type



NOTE: Categories comprising less than 1% of total are not labeled

NOTE: The three Grade Separation Funds are combined together above to better illustrate the revenue sources that fund transportation projects. In actuality, revenues are related to the Funds as follows:

430 Fund - Restricted Non-City Funds (Except for TUMF Funds)
432 Fund - Measure A Funds
434 Fund - TUMF Funds

City of Riverside

Table RR-4

2014/15 to 2018/19

Capital Improvement Program - Railroad-Related Projects

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Transportation Funds (430, 432, & 434)	1,095,500	1,704,500	800,000	727,300	749,100
Fund Balance from Prior Year - Transportation Funds (430, 432, & 434)	-	-	-	-	-
Total Funds Available for Capital Improvements	**1,095,500**	**1,704,500**	**800,000**	**727,300**	**749,100**
Less: Adjustments for Non-Capital Expenditures					
Debt Service - Rail Projects	-	-	-	-	-
Adjusted Total Funds Available for Capital Improvements	**1,095,500**	**1,704,500**	**800,000**	**727,300**	**749,100**

Project Number	Project Type	Project Description	Prior Fiscal Years	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
RR-UF-1	Rail Projects	BNSF Quiet Zone - Mission Inn, 3rd, Spruce	(20,000)	-	-	-	-	-	-	(4,100,000)
RR-1	Rail Projects	BNSF/UP Quiet Zone - Panorama & Cridge	(393,057)	(495,500)	(1,704,500)	(800,000)	-	-	(3,000,000)	-
RR-2	Rail Projects	Central Ave Crossing Improvements	-	(250,000)	-	-	-	-	(250,000)	-
RR-3	Rail Projects	Iowa Ave Crossing Improvements	-	(350,000)	-	-	-	-	(350,000)	-
RR-UF-2	Rail Projects	Phase 2 Grade Separation Program	(100,000)	-	-	-	-	-	-	(109,900,000)
RR-4 / RR-UF-3	Rail Projects	Union Pacific Quiet Zone - Brockton & Palm	(200,000)	-	-	-	(727,300)	(749,100)	(1,476,400)	(23,600)
		Total	**(713,057)**	**(1,095,500)**	**(1,704,500)**	**(800,000)**	**(727,300)**	**(749,100)**	**(5,076,400)**	**(114,023,600)**
		Unbudgeted Balance		**-**	**-**	**-**	**-**	**-**		

2014/15 to 2018/19

Capital Improvement Program - Railroad-Related Projects

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Measure A Fund (432)	Restricted Non-City Funds	Total	Funded in Prior Fiscal Years	Total Project Cost
RR-1	Rail Projects	BNSF/UP Quiet Zone - Panorama & Cridge	-	3,000,000	-	3,000,000	393,057	3,393,057
RR-2	Rail Projects	Central Ave Crossing Improvements	-	170,000	80,000	250,000	-	250,000
RR-3	Rail Projects	Iowa Ave Crossing Improvements	-	-	350,000	350,000	-	350,000
RR-4	Rail Projects	Union Pacific Quiet Zone - Brockton & Palm (Funded Component)	-	1,476,400	-	1,476,400	200,000	1,676,400
		Total Funded Projects	**-**	**4,646,400**	**430,000**	**5,076,400**	**593,057**	**5,669,457**

2014/15 to 2018/19

Capital Improvement Program - Railroad-Related Projects

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	City Transport. Funds	Restricted Non-City Funds	Funding Source Not Identified	Total	Funded in Prior Fiscal Years	Total Project Cost
RR-UF-1	Rail Projects	BNSF Quiet Zone - Mission Inn Avenue, 3rd Street and Spruce Street	-	-	-	4,100,000	4,100,000	20,000	4,120,000
RR-UF-2	Rail Projects	Phase 2 Grade Separation Program	-	-	-	109,900,000	109,900,000	100,000	110,000,000
RR-UF-3	Rail Projects	Union Pacific Quiet Zone - Brockton & Palm (Unfunded Component)	-	-	-	23,600	23,600	-	23,600
		Total Unfunded Projects	**-**	**-**	**-**	**114,023,600**	**114,023,600**	**120,000**	**114,143,600**

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
6,476,500	27,913,750	32,297,250	32,930,000	35,749,000	135,366,500

Introduction

The City of Riverside (City) Public Works Department is responsible for the collection and treatment of wastewater within the City. The City's facilities consist of over 800 miles of gravity sewers, 20 wastewater lift stations, and the 40 million gallon per day (mgd) Regional Water Quality Control Plant (RWQCP). The City also provides wastewater treatment for the Rubidoux, Edgemont, and Jurupa Community Services Districts (CSD's) and for the unincorporated Community of Highgrove.

The Capital Improvement Program for the Sewer Fund is comprised of three primary areas related to the collection and treatment of sewage. The three areas are:

- Treatment Plant Capacity / Replacements / Structures
- Compliance with Regulations
- Sewer Collection System Projects

Public Works initiated a new CIP Update and Rate Development Study (2014 Study). The 2014 Study confirms that current revenues with only the scheduled July 1, 2014 CPI based rate increase will continue to be insufficient to support current operational costs, coverage ratio requirements under the bond covenants and future bond issues necessary to fund the balance of required CIP projects.

The 2014 Study developed a new reduced 5-year CIP consistent with current anticipated capital needs of the RWQCP and the collection system and developed a rate structure that addresses the next 5-year period. The total cost over the 5-year planning period presented in the 2014 Study is estimated at $135.4 million, excluding funds previously committed to complete the current plant rehabilitation construction. This is a reduction of $102.2 million from what was previously projected in the 2008 Integrated Master Plan.

Treatment Plant Capacity/Replacements/Structures
Projects within the Plant Capacity / Replacements / Structures category are designed to increase plant capacity or replace infrastructure that has become old and expensive to maintain.

The five-year Capital Improvement Program includes $30.9 million to complete upgrades to the treatment facility to increase plant capacity, improve treatment efficiency, and reduce system maintenance.

Compliance with Regulations
The five-year Capital Improvement Program includes $20.6 million for projects to comply with regulations. Projects within the Compliance with Regulations category keep the plant up to date with evolving Federal and State regulatory requirements.

Sewer Collection System Projects
The five-year Capital Improvement Program includes $83.9 million to complete upgrades to the sewer collection system to increase capacity, replace deteriorated pipelines and manholes, and provide upgrades to sewer lift/pump stations. The design and construction of these improvements are based on the 2014 Study, staff field experience, and pipeline video inspections.

Key Revenues and Funding Sources

The Sewer Fund Capital Improvement Program is funded by residential, commercial, and industrial sewer service charges. Fees collected from new developments and bond proceeds also provide funding for the sewer CIP.

Bond proceeds are shown in the 2014 Study that will augment user fees allocated to capital projects. Use of these funds presumes the sale of revenue bonds. These revenue sources are included in the CIP budget to provide an accurate comparison of available funding to the projected capital project needs.

Future CIP Considerations

A total of three new bond issuances will be required in the five-year study period. The first issuance will be the Phase II Bonds issuance scheduled to take place in May 2014. The Phase II Bonds will provide proceeds of $140 million. The 2014 Study assumes that the Phase III Bonds will be

Program Summary

split into two issuances, which will be issued in May 2016 and May 2018. Each issuance will provide $68 million in proceeds. Proceeds from the Phase III Bonds will be used to fund the CIP through the end of the five-year study period. The assumed issuance amounts reflect the best available CIP expenditure and timing data available at this time. The timing and/or sizing of the bonds may be modified as needed as CIP projects progress.

In total, the CIP includes $135.4 million in treatment plant and collections systems projects between FY 2014/15 and 2018/19. Additional bond issuances will be required to fund the CIP beyond the five-year projection period.

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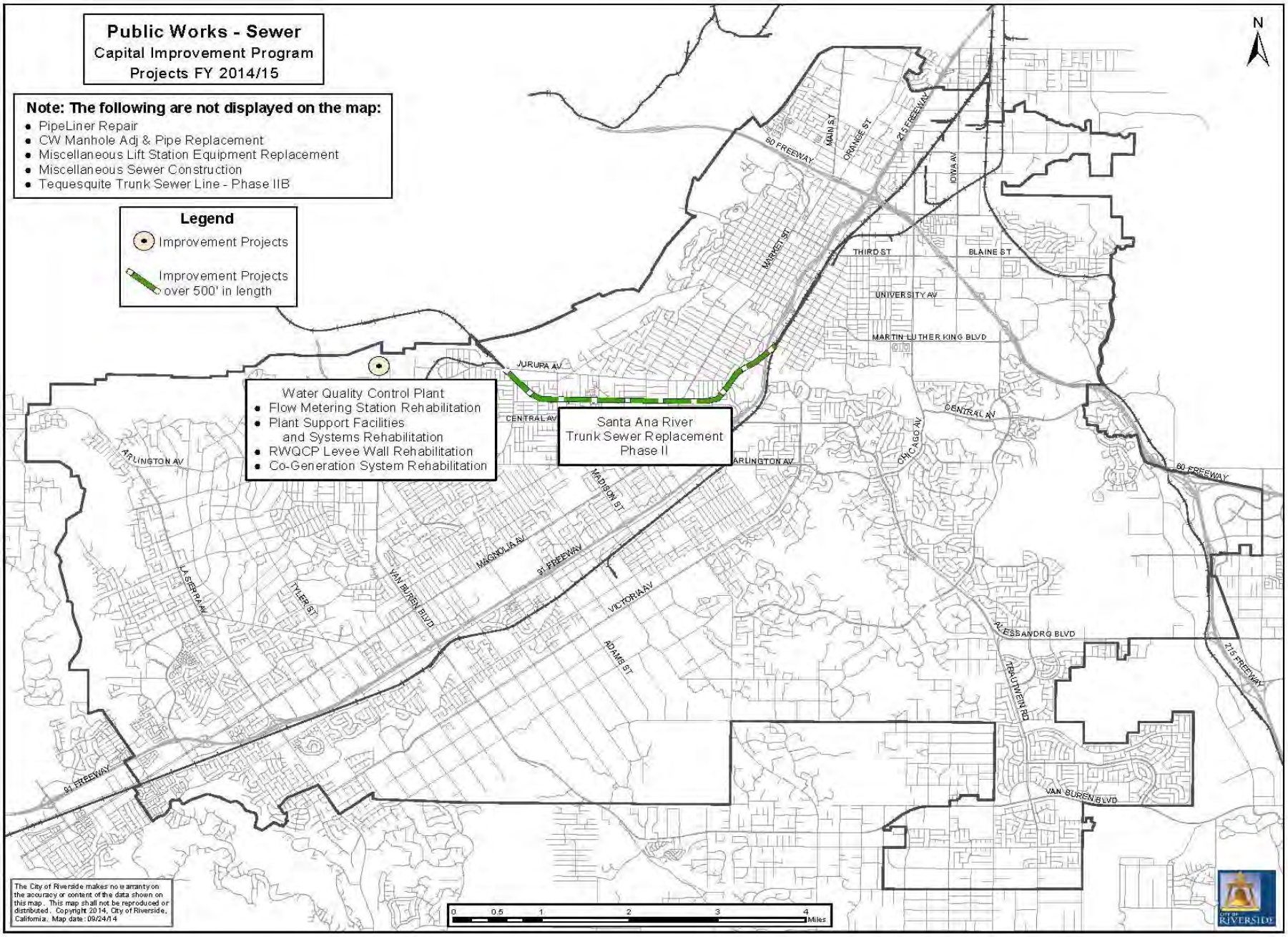
2014/15 to 2018/19

Capital Improvement Program - Sewer

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Sewer Fund (550)	Total
SW-5	Plant Capacity/Repl.	Flow Metering Station Rehabilitation	-	31,500	31,500
SW-10	Plant Capacity/Repl.	Plant Support Facilities and Systems Rehabilitation	-	157,500	157,500
SW-19	Sewer Projects	Santa Ana River Trunk Sewer Replacement - Phase II	-	5,000,000	5,000,000
SW-20	Sewer Projects	Tequesquite Trunk Sewer Line - Phase IIB	-	500,000	500,000
SW-22	Compliance with Regs.	RWQCP Levee Wall Rehabilitation	-	262,500	262,500
SW-23	Compliance with Regs.	Co-Generation System Rehabilitation	-	525,000	525,000
		Total	**-**	**6,476,500**	**6,476,500**


Public Works - Sewer
Capital Improvement Program
Projects FY 2014/15
Note: The following are not displayed on the map:
PipeLiner Repair
CW Manhole Adj & Pipe Replacement
Miscellaneous Lift Station Equipment Replacement
Miscellaneous Sewer Construction
Tequesquite Trunk Sewer Line - Phase IIB
Legend
Improvement Projects
Improvement Projects over 500' in length
Water Quality Control Plant
Flow Metering Station Rehabilitation
Plant Support Facilities and Systems Rehabilitation
RWQCP Levee Wall Rehabilitation
Co-Generation System Rehabilitation
Santa Ana River Trunk Sewer Replacement Phase II
N
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
MARKET ST
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
MADISON ST
MAGNOLIA AV
91 FREEWAY
VICTORIA AV
ADAMS ST
VAN BUREN BLVD
TYLER ST
LA SIERRA AV
AV ESSANDRO BLVD
TRAUTWEIN RD
0 0.5 1 2 3 4 Miles
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CITY OF RIVERSIDE

City of Riverside

Table SW-2

2014/15 to 2018/19

Capital Improvement Program - Sewer

Capital Improvement Program Summary

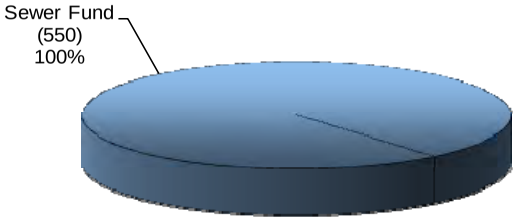
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Sewer Fund (550)	6,476,500	27,913,750	32,297,250	32,930,000	35,749,000	135,366,500	-
Total	**6,476,500**	**27,913,750**	**32,297,250**	**32,930,000**	**35,749,000**	**135,366,500**	**-**

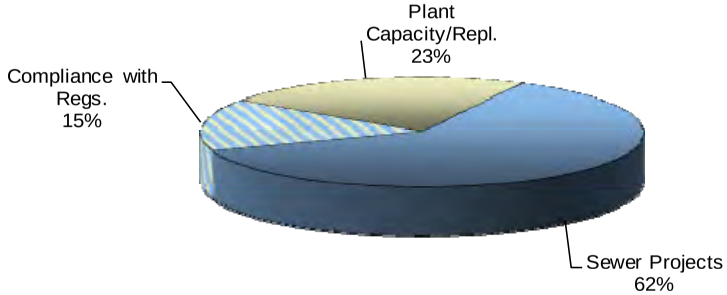
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Compliance with Regs.	787,500	220,500	9,145,000	4,862,000	5,616,000	20,631,000	-
Plant Capacity/Repl.	189,000	3,693,250	6,368,000	6,771,000	13,848,000	30,869,250	-
Sewer Projects	5,500,000	24,000,000	16,784,250	21,297,000	16,285,000	83,866,250	-
Total	**6,476,500**	**27,913,750**	**32,297,250**	**32,930,000**	**35,749,000**	**135,366,500**	**-**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not include unfunded projects.
NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

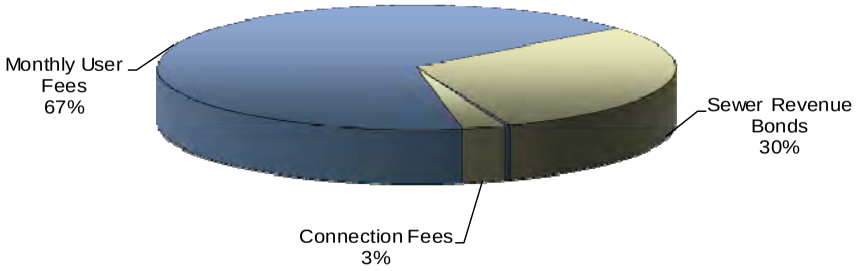
Capital Improvement Program - Sewer

Projected Capital Funding Revenue Sources by Fund

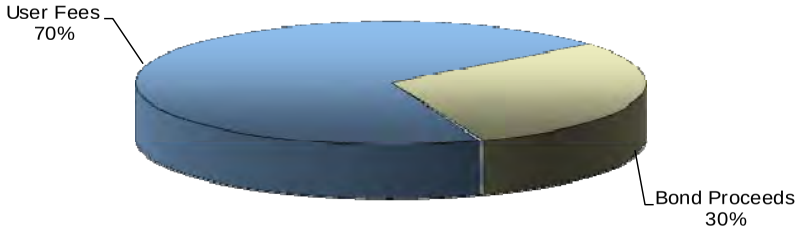
Sewer Fund (550)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Connection Fees	2,290,000	2,381,815	2,477,312	2,576,637	2,679,945	12,405,709
User Fees	Monthly User Fees	50,723,879	55,316,714	60,227,815	65,593,642	71,457,433	303,319,483
Bond Proceeds	Sewer Revenue Bonds	-	68,000,000	-	68,000,000	-	136,000,000
Interest	Interest Income	250,000	244,725	248,616	265,075	259,296	1,267,712
	Total Funds Available for Capital Improvements from Revenue	**53,263,879**	**125,943,254**	**62,953,743**	**136,435,354**	**74,396,674**	**452,992,904**
	Less: Enterprise Fund Operating Expenditures	(34,071,850)	(36,238,820)	(37,739,107)	(40,445,001)	(40,942,474)	(189,437,252)
	Adjusted Total Funds Available for Capital Improvements from Revenue	**19,192,029**	**89,704,434**	**25,214,636**	**95,990,353**	**33,454,200**	**263,555,652**

Revenue by Source



Revenue by Type



NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Sewer

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Sewer Fund (550)	19,192,029	89,704,434	25,214,636	95,990,353	33,454,200
Fund Balance from Prior Year - Sewer Fund (550)	37,544,320	40,600,430	47,166,741	56,508,768	61,845,606
2014 Bond Construction Proceeds from Prior Year	87,045,639	21,518,201	-	-	-
2016 Bond Construction Proceeds from Prior Year	-	-	39,875,264	7,578,014	-
2018 Bond Construction Proceeds from Prior Year	-	-	-	-	42,648,014
Less: Bond Draws for Completion of Existing Projects	(59,050,938)	(21,729,187)	-	-	-
Total Funds Available for Capital Improvements	**84,731,050**	**130,093,878**	**112,256,641**	**160,077,135**	**137,947,820**
Less: Adjustments for Non-Capital Expenditures					
Debt Service - State Loans	(817,000)	(817,000)	(817,000)	(817,000)	(817,000)
Debt Service - 2009 Sewer Revenue Bonds	(17,831,325)	(17,831,325)	(17,831,325)	(17,831,325)	(17,831,325)
Debt Service - 2014 Sewer Revenue Bonds	-	-	-	(9,469,038)	(11,400,450)
Adjusted Total Funds Available for Capital Improvements	**66,082,725**	**111,445,553**	**93,608,316**	**131,959,772**	**107,899,045**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
SW-1	Plant Capacity/Repl.	Tertiary System Rehabilitation	-	-	(232,000)	(486,000)	(1,021,000)	(1,739,000)	-
SW-2	Plant Capacity/Repl.	Bio-Solids Handling Rehabilitation	-	(1,378,000)	(1,737,000)	(1,823,000)	-	(4,938,000)	-
SW-3	Plant Capacity/Repl.	Transformers T-1 and T-2 / Switch Gear A and B Rehabilitation	-	(2,205,000)	-	-	-	(2,205,000)	-
SW-4	Plant Capacity/Repl.	Concrete Installation and Rehabilitation	-	(110,250)	-	-	-	(110,250)	-
SW-5	Plant Capacity/Repl.	Flow Metering Station Rehabilitation	(31,500)	-	(3,473,000)	(2,431,000)	(1,276,000)	(7,211,500)	-
SW-6	Plant Capacity/Repl.	Plant 2 Activated Sludge Rehabilitation	-	-	(579,000)	(754,000)	(1,085,000)	(2,418,000)	-
SW-7	Plant Capacity/Repl.	Potable/Recycled Water System Pipeline Rehabilitation	-	-	(347,000)	-	(1,915,000)	(2,262,000)	-
SW-8	Plant Capacity/Repl.	RWQCP Security System Rehabilitation	-	-	-	(304,000)	(1,276,000)	(1,580,000)	-
SW-9	Plant Capacity/Repl.	RWQCP Rehabilitation - Phase II	-	-	-	(973,000)	(5,105,000)	(6,078,000)	-
SW-10	Plant Capacity/Repl.	Plant Support Facilities and Systems Rehabilitation	(157,500)	-	-	-	(1,787,000)	(1,944,500)	-
SW-11	Plant Capacity/Repl.	Plant Landscaping	-	-	-	-	(383,000)	(383,000)	-
SW-12	Sewer Projects	Miscellaneous Sewer Construction	-	-	-	(973,000)	-	(973,000)	-
SW-13	Sewer Projects	Arlanza Priority C Sewer Construction	-	-	-	-	(6,324,000)	(6,324,000)	-
SW-14	Sewer Projects	Phoenix Priority A, B and C Sewer Construction	-	-	-	(4,188,000)	(1,914,000)	(6,102,000)	-
SW-15	Sewer Projects	Tequesquite Priority A, B and C Sewer Construction	-	-	-	(8,843,000)	(5,622,000)	(14,465,000)	-
SW-16	Sewer Projects	Spruce Priority B Sewer Construction	-	-	-	(2,431,000)	-	(2,431,000)	-
SW-17	Sewer Projects	Northside Priority C Sewer Construction	-	-	-	-	(2,425,000)	(2,425,000)	-
SW-18	Sewer Projects	Wastewater Lift Station Projects	-	-	(3,705,000)	(4,862,000)	-	(8,567,000)	-
SW-19	Sewer Projects	Santa Ana River Trunk Sewer Replacement - Phase II	(5,000,000)	(15,000,000)	-	-	-	(20,000,000)	-
SW-20	Sewer Projects	Tequesquite Trunk Sewer Line - Phase IIB	(500,000)	(9,000,000)	(9,000,000)	-	-	(18,500,000)	-
SW-21	Sewer Projects	Sewer Main Replacement 9th St., 12th St., Kansas and Sedgwick	-	-	(4,079,250)	-	-	(4,079,250)	-
SW-22	Compliance with Regs.	RWQCP Levee Wall Rehabilitation	(262,500)	(220,500)	(3,473,000)	-	-	(3,956,000)	-
SW-23	Compliance with Regs.	Co-Generation System Rehabilitation	(525,000)	-	(5,672,000)	(4,862,000)	(5,616,000)	(16,675,000)	-
		Total	**(6,476,500)**	**(27,913,750)**	**(32,297,250)**	**(32,930,000)**	**(35,749,000)**	**(135,366,500)**	**-**
		Unbudgeted Balance	**59,606,225**	**83,531,803**	**61,311,066**	**99,029,772**	**72,150,045**		

City of Riverside

Table SW-5

2014/15 to 2018/19

Capital Improvement Program - Sewer

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Sewer Fund (550)	Total
SW-1	Plant Capacity/Repl.	Tertiary System Rehabilitation	-	1,739,000	1,739,000
SW-2	Plant Capacity/Repl.	Bio-Solids Handling Rehabilitation	-	4,938,000	4,938,000
SW-3	Plant Capacity/Repl.	Transformers T-1 and T-2 / Switch Gear A and B Rehabilitation	-	2,205,000	2,205,000
SW-4	Plant Capacity/Repl.	Concrete Installation and Rehabilitation	-	110,250	110,250
SW-5	Plant Capacity/Repl.	Flow Metering Station Rehabilitation	-	7,211,500	7,211,500
SW-6	Plant Capacity/Repl.	Plant 2 Activated Sludge Rehabilitation	-	2,418,000	2,418,000
SW-7	Plant Capacity/Repl.	Potable/Recycled Water System Pipeline Rehabilitation	-	2,262,000	2,262,000
SW-8	Plant Capacity/Repl.	RWQCP Security System Rehabilitation	-	1,580,000	1,580,000
SW-9	Plant Capacity/Repl.	RWQCP Rehabilitation - Phase II	-	6,078,000	6,078,000
SW-10	Plant Capacity/Repl.	Plant Support Facilities and Systems Rehabilitation	-	1,944,500	1,944,500
SW-11	Plant Capacity/Repl.	Plant Landscaping	-	383,000	383,000
SW-12	Sewer Projects	Miscellaneous Sewer Construction	-	973,000	973,000
SW-13	Sewer Projects	Arlanza Priority C Sewer Construction	-	6,324,000	6,324,000
SW-14	Sewer Projects	Phoenix Priority A, B and C Sewer Construction	-	6,102,000	6,102,000
SW-15	Sewer Projects	Tequesquite Priority A, B and C Sewer Construction	-	14,465,000	14,465,000
SW-16	Sewer Projects	Spruce Priority B Sewer Construction	-	2,431,000	2,431,000
SW-17	Sewer Projects	Northside Priority C Sewer Construction	-	2,425,000	2,425,000
SW-18	Sewer Projects	Wastewater Lift Station Projects	-	8,567,000	8,567,000
SW-19	Sewer Projects	Santa Ana River Trunk Sewer Replacement - Phase II	-	20,000,000	20,000,000
SW-20	Sewer Projects	Tequesquite Trunk Sewer Line - Phase IIB	-	18,500,000	18,500,000
SW-21	Sewer Projects	Sewer Main Replacement 9th St., 12th St., Kansas and Sedgwick	-	4,079,250	4,079,250
SW-22	Compliance with Regs.	RWQCP Levee Wall Rehabilitation	-	3,956,000	3,956,000
SW-23	Compliance with Regs.	Co-Generation System Rehabilitation	-	16,675,000	16,675,000
		Total Funded Projects	**-**	**135,366,500**	**135,366,500**

City of Riverside

Table SW-6

2014/15 to 2018/19

Capital Improvement Program - Sewer

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Sewer Fund (550)	Total
		There are no unfunded capital projects currently identified.			
		Total Unfunded Projects	**-**	**-**	**-**

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
100,000	100,000	100,000	100,000	100,000	500,000

Introduction

The five-year Capital Improvement Program for the Storm Drain Fund totals $500,000. The FY 2014/15 CIP totals $100,000.

Storm drain improvement projects being proposed in the five-year Capital Improvement Program include Miscellaneous Storm Drain Construction at $500,000 spread over the five year period.

Storm drain improvement projects are prioritized in a manner that ensures installation of drainage improvements in concert with street improvement projects, in coordination with Riverside County Flood Control District projects, and in support of economic development projects.

Key Revenues and Funding Sources

Storm drain capital improvements are funded out of the Storm Drain Fund, established by Section 16.08.050 of the Riverside Municipal Code. The revenues are derived from storm drain fees collected with the issuance of building permits.

Future CIP Considerations

The Storm Drain Program includes projects that eliminate flooding during major storm events. The City's storm drain needs outweigh the available funding sources at this point. However, the City is currently working with the Flood Control District on the following District funded projects:

Southwest Riverside Master Drainage Plan (MDP) Line G Stage 2, Line G-1, and Line F-1: The proposed Line G Stage 2 extends from Lincoln Avenue southerly to Victoria Avenue in Meyers Street. It includes Lateral G-1 which runs east along Victoria Avenue to Van Buren Boulevard, and Lateral F-1 which runs west along Victoria Avenue to Harrison Street. In March 2012, the Riverside County Flood Control District (District) and the City of Riverside executed a cooperative agreement in which the District agreed to fund the design and construction of the project, and the City to perform design and administer the construction of the project. Upon completion, the District will operate and maintain the facilities. The design is 90% complete and the project is expected to be advertised for construction in summer of 2014. The estimated project cost is approximately $2.9 million.

Monroe MDP Line E Stages 2 and 3, Line E-2, and Line E-5: The proposed Line E Stage 2 system, which includes the Line E-5 lateral, begins downstream at the intersection of Gratton Street and Lincoln Avenue and continues south along Gratton Street for approximately 4,255 lineal feet. Line E-5 begins at the corner of Gratton Street and Dufferin Avenue and extends eastward along Dufferin Avenue for approximately 1,380 lineal feet. The proposed Line E Stage 3 system includes the Line E-2 lateral. Line E Stage 3 begins at the intersection of Gratton Street and Dufferin Avenue at the downstream terminus and continues south along Gratton Street for approximately 3,335 lineal feet onto Hermosa Road. Line E-2 extends the project from the intersection of Gratton Street and Hermosa Road eastward approximately 2,230 additional lineal feet. The District and the City of Riverside are in the process of executing a cooperative agreement in which the District will fund the design and construction of the project, and the City to perform design and administer the construction of the project. Upon completion, the District will operate and maintain the facilities. The estimated project cost is approximately $7.0 million.

University MDP University Wash: This District project will extend the existing University Wash upstream of Spruce Street to the intersection of Massachusetts Avenue and Durahart Street. The District hired an environmental consultant to investigate the feasibility of having a storm drain within a vacant lot that was believed to be environmentally impaired. After the investigation, the alignment and project limits have been determined in consultation with the City and included in the Preliminary Design Report. Design of the project is expected to be completed by summer of 2014 with construction beginning in fall of 2014.

City of Riverside

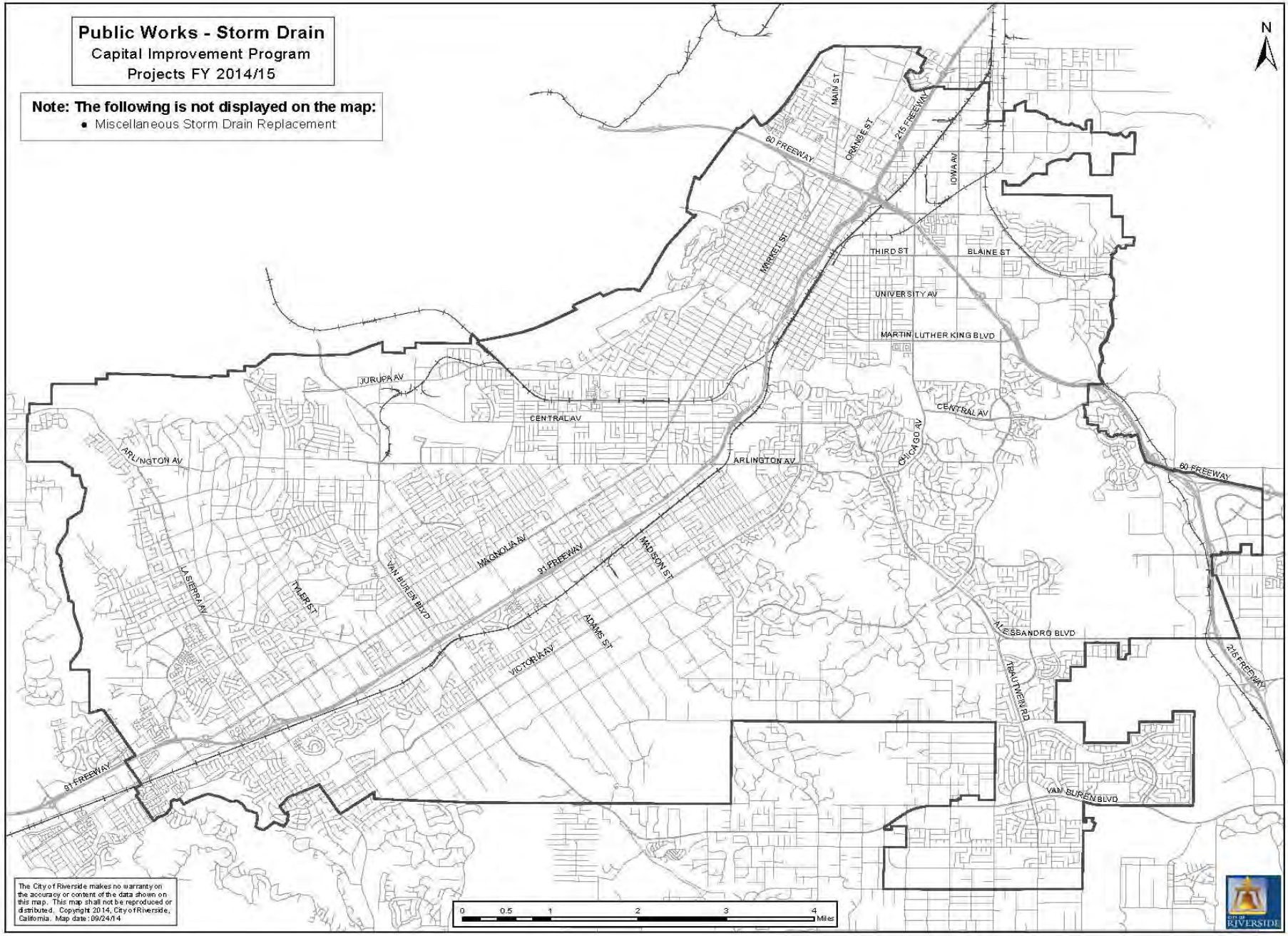
Table SD-1

2014/15 to 2018/19

Capital Improvement Program - Storm Drain

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Storm Drain Fund (410)	Total
SD-1	Recurring Projects	Miscellaneous Storm Drain Construction	-	100,000	100,000
		Total	**-**	**100,000**	**100,000**


Public Works - Storm Drain
Capital Improvement Program
Projects FY 2014/15
Note: The following is not displayed on the map:
• Miscellaneous Storm Drain Replacement
N
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
MERCED ST
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
LA SIERRA AV
TYLER ST
VAN BUREN BLVD
MAGNOLIA AV
91 FREEWAY
MADISON ST
ADAMS ST
VICTORIA AV
ALESSANDRO BLVD
ARLINGTON RD
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CITY OF RIVERSIDE

City of Riverside

Table SD-2

2014/15 to 2018/19

Capital Improvement Program - Storm Drain

Capital Improvement Program Summary

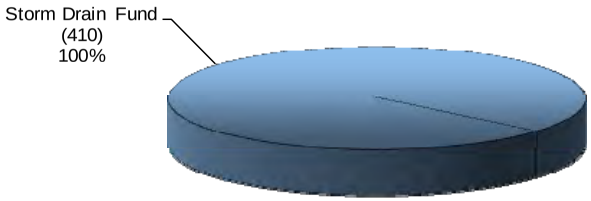
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Storm Drain Fund (410)	100,000	100,000	100,000	100,000	100,000	500,000	-
Total	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**500,000**	**-**

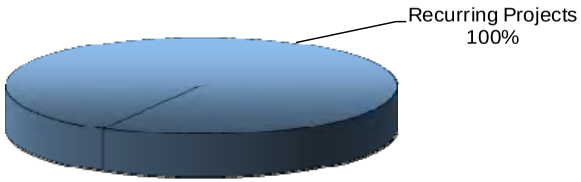
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Construction	-	-	-	-	-	-	-
Recurring Projects	100,000	100,000	100,000	100,000	100,000	500,000	-
Total	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**500,000**	**-**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% are not labeled.

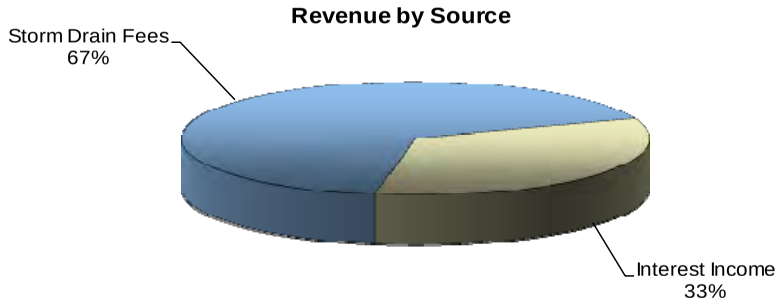
2014/15 to 2018/19

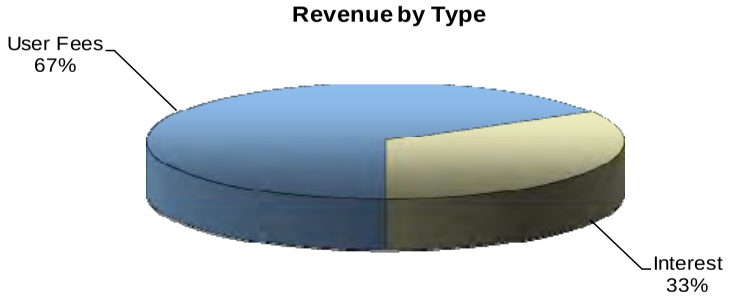
Capital Improvement Program - Storm Drain

Projected Capital Funding Revenue Sources by Fund

Storm Drain Fund (410)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Storm Drain Fees	100,000	100,000	100,000	100,000	100,000	500,000
Interest	Interest Income	50,000	50,000	50,000	50,000	50,000	250,000
	Total Funds Available for Capital Improvements from Revenue	**150,000**	**150,000**	**150,000**	**150,000**	**150,000**	**750,000**





NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Storm Drain

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Storm Drain Fund (410)	150,000	150,000	150,000	150,000	150,000
Fund Balance from Prior Year - Storm Drain Fund (410)	580,408	580,408	580,408	580,408	580,408
Total Funds Available for Capital Improvements	**730,408**	**730,408**	**730,408**	**730,408**	**730,408**
Less: Adjustments for Non-Capital Expenditures					
Land Development/Permit Processing	-	-	-	-	-
Drainage Studies	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
Adjusted Total Funds Available for Capital Improvements	**680,408**	**680,408**	**680,408**	**680,408**	**680,408**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
SD-1	Recurring Projects	Miscellaneous Storm Drain Construction	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(500,000)	-
		Total	**(100,000)**	**(100,000)**	**(100,000)**	**(100,000)**	**(100,000)**	**(500,000)**	**-**
		Unbudgeted Balance	**580,408**	**580,408**	**580,408**	**580,408**	**580,408**		

City of Riverside

Table SD-5

2014/15 to 2018/19

Capital Improvement Program - Storm Drain

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Storm Drain Fund (410)	Total
SD-1	Recurring Projects	Miscellaneous Storm Drain Construction - Construct miscellaneous storm drain improvements at various locations. In addition, funds may be used for previously budgeted projects when the scope of work has expanded.	-	500,000	500,000
		Total Funded Projects	**-**	**500,000**	**500,000**

2014/15 to 2018/19

Capital Improvement Program - Storm Drain

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Storm Drain Fund (410)	Restricted Non-City Funds	Total
		There are no unfunded capital projects currently identified.				
		Total Unfunded Projects	-	-	-	-

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
-0-	-0-	-0-	-0-	-0-	-0-

Introduction

The five-year capital improvement program for the Parking Services Fund totals Fund totals $0, as there are no budgeted capital projects currently identified.

Parking management strategies are classified as short, medium, and long-term recommendations designed to address additional parking demands as suggested in the Comprehensive Downtown Parking Study. The Comprehensive Downtown Parking Study completed in 2000 was updated in spring 2006 to better reflect the needs of the downtown area. The 2014/15 budget includes $150,000 to perform a parking demand and rate study.

Key Revenues and Funding Sources

Funding for the CIP is derived solely from parking revenues, which include lots, garages, meters, office space leasing, and parking fines.

Future CIP Considerations

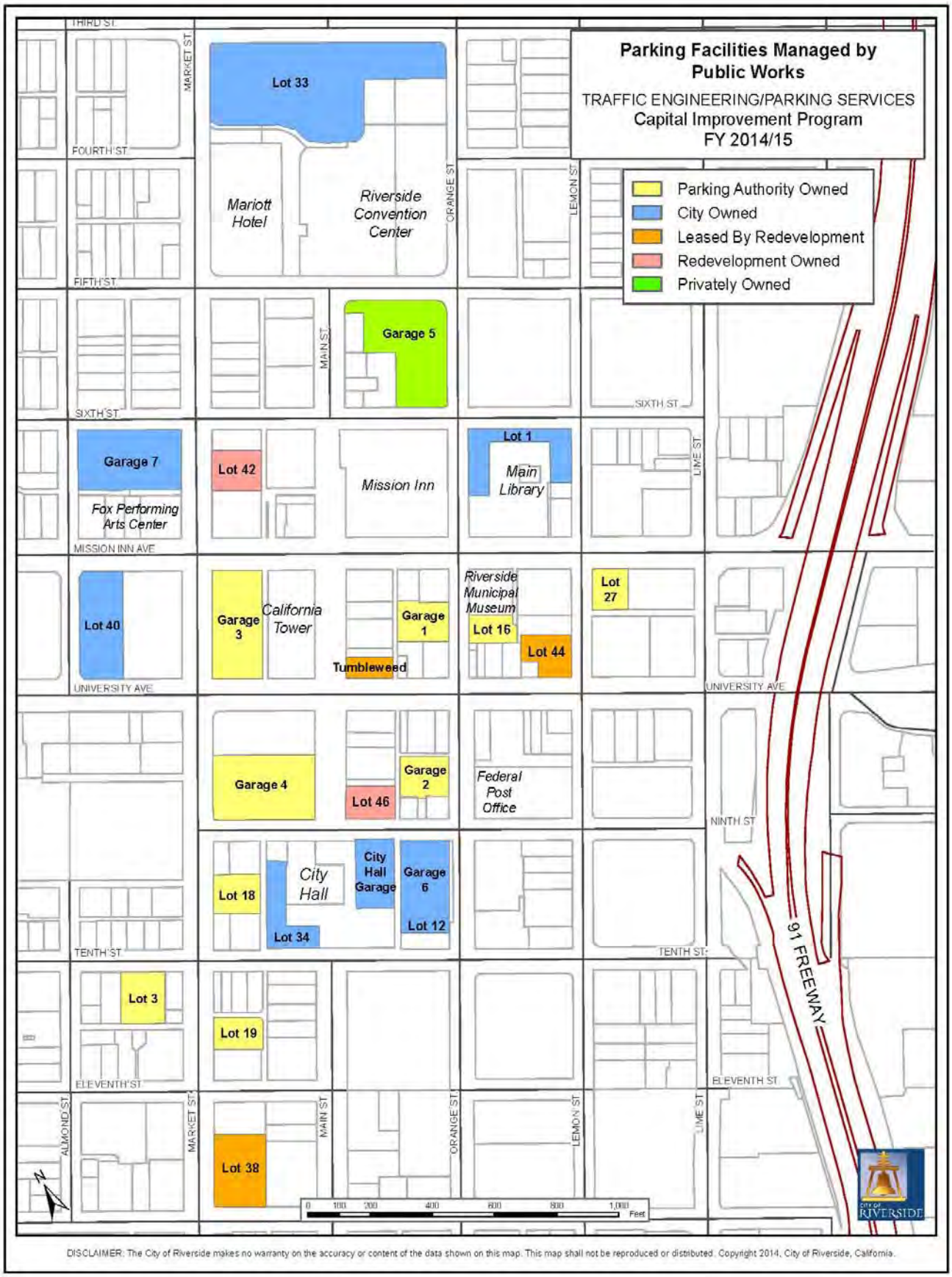
At some point beyond the five-year CIP, the aging Garages 1 and 2 will need to be replaced. Due to existing debt for the construction of Garages 6 and 7, the Public Parking Fund does not currently have the resources to fund the reconstruction.

2014/15 to 2018/19

Capital Improvement Program - Public Parking

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Public Parking Fund (570)	Total
		There are no first year budgeted capital projects currently identified.			
		Total	-	-	-



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2014/15 to 2018/19

Capital Improvement Program - Public Parking

Capital Improvement Program Summary

Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Public Parking Fund (570)	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Lot Improvements	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

There are no budgeted capital projects currently identified.

2014/15 to 2018/19

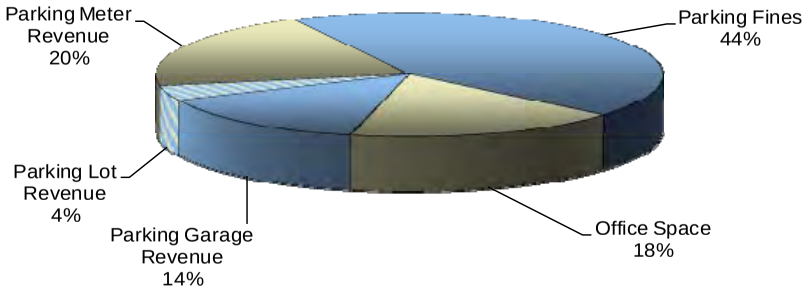
Capital Improvement Program - Public Parking

Projected Capital Funding Revenue Sources by Fund

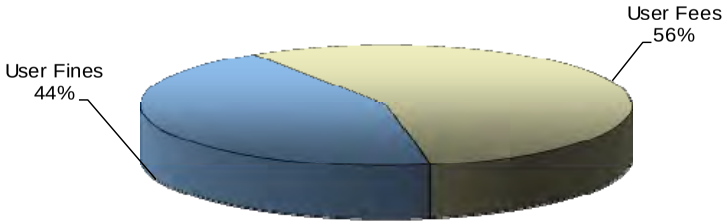
Public Parking Fund (570)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Office Space	1,002,792	1,156,479	1,192,434	1,228,336	1,265,186	5,845,227
User Fees	Other Parking Receipts	5,000	5,000	5,000	5,000	5,000	25,000
User Fees	Parking Garage Revenue	992,066	995,592	990,224	916,159	920,648	4,814,689
User Fees	Parking Lot Revenue	252,800	252,800	252,800	252,800	252,800	1,264,000
User Fees	Parking Meter Revenue	1,350,000	1,350,000	1,350,000	1,350,000	1,350,000	6,750,000
User Fines	Parking Fines	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
Interest	Interest Income	14,000	7,000	-	-	-	21,000
	Total Funds Available for Capital Improvements from Revenue	**6,516,658**	**6,666,871**	**6,690,458**	**6,652,295**	**6,693,634**	**33,219,916**
Less: Enterprise Fund Operating Expenditures		(4,666,894)	(4,563,780)	(4,628,965)	(4,892,334)	(4,934,105)	(23,686,078)
	Adjusted Total Funds Available for Capital Improvements from Revenue	**1,849,764**	**2,103,091**	**2,061,493**	**1,759,961**	**1,759,529**	**9,533,838**

Revenue by Source



Revenue by Type



NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Public Parking

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Public Parking Fund (570)	1,849,764	2,103,091	2,061,493	1,759,961	1,759,529
Fund Balance from Prior Year - Public Parking Fund (570)	930,136	174,194	389,476	563,160	474,432
Total Funds Available for Capital Improvements	**2,779,900**	**2,277,285**	**2,450,969**	**2,323,121**	**2,233,961**
Less: Adjustments for Non-Capital Expenditures					
Debt Service - Parking Garage 6 COPS	(738,000)	(738,000)	(738,000)	(738,000)	(738,000)
Debt Service - Parking Garage 7 Bank Loan	(1,746,706)	(1,028,809)	(1,028,809)	(1,028,809)	(1,028,809)
Debt Service - Parking Garages 1 & 2 Interfund Loan #2	(121,000)	(121,000)	(121,000)	(81,880)	-
Adjusted Total Funds Available for Capital Improvements	**174,194**	**389,476**	**563,160**	**474,432**	**467,152**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
			-	-	-	-	-	-	-
		There are no budgeted capital projects currently identified.							
		Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**
		Unbudgeted Balance	**174,194**	**389,476**	**563,160**	**474,432**	**467,152**		

City of Riverside

Table PA-5

2014/15 to 2018/19

Capital Improvement Program - Public Parking

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Public Parking Fund (570)	Total
		There are no funded capital projects currently identified.			
		Total Funded Projects	**-**	**-**	**-**

City of Riverside

Table PA-6

2014/15 to 2018/19

Capital Improvement Program - Public Parking

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Public Parking Fund (570)	Total
		There are no unfunded capital projects currently identified.			
		Total Unfunded Projects	**-**	**-**	**-**

2014/15 to 2018/19
Capital Improvement Program – Airport

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
865,000	8,325,000	4,525,000	3,125,000	2,625,000	19,465,000

Introduction

The five-year Capital Improvement Program for the Airport totals $19,465,000. The FY 2014/15 CIP is proposed to be $865,000. The FY 2014/15 CIP includes projects such as site the gas line relocation and annual pavement preservation.

The Airport Department continues to follow its strategic plan, the elements of which are financed through the implementation of this CIP. Since 1995, this process has resulted in carefully targeted expenditures from the Airport Fund (530) achieving substantial growth consistent with the goals set forth in the 2009 Airport Master Plan.

Airport CIP projects consist of airfield projects that are 89% funded through the Federal Aviation Administration's (FAA) Airport Improvement Program and Airport in-house projects that are funded through the Airport's Fund Balance. Federal funding requests for airfield project funding are submitted each year to FAA. FAA projects compete for priority status with other airports in the FAA's Western-Pacific Region. The Airport's in-house projects are funded on an as needed basis from the Airport's Fund Balance.

Key Revenues and Funding Sources

For 2014/15, $71,200 of the CIP will be funded from the Airport Fund (530) Balance, with the remainder coming from State and Federal grants. Over the five-year plan, 6.11% (or $1,188,700) of the $19 million dollar program is funded from the Airport's Fund Balance.

Future CIP Considerations

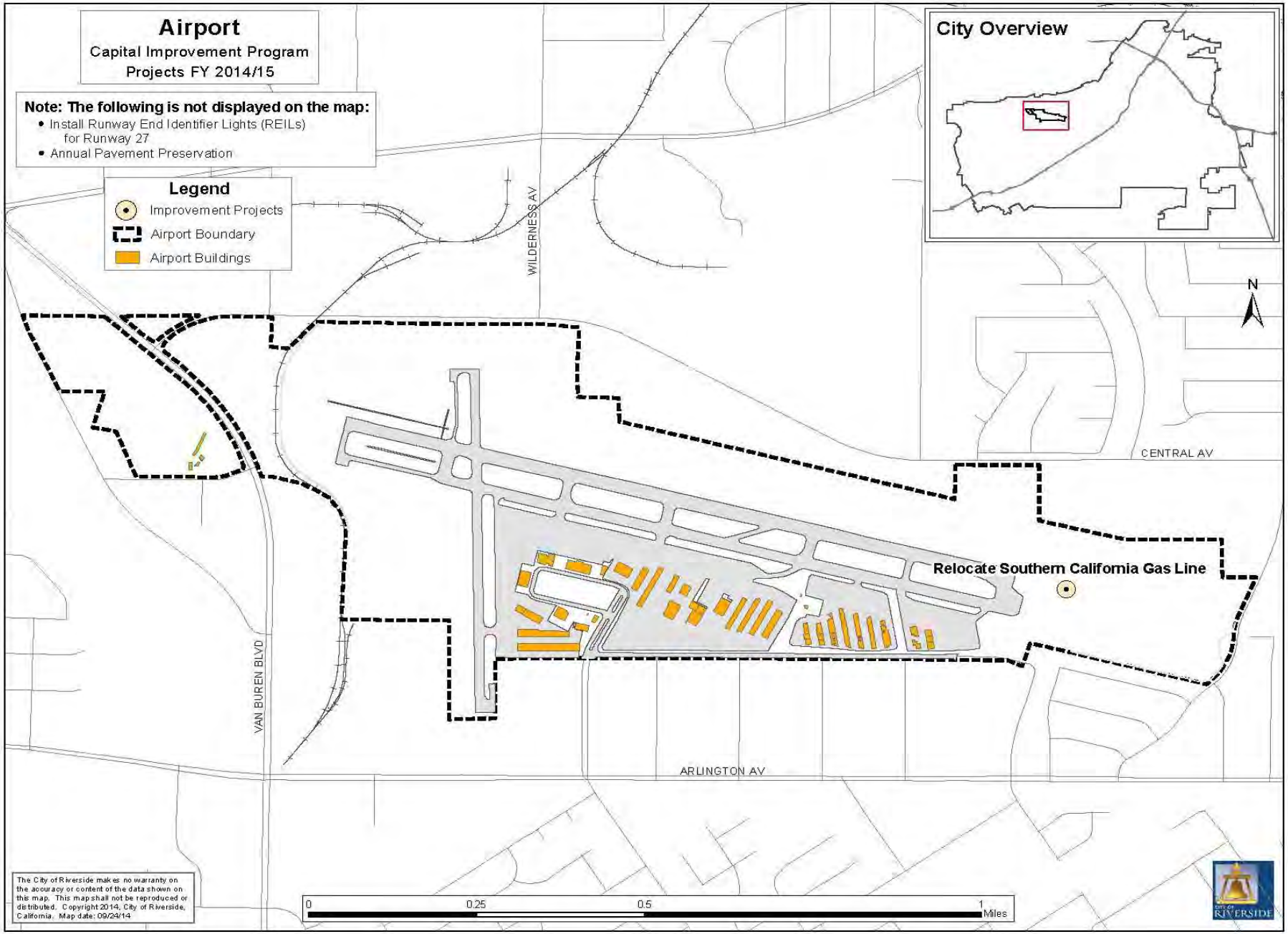
No unfunded capital projects have been identified at this time. Airport staff will continue to evaluate the Airport's facilities and will add new projects to the CIP as required.

2014/15 to 2018/19

Capital Improvement Program - Airport

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Airport Fund (530)			Total
				City	CALTRANS	FAA	
AP-1	Construction	Relocate Southern California Gas Line	-	44,000	36,000	720,000	800,000
AP-2	Construction	Install Runway End Identifier Lights (REILs) for Runway 27	-	2,200	1,800	36,000	40,000
AP-13	Recurring Projects	Annual Pavement Preservation	-	25,000	-	-	25,000
		Total	**-**	**71,200**	**37,800**	**756,000**	**865,000**


Airport
Capital Improvement Program
Projects FY 2014/15
Note: The following is not displayed on the map:
• Install Runway End Identifier Lights (REILs) for Runway 27
• Annual Pavement Preservation
Legend
Improvement Projects
Airport Boundary
Airport Buildings
City Overview
N
WILDERNESS AV
CENTRAL AV
VAN BUREN BLVD
ARLINGTON AV
Relocate Southern California Gas Line
0
0.25
0.5
1
Miles
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CITY OF RIVERSIDE

2014/15 to 2018/19

Capital Improvement Program - Airport

Capital Improvement Program Summary

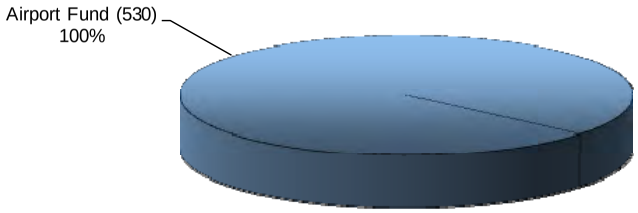
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Airport Fund (530)	865,000	8,325,000	4,525,000	3,125,000	2,625,000	19,465,000	-
Total	**865,000**	**8,325,000**	**4,525,000**	**3,125,000**	**2,625,000**	**19,465,000**	**-**

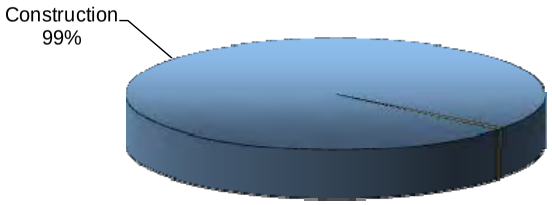
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Construction	840,000	8,300,000	4,500,000	3,100,000	2,600,000	19,340,000	-
Recurring Projects	25,000	25,000	25,000	25,000	25,000	125,000	-
Total	**865,000**	**8,325,000**	**4,525,000**	**3,125,000**	**2,625,000**	**19,465,000**	**-**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% are not labeled.

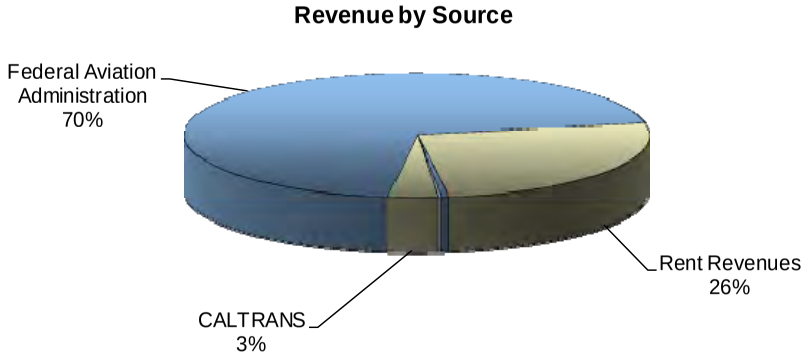
2014/15 to 2018/19

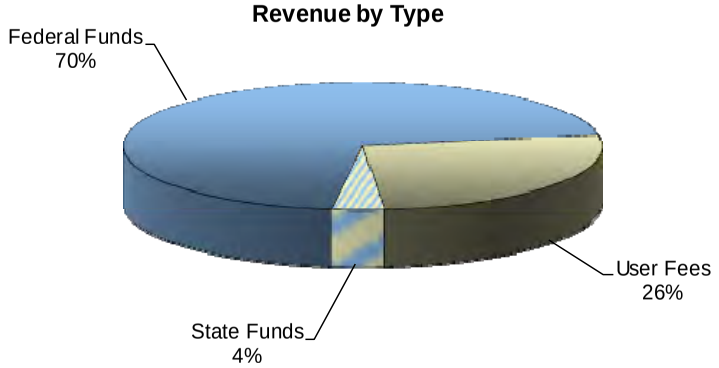
Capital Improvement Program - Airport

Projected Capital Funding Revenue Sources by Fund

Airport Fund (530)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Rent Revenues	1,082,800	1,135,827	1,249,410	1,374,351	1,495,000	6,337,388
User Fees	Landing and Tie Down Fees	400	212	219	225	230	1,286
User Fees	Fuel Flowage Fee	27,000	25,462	26,225	27,012	28,500	134,199
Tax Revenues	Non-Commercial Aircraft Tax	11,330	11,670	12,020	12,381	12,600	60,001
State Funds	CALTRANS	37,800	373,500	202,500	139,500	117,000	870,300
Federal Funds	Federal Aviation Administration	756,000	7,470,000	4,050,000	2,790,000	2,340,000	17,406,000
	Total Funds Available for Capital Improvements from Revenue	**1,915,330**	**9,016,671**	**5,540,374**	**4,343,469**	**3,993,330**	**24,809,174**
Less: Enterprise Fund Operating Expenditures		(986,767)	(1,016,370)	(1,046,861)	(1,078,267)	(1,101,000)	(5,229,264)
	Adjusted Total Funds Available for Capital Improvements from Revenue	**928,563**	**8,000,301**	**4,493,513**	**3,265,202**	**2,892,330**	**19,579,910**





NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Airport

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Airport Fund (530)	928,563	8,000,301	4,493,513	3,265,202	2,420,330
Fund Balance from Prior Year - Airport Fund (530)	26,708	84,130	265,010	437,267	721,490
Total Funds Available for Capital Improvements	**955,271**	**8,084,431**	**4,758,523**	**3,702,469**	**3,141,820**

Project Number			2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
AP-1	Construction	Relocate Southern California Gas Line	(800,000)	-	-	-	-	(800,000)	-
AP-2	Construction	Install Runway End Identifier Lights (REILs) for Runway 27	(40,000)	-	-	-	-	(40,000)	-
AP-3	Construction	Grading for North Parallel Taxiway & Runway 9/27 RSA	-	(4,000,000)	-	-	-	(4,000,000)	-
AP-4	Construction	Construct Electrical Vault - Including Generator	-	(300,000)	-	-	-	(300,000)	-
AP-5	Construction	Construct North Parallel Taxiway including Lighting & Signs	-	(4,000,000)	-	-	-	(4,000,000)	-
AP-6	Construction	Construct Perimeter Road - Runway Incursion Prevention	-		(2,000,000)	-	-	(2,000,000)	-
AP-7	Construction	Apron Rehabilitation Including Drainage Improvements, Phase 1	-		(2,500,000)	-	-	(2,500,000)	-
AP-8	Construction	Runway 16/34 Overlay and Marking	-	-	-	(600,000)	-	(600,000)	-
AP-9	Construction	Apron Rehabilitation, Including Drainage Improvements, Phase 2	-	-	-	(2,500,000)	-	(2,500,000)	-
AP-10	Construction	Install Runway 9/27 Medium Intensity Runway Lights	-	-	-	-	(1,200,000)	(1,200,000)	-
AP-11	Construction	Runway 9/27 RSA Improvement: Relocate Railroad Tracks	-	-	-	-	(1,000,000)	(1,000,000)	-
AP-12	Development	Westside Apron Project	-	-	-	-	(400,000)	(400,000)	-
AP-13	Recurring Projects	Annual Pavement Preservation	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(125,000)	-
		Total	**(865,000)**	**(8,325,000)**	**(4,525,000)**	**(3,125,000)**	**(2,625,000)**	**(19,465,000)**	**-**
		Unbudgeted Balance	**90,271**	**(240,569)**	**233,523**	**577,469**	**516,820**		

2014/15 to 2018/19

Capital Improvement Program - Airport

Funded Capital Project Descriptions

Project Number	Project Type	Project Description	General Fund (101)	Airport Fund (530)			Total
				City	CALTRANS	FAA	
AP-1	Construction	Relocate Southern California Gas Line	-	44,000	36,000	720,000	800,000
AP-2	Construction	Install Runway End Identifier Lights (REILs) for Runway 27	-	2,200	1,800	36,000	40,000
AP-3	Construction	Grading for North Parallel Taxiway & Runway 9/27 RSA	-	220,000	180,000	3,600,000	4,000,000
AP-4	Construction	Construct Electrical Vault - Including Generator		16,500	13,500	270,000	300,000
AP-5	Construction	Construct North Parallel Taxiway including Lighting & Signs	-	220,000	180,000	3,600,000	4,000,000
AP-6	Construction	Construct Perimeter Road - Runway Incursion Prevention	-	110,000	90,000	1,800,000	2,000,000
AP-7	Construction	Apron Rehabilitation Including Drainage Improvements, Phase 1	-	137,500	112,500	2,250,000	2,500,000
AP-8	Construction	Runway 16/34 Overlay and Marking	-	33,000	27,000	540,000	600,000
AP-9	Construction	Apron Rehabilitation, Including Drainage Improvements, Phase 2	-	137,500	112,500	2,250,000	2,500,000
AP-10	Construction	Install Runway 9/27 Medium Intensity Runway Lights	-	66,000	54,000	1,080,000	1,200,000
AP-11	Construction	Runway 9/27 RSA Improvement: Relocate Railroad Tracks	-	55,000	45,000	900,000	1,000,000
AP-12	Development	Westside Apron Project	-	22,000	18,000	360,000	400,000
AP-13	Recurring Projects	Annual Pavement Preservation	-	125,000	-	-	125,000
		Total Funded Projects	**-**	**1,188,700**	**870,300**	**17,406,000**	**19,465,000**

2014/15 to 2018/19

Capital Improvement Program - Airport

Unfunded Capital Project Descriptions

Project Number	Project Type	Project Description	General Fund (101)	Airport Fund (530)			Total
				City	CALTRANS	FAA	
		There are no unfunded capital projects currently identified.					
		Total Unfunded Projects	-	-	-	-	-

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
35,557,000	35,118,000	36,875,000	37,501,000	35,680,000	180,731,000

Introduction

The five-year Capital Improvement Program (CIP) for the electric system totaling $180,731,000 is required to replace aging facilities, serve new growth, and install infrastructure to ensure reliability of the electric system.

The CIP assumes that electric consumption will grow at an average annual rate of approximately 1.0 percent. The improvements included in the CIP are to serve areas that are within the City's limits and scheduled for development in accordance with the City's current General Plan. In addition, the CIP incorporates conclusions and recommendations outlined in the Electric System Master Plan.

The CIP is within the established targets included in the latest strategic financial plan. Maintaining competitive rates is an important goal for the Utility; however, this must be balanced against the need for system improvements to ensure reliability and adequate capacity. The City Council-approved Electric Rate Plan will fund the Riverside Transmission Reliability Project and other transmission and distribution projects.

The Electric CIP consists of seven main sections: System Improvements, Recurring Projects, Power Resources, Generation, Projects Driven by Others, Special Projects, and Other Projects.

System Improvements

Electric System Improvements consist of identifiable major transmission and distribution projects totaling $112.1 million. Major projects that were included as part of last year's CIP and retained in the Plan include:

- Replacement of deteriorating underground cable for $11.8 million
- Conversion of 4 kV distribution lines to 12 kV to replace deteriorated facilities and prevent overloading the 4 kV system at various substations for $9.7 million
- Replacement of obsolete equipment and additions at various substations for $16.4 million
- Installation of power transformer additions to support load growth at various substations for $21.5 million
- Installation of commercial and residential tract main feeders for $1.2 million
- Installation of distribution feeder equipment for $10.9 million
- Relocate 69kV major transmission line out of the Santa Ana riverbed and other 69kV improvements for $2.5 million
- Expansion of the City's fiber communication system for $5.5 million
- Automation of overhead and underground equipment throughout the City for $4.9 million
- Rehabilitation or replacement of deteriorating underground and overhead equipment related to GO165 for $21.7 million.
- SCADA system upgrades for $2.2 million
- SCE condemnation costs for $0.8 million
- Purchase and installation of meter equipment for meter replacement program for $3.0 million

Additionally, the largest electric system transmission and distribution improvement project in the Utility's history is the Riverside Transmission Reliability Project (RTRP). The 2009/10 through 2013/14 capital plan included $16.0 million of City Funds for RTRP, in addition to the 2007/08 capital plan's appropriation of $90.2 million. The RTRP funding supports both the Sub-Transmission Project (STP) and the RTRP. STP is expected to be completed during 2013/14. The licensing and permitting phase of RTRP has resulted in project delays. As such, no additional expenditures for RTRP were included in the 2014/15 CIP.

Estimated expenditures for the period 2014/15 through 2018/19 are $25.5 million more than the equivalent period in last year's CIP, excluding expenditures for RTRP and STP.

Program Summary

Recurring Projects
Recurring Projects consist of small system improvements, services to customers, and purchases of certain types of equipment including wood poles, transformers, meters, capacitors, and minor substation equipment. Recurring Projects include:

- Installation/extension of main overhead and underground distribution lines for $10.0 million
- Installation of transformers and system upgrades for $9.2 million
- Replacement of obsolete and deteriorated distribution lines for $7.3 million
- Installation of meters for new services, street lighting and miscellaneous repairs for $6.2 million

Total expenditures over the five-year planning period for recurring projects are estimated to be $32.7 million. Estimated expenditures for 2014/15 through 2018/19 are $7.6 million less than the equivalent period in last year's CIP.

Power Resources
There are no projects which fall under this section within the proposed CIP.

Generation
Generation projects include funding of $10.0 million for North American Electric Reliability Corporation (NERC) facility security compliance and upgrades.

Projects Driven by Others
Projects Driven by Others generally result from street-widening or rehabilitation projects, which may or may not require replacement, relocation or undergrounding of existing electric facilities, and also overhead-to-underground beautification efforts, and neighborhood street light retrofit. Total expenditures for the period of 2014/15 through 2018/19 are $15.9 million; or $1.9 million less than last year's comparable CIP.

Special Projects
Special Projects are one time projects tailored to the City's overall objectives. Therefore, the timing of completion is more speculative than projects identified in other categories. The special projects total $10.0 million for the period 2014/15 through 2018/19 and represents funds designated per the Facilities Management Plan. Final approval of the projects will be requested as more definitive schedules or plans are established.

Other Projects
There are no projects which fall under this section within the proposed CIP.

Key Revenues and Funding Sources

The five-year Electric CIP will be supported by various funding sources. Approximately $156.3 million will be funded with bond proceeds; $19.4 million will be funded from rates and/or reserves, and $5.0 million will be funded from contributions in aid of construction and outside entities.

Future CIP Considerations

Unfunded projects totaled $25.0 million. These are projects desired by the Utility or driven by others, and do not have an identified funding source. Because the timing of these projects is uncertain, they are presented as unfunded. Feasibility and need for the project will be key factors used to determine if these projects will supersede an existing project or continue to be deferred until a funding source can be identified. Approvals for these projects will be sought individually with the funding and Capital Improvement Plan impacts discussed at that time.

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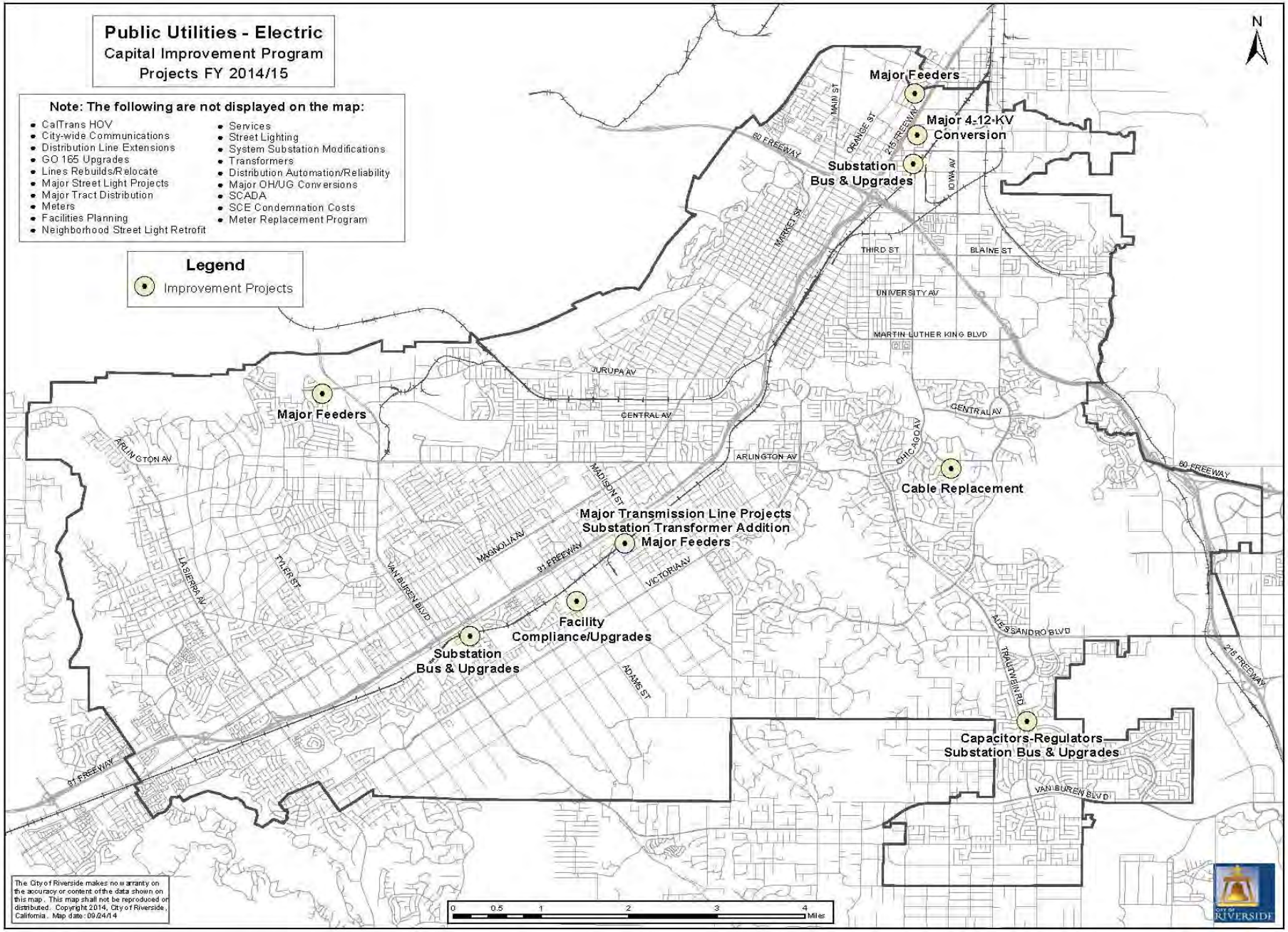
Table EL-1

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Electric

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Electric Fund (510)	Total
EL-1	Driven by Others	Major OH/UG Conversions	-	1,643,000	1,643,000
EL-2	Driven by Others	Cable Replacement - PW Street Rehab.	-	400,000	400,000
EL-3	Driven by Others	Major Street Light Projects	-	360,000	360,000
EL-4	Driven by Others	Neighborhood Street Light Retrofit (Riverside Renaissance)	-	765,000	765,000
EL-5	Driven by Others	CalTrans HOV- Non-Reimbursable	-	100,000	100,000
EL-6	Generation	Facility Compliance/Upgrades	-	1,734,000	1,734,000
EL-7	System Improvements	Cable Replacement	-	1,944,000	1,944,000
EL-8	System Improvements	City-wide Communications	-	1,667,000	1,667,000
EL-9	System Improvements	Distribution Automation/Reliability	-	500,000	500,000
EL-10	System Improvements	GO 165 Upgrades /Line Rebuilds / Relocate	-	3,700,000	3,700,000
EL-11	System Improvements	Major 4-12 kV Conversion	-	2,115,000	2,115,000
EL-12	System Improvements	Major Feeders	-	3,120,000	3,120,000
EL-13	System Improvements	Major Tract Distribution	-	210,000	210,000
EL-14	System Improvements	SCADA	-	800,000	800,000
EL-15	System Improvements	SCE Condemnation Costs	-	230,000	230,000
EL-16	System Improvements	Substation Bus & Upgrades	-	4,269,000	4,269,000
EL-17	System Improvements	Substation Transformer Addition	-	3,300,000	3,300,000
EL-18	System Improvements	Major Transmission Line Projects	-	270,000	270,000
EL-19	System Improvements	Meter Replacement Program	-	600,000	600,000
EL-20	Recurring Projects	Capacitors-Regulators	-	50,000	50,000
EL-21	Recurring Projects	Distribution Line Extensions	-	1,800,000	1,800,000
EL-22	Recurring Projects	Lines Rebuilds / Relocate	-	1,465,000	1,465,000
EL-23	Recurring Projects	Meters	-	350,000	350,000
EL-24	Recurring Projects	Services	-	330,000	330,000
EL-25	Recurring Projects	Street Lighting	-	315,000	315,000
EL-26	Recurring Projects	System Substation Modifications	-	120,000	120,000
EL-27	Recurring Projects	Transformers	-	1,400,000	1,400,000
EL-28	Special Projects	Special Project - Facilities Planning	-	2,000,000	2,000,000
		Total	**-**	**35,557,000**	**35,557,000**


Public Utilities - Electric
Capital Improvement Program
Projects FY 2014/15
Note: The following are not displayed on the map:
CalTrans HOV
City-wide Communications
Distribution Line Extensions
GO 165 Upgrades
Lines Rebuilds/Relocate
Major Street Light Projects
Major Tract Distribution
Meters
Facilities Planning
Neighborhood Street Light Retrofit
Services
Street Lighting
System Substation Modifications
Transformers
Distribution Automation/Reliability
Major OH/UG Conversions
SCADA
SCE Condemnation Costs
Meter Replacement Program
Legend
Improvement Projects
N
Major Feeders
Major 4-12-KV Conversion
Substation Bus & Upgrades
Major Feeders
Cable Replacement
Major Transmission Line Projects
Substation Transformer Addition
Major Feeders
Facility Compliance/Upgrades
Substation Bus & Upgrades
Capacitors-Regulators
Substation Bus & Upgrades
60 FREEWAY
215 FREEWAY
91 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
MARKET ST
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
MADISON ST
MAGNOLIA AV
VICTORIA AV
VAN BUREN BLVD
TYLER ST
LA SIERRA AV
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN RD
0 0.5 1 2 3 4 Miles
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CITY OF RIVERSIDE

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Electric

Capital Improvement Program Summary

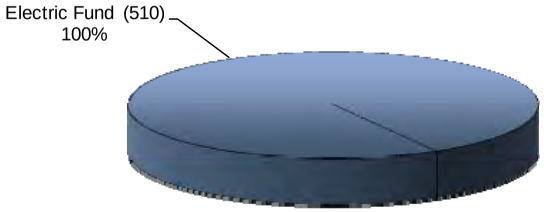
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Electric Fund (510)	35,557,000	35,118,000	36,875,000	37,501,000	35,680,000	180,731,000	25,000,000
Total	**35,557,000**	**35,118,000**	**36,875,000**	**37,501,000**	**35,680,000**	**180,731,000**	**25,000,000**

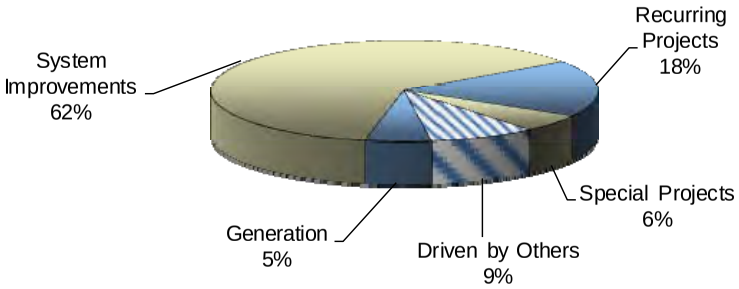
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
Driven by Others	3,268,000	3,168,000	3,168,000	3,168,000	3,168,000	15,940,000	25,000,000
Generation	1,734,000	1,714,000	1,914,000	2,586,000	2,052,000	10,000,000	-
System Improvements	22,725,000	21,751,000	23,188,000	22,919,000	21,510,000	112,093,000	-
Recurring Projects	5,830,000	6,485,000	6,605,000	6,828,000	6,950,000	32,698,000	-
Special Projects	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	-
Total	**35,557,000**	**35,118,000**	**36,875,000**	**37,501,000**	**35,680,000**	**180,731,000**	**25,000,000**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% are not labeled.

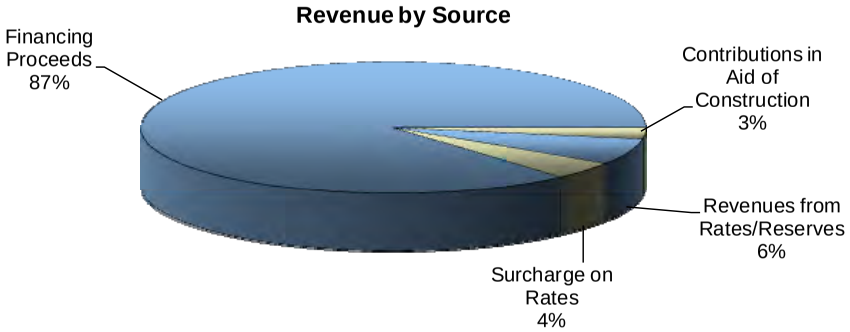
2014/15 to 2018/19

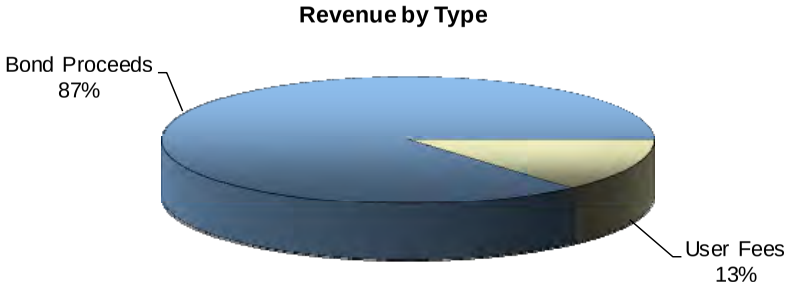
Capital Improvement Program - Public Utilities / Electric

Projected Capital Funding Revenue Sources by Fund

Electric Fund (510)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Contributions in Aid of Construction	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
User Fees	Revenues from Rates/Reserves	3,824,000	1,879,000	1,899,000	1,922,000	1,944,000	11,468,000
User Fees	OH/UG and Cable Replacement 0.5% Surcharge on Rates	1,518,000	1,550,000	1,582,000	1,612,000	1,644,000	7,906,000
Bond Proceeds	Financing Proceeds	29,215,000	30,689,000	32,394,000	32,967,000	31,092,000	156,357,000
	Total Funds Available for Capital Improvements from Revenue	**35,557,000**	**35,118,000**	**36,875,000**	**37,501,000**	**35,680,000**	**180,731,000**





NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Electric

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Electric Fund (510)	35,557,000	35,118,000	36,875,000	37,501,000	35,680,000
Fund Balance from Prior Year [1]	-	-	-	-	-
Total Funds Available for Capital Improvements	**35,557,000**	**35,118,000**	**36,875,000**	**37,501,000**	**35,680,000**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
	Driven by Others								
EL-1	Driven by Others	Major OH/UG Conversions	(1,643,000)	(1,643,000)	(1,643,000)	(1,643,000)	(1,643,000)	(8,215,000)	-
EL-UF-1	Driven by Others	Major OH/UG Conversions-Magnolia Ave/Brockton Ave west to City limits	-	-	-	-	-	-	(25,000,000)
EL-2	Driven by Others	Cable Replacement - PW Street Rehab.	(400,000)	(400,000)	(400,000)	(400,000)	(400,000)	(2,000,000)	-
EL-3	Driven by Others	Major Street Light Projects	(360,000)	(360,000)	(360,000)	(360,000)	(360,000)	(1,800,000)	-
EL-4	Driven by Others	Neighborhood Street Light Retrofit (Riverside Renaissance)	(765,000)	(765,000)	(765,000)	(765,000)	(765,000)	(3,825,000)	-
EL-5	Driven by Others	CalTrans HOV- Non-Reimbursable	(100,000)	-	-		-	(100,000)	-
		SubTotal	**(3,268,000)**	**(3,168,000)**	**(3,168,000)**	**(3,168,000)**	**(3,168,000)**	**(15,940,000)**	**(25,000,000)**
	Generation								
EL-6	Generation	Facility Compliance/Upgrades	(1,734,000)	(1,714,000)	(1,914,000)	(2,586,000)	(2,052,000)	(10,000,000)	-
		SubTotal	**(1,734,000)**	**(1,714,000)**	**(1,914,000)**	**(2,586,000)**	**(2,052,000)**	**(10,000,000)**	**-**
									-
	System Improvements								
EL-7	System Improvements	Cable Replacement	(1,944,000)	(2,947,000)	(2,601,000)	(2,341,000)	(2,020,000)	(11,853,000)	-
EL-8	System Improvements	City-wide Communications	(1,667,000)	(967,000)	(967,000)	(967,000)	(967,000)	(5,535,000)	-
EL-9	System Improvements	Distribution Automation/Reliability	(500,000)	(900,000)	(900,000)	(1,000,000)	(1,650,000)	(4,950,000)	-
EL-10	System Improvements	GO 165 Upgrades /Line Rebuilds / Relocate	(3,700,000)	(4,500,000)	(4,500,000)	(4,500,000)	(4,500,000)	(21,700,000)	-
EL-11	System Improvements	Major 4-12 kV Conversion	(2,115,000)	(1,325,000)	(1,325,000)	(2,625,000)	(2,320,000)	(9,710,000)	-
EL-12	System Improvements	Major Feeders	(3,120,000)	(1,370,000)	(1,535,000)	(2,310,000)	(2,560,000)	(10,895,000)	-
EL-13	System Improvements	Major Tract Distribution	(210,000)	(220,000)	(230,000)	(240,000)	(250,000)	(1,150,000)	-
EL-14	System Improvements	SCADA	(800,000)	(450,000)	(390,000)	(369,000)	(150,000)	(2,159,000)	-
EL-15	System Improvements	SCE Condemnation Costs	(230,000)	(200,000)	(300,000)	(50,000)	(50,000)	(830,000)	-
EL-16	System Improvements	Substation Bus & Upgrades	(4,269,000)	(3,392,000)	(2,335,000)	(2,682,000)	(3,693,000)	(16,371,000)	-
EL-17	System Improvements	Substation Transformer Addition	(3,300,000)	(4,630,000)	(7,505,000)	(3,285,000)	(2,750,000)	(21,470,000)	-
EL-18	System Improvements	Major Transmission Line Projects	(270,000)	(250,000)	-	(1,950,000)	-	(2,470,000)	-
EL-19	System Improvements	Meter Replacement Program	(600,000)	(600,000)	(600,000)	(600,000)	(600,000)	(3,000,000)	-
		SubTotal	**(22,725,000)**	**(21,751,000)**	**(23,188,000)**	**(22,919,000)**	**(21,510,000)**	**(112,093,000)**	**-**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
	Recurring Projects								
EL-20	Recurring Projects	Capacitors-Regulators	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
EL-21	Recurring Projects	Distribution Line Extensions	(1,800,000)	(1,900,000)	(2,000,000)	(2,100,000)	(2,200,000)	(10,000,000)	-
EL-22	Recurring Projects	Lines Rebuilds / Relocate	(1,465,000)	(1,465,000)	(1,465,000)	(1,465,000)	(1,465,000)	(7,325,000)	-
EL-23	Recurring Projects	Meters	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(1,750,000)	-
EL-24	Recurring Projects	Services	(330,000)	(385,000)	(405,000)	(428,000)	(450,000)	(1,998,000)	-
EL-25	Recurring Projects	Street Lighting	(315,000)	(315,000)	(315,000)	(315,000)	(315,000)	(1,575,000)	-
EL-26	Recurring Projects	System Substation Modifications	(120,000)	(120,000)	(120,000)	(120,000)	(120,000)	(600,000)	-
EL-27	Recurring Projects	Transformers	(1,400,000)	(1,900,000)	(1,900,000)	(2,000,000)	(2,000,000)	(9,200,000)	-
		SubTotal	**(5,830,000)**	**(6,485,000)**	**(6,605,000)**	**(6,828,000)**	**(6,950,000)**	**(32,698,000)**	**-**
	Special Projects (One-Time)								
EL-28	Special Projects	Special Project - Facilities Planning	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)	(10,000,000)	-
		SubTotal	**(2,000,000)**	**(2,000,000)**	**(2,000,000)**	**(2,000,000)**	**(2,000,000)**	**(10,000,000)**	**-**
		Total	**(35,557,000)**	**(35,118,000)**	**(36,875,000)**	**(37,501,000)**	**(35,680,000)**	**(180,731,000)**	**(25,000,000)**
		Unbudgeted Balance	**-**	**-**	**-**	**-**	**-**		

[1] The Public Utilities / Electric CIP is not funded from any funding sources that retain a year-end balance. Projected expenditures are equal to projected appropriations.

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Electric

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Electric Fund (510)	Total
EL-1	Driven by Others	Major OH/UG Conversions - Convert various overhead feeders to underground facilities for road widening projects and as a part of other projects.	-	8,215,000	8,215,000
EL-2	Driven by Others	Cable Replacement (PW Street Rehab) - Replace aging distribution and feeder cable in conjunction with PW street rehabilitation projects.	-	2,000,000	2,000,000
EL-3	Driven by Others	Major Street Light Projects - Relocate/upgrade street lights for road widening projects and as a part of other projects.	-	1,800,000	1,800,000
EL-4	Driven by Others	Neighborhood Street Light Retrofit (Wood Streets).	-	3,825,000	3,825,000
EL-5	Driven by Others	CalTrans - HOV, Non-Reimbursable.	-	100,000	100,000
EL-6	Generation	Facility Compliance/Upgrades - NERC facility security.	-	10,000,000	10,000,000
EL-7	System Improvements	Cable Replacement - Replace aging distribution and feeder cable in the Canyon Crest area and other areas with high incidence of HMPE/CIC-type cable.	-	11,853,000	11,853,000
EL-8	System Improvements	City-wide Communications - Fiber extensions between Freeman and Orangecrest Substations and other routes.	-	5,535,000	5,535,000
EL-9	System Improvements	Distribution Automation/Reliability - Automation of overhead and underground sectionalizing devices. Remote monitoring distribution equipment.	-	4,950,000	4,950,000
EL-10	System Improvements	GO 165 Upgrades/Line rebuilds/Relocate - Rehabilitation or replacement of underground and overhead equipment identified as a result of detailed inspections.	-	21,700,000	21,700,000
EL-11	System Improvements	Major 4-12 kV Conversion - Upgrade aging, obsolete 4 kV facilities to 12 kV in the Magnolia, Plaza and Riverside Substation service areas.	-	9,710,000	9,710,000
EL-12	System Improvements	Major Feeders - Construct major overhead and underground feeders in the Plaza, La Colin and Harvey Lynn Substation service areas and at other various locations. Includes extensions to annexation areas.	-	10,895,000	10,895,000
EL-13	System Improvements	Major Tract Distribution - Construct distribution feeders in new major residential and commercial tract developments.	-	1,150,000	1,150,000
EL-14	System Improvements	SCADA - SCADA.NET upgrade. NERC physical security compliance.	-	2,159,000	2,159,000
EL-15	System Improvements	SCE Condemnation Costs - Friendly condemnation of existing SCE facilities in annexation areas.	-	830,000	830,000
EL-16	System Improvements	Substation Bus & Upgrades - Replace failing equipment, install additional equipment and improve operability and safety of Substations. Also includes Hunter seismic retrofit and block wall and property improvements at Freeman and Lynn Substations.	-	16,371,000	16,371,000

Project Number	Project Type	Project Description	General Fund (101)	Electric Fund (510)	Total
EL-17	System Improvements	Substation Transformer Additions - Install new substation power transformers and associated equipment at Plaza, La Colina and Riverside Substations. Also includes construction of a 33MVA mobile substation	-	21,470,000	21,470,000
EL-18	System Improvements	Major Transmission Line Projects. Includes rebuild of the Vista - Mountain View and Riverside - RERC 69 kV transmission lines.	-	2,470,000	2,470,000
EL-19	System Improvements	Meter Replacement Program - Purchase and installation of meter equipment for meter replacement program.	-	3,000,000	3,000,000
EL-20	Recurring Projects	Capacitors-Regulators - Purchase of new capacitors/regulators to improve voltage and power factor on feeders in the Orangecrest area.	-	250,000	250,000
EL-21	Recurring Projects	Distribution Line Extensions - Installation/extension of primary overhead and underground distribution lines to serve new residential, commercial and industrial customers.	-	10,000,000	10,000,000
EL-22	Recurring Projects	Lines Rebuilds / Relocate - Replacing of obsolete and deteriorated distribution line equipment, relocation of overhead and underground distribution lines.	-	7,325,000	7,325,000
EL-23	Recurring Projects	Meters - Purchase and installation of meter equipment for new residential, commercial and industrial services.	-	1,750,000	1,750,000
EL-24	Recurring Projects	Services - Installation of new services to residential, commercial and industrial customers and increase in capacity of existing customers, as necessary.	-	1,998,000	1,998,000
EL-25	Recurring Projects	Street Lighting - Installation of street lights. Does not include major street light projects.	-	1,575,000	1,575,000
EL-26	Recurring Projects	System Substation Modifications - General modifications, replacements and improvements of substation equipment and relaying.	-	600,000	600,000
EL-27	Recurring Projects	Transformers - Purchase of distribution transformers for new residential, commercial and industrial customers as well as system upgrade projects.	-	9,200,000	9,200,000
EL-28	Special Projects	Special Project - Facilities Planning	-	10,000,000	10,000,000
		Total Funded Projects	**-**	**180,731,000**	**180,731,000**

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Electric

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Electric Fund (510)	Total
EL-UF-1	Driven by Others	Major OH/UG Conversions - Magnolia Ave./Brockton to the west City limits	-	25,000,000	25,000,000
		Total Unfunded Projects	**-**	**25,000,000**	**25,000,000**

Program Summary

2014/15	2015/16	2016/17	2017/18	2018/19	Total
18,377,000	15,600,000	19,691,000	13,968,000	14,417,000	82,053,000

Introduction

The five-year Capital Improvement Program (CIP) for the water system of $82,053,000 is required to maintain system reliability, secure new water resources, serve new residential and commercial developments, relocate facilities for transportation improvements, and refurbish the water system.

The CIP incorporates portions of the Water Master, Water Supply, Urban Water Management, and Asset Management Plans developed by the Water Division.

As adopted by the City Council on March 28, 2006, a Safe W.A.T.E.R. Rate Plan was implemented consisting of a twelve percent rate increase beginning November 1, 2006, followed by four consecutive ten percent rate increases effective November 1, 2007, 2008, 2009, and 2010. This plan funds the replacements and refurbishments necessary to provide safe, reliable water to Riverside's customers.

The CIP addresses the need to replace and refurbish portions of Riverside's aging water infrastructure from 2014/15 through 2018/19, by including funding to replace existing leaking and/or undersized mains, improve an existing booster station, refurbish wells and booster stations, participate in active and enhanced recharge of the Seven Oaks Dam Conservation Project, and implement an operational data management system.

The Water CIP consists of three main sections: Water System Improvements, Recurring Projects, and Other Projects.

Water System Improvements

Water system improvements totaling $66.1 million include construction of both new and replacement facilities consisting of distribution pipelines, domestic water wells, booster stations, and active and enhanced recharge of the Seven Oaks Dam Conservation Project. Major water system improvement projects in this CIP include:

- Design and construction of various water distribution mains totaling $43.0 million to replace leaking and undersized mains throughout the system (partially funded by a cumulative four percent rate adder).
- Design and construction of a pump station improvement at an estimated cost of $0.6 million.
- An estimated $17.3 million to rehabilitate water facilities, including pumps, wells, canals, security, and site landscape items.
- Participation in implementing active and enhanced groundwater recharge as part of the Seven Oaks Dam Conservation Project for an estimated cost of $5.2 million.

Recurring Projects

Recurring projects totaling $13.6 million include construction and purchase of equipment that occur on a regular basis. These expenditures also include replacement of water supply and distribution facilities. Significant recurring projects include:

- Design and construction of system expansion to serve new customers totaling $5.5 million.
- Water meter replacement program totaling $4.3 million. This program will provide for pro-active replacement of approximately 8,000 small meters and replace/refurbish over 80 large meters per year. Meter replacements will be scheduled based on selection criteria such as age of the meter, and should increase metering accuracy and related revenues.
- Design and construction of distribution system facilities replacement totaling $3.3 million.
- Installation of fire hydrant check valves at various locations throughout the City totaling $0.5 million.
- Other routine expenditures include purchase of water stock.

Other Projects

Other projects totaling $2.4 million include construction and implementation of special projects outside of typical water system improvements, or projects which do not occur on a regular basis. Other projects in this CIP include:

Program Summary

- Implementation of an operational database management system estimated at $1.5 million.
- Implementation of pump station improvements as part of the Energy Management Plan estimated at $0.9 million.

Key Revenues and Funding Sources

The five year Water CIP will be supported by various funding sources. Approximately $57.0 million will be funded from bond proceeds, $21.6 million will be funded from rates and/or reserves, and $3.5 million will be funded from contributions in aid of construction and outside entities.

Future CIP Considerations

Unfunded projects totaled $102.2 million. These are System Improvements, Integrated Water Management Plan (IWMP) and Recycled Water (RW) projects desired by the Utility or by others, and do not have an identified funding source. Because the timing of such projects is uncertain, they are presented as unfunded. Feasibility and need for the project will be key factors used to determine if these projects will supersede an existing project or continue to be deferred until a funding source (e.g. State or Federal grants, partnerships with Western Municipal Water District and/or other water agencies, etc.) can be identified. Approvals for these projects will be requested individually with the funding and Capital Improvement Plan impacts discussed at that time.

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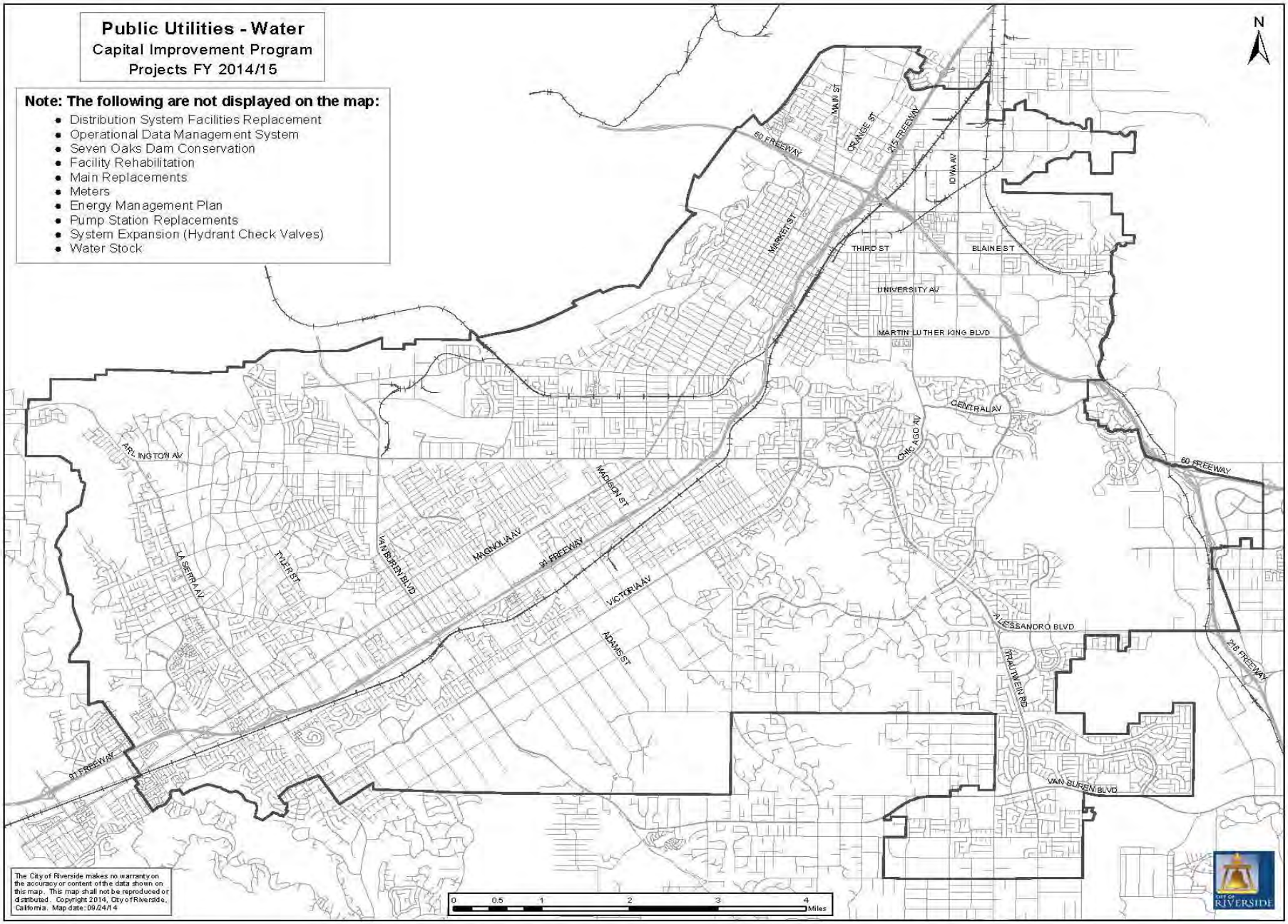
2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Water

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Water Fund (520)	Total
WA-1	System Improvements	Main Replacements	-	8,600,000	8,600,000
WA-2	System Improvements	Pump Station Replacements	-	555,000	555,000
WA-3	System Improvements	Facility Rehabilitation	-	3,805,000	3,805,000
WA-4	System Improvements	Seven Oaks Dam Conservation - Active/Enhanced Recharge		1,200,000	1,200,000
WA-5	Recurring Projects	System Expansion (New Customer Construction)	-	1,100,000	1,100,000
WA-6	Recurring Projects	Meters	-	850,000	850,000
WA-7	Recurring Projects	Water Stock	-	10,000	10,000
WA-8	Recurring Projects	Distribution System Facilities Replacements	-	657,000	657,000
WA-9	Other Projects	Hydrant Check Valves	-	100,000	100,000
WA-10	Other Projects	Operational Data Management System		1,500,000	1,500,000
		Total	**-**	**18,377,000**	**18,377,000**


Public Utilities - Water
Capital Improvement Program
Projects FY 2014/15
Note: The following are not displayed on the map:
Distribution System Facilities Replacement
Operational Data Management System
Seven Oaks Dam Conservation
Facility Rehabilitation
Main Replacements
Meters
Energy Management Plan
Pump Station Replacements
System Expansion (Hydrant Check Valves)
Water Stock
N
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
MARKET ST
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
CENTRAL AV
CHICAGO AV
ARLINGTON AV
MADISON ST
MAGNOLIA AV
91 FREEWAY
VAN BUREN BLVD
LA SIERRA AV
TYLER ST
VICTORIA AV
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN RD
215 FREEWAY
VAN BUREN BLVD
The City of Riverside makes no warranty on the accuracy or content of the data shown on this map. This map shall not be reproduced or distributed. Copyright 2014, City of Riverside, California. Map date: 09/24/14
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE

City of Riverside

Table WA-2

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Water

Capital Improvement Program Summary

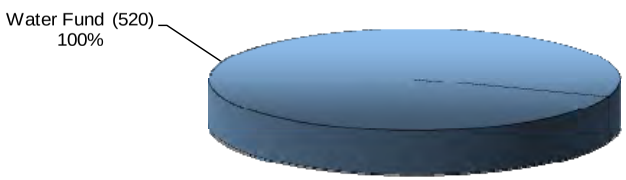
Projected Expenditures by Fund

Fund	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Water Fund (520)	18,377,000	15,600,000	19,691,000	13,968,000	14,417,000	82,053,000	102,236,000
Total	**18,377,000**	**15,600,000**	**19,691,000**	**13,968,000**	**14,417,000**	**82,053,000**	**102,236,000**

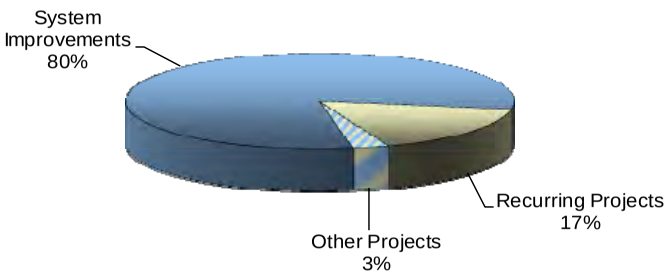
Projected Expenditures by Category

Project Category	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
System Improvements	14,160,000	12,008,000	16,974,000	11,251,000	11,700,000	66,093,000	2,500,000
Recurring Projects	2,717,000	2,717,000	2,717,000	2,717,000	2,717,000	13,585,000	-
Other Projects	1,500,000	875,000	-	-	-	2,375,000	-
Integrated Water Management Plan (IWMP) Projects	-	-	-	-	-	-	59,736,000
Recycled Water (RW) Projects	-	-	-	-	-	-	40,000,000
Total	**18,377,000**	**15,600,000**	**19,691,000**	**13,968,000**	**14,417,000**	**82,053,000**	**102,236,000**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.
NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

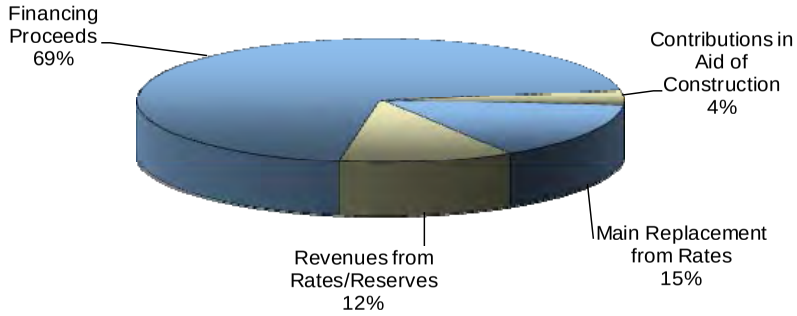
Capital Improvement Program - Public Utilities / Water

Projected Capital Funding Revenue Sources by Fund

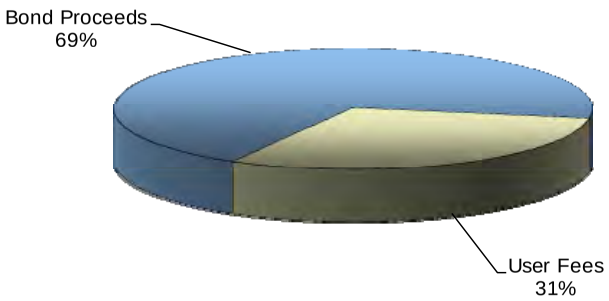
Water Fund (520)

Revenue Type	Revenue Source	2014/15	2015/16	2016/17	2017/18	2018/19	Total
User Fees	Contributions in Aid of Construction	500,000	750,000	750,000	750,000	750,000	3,500,000
User Fees	Main Replacement from Rates (Surcharge)	2,347,000	2,376,000	2,404,000	2,432,000	2,458,000	12,017,000
User Fees	Revenues from Rates/Reserves	3,117,000	1,617,000	1,617,000	1,617,000	1,617,000	9,585,000
Bond Proceeds	Financing Proceeds	12,413,000	10,857,000	14,920,000	9,169,000	9,592,000	56,951,000
	Total Funds Available for Capital Improvements from Revenue	**18,377,000**	**15,600,000**	**19,691,000**	**13,968,000**	**14,417,000**	**82,053,000**

Revenue by Source



Revenue by Type



NOTE: Categories comprising less than 1% are not labeled.

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Water

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2014/15	2015/16	2016/17	2017/18	2018/19
Total Funds Available for Capital Improvements from Revenue - Water Fund (520)	18,377,000	15,600,000	19,691,000	13,968,000	14,417,000
Fund Balance from Prior Year [1]	-	-	-	-	-
Total Funds Available for Capital Improvements	**18,377,000**	**15,600,000**	**19,691,000**	**13,968,000**	**14,417,000**

Project Number	Project Type	Project Description	2014/15	2015/16	2016/17	2017/18	2018/19	Total	Unfunded
	System Improvements								
WA-1	System Improvements	Main Replacements	(8,600,000)	(8,600,000)	(8,600,000)	(8,600,000)	(8,600,000)	(43,000,000)	-
WA-2	System Improvements	Pump Station Replacements	(555,000)	-	-	-	-	(555,000)	-
WA-3	System Improvements	Facility Rehabilitation	(3,805,000)	(3,408,000)	(4,374,000)	(2,651,000)	(3,100,000)	(17,338,000)	-
WA-4	System Improvements	Seven Oaks Dam Conservation - Active/Enhanced Recharge	(1,200,000)	-	(4,000,000)	-	-	(5,200,000)	-
		SubTotal	**(14,160,000)**	**(12,008,000)**	**(16,974,000)**	**(11,251,000)**	**(11,700,000)**	**(66,093,000)**	**-**
	Recurring Projects								
WA-5	Recurring Projects	System Expansion (New Customer Construction)	(1,100,000)	(1,100,000)	(1,100,000)	(1,100,000)	(1,100,000)	(5,500,000)	-
WA-6	Recurring Projects	Meters	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(4,250,000)	-
WA-7	Recurring Projects	Water Stock	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)	-
WA-8	Recurring Projects	Distribution System Facilities Replacements	(657,000)	(657,000)	(657,000)	(657,000)	(657,000)	(3,285,000)	-
WA-9	Recurring Projects	Hydrant Check Valves	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(500,000)	-
		SubTotal	**(2,717,000)**	**(2,717,000)**	**(2,717,000)**	**(2,717,000)**	**(2,717,000)**	**(13,585,000)**	**-**
	Other Projects								
WA-10	Other Projects	Operational Data Management System	(1,500,000)	-	-	-	-	(1,500,000)	-
WA-11	Other Projects	Energy Management Plan - Pump Station Improvements Impl.	-	(875,000)	-	-	-	(875,000)	
		SubTotal	**(1,500,000)**	**(875,000)**	**-**	**-**	**-**	**(2,375,000)**	**-**
	Unfunded Projects								
WA-UF-1	IWMP Project	San Bernardino Supply Line Conversion & Upsizing	-	-	-	-	-	-	3,735,000
WA-UF-2	IWMP Project	UCR - School of Medicine Transmission Mains / New Emtman	-	-	-	-	-	-	12,255,000
WA-UF-3	System Improvements	Gage Transmission Mains Crossing at the Santa Ana River	-	-	-	-	-	-	2,500,000
WA-UF-4	IWMP Project	Crosstown Feeder Upsizing (Lower Reach)	-	-	-	-	-	-	19,365,000
WA-UF-5	IWMP Project	Crosstown Feeder Upsizing (Upper Reach)	-	-	-	-	-	-	400,000
WA-UF-6	IWMP Project	Cook 1 Reservoir Transmission Mains	-	-	-	-	-	-	2,000,000
WA-UF-7	IWMP Project	Arlington Booster Discharge Upsizing	-	-	-	-	-	-	75,000
WA-UF-8	IWMP Project	Mt. Vernon Booster Expansion	-	-	-	-	-	-	120,000
WA-UF-9	IWMP Project	Gratton Booster Expansion	-	-	-	-	-	-	570,000
WA-UF-10	IWMP Project	Misc. Potable Pump Station Replacements	-	-	-	-	-	-	6,500,000
WA-UF-11	IWMP Project	Misc. Non-Potable Pump Station Replacements	-	-	-	-	-	-	150,000
WA-UF-12	IWMP Project	Madison Pressure Reducing Valve Upsizing	-	-	-	-	-	-	225,000
WA-UF-13	IWMP Project	Emtman Low Discharge Upsizing	-	-	-	-	-	-	960,000
WA-UF-14	IWMP Project	Oleander Improvements	-	-	-	-	-	-	240,000
WA-UF-15	IWMP Project	Facility Rehab (Additional Expenditure per IWMP)	-	-	-	-	-	-	1,141,000
WA-UF-16	IWMP Project	New Wells (IWMP)	-	-	-	-	-	-	7,500,000
WA-UF-17	IWMP Project	Wellhead Treatment	-	-	-	-	-	-	4,500,000
WA-UF-18	RW	Recycled Water (Phase 1)	-	-	-	-	-	-	40,000,000
		SubTotal	**-**	**-**	**-**	**-**	**-**	**-**	**102,236,000**
		Total	**(18,377,000)**	**(15,600,000)**	**(19,691,000)**	**(13,968,000)**	**(14,417,000)**	**(82,053,000)**	**102,236,000**
		Unbudgeted Balance	**-**	**-**	**-**	**-**	**-**		

[1] The Public Utilities / Water CIP is not funded from any funding sources that retain a year-end balance. Projected expenditures are equal to projected appropriations.

Table WA-5

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Water

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Water Fund (520)	Total
WA-1	System Improvements	Main Replacements - Design and construct water main replacements throughout the distribution system.	-	43,000,000	43,000,000
WA-2	System Improvements	Pump Station Replacements - Design and construct pump station replacements throughout the distribution system.	-	555,000	555,000
WA-3	System Improvements	Facility Rehabilitation - Design, purchase and construct pump, well, building, security and site landscaping items necessary to rehabilitate water facilities.	-	17,338,000	17,338,000
WA-4	System Improvements	Seven Oaks Dam Conservation (Active and Enhanced Recharge) - Implementation of the active and enhanced groundwater recharge project to augment existing groundwater supplies.	-	5,200,000	5,200,000
WA-5	Recurring Projects	System Expansion (New Customer Construction) - Construct water distribution facilities to serve new customers.	-	5,500,000	5,500,000
WA-6	Recurring Projects	Meters - Purchase meters for new customers and replacement meters.	-	4,250,000	4,250,000
WA-7	Recurring Projects	Water Stock - Purchase water stock for water rights acquisition.	-	50,000	50,000
WA-8	Recurring Projects	Distribution System Facilities Replacements - Replace meters, services, fire hydrants booster pumps, valves, etc.	-	3,285,000	3,285,000
WA-9	Recurring Projects	Hydrant Check Valves - Procurement and installation of hydrant check valves at critical locations within the City	-	500,000	500,000
WA-10	Other Projects	Operational Data Management System	-	1,500,000	1,500,000
WA-11	Other Projects	Energy Management Plan - Pump Station Improvements Impl.	-	875,000	875,000
		Total Funded Projects	**-**	**82,053,000**	**82,053,000**

2014/15 to 2018/19

Capital Improvement Program - Public Utilities / Water

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Water Fund (520)	Total
WA-UF-1	IWMP Project	San Bernardino Supply Line Conversion & Upsizing	-	3,735,000	3,735,000
WA-UF-2	IWMP Project	UCR - School of Medicine Transmission Mains / New Emtman	-	12,255,000	12,255,000
WA-UF-3	System Improvements	Gage Transmission Mains Crossing at the Santa Ana River	-	2,500,000	2,500,000
WA-UF-4	IWMP Project	Crosstown Feeder Upsizing (Lower Reach)	-	19,365,000	19,365,000
WA-UF-5	IWMP Project	Crosstown Feeder Upsizing (Upper Reach)	-	400,000	400,000
WA-UF-6	IWMP Project	Cook 1 Reservoir Transmission Mains	-	2,000,000	2,000,000
WA-UF-7	IWMP Project	Arlington Booster Discharge Upsizing	-	75,000	75,000
WA-UF-8	IWMP Project	Mt. Vernon Booster Expansion	-	120,000	120,000
WA-UF-9	IWMP Project	Gratton Booster Expansion	-	570,000	570,000
WA-UF-10	IWMP Project	Misc. Potable Pump Station Replacements	-	6,500,000	6,500,000
WA-UF-11	IWMP Project	Misc. Non-Potable Pump Station Replacements	-	150,000	150,000
WA-UF-12	IWMP Project	Madison Pressure Reducing Valve Upsizing	-	225,000	225,000
WA-UF-13	IWMP Project	Emtman Low Discharge Upsizing	-	960,000	960,000
WA-UF-14	IWMP Project	Oleander Improvements	-	240,000	240,000
WA-UF-15	IWMP Project	Facility Rehab (Additional Expenditure per IWMP)	-	1,141,000	1,141,000
WA-UF-16	IWMP Project	New Wells (IWMP)	-	7,500,000	7,500,000
WA-UF-17	IWMP Project	Wellhead Treatment	-	4,500,000	4,500,000
WA-UF-18	RW Project	Recycled Water (Phase 1)	-	40,000,000	40,000,000
		Total Unfunded Projects	**-**	**102,236,000**	**102,236,000**

Glossary

Appropriation – A City Council authorization to permit the City to incur obligations to make expenditures for specific purposes.

Assessed Valuation – A value that is established by the County of Riverside for real and personal property for use as a basis for levying property taxes.

Bond – A long-term "IOU" or promise to pay a sum of money on a specific date, at a specific interest rate. The most common types of bonds are: general obligation, revenue, and special improvement district bonds.

Bond Refinancing – The payoff and re-issuance of bonds to obtain lower interest rates and/or more favorable terms.

Capital Improvements – Construction or major repair of municipal buildings and facilities, such as City Hall, libraries, parks, recreational facilities, the museum, storm drains, the airport, streets, the sewer system, electric and water utilities, etc.

Capital Improvement Program (CIP) – A multi-year financial plan in which needed improvements to the City's facilities and infrastructure are identified, priced, and prioritized.

Capital Project – Major construction, acquisition, or renovation activities that add value to the City's physical assets or significantly increase asset functionality.

Certificates of Participation – lease financing agreements in the form of tax exempt securities similar to bonds.

Debt Service – The cost of paying principal and interest on borrowed money according to a predetermined schedule.

Department – An organizational unit comprised of programs or divisions, such as Human Resources, Police, or Public Works.

Expenditure – The cost for personnel, materials, equipment, and contractual obligations required for a department to operate or for a capital program to be completed.

Fee – A general term used for any charge levied by the City for providing a service or permitting an activity.

Fiscal Year – A 12-month period of time designated for accounting and budgeting purposes (July 1 through June 30 for the City of Riverside).

Fixed Assets – Resources owned by the City which are intended for long-term use, such as land, buildings, and machinery.

Fund – An accounting entity with a self-balancing set of accounts recording financial resources and transactions for specific activities.

General Fund – Used to account for all financial resources except those required to be accounted for in another fund.

General Obligation Bond – A bond backed by the full faith, credit, and taxing power of the City.

Infrastructure – The physical assets of a City (e.g., streets, water, sewer, public buildings, and parks).

Operating Budget – That portion of the budget which deals with recurring expenditures, such as salaries, utilities, postage, printing, and fuels.

Restricted Non-City Funds – Restricted Non-City Funds are funds requested from non-City sources that have not yet been guaranteed. These funds are project-specific and must be utilized for the project for which they are designated.

Glossary

Revenue Bonds – A bond backed by revenues generated from the project(s) to be constructed.

Riverside County Transportation Commission (RCTC) – RCTC is the regional planning organization responsible for the distribution of Federal, State, and Local transportation funds.

Unfunded Capital Projects – Projects for which funding is currently unavailable.