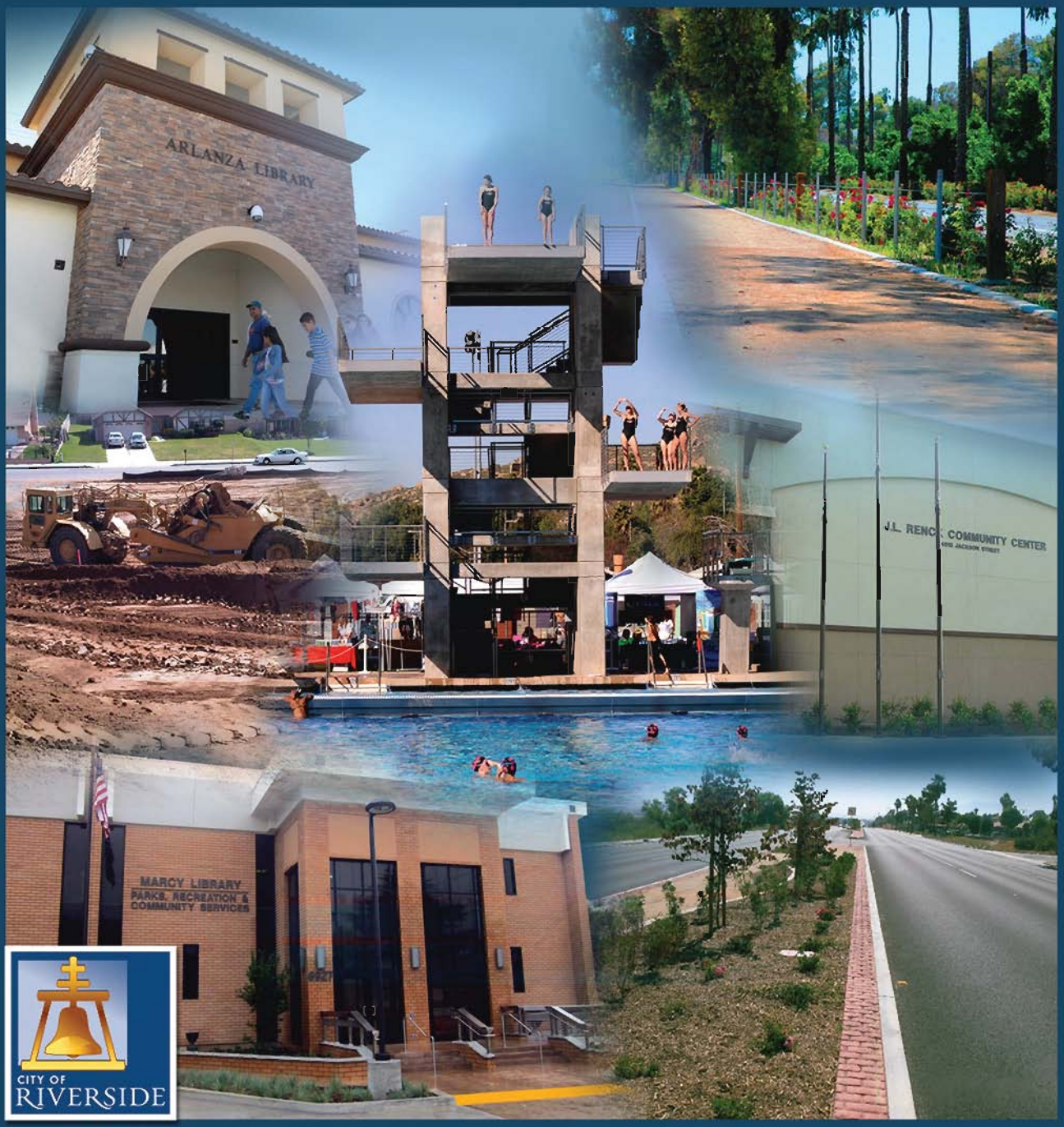
Capital Improvement Program

2011/12 - 2015/16

SEIZING OUR DESTINY • The Agenda for Riverside's Innovative Future

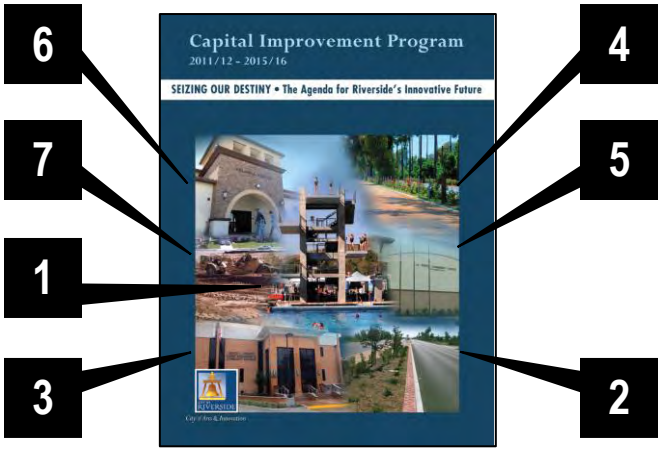


CITY OF RIVERSIDE

City of Arts & Innovation

This document is printed on recycled paper.

Cover Photos



1. **Riverside Aquatics Complex, Ward 1** – A joint use facility in partnership with the Riverside Community College District located on the Riverside City College campus, which includes an Olympic-sized competition pool, 1-10 meter diving boards, seating for 800, locker room and restroom facilities, scoreboard, nighttime lighting, and additional pools for training and other events.
2. **Alessandro Boulevard Median Improvements and Widening, Wards 2 and 4** – Installation of landscaping and smart irrigation systems in the medians along Alessandro Boulevard between Mission Grove Parkway and Sycamore Canyon Boulevard, in concert with a widening of the street from four to six lanes funded by the Metropolitan Water District as part of a pipeline project in the street right of way.
3. **Marcy Library and Parks, Recreation, and Community Services Department Headquarters, Ward 3** – Relocation of the Marcy Library branch to a new, larger facility. The second floor of the facility is the new Parks, Recreation, and Community Services Department headquarters.
4. **Victoria Avenue Improvements, Wards 4 and 5** – Restoration of existing landscaping and installation of new, enhanced landscaping along the length of Victoria Avenue including miniature roses, trees, and other plants, as well as irrigation enhancements, bike route repairs, and improvements to and installation of walking paths.
5. **J. L. Renck Community Center, Ward 5** – Replacement of the existing community center in Hunt Park with a new, expanded facility with the addition of a gymnasium and additional parking.
6. **Arlanza Library, Ward 6** – A new 8,000 square foot branch library in the Arlanza community to provide enhanced access to technology, literacy instruction, and youth services.
7. **Doty/Trust Park, Ward 7** – A new neighborhood park with approximately 7 acres of open space and 15 developed acres featuring children's playgrounds, a turf meadow, picnic shelters, a jogging path, and play areas.

City of Riverside

Capital Improvement Program

2011/12 - 2015/16

Mayor
Honorable Ronald O. Loveridge

City Council
Mike Gardner
Andy Melendrez
Rusty Bailey
Paul Davis
Chris Mac Arthur
Nancy Hart
Steve Adams

Submitted to the City Council by:
Bradley J. Hudson
City Manager

This Page Intentionally Left Blank

City of Riverside

2011/12 to 2015/16
Capital Improvement Program

Table of Contents

City Manager's Transmittal Letter I
Guide to the Capital Improvement Program 1-6
Capital Improvement Program Summary 7-18
Municipal Buildings and Facilities 19-26
Parks, Recreation, and Community Services 27-36
Transportation 37-50
Grade Separations 51-58
Sewer 59-68
Storm Drain 69-76
Refuse 77-84
Public Parking 85-92
Airport 93-100
Electric 101-112
Water 113-122
Glossary 123-124

This Page Intentionally Left Blank

City Manager's Transmittal Letter

Office of the
City Manager
Finance

CITY OF RIVERSIDE

June 21, 2011

Honorable Mayor and City Council,

I am pleased to present to you the $832 million Capital Improvement Program (CIP) for fiscal years 2011/12 through 2015/16. Although the CIP is a planning document and does not directly appropriate funds, the fiscal year 2011/12 projects listed in the CIP are incorporated into the City's 2011/12 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 as the Renaissance Initiative concludes 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, $107 million has been programmed for Transportation and Grade Separation projects; $9 million for Municipal Buildings and Facilities, such as library, police, and fire facilities; $25 million for Parks, Recreation, and Community Services projects; and $668 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, creation of new redevelopment project areas, 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 and the Riverside Renaissance Initiative, Riverside is strengthening its position as the Inland Empire's "Premier City."

Respectfully submitted,

Bradley J. Hudson
City Manager

3900 Main Street • Riverside, CA 92522 • 951.826.5884 • fax 951.826.5683 • www.riversideca.gov

This Page Intentionally Left Blank

City of Riverside

2011/12 to 2015/16
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 City Manager's Office 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 Division of the City Manager's Office, individual departments are responsible for fully developing their individual Capital Improvement Programs. This is

Guide to the Capital Improvement Program

accomplished by identifying needs, 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 City Manager's Office.

The City Manager's Office evaluates the individual Capital Improvement Programs for consistency with the Citywide Strategic Plan, the General Plan, citizen input, and the Visioning Report. The City Manager's Office 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
CIP Kickoff	Early Dec.					
Departments Prepare CIPs	December - February					
Departments Submit CIPs			Late Feb.			
City Manager Reviews Department CIPs and Assembles Citywide CIP				March		
Council Reviews Preliminary Operating & Capital Budget					Late April	
Council Reviews Final Operating & Capital Budget and Holds Public Hearings						Early May
Council Adopts Final Operating & Capital Budget						Mid May

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 ten program sections in the Capital Improvement Program. They are:

- Municipal Buildings and Facilities
- Parks, Recreation, and Community Services
- Transportation
- Grade Separations
- Sewer
- Storm Drain
- Refuse
- 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

Guide to the Capital Improvement Program

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.

Grade Separations
The Grade Separations 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.

Refuse
The Refuse program includes projects to meet the State mandate that the closed Tequesquite landfill not pollute the nearby Santa Ana River and adjacent groundwater.

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.

Guide to the Capital Improvement Program

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 & Grade Separations

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
- 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

Refuse

Expenditures for the maintenance of the City's closed landfill are budgeted in the Refuse Collection Fund (540), which is an enterprise fund. No refuse-related capital expenditures are planned. Revenue sources for maintenance of the landfill include:

- Landfill Capping Surcharge – fee assessed to users of City commercial refuse disposal services

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

Guide to the Capital Improvement Program

- 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:

- 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 $832,220,154. For FY 2011/12, capital improvement projects totaling $208,978,529 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 $832 million five-year funded CIP, unfunded capital project needs currently total $540 million. The unfunded projects are included in the Water, Transportation, Grade Separation, Parks, Recreation, & Community Services, Municipal Buildings & Facilities, and Storm Drain 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 Grade Separation expenditures in the funded CIP are considerable. However, the current needs still outweigh available resources and $198 million is still unfunded. The unfunded or partially unfunded transportation projects include four significant street widening projects, two major median construction projects, and four grade separations. 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 2011/12 – 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.

This Page Intentionally Left Blank

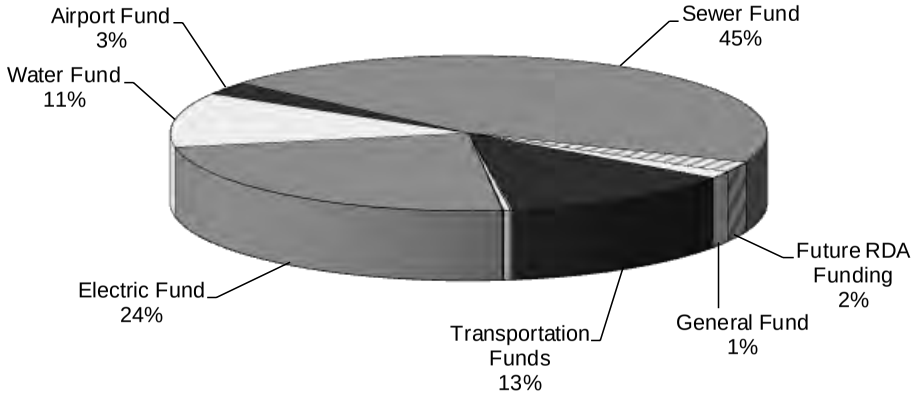
2011/12 to 2015/16

Capital Improvement Program

Capital Improvement Program Summary by Fund

Fund	Fund Description	2011/12	2012/13	2013/14	2014/15	2015/16	Total
101	General Fund	819,194	3,136,767	2,612,443	2,713,688	2,781,057	12,063,149
Various	Transportation Funds	70,885,000	9,485,000	9,235,000	10,085,000	7,235,000	106,925,000
410	Storm Drain Fund	650,000	150,000	150,000	150,000	150,000	1,250,000
411	Local Park Fund	500,000	600,000	600,000	600,000	600,000	2,900,000
413	Regional Park Fund	670,000	-	-	-	-	670,000
510	Electric Fund	46,761,500	45,636,000	39,161,000	33,159,000	33,794,000	198,511,500
520	Water Fund	26,088,500	27,377,000	13,560,000	14,353,000	13,513,000	94,891,500
530	Airport Fund	7,525,000	4,561,000	2,325,000	3,125,000	5,125,000	22,661,000
540	Refuse Collection Fund	50,000	50,000	-	-	-	100,000
550	Sewer Fund	54,729,335	152,479,335	96,139,335	30,300,000	39,800,000	373,448,005
570	Public Parking Fund	300,000	-	-	-	-	300,000
	Future RDA Funding [1]	-	18,500,000	-	-	-	18,500,000
	Total	**208,978,529**	**261,975,102**	**163,782,778**	**94,485,688**	**102,998,057**	**832,220,154**

Expenditures by Fund



[1] Future RDA Funding includes proceeds from the future issuance of Tax Allocation Bonds by the Redevelopment Agency.

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

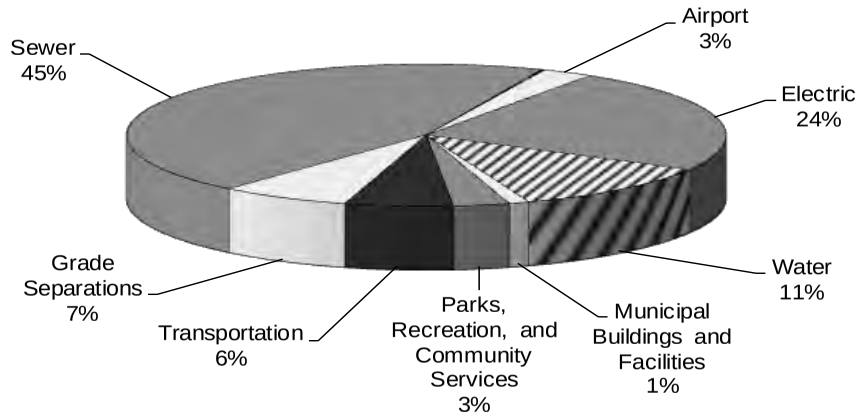
2011/12 to 2015/16

Capital Improvement Program

Capital Improvement Program Summary by Program Section and Project Type

CIP Program Section	2011/12	2012/13	2013/14	2014/15	2015/16	Total
Municipal Buildings and Facilities	440,000	2,616,000	2,000,000	2,040,000	2,040,000	9,136,000
Parks, Recreation, and Community Services	1,549,194	19,656,767	1,212,443	1,273,688	1,341,057	25,033,149
Transportation	12,385,000	9,485,000	9,235,000	10,085,000	7,235,000	48,425,000
Grade Separations	58,500,000	-	-	-	-	58,500,000
Sewer	54,729,335	152,479,335	96,139,335	30,300,000	39,800,000	373,448,005
Storm Drain	650,000	150,000	150,000	150,000	150,000	1,250,000
Refuse	50,000	50,000	-	-	-	100,000
Public Parking	300,000	-	-	-	-	300,000
Airport	7,525,000	4,525,000	2,325,000	3,125,000	5,125,000	22,625,000
Electric	46,761,500	45,636,000	39,161,000	33,159,000	33,794,000	198,511,500
Water	26,088,500	27,377,000	13,560,000	14,353,000	13,513,000	94,891,500
Total	**208,978,529**	**261,975,102**	**163,782,778**	**94,485,688**	**102,998,057**	**832,220,154**

Expenditures by Section



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

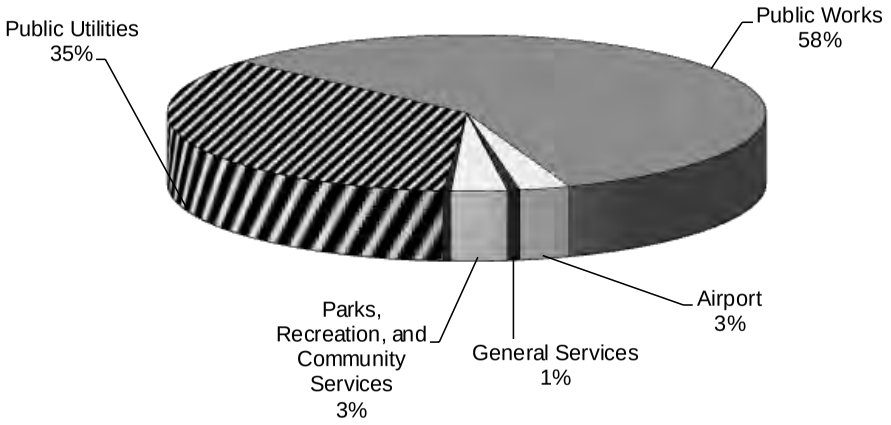
2011/12 to 2015/16

Capital Improvement Program

Capital Improvement Program Summary by Department

Department	2011/12	2012/13	2013/14	2014/15	2015/16	Total
Airport	7,525,000	4,561,000	2,325,000	3,125,000	5,125,000	22,661,000
General Services [1]	440,000	720,000	890,000	1,140,000	1,140,000	4,330,000
Library	-	250,000	250,000	250,000	250,000	1,000,000
Museum	-	50,000	50,000	50,000	50,000	200,000
Parks, Recreation, and Community Services	1,549,194	19,656,767	1,212,443	1,273,688	1,341,057	25,033,149
Public Safety (Police / Fire)	-	1,560,000	810,000	600,000	600,000	3,570,000
Public Utilities	72,850,000	73,013,000	52,721,000	47,512,000	47,307,000	293,403,000
Public Works	126,614,335	162,164,335	105,524,335	40,535,000	47,185,000	482,023,005
Total	**208,978,529**	**261,975,102**	**163,782,778**	**94,485,688**	**102,998,057**	**832,220,154**

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

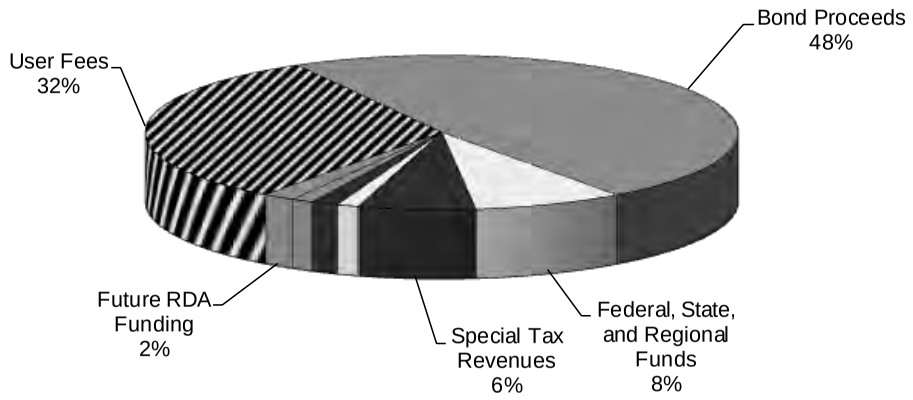
2011/12 to 2015/16

Capital Improvement Program

Capital Improvement Program Summary by Revenue Source

Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
Future RDA Funding	-	18,500,000	-	-	-	18,500,000
User Fees	55,026,564	62,395,239	68,417,035	72,864,106	74,806,313	333,509,257
Bond Proceeds	64,473,000	319,499,474	44,160,000	38,502,000	38,075,000	504,709,474
Federal, State, and Regional Funds	64,503,125	11,048,875	2,239,625	3,018,625	4,966,125	85,776,375
Special Tax Revenues	13,327,860	12,938,750	13,046,223	13,155,918	13,267,838	65,736,589
Private Funds	1,300,000	-	-	-	-	1,300,000
User Fines	2,365,000	2,412,300	2,412,300	2,412,300	2,532,915	12,134,815
Interest	3,200,272	4,896,451	3,096,451	2,316,451	1,924,451	15,434,076
Other [1]	819,194	3,172,767	2,612,443	2,713,688	2,781,057	12,099,149
Total	**205,015,015**	**434,863,856**	**135,984,077**	**134,983,088**	**138,353,699**	**1,049,199,735**
Less: Amounts Not Available for Current CIP [2]						(216,979,581)
Adjusted Total						**832,220,154**

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

This Page Intentionally Left Blank

2011/12 to 2015/16

Capital Improvement Program

Budgeted Projects Summary for 2011/12

Project Number	Project Type	Project Description	Riverside Renaissance Funding	General Fund (101)	Other City Funds	Restricted Non-City Funds	Total
	Municipal Buildings and Facilities						
MB-6	General Services	Fuel Island Canopy	-	200,000	-	-	200,000
MB-20	Recurring Projects	HVAC Replacement at Various City Facilities	-	15,000	-	-	15,000
MB-21	Recurring Projects	Miscellaneous Improvements at City Facilities	-	100,000	-	-	100,000
MB-22	Recurring Projects	Riverside Convention Center Facility Refurbishment	-	50,000	-	-	50,000
MB-23	Recurring Projects	Riverside Convention Center Minor Facility Repairs	-	50,000	-	-	50,000
MB-24	Recurring Projects	Riverside Municipal Auditorium Facility Upgrades and Refurbishment	-	25,000	-	-	25,000
		SubTotal	**-**	**440,000**	**-**	**-**	**440,000**
	Parks, Recreation, and Community Services						
PR-2	Local Parks	Trails	-	-	500,000	-	500,000
PR-3	Regional Parks	Martha McLean-Anza Narrows	-	-	670,000	-	670,000
PR-6	Recurring Projects	Park Refurbishment	-	224,922	-	-	224,922
PR-7	Recurring Projects	Recreation Center Rehabilitation	-	154,272	-	-	154,272
		SubTotal	**-**	**379,194**	**1,170,000**	**-**	**1,549,194**
	Transportation						
TR-2	Street Construction	Main Street Reconstruction - SR 60 to 1st Street	-	-	2,500,000	-	2,500,000
TR-3	Street Construction	Palmyrita - Iowa to Northgate	-	-	550,000	-	550,000
TR-4	Street Construction	Van Buren Widening, Garfield to Jackson	-	-	1,400,000	-	1,400,000
TR-5	Street Construction	Van Buren Widening, Jurupa to Santa Ana River Bridge	-	-	1,200,000	-	1,200,000
TR-6	Street Maintenance	Curb and Gutter Repair	-	-	100,000	-	100,000
TR-7	Street Maintenance	Major Streets Rehabilitation	-	-	1,400,000	-	1,400,000
TR-8	Street Maintenance	Minor Streets Rehabilitation	-	-	3,000,000	-	3,000,000
TR-9	Street Maintenance	Miscellaneous Street Construction	-	-	500,000	-	500,000
TR-10	Street Maintenance	Sidewalk / Trail Construction at Various Locations	-	-	300,000	-	300,000
TR-11	Street Maintenance	Sidewalk Repair	-	-	300,000	-	300,000
TR-12	Street Maintenance	Wheelchair Ramps	-	-	600,000	-	600,000
TR-13	New Signals	Traffic Signals (Prioritized Locations)	-	-	200,000	-	200,000
TR-15	Signal Interconnections	Traffic Management Center	-	-	50,000	-	50,000
TR-16	Signal Interconnections	Arterial Interconnect Project	-	-	100,000	-	100,000
TR-17	Signal Maintenance	Controller Assembly Replacement	-	-	40,000	-	40,000
TR-18	Signal Maintenance	Spread Spectrum Radio Replacement	-	-	10,000	-	10,000
TR-19	Signal Maintenance	Traffic Signal Loop Replacement	-	-	35,000	-	35,000
TR-20	Signal Modifications	Misc. Signal Revisions	-	-	100,000	-	100,000
		SubTotal	**-**	**-**	**12,385,000**	**-**	**12,385,000**
	Grade Separations						
GS-1	Rail Projects	BNSF Quiet Zone	-	-	-	14,700,000	14,700,000
GS-2	Rail Projects	Iowa Avenue/BNSF Grade Separation	-	-	-	13,000,000	13,000,000
GS-4	Rail Projects	Riverside Avenue/UPRR Grade Separation	-	-	-	15,300,000	15,300,000
GS-5	Rail Projects	Streeter Avenue/UPRR Grade Separation	-	-	-	15,500,000	15,500,000
		SubTotal	**-**	**-**	**-**	**58,500,000**	**58,500,000**
	Sewer						
SW-1	Compliance with Regs.	Hidden Valley Wetlands Maintenance/Improvements	-	-	100,000	-	100,000
SW-2	Plant Capacity/Repl.	Facility System and Equipment Upgrade/Replacement	-	-	250,000	-	250,000
SW-5	Plant Capacity/Repl.	SCADA System Upgrade	-	-	50,000	-	50,000
SW-7	Plant Capacity/Repl.	WQCP Phase I Plant Expansion	-	-	35,229,335	-	35,229,335
SW-14	Sewer Projects	Miscellaneous Sewer Construction	-	-	200,000	-	200,000
SW-15	Sewer Projects	Miscellaneous Lift Station Equipment and Control Upgrades/Replacements	-	-	100,000	-	100,000
SW-16	Sewer Projects	Sewage Pump/Lift Station Upgrades	-	-	1,200,000	-	1,200,000
SW-17	Sewer Projects	Collection System Upgrades - Reduce High Frequency Maintenance	-	-	500,000	-	500,000
SW-18	Sewer Projects	Collection System Replacement - Maintenance	-	-	5,000,000	-	5,000,000
SW-19	Sewer Projects	Collection System Capacity Improvements	-	-	5,500,000	-	5,500,000
SW-20	Sewer Projects	Van Buren Blvd. Trunk Sewer Replacement - Jackson St. to Challen Ave.	-	-	6,200,000	-	6,200,000
SW-21	Sewer Projects	Monroe St from 540' N. of Diana St to Indiana Ave	-	-	400,000	-	400,000
		SubTotal	**-**	**-**	**54,729,335**	**-**	**54,729,335**
	Storm Drain						
SD-1	Construction	Complete Hole Lake Channel	-	-	500,000	-	500,000
SD-2	Recurring Projects	Miscellaneous Storm Drain Construction	-	-	150,000	-	150,000
		SubTotal	**-**	**-**	**650,000**	**-**	**650,000**
	Refuse						
RF-1	Compliance with Regs	Landfill Equipment Upgrade/Replacement	-	-	50,000	-	50,000
		SubTotal	**-**	**-**	**50,000**	**-**	**50,000**
	Public Parking						
PA-1	Garage Equipment	Revenue Equipment for Garages	-	-	300,000	-	300,000
		SubTotal	**-**	**-**	**300,000**	**-**	**300,000**
	Airport						
AP-1	Construction	Grading for North Parallel Taxiway & Runway 9/27 RSA	-	-	4,000,000	-	4,000,000
AP-2	Construction	Relocate Southern California Gas Line	-	-	800,000	-	800,000
AP-3	Development	Land Acquisition 13.34 acres for Runway 9 RPZ	-	-	2,700,000	-	2,700,000
AP-14	Recurring Projects	Annual Pavement Preservation	-	-	25,000	-	25,000
		SubTotal	**-**	**-**	**7,525,000**	**-**	**7,525,000**

Project Number	Project Type	Project Description	Riverside Renaissance Funding	General Fund (101)	Other City Funds	Restricted Non-City Funds	Total
	Electric						
EL-1	Driven by Others	Engineering/Pre-Design	-	-	252,000	-	252,000
EL-2	Driven by Others	Major OH/UG Conversions	-	-	1,688,000	-	1,688,000
EL-3	Driven by Others	Major Street Light Projects	-	-	360,000	-	360,000
EL-4	Driven by Others	Neighborhood Street Light Retrofit (Riverside Renaissance)	-	-	225,000	-	225,000
EL-5	Driven by Others	CalTrans HOV- Non-Reimbursable	-	-	100,000	-	100,000
EL-6	Other Projects	New Customer Service Billing System	-	-	2,000,000	-	2,000,000
EL-7	Power Resources	CAISO/Resource Optimization Studies (Load Mgmt)	-	-	100,000	-	100,000
EL-8	Power Resources	San Onofre	-	-	4,471,000	-	4,471,000
EL-9	Generation	Renewables	-	-	100,000	-	100,000
EL-10	System Improvements	Engineering/Pre-Design	-	-	1,999,000	-	1,999,000
EL-11	System Improvements	Cable Replacement	-	-	1,414,000	-	1,414,000
EL-12	System Improvements	City-wide Communications	-	-	916,000	-	916,000
EL-13	System Improvements	GO 165 Upgrades /Line Rebuilds / Relocate	-	-	1,134,000	-	1,134,000
EL-14	System Improvements	Major 4-12 kV Conversion	-	-	356,000	-	356,000
EL-15	System Improvements	Major Feeders	-	-	1,633,000	-	1,633,000
EL-16	System Improvements	Major Tract Distribution	-	-	379,000	-	379,000
EL-17	System Improvements	SCADA	-	-	1,496,000	-	1,496,000
EL-18	System Improvements	SCE Condemnation Costs	-	-	195,000	-	195,000
EL-19	System Improvements	Substation Bus & Upgrades	-	-	4,022,000	-	4,022,000
EL-20	System Improvements	Substation Transformer Addition	-	-	4,053,000	-	4,053,000
EL-21	System Improvements	Major Transmission Line Projects	-	-	233,000	-	233,000
EL-22	Recurring Projects	Engineering/Pre-Design	-	-	1,393,000	-	1,393,000
EL-23	Recurring Projects	Capacitors-Regulators	-	-	50,000	-	50,000
EL-24	Recurring Projects	Distribution Line Extensions	-	-	2,904,000	-	2,904,000
EL-25	Recurring Projects	Lines Rebuilds / Relocate	-	-	1,499,000	-	1,499,000
EL-26	Recurring Projects	Meters	-	-	337,000	-	337,000
EL-27	Recurring Projects	Services	-	-	315,000	-	315,000
EL-28	Recurring Projects	Street Lighting	-	-	253,000	-	253,000
EL-29	Recurring Projects	System Substation Modifications	-	-	35,000	-	35,000
EL-30	Recurring Projects	Transformers	-	-	2,000,000	-	2,000,000
EL-31	Special Projects	Special Project - Major OH/UG Conversions (Riverside Renaissance - PW)	-	-	3,100,000	-	3,100,000
EL-32	Special Projects	Special Project - Major Street Light Projects (Riverside Renaissance - PW)	-	-	140,000	-	140,000
EL-33	Special Projects	Special Project - Neighborhood Street Light Retrofit (Riverside Renaissance)	-	-	1,350,000	-	1,350,000
EL-34	Special Projects	Special Project - SCE Condemnation Costs	-	-	1,000,000	-	1,000,000
EL-35	Special Projects	Special Project - Property Acquisition	-	-	2,000,000	-	2,000,000
EL-36	Special Projects	Special Project - Smart Grid	-	-	3,259,500	-	3,259,500
		SubTotal	**-**	**-**	**46,761,500**	**-**	**46,761,500**
	Water						
WA-1	System Improvements	Facility Pre-Engineering & Design	-	-	500,000	-	500,000
WA-2	System Improvements	Facility Rehabilitation	-	-	3,031,500	-	3,031,500
WA-3	System Improvements	Main Replacements	-	-	8,600,000	-	8,600,000
WA-4	System Improvements	Seven Oaks Dam Conservation	-	-	4,000,000	-	4,000,000
WA-7	Recurring Projects	Distribution System Facilities Replacements	-	-	657,000	-	657,000
WA-8	Recurring Projects	Meters	-	-	850,000	-	850,000
WA-9	Recurring Projects	System Expansion (New Customer Construction)	-	-	1,100,000	-	1,100,000
WA-10	Recurring Projects	Water Stock	-	-	10,000	-	10,000
WA-11	Recurring Projects	Hydrant Check Valves	-	-	100,000	-	100,000
WA-12	Other Projects	Street Improvements	-	-	7,240,000	-	7,240,000
		SubTotal	**-**	**-**	**26,088,500**	**-**	**26,088,500**
		Total	**-**	**819,194**	**149,659,335**	**58,500,000**	**208,978,529**

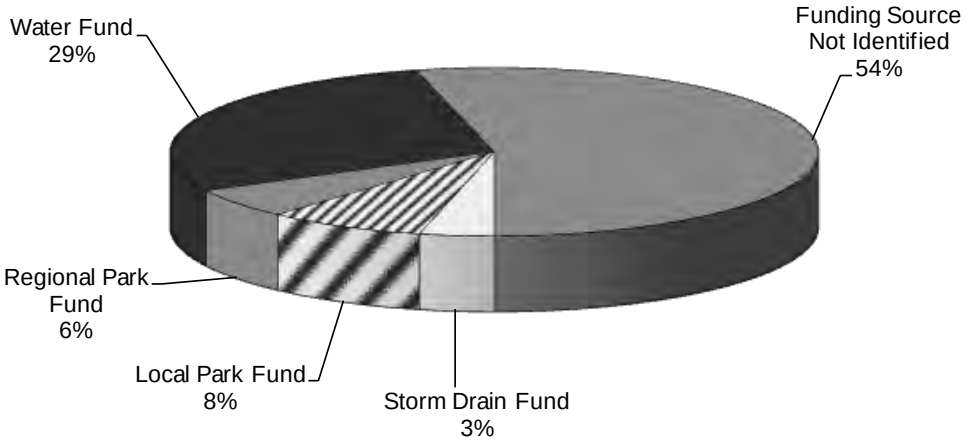
2011/12 to 2015/16

Capital Improvement Program

Summary of Unfunded Projects by Fund

Fund	Fund Description	Total
410	Storm Drain Fund	20,000,000
411	Local Park Fund	42,545,000
413	Regional Park Fund	31,050,000
510	Electric Fund	-
520	Water Fund	155,251,000
	Funding Source Not Identified [1]	291,052,445
	Total	**539,898,445**

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

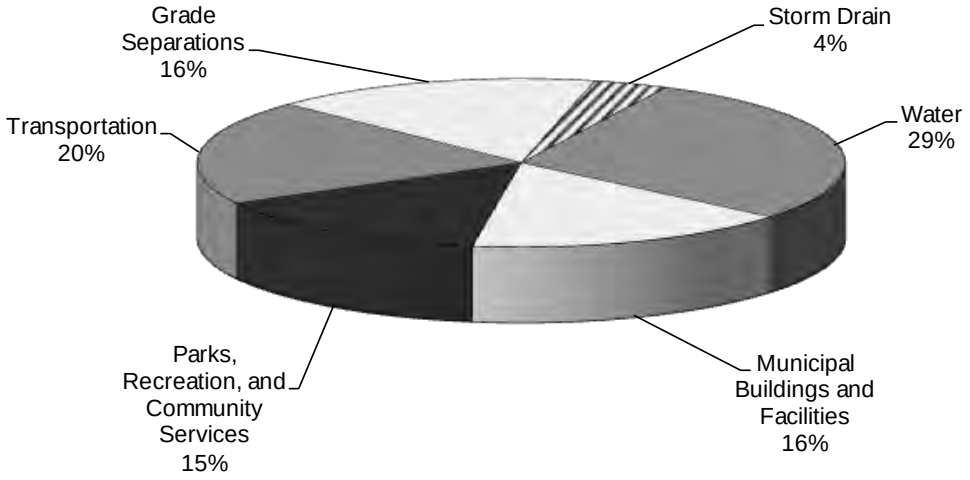
2011/12 to 2015/16

Capital Improvement Program

Summary of Unfunded Projects by Program Section

CIP Program Section	Total
Municipal Buildings and Facilities	88,000,000
Parks, Recreation, and Community Services	78,770,000
Transportation	109,250,474
Grade Separations	88,626,971
Sewer	-
Storm Drain	20,000,000
Refuse	-
Public Parking	-
Airport	-
Electric	-
Water	155,251,000
Total	**539,898,445**

Requirements by Section



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

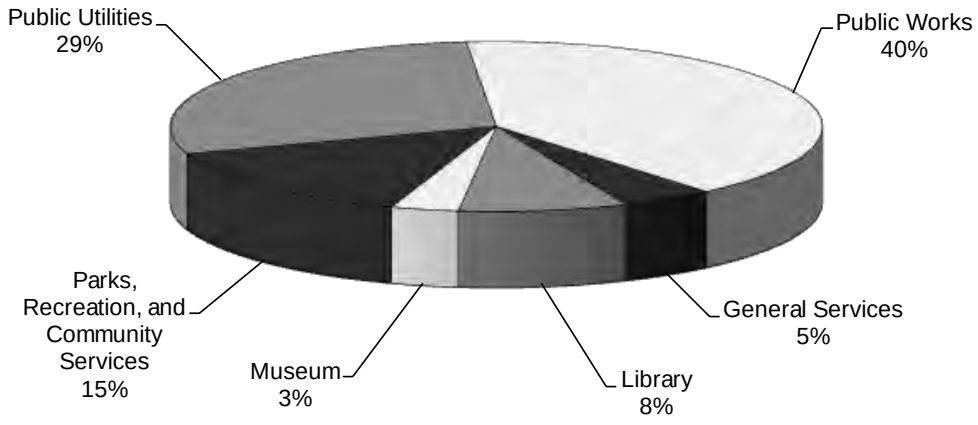
2011/12 to 2015/16

Capital Improvement Program

Summary of Unfunded Projects by Department

Department	Total
Airport	-
General Services	25,000,000
Library	45,000,000
Museum	18,000,000
Parks, Recreation, and Community Services	78,770,000
Public Safety (Police / Fire)	-
Public Utilities	155,251,000
Public Works	217,877,445
Total	**539,898,445**

Requirements by Department



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

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
440,000	2,616000	2,000,000	2,040,000	2,040,000	9,136,000

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.

Airport

The five-year CIP includes a $36,000 Airport improvement for resurfacing the Terminal Building parking lot.

General Services

The five-year General Services CIP includes $930,000 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 such as parking lot refurbishment and roof replacement.

Museum

This CIP includes $200,000 for refurbishment and improvement projects at the Municipal Museum, Heritage House, and Carriage House.

Public Safety

Over the five-year period, the Police and Fire Departments will see $3.57 million of improvement projects constructed as outlined in this CIP. Projects include roof replacement at two fire stations, security fencing for four fire stations, and other more minor improvement projects at various police and fire facilities.

Recurring Projects

This portion of CIP totals $3.4 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, facility painting, ADA modifications, and repairs/improvements at the Convention Center, Fox Theater, and Municipal Auditorium.

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 $88.0 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.

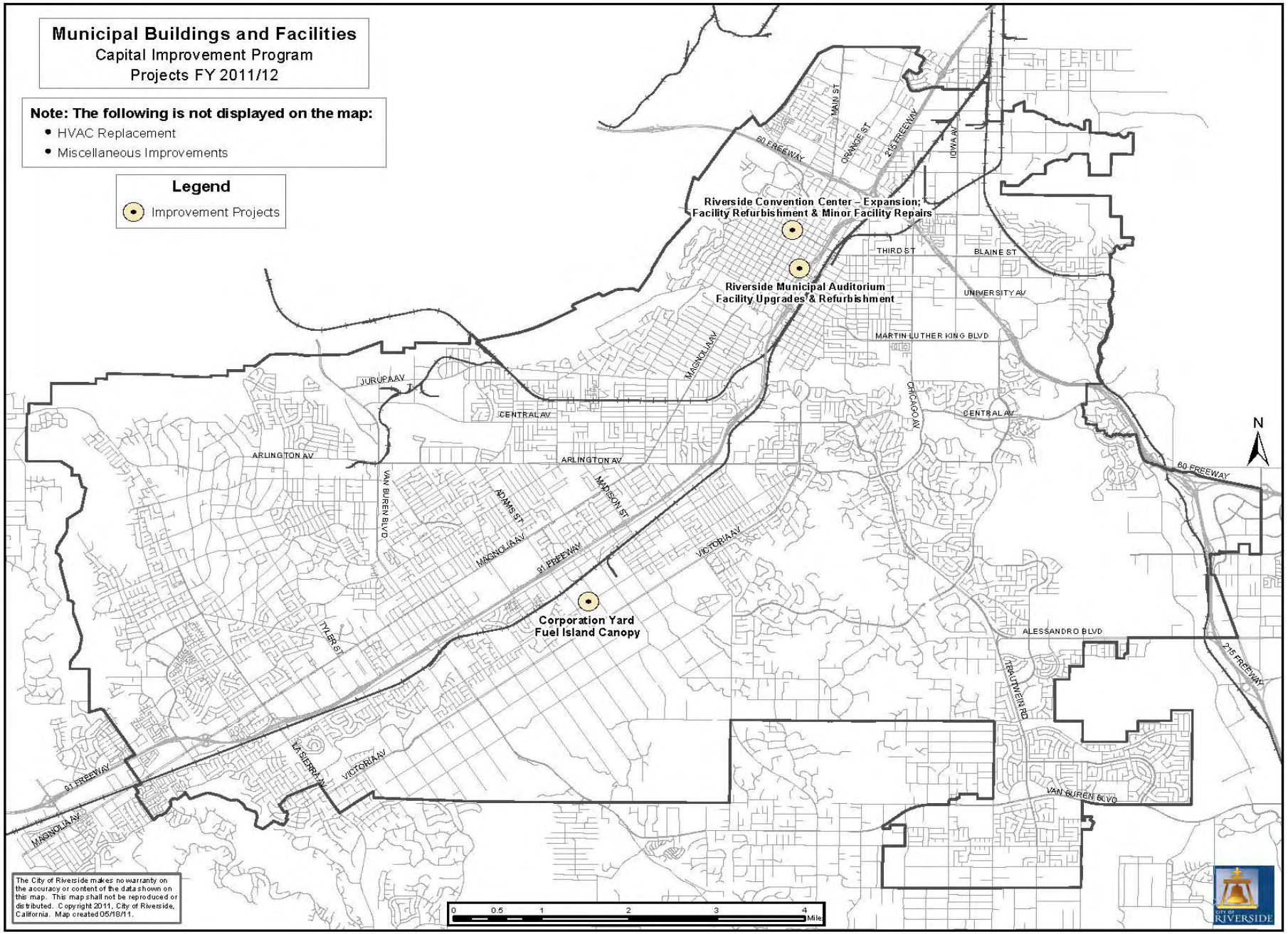
2011/12 to 2015/16

Capital Improvement Program - Municipal Buildings and Facilities

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Airport Fund (530)	Restricted Non-City Funds	Total
MB-6	General Services	Fuel Island Canopy	200,000	-	-	200,000
MB-20	Recurring Projects	HVAC Replacement at Various City Facilities	15,000	-	-	15,000
MB-21	Recurring Projects	Miscellaneous Improvements at City Facilities	100,000	-	-	100,000
MB-22	Recurring Projects	Riverside Convention Center Facility Refurbishment	50,000	-	-	50,000
MB-23	Recurring Projects	Riverside Convention Center Minor Facility Repairs	50,000	-	-	50,000
MB-24	Recurring Projects	Riverside Municipal Auditorium Facility Upgrades and Refurbishment	25,000	-	-	25,000
		Total	**440,000**	**-**	**-**	**440,000**

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 2011/12
Note: The following is not displayed on the map:
• HVAC Replacement
• Miscellaneous Improvements
Legend
Improvement Projects
Riverside Convention Center – Expansion; Facility Refurbishment & Minor Facility Repairs
Riverside Municipal Auditorium Facility Upgrades & Refurbishment
Corporation Yard Fuel Island Canopy
60 FREEWAY
91 FREEWAY
215 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
MAGNOLIA AV
JURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
VAN BUREN BLVD
ADAMS ST
MADISON ST
VICTORIA AV
TYLER ST
LA SIERRA AV
ALESSANDRO BLVD
TRAUTWEIN RD
N
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 2011, City of Riverside, California. Map created 05/18/11.
CITY OF RIVERSIDE

2011/12 to 2015/16

Capital Improvement Program - Municipal Buildings and Facilities

Capital Improvement Program Summary

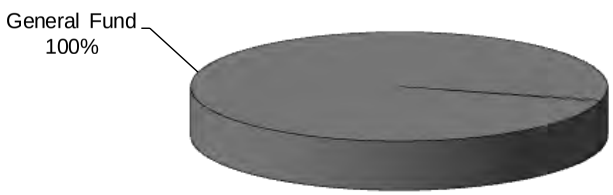
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	100,000	440,000	2,580,000	2,000,000	2,040,000	2,040,000	9,100,000	-
Other City Funds	-	-	36,000	-	-	-	36,000	-
Funding Source Not Identified	-	-	-	-	-	-	-	88,000,000
Total	**100,000**	**440,000**	**2,616,000**	**2,000,000**	**2,040,000**	**2,040,000**	**9,136,000**	**88,000,000**

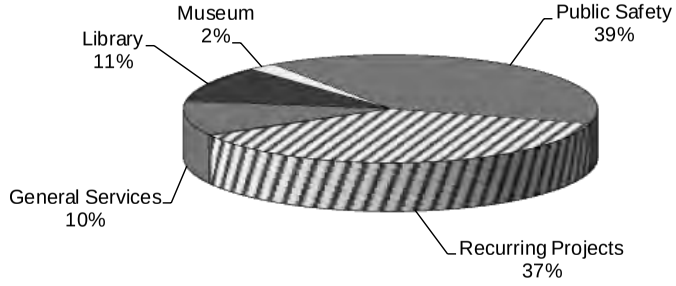
Projected Expenditures by Category

Project Category	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Airport	-	-	36,000	-	-	-	36,000	-
Convention Center	-	-	-	-	-	-	-	25,000,000
General Services	100,000	200,000	180,000	150,000	200,000	200,000	930,000	-
Library	700,000	-	250,000	250,000	250,000	250,000	1,000,000	45,000,000
Museum	500,000	-	50,000	50,000	50,000	50,000	200,000	18,000,000
Public Safety	-	-	1,560,000	810,000	600,000	600,000	3,570,000	-
Recurring Projects	-	240,000	540,000	740,000	940,000	940,000	3,400,000	-
Total	**1,300,000**	**440,000**	**2,616,000**	**2,000,000**	**2,040,000**	**2,040,000**	**9,136,000**	**88,000,000**

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.

2011/12 to 2015/16

Capital Improvement Program - Municipal Buildings and Facilities

Projected Capital Funding Revenue Sources by Fund

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	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.

2011/12 to 2015/16

Capital Improvement Program - Municipal Buildings and Facilities

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - General Fund (101)	440,000	2,580,000	2,000,000	2,040,000	2,040,000
Total Funds Available for Capital Improvements from Revenue - Other City Funds	-	36,000	-	-	-
Fund Balance from Prior Year [1]	-	-	-	-	-
Total Funds Available for Capital Improvements	**440,000**	**2,616,000**	**2,000,000**	**2,040,000**	**2,040,000**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
MB-1	Airport	Resurface Terminal Parking Lot	-	-	(36,000)	-	-	-	(36,000)	-
MB-UF-1	Convention Center	Convention Center Expansion & Improvements	-	-		-	-	-	-	(25,000,000)
MB-2	General Services	City Hall Basement Exterior Paint	-	-	(10,000)	-	-	-	(10,000)	-
MB-3	General Services	City Hall Basement Security Enhancements	-	-	(20,000)	-	-	-	(20,000)	-
MB-4	General Services	Corporation Yard Parking Lot Repaving	-	-	(50,000)	(50,000)	(100,000)	(100,000)	(300,000)	-
MB-5	General Services	Generator Switchgear	(100,000)	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-6	General Services	Fuel Island Canopy	-	(200,000)	-	-	-	-	(200,000)	-
MB-7	Library	Branch Library Improvements	-	-	(250,000)	(250,000)	(250,000)	(250,000)	(1,000,000)	-
MB-8 / MB-UF-2	Library	Downtown Library	(700,000)	-	-	-	-	-	-	(45,000,000)
MB-9	Museum	Municipal Museum Improvements	-		(50,000)	(50,000)	(50,000)	(50,000)	(200,000)	-
MB-10 / MB-UF-3	Museum	Municipal Museum Expansion	(500,000)	-	-	-	-	-	-	(18,000,000)
MB-11	Public Safety	Fire Station Improvements	-	-	(400,000)	(400,000)	(400,000)	(400,000)	(1,600,000)	-
MB-12	Public Safety	Gender Modifications at Fire Station 11	-	-	(750,000)	-	-	-	(750,000)	-
MB-13	Public Safety	Police Department Improvements	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-14	Public Safety	Roof Repair/Replacement at Fire Stations 2 and 12	-	-	(150,000)	(150,000)	-	-	(300,000)	-
MB-15	Public Safety	Security Fencing at Stations 4, 8, 9, and 10	-	-	(60,000)	(60,000)	-	-	(120,000)	-
MB-16	Public Safety	Security Systems for All 14 Fire Stations	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-17	Recurring Projects	Americans with Disabilities Act Modifications at Various City Facilities	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-18	Recurring Projects	Citywide Ergonomic Improvements	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-19	Recurring Projects	HVAC Replacement at Various City Facilities	-	(15,000)	(15,000)	(15,000)	(15,000)	(15,000)	(75,000)	-
MB-20	Recurring Projects	Miscellaneous Improvements at City Facilities	-	(100,000)	(100,000)	(300,000)	(500,000)	(500,000)	(1,500,000)	-
MB-21	Recurring Projects	Fox Theater Facility Repairs	-	-	(100,000)	(100,000)	(100,000)	(100,000)	(400,000)	-
MB-22	Recurring Projects	Riverside Convention Center Facility Refurbishment	-	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
MB-23	Recurring Projects	Riverside Convention Center Minor Facility Repairs	-	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
MB-24	Recurring Projects	Riverside Municipal Auditorium Facility Upgrades and Refurbishment	-	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(125,000)	-
		Total	**(1,300,000)**	**(440,000)**	**(2,616,000)**	**(2,000,000)**	**(2,040,000)**	**(2,040,000)**	**(9,136,000)**	**(88,000,000)**
		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.

2011/12 to 2015/16

Capital Improvement Program - Municipal Buildings and Facilities

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Airport Fund (530)	Restricted Non-City Funds	Total	Funded in Prior Fiscal Years	Total Project Cost
MB-1	Airport	Resurface Terminal Parking Lot	-	36,000	-	36,000	-	36,000
MB-2	General Services	City Hall Basement Exterior Paint and Landscape Improvements	10,000	-	-	10,000	-	10,000
MB-3	General Services	City Hall Basement Security Enhancements - Remove old AC Unit and Rebrick Wall	20,000	-	-	20,000	-	20,000
MB-4	General Services	Corporation Yard Parking Lot Repaving	300,000	-	-	300,000	-	300,000
MB-5	General Services	Generator Switchgear	400,000	-	-	400,000	100,000	500,000
MB-6	General Services	Fuel Island Canopy	200,000	-	-	200,000	-	200,000
MB-7	Library	Branch Library Improvements	1,000,000	-	-	1,000,000		1,000,000
MB-8	Library	Downtown Library - Funded Component	-	-	-	-	700,000	700,000
MB-9	Museum	Municipal Museum Improvements	200,000	-	-	200,000	-	200,000
MB-10	Museum	Municipal Museum Seismic Retrofit/Rehabilitation - Funded Component	-	-	-	-	500,000	500,000
MB-11	Public Safety	Fire Station Improvements	1,600,000	-	-	1,600,000	-	1,600,000
MB-12	Public Safety	Gender Modification to the Dorm at Station 11	750,000	-	-	750,000	-	750,000
MB-13	Public Safety	Police Department Improvements	400,000	-	-	400,000	-	400,000
MB-14	Public Safety	Roof Repair/Replacement at Fire Stations 2 and 12	300,000	-	-	300,000	-	300,000
MB-15	Public Safety	Security Fencing at Stations 4, 8, 9, and 10	120,000	-	-	120,000	-	120,000
MB-16	Public Safety	Security Systems for All 14 Fire Stations	400,000	-	-	400,000	-	400,000
MB-17	Recurring Projects	Americans with Disabilities Act Modifications at Various City Facilities	400,000	-	-	400,000	-	400,000
MB-18	Recurring Projects	Citywide Ergonomic Improvements	400,000	-	-	400,000	-	400,000
MB-19	Recurring Projects	HVAC Replacement at Various City Facilities	75,000	-	-	75,000	-	75,000
MB-20	Recurring Projects	Miscellaneous Improvements at City Facilities	1,500,000	-	-	1,500,000	-	1,500,000
MB-21	Recurring Projects	Fox Theater Facility Repairs	400,000	-	-	400,000	-	400,000
MB-22	Recurring Projects	Riverside Convention Center Facility Refurbishment	250,000	-	-	250,000	-	250,000
MB-23	Recurring Projects	Riverside Convention Center Minor Facility Repairs	250,000	-	-	250,000	-	250,000
MB-24	Recurring Projects	Riverside Municipal Auditorium Facility Upgrades and Refurbishment	125,000	-	-	125,000	-	125,000
		Total Funded Projects	**9,100,000**	**36,000**	**-**	**9,136,000**	**1,300,000**	**10,436,000**

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

2011/12 to 2015/16

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	Convention Center	Convention Center Expansion & Improvements	-	-	25,000,000	25,000,000
MB-UF-2	Library	Downtown Library - Unfunded Component	-	-	45,000,000	45,000,000
MB-UF-3	Museum	Municipal Museum Expansion - Unfunded Component	-	-	18,000,000	18,000,000
		Total Unfunded Projects	**-**	**-**	**88,000,000**	**88,000,000**

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

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
1,549,194	19,656,767	1,212,443	1,273,688	1,341,057	25,033,149

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 2011/12 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, Trails, Remodeling of the downtown Dales Senior Center, Martha McLean/Anza Narrows 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); the General Fund (101); and funding from the Redevelopment Agency.

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

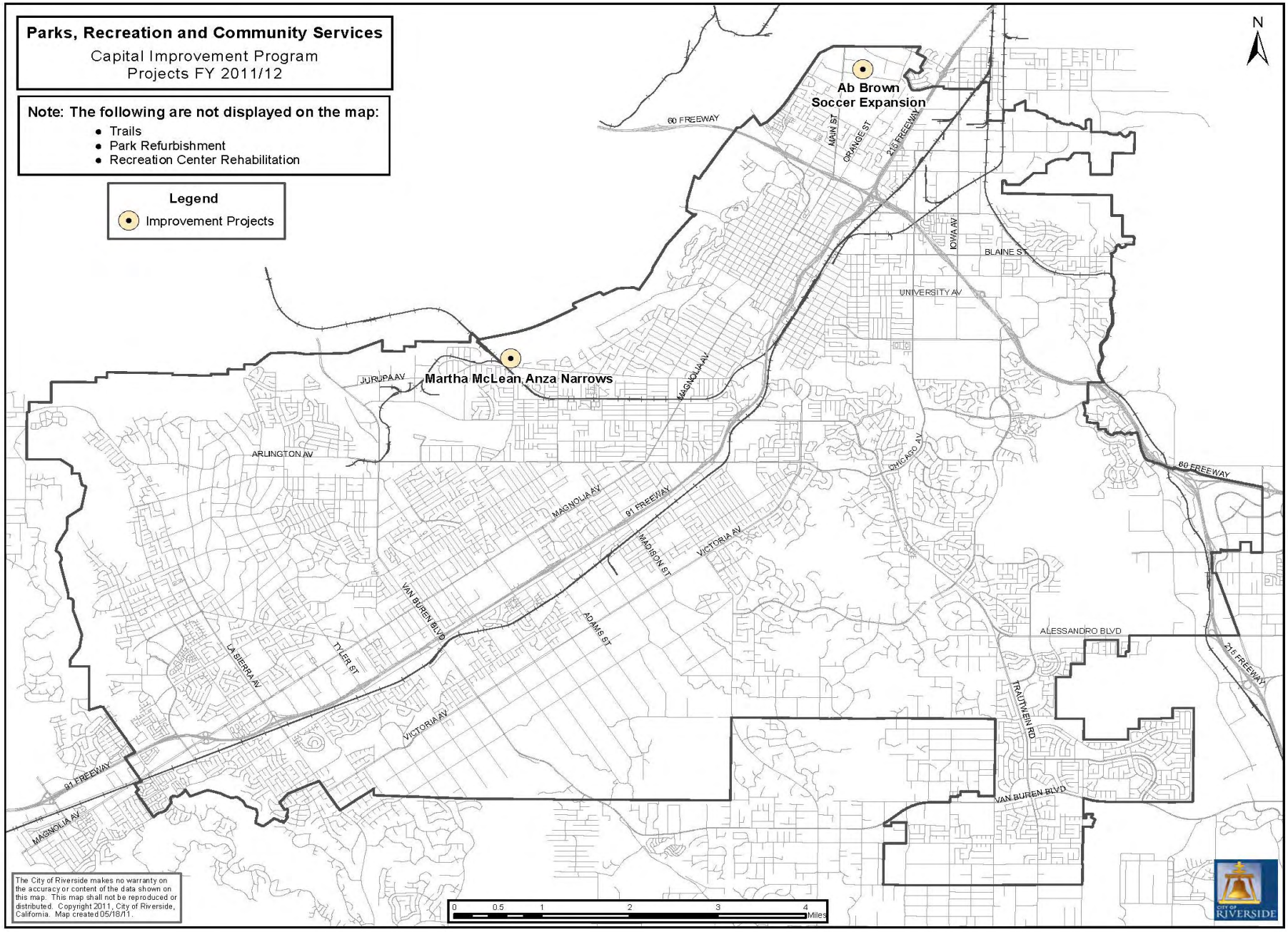
A list of Future Capital Projects is appended, which details additional needs in alphabetical, not prioritized, order and is not an inclusive listing of park projects needed to fully implement the park system or to correct known deficiencies.

2011/12 to 2015/16

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-2	Local Parks	Trails	-	500,000	-	-	500,000
PR-3	Regional Parks	Martha McLean-Anza Narrows	-	-	670,000	-	670,000
PR-6	Recurring Projects	Park Refurbishment	224,922	-	-	-	224,922
PR-7	Recurring Projects	Recreation Center Rehabilitation	154,272	-	-	-	154,272
		Total	**379,194**	**500,000**	**670,000**	**-**	**1,549,194**


Parks, Recreation and Community Services
Capital Improvement Program
Projects FY 2011/12
Note: The following are not displayed on the map:
Trails
Park Refurbishment
Recreation Center Rehabilitation
Legend
Improvement Projects
Ab Brown
Soccer Expansion
Martha McLean Anza Narrows
60 FREEWAY
91 FREEWAY
215 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
BLAINE ST
UNIVERSITY AV
MAGNOLIA AV
JURUPA AV
ARLINGTON AV
CHICAGO AV
MADISON ST
VICTORIA AV
VAN BUREN BLVD
ADAMS ST
TYLER ST
LA SIERRA AV
ALESSANDRO BLVD
TRAUTWEIN RD
N
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 2011, City of Riverside, California. Map created 05/18/11.
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE

2011/12 to 2015/16

Capital Improvement Program - Parks, Recreation, and Community Services

Capital Improvement Program Summary

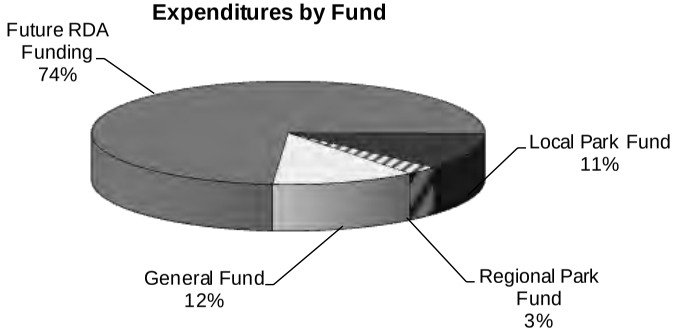
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101) [1]	-	379,194	556,767	612,443	673,688	741,057	2,963,149	-
Future RDA Funding	-	-	18,500,000	-	-	-	18,500,000	-
Local Park Fund (411)	1,000,000	500,000	600,000	600,000	600,000	600,000	2,900,000	42,545,000
Regional Park Fund (413)	-	670,000	-	-	-	-	670,000	31,050,000
Funding Source Not Identified	-	-	-	-	-	-	-	5,175,000
Total	**1,000,000**	**1,549,194**	**19,656,767**	**1,212,443**	**1,273,688**	**1,341,057**	**25,033,149**	**78,770,000**

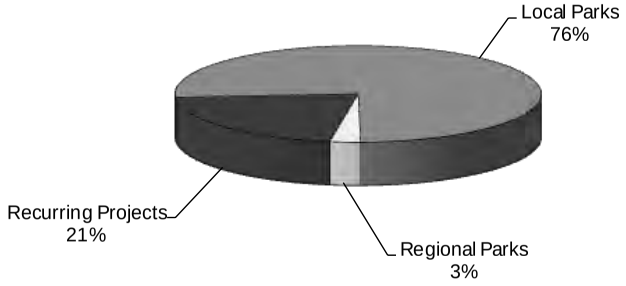
Projected Expenditures by Category

Project Category	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Local Parks	1,000,000	500,000	18,500,000	-	-	-	19,000,000	41,645,000
Regional Parks	-	670,000	-	-	-	-	670,000	37,125,000
Recurring Projects	-	379,194	1,156,767	1,212,443	1,273,688	1,341,057	5,363,149	-
Total	**1,000,000**	**1,549,194**	**19,656,767**	**1,212,443**	**1,273,688**	**1,341,057**	**25,033,149**	**78,770,000**

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.

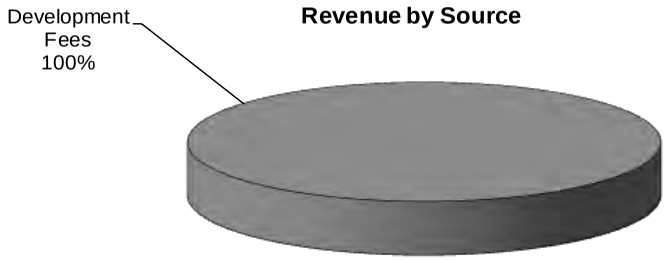
2011/12 to 2015/16

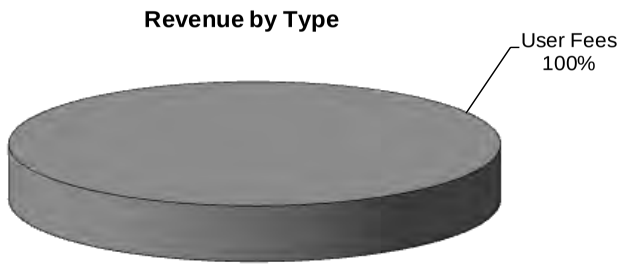
Capital Improvement Program - Parks, Recreation, and Community Services

Projected Capital Funding Revenue Sources by Fund

Local Park Fund (411)

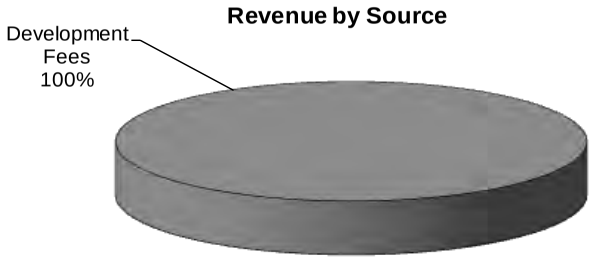
Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Development Fees	1,500,000	3,000,000	4,500,000	6,000,000	6,000,000	21,000,000
	Total Funds Available for Capital Improvements from Revenue	**1,500,000**	**3,000,000**	**4,500,000**	**6,000,000**	**6,000,000**	**21,000,000**

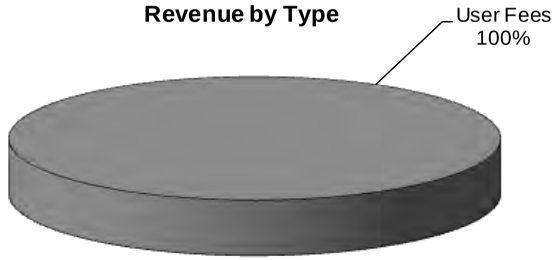




Regional Park Fund (413)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Development Fees	1,000,000	2,000,000	3,000,000	4,000,000	4,000,000	14,000,000
	Total Funds Available for Capital Improvements from Revenue	**1,000,000**	**2,000,000**	**3,000,000**	**4,000,000**	**4,000,000**	**14,000,000**





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

2011/12 to 2015/16

Capital Improvement Program - Parks, Recreation, and Community Services

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - General Fund (101) [1]	379,194	556,767	612,443	673,688	741,057
Total Funds Available for Capital Improvements from Revenue - Local Parks Fund (411)	1,500,000	3,000,000	4,500,000	6,000,000	6,000,000
Total Funds Available for Capital Improvements from Revenue - Regional Parks Fund (413)	1,000,000	2,000,000	3,000,000	4,000,000	4,000,000
Total Funds Available for Capital Improvements from Revenue - Future RDA Funding	-	18,500,000	-	-	-
Fund Balance from Prior Year - Parks Funds (411 & 413)	(348,587)	896,440	84,456	1,772,472	5,960,488
Total Funds Available for Capital Improvements	**2,530,607**	**24,953,207**	**8,196,899**	**12,446,160**	**16,701,545**
Less: Adjustments for Non-Capital Expenditures					
MS4 Permit Charge	(41,933)	(41,933)	(41,933)	(41,933)	(41,933)
Project Publications Charge	(43,040)	(43,040)	(43,040)	(43,040)	(43,040)
Debt Service - 2008 Certificates of Participation (411)	-	(3,402,011)	(3,402,011)	(3,402,011)	(3,402,011)
Debt Service - 2011 Renaissance Loan	-	(950,000)	(950,000)	(950,000)	(950,000)
Debt Service - 2012 Renaissance Loan	-	(775,000)	(775,000)	(775,000)	(775,000)
Adjusted Total Funds Available for Capital Improvements	**2,445,634**	**19,741,223**	**2,984,915**	**7,234,176**	**11,489,561**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
PR-1	Local Parks	Ab Brown Soccer Expansion	-	-	(18,500,000)	-	-	-	(18,500,000)	-
PR-2	Local Parks	Trails	(1,000,000)	(500,000)	-	-	-	-	(500,000)	-
PR-3	Regional Parks	Martha McLean-Anza Narrows	-	(670,000)	-	-	-	-	(670,000)	-
PR-4	Recurring Projects	Construction Contingency Reserve	-	-	(400,000)	(400,000)	(400,000)	(400,000)	(1,600,000)	-
PR-5	Recurring Projects	Park Land Acquisition Reserve	-	-	(200,000)	(200,000)	(200,000)	(200,000)	(800,000)	-
PR-6	Recurring Projects	Park Refurbishment	-	(224,922)	(330,087)	(363,095)	(399,405)	(439,346)	(1,756,855)	-
PR-7	Recurring Projects	Recreation Center Rehabilitation	-	(154,272)	(226,680)	(249,348)	(274,283)	(301,711)	(1,206,294)	-
PR-UF-1	Local Parks	Arizona Middle School Field Renovation	-	-	-	-	-	-	-	(500,000)
PR-UF-2	Local Parks	Bergamont/Replace playground equipment and surface with ADA compliant materials.	-	-	-	-	-	-	-	(350,000)
PR-UF-3	Local Parks	Bonds/Parking Lot Lighting - Upgrade parking lot lighting at Kansas/11th Street parking lot.	-	-	-	-	-	-	-	(125,000)
PR-UF-4	Local Parks	Bonds/Playground - Design and construct new playground.	-	-	-	-	-	-	-	(500,000)
PR-UF-5	Local Parks	Bordwell/Gymnasium - Design and construct new gymnasium south of the center.	-	-	-	-	-	-	-	(4,600,000)
PR-UF-6	Local Parks	Carlson Park/St. Francis Falls Restoration	-	-	-	-	-	-	-	(320,000)
PR-UF-7	Local Parks	Castleview Park Development/Water meter fees and construction funding for Phase 2 development of 23 acres.	-	-	-	-	-	-	-	(10,200,000)
PR-UF-8	Local Parks	Collett/Playground - Replace equipment and playground surface with ADA compliant materials.	-	-	-	-	-	-	-	(500,000)
PR-UF-9	Local Parks	Don Jones - Restroom replacement/ADA	-	-	-	-	-	-	-	(150,000)
PR-UF-10	Local Parks	Don Lorenzi/Restroom - Rehabilitate restroom.	-	-	-	-	-	-	-	(400,000)
PR-UF-11	Local Parks	Gage Canal Trails	-	-	-	-	-	-	-	(3,700,000)
PR-UF-12	Local Parks	Highland/Basketball Court - Replace basketball court.	-	-	-	-	-	-	-	(150,000)
PR-UF-13	Local Parks	Islander Trailhead	-	-	-	-	-	-	-	(350,000)
PR-UF-14	Local Parks	Mission Ranch "Turnkey" Park Facility	-	-	-	-	-	-	-	(6,200,000)
PR-UF-15	Local Parks	Nichols/Picnic Shelter - Construct group picnic shelter.	-	-		-	-	-	-	(350,000)
PR-UF-16	Local Parks	Patterson Park/Playground - Replace playground equipment and surface with ADA compliant materials.	-	-	-	-	-	-	-	(500,000)
PR-UF-17	Local Parks	Pool Refurbishments - Various	-	-	-	-	-	-	-	(1,300,000)
PR-UF-18	Local Parks	Taft/Playground - Replace equipment and playground surface with ADA compliant materials and expand play area.	-	-	-	-	-	-	-	(500,000)
PR-UF-19	Local Parks	Thundersky/Playground - Replace playground surface with ADA compliant materials.	-	-	-	-	-	-	-	(500,000)
PR-UF-20	Local Parks	University Neighborhood Parks Master Plans - Mt. Vernon, Islander and Highlander Parks	-	-	-	-	-	-	-	(3,200,000)
PR-UF-21	Local Parks	Various Sites/Install park and progress signs - 10 per year.	-	-	-	-	-	-	-	(150,000)
PR-UF-22	Local Parks	Victoria-Cross Development/Funding for initial development of approximately 4-1/4 acres of the site including full site grading, street improvements, children's play area, two basketball half courts, picnic shelter and remodel of existing recreation structure.	-	-	-	-	-	-	-	(6,000,000)

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
PR-UF-23	Local Parks	Victoria-Cross Development/Development of approximately 2-3/4 acres of the park site including roller hockey, tennis courts, and sand lot volleyball.	-	-	-	-	-	-	-	(1,100,000)
PR-UF-24	Regional Parks	Fairmount Park - Lake water quality improvements and aeration, Phase I (solarbee)	-	-	-	-	-	-	-	(100,000)
PR-UF-25	Regional Parks	Fairmount Park - Lake water quality improvements and aeration - Phase 2 (well rehab/expansion)	-	-	-	-	-	-	-	(900,000)
PR-UF-26	Regional Parks	Fairmount Park - Lighting and lakeshore access improvements - Phase II	-	-	-	-	-	-	-	(500,000)
PR-UF-27	Regional Parks	Fairmount Park - Historic Core, Phase I - Bandshell and amphitheater renovation	-	-	-	-	-	-	-	(750,000)
PR-UF-28	Regional Parks	Fairmount Park - Historic Core, Phase II - Pedestrian access, restroom and parking improvements	-	-	-	-	-	-	-	(3,200,000)
PR-UF-29	Regional Parks	Fairmount/Irrigation System Modifications	-	-	-	-	-	-	-	(625,000)
PR-UF-30	Regional Parks	Hole Lake Park Site Development - 25 Acres	-	-	-	-	-	-	-	(10,000,000)
PR-UF-31	Regional Parks	Quail Run Fencing	-	-	-	-	-	-	-	(50,000)
PR-UF-32	Regional Parks	Savi Ranch Development - 40 Acres	-	-	-	-	-	-	-	(16,000,000)
PR-UF-33	Regional Parks	Sycamore Canyon/Interpretive Center - Design and construct new interpretive center, including parking.	-	-	-	-	-	-	-	(5,000,000)
		Total	**(1,000,000)**	**(1,549,194)**	**(19,656,767)**	**(1,212,443)**	**(1,273,688)**	**(1,341,057)**	**(25,033,149)**	**(78,770,000)**
		Unbudgeted Balance		**896,440**	**84,456**	**1,772,472**	**5,960,488**	**10,148,504**		

[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.

2011/12 to 2015/16

Capital Improvement Program - Parks, Recreation, and Community Services

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Future RDA Funding	Local Park Fund (411)	Regional Park Fund (413)	Restricted Non-City Funds	Total	Funded in Prior Fiscal Years	Total Project Cost
PR-1	Local Parks	Ab Brown Soccer Expansion	-	18,500,000	-	-	-	18,500,000	-	18,500,000
PR-2	Local Parks	Trails	-	-	500,000	-	-	500,000	1,000,000	1,500,000
PR-3	Regional Parks	Martha McLean-Anza Narrows	-	-	-	670,000	-	670,000	-	670,000
PR-4	Recurring Projects	Construction Contingency Reserve	-	-	1,600,000	-	-	1,600,000	-	1,600,000
PR-5	Recurring Projects	Park Land Acquisition Reserve	-	-	800,000	-	-	800,000	-	800,000
PR-6	Recurring Projects	Park Refurbishment	1,756,855	-	-	-	-	1,756,855	-	1,756,855
PR-7	Recurring Projects	Recreation Center Rehabilitation	1,206,294	-	-	-	-	1,206,294	-	1,206,294
		Total Funded Projects	**2,963,149**	**18,500,000**	**2,900,000**	**670,000**	**-**	**25,033,149**	**1,000,000**	**26,033,149**

2011/12 to 2015/16

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 with ADA compliant materials.	-	350,000	-	-	350,000
PR-UF-3	Local Parks	Bonds/Parking Lot Lighting - Upgrade parking lot lighting at Kansas/11th Street parking lot.	-	125,000	-	-	125,000
PR-UF-4	Local Parks	Bonds/Playground - Design and construct new playground.	-	500,000	-	-	500,000
PR-UF-5	Local Parks	Bordwell/Gymnasium - Design and construct new gymnasium south of the center.	-	4,600,000	-	-	4,600,000
PR-UF-6	Local Parks	Carlson Park/St. Francis Falls Restoration		320,000			320,000
PR-UF-7	Local Parks	Castleview Park Development/Water meter fees and construction funding for Phase 2 development of 23 acres.	-	10,200,000	-	-	10,200,000
PR-UF-8	Local Parks	Collett/Playground - Replace equipment and playground surface with ADA compliant materials.	-	500,000	-	-	500,000
PR-UF-9	Local Parks	Don Jones - Restroom replacement/ADA		150,000	-	-	150,000
PR-UF-10	Local Parks	Don Lorenzi/Restroom - Rehabilitate restroom.	-	400,000	-	-	400,000
PR-UF-11	Local Parks	Gage Canal Trails	-	-	-	3,700,000	3,700,000
PR-UF-12	Local Parks	Highland/Basketball Court - Replace basketball court.	-	150,000	-	-	150,000
PR-UF-13	Local Parks	Islander Trailhead	-	-	-	350,000	350,000
PR-UF-14	Local Parks	Mission Ranch "Turnkey" Park Facility		6,200,000			6,200,000
PR-UF-15	Local Parks	Nichols/Picnic Shelter - Construct group picnic shelter.	-	350,000	-	-	350,000
PR-UF-16	Local Parks	Patterson Park/Playground - Replace playground equipment and surface with ADA compliant materials.	-	500,000	-	-	500,000
PR-UF-17	Local Parks	Pool Refurbishments - Various		1,300,000			1,300,000
PR-UF-18	Local Parks	Taft/Playground - Replace equipment and playground surface with ADA compliant materials and expand play area.	-	500,000	-	-	500,000
PR-UF-19	Local Parks	Thundersky/Playground - Replace playground surface with ADA compliant materials.	-	500,000	-	-	500,000
PR-UF-20	Local Parks	University Neighborhood Parks Master Plans - Mt. Vernon, Islander and Highlander Parks		3,200,000	-	-	3,200,000
PR-UF-21	Local Parks	Various Sites/Install park and progress signs - 10 per year.	-	150,000	-	-	150,000

Project Number	Project Type	Project Description	General Fund (101)	Local Park Fund (411)	Regional Park Fund (413)	Funding Source Not Identified	Total
PR-UF-22	Local Parks	Victoria-Cross Development/Funding for initial development of approximately 4-1/4 acres of the site including full site grading, street improvements, children's play area, two basketball half courts, picnic shelter and remodel of existing recreation structure.	-	6,000,000	-	-	6,000,000
PR-UF-23	Local Parks	Victoria-Cross Development/Development of approximately 2-3/4 acres of the park site including roller hockey, tennis courts, and sand lot volleyball.	-	1,100,000	-	-	1,100,000
PR-UF-24	Regional Parks	Fairmount Park - Lake water quality improvements and aeration, Phase I (solarbee)	-	100,000	-	-	100,000
PR-UF-25	Regional Parks	Fairmount Park - Lake water quality improvements and aeration - Phase 2 (well rehab/expansion)	-	900,000	-	-	900,000
PR-UF-26	Regional Parks	Fairmount Park - Lighting and lakeshore access improvements - Phase II	-	500,000	-	-	500,000
PR-UF-27	Regional Parks	Fairmount Park - Historic Core, Phase I - Bandshell and amphitheater renovation	-	750,000	-	-	750,000
PR-UF-28	Regional Parks	Fairmount Park - Historic Core, Phase II - Pedestrian access, restroom and parking improvements	-	3,200,000	-	-	3,200,000
PR-UF-29	Regional Parks	Fairmount/Irrigation System Modifications	-	-	-	625,000	625,000
PR-UF-30	Regional Parks	Hole Lake Park Site Development - 25 Acres	-	-	10,000,000	-	10,000,000
PR-UF-31	Regional Parks	Quail Run Fencing	-	-	50,000	-	50,000
PR-UF-32	Regional Parks	Savi Ranch Development - 40 Acres	-	-	16,000,000	-	16,000,000
PR-UF-33	Regional Parks	Sycamore Canyon/Interpretive Center - Design and construct new interpretive center, including parking.	-	-	5,000,000	-	5,000,000
		Total Unfunded Projects	**-**	**42,545,000**	**31,050,000**	**5,175,000**	**78,770,000**

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
12,385,000	9,485,000	9,235,000	10,085,000	7,235,000	48,425,000

Introduction

The FY 2011/12 to 2015/16 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 $48.4 million. The proposed program is underfunded by $109.2 million.

Economic conditions have led to declines in sales tax and gas tax revenues. In addition, the formula for distribution of Measure A 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%. Funding from Proposition 1B was one-time revenue. Little, if any, funding from State and federal sources is anticipated for traditional street projects.

Street Projects

The Streets program for FY 2011/12 to 2015/16 is designed to meet City Council priorities while reducing the backlog of uncompleted projects. Significant new projects added to the proposed CIP include: widening Van Buren Boulevard between Jackson and Garfield and between Jurupa Avenue and the Santa Ana River Bridge, improvements to Main Street between State Route 60 and First Street, the extension of Jurupa Avenue from Rutland Avenue to Crest Avenue, and improvements to Palmyrita Avenue between Iowa Avenue and Northgate Street.

Projects previously approved by the City Council include: Van Buren Widening from the Santa Ana River to Jackson (construction complete), reconstruction of the Van Buren/SR 91 Interchange (bid award January 2010), and Tyler Street Widening between Wells and Hole (construction late 2011).

Historic funding levels are proposed for the rehabilitation of local and arterial streets. Lower funding levels are proposed for FY 2011/12 for the repair of curbs, gutters, and sidewalks due to reduced revenue. The program also includes increased 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 2011/12 to 2015/16 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.

In keeping with the direction of the Citywide Strategic Plan, the five year CIP continues consideration of key programs in the face of declining revenues. The Traffic Management Center is apportioned $250,000, and the Arterial Interconnect Project is planned for $500,000. In addition, the CIP includes routine traffic signal loop detector 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 proposed CIP anticipates the City receiving little or no funding from such programs as the Congestion Mitigation Air Quality (CMAQ) Program and the State Transportation Improvement Program. Due to recent State budget shortfalls, the State and RCTC have obligated future funds for projects on the State highway system.

Program Summary

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.

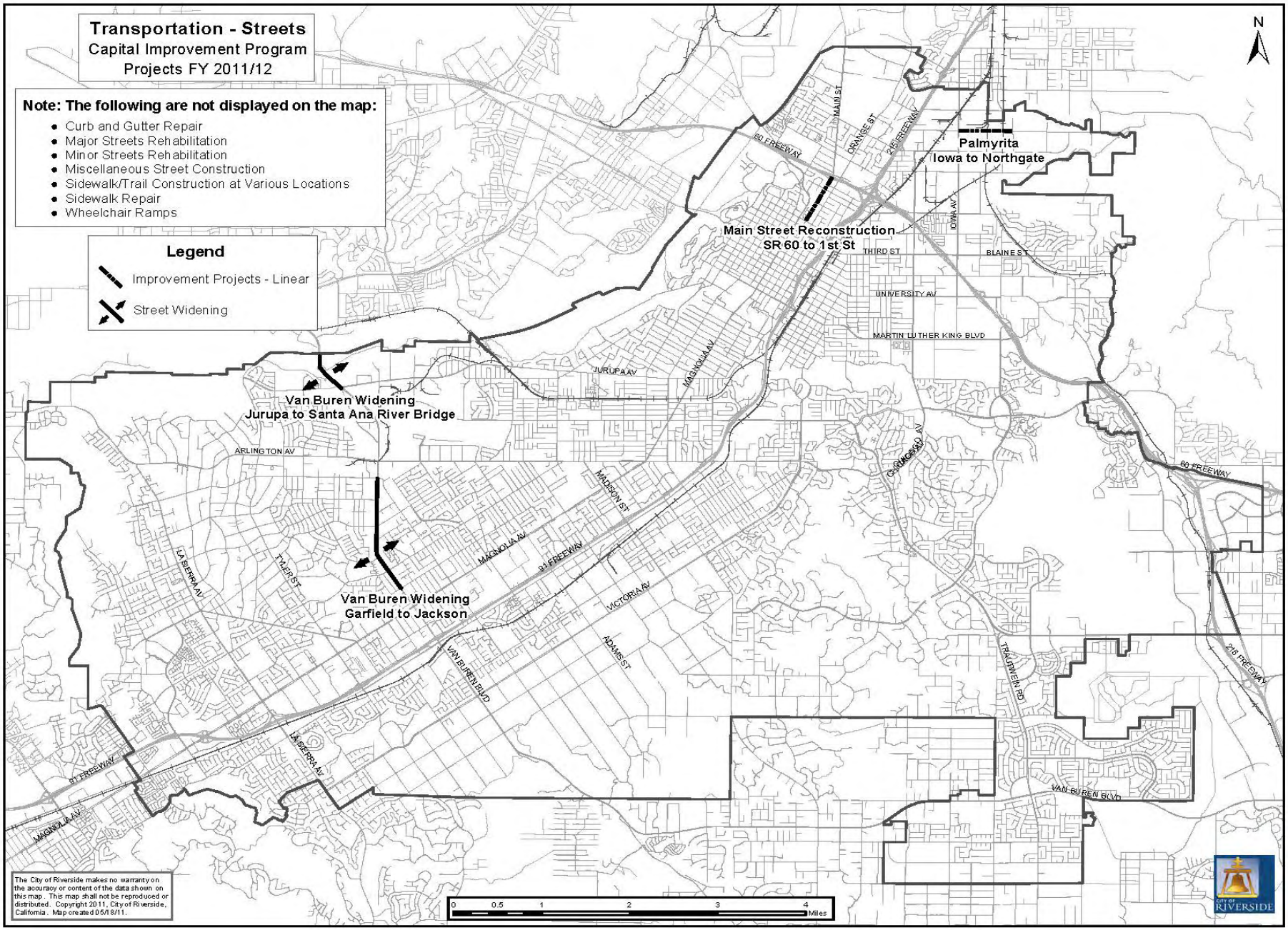
This Page Intentionally Left Blank

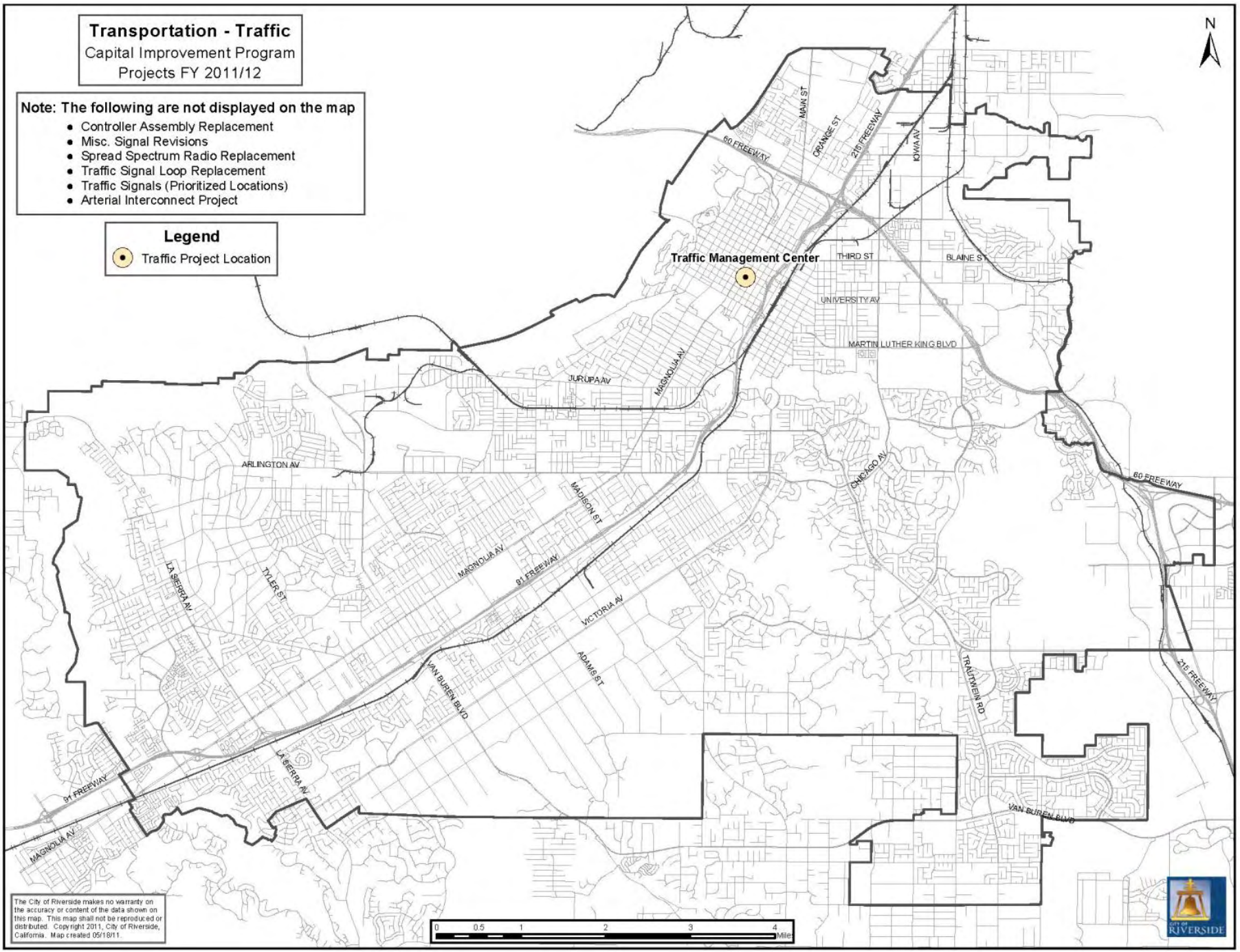
2011/12 to 2015/16

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-2	Street Construction	Main Street Reconstruction - SR 60 to 1st Street	-	2,500,000	-	2,500,000
TR-3	Street Construction	Palmyrita - Iowa to Northgate	-	550,000	-	550,000
TR-4	Street Construction	Van Buren Widening, Garfield to Jackson	-	1,400,000	-	1,400,000
TR-5	Street Construction	Van Buren Widening, Jurupa to Santa Ana River Bridge	-	1,200,000	-	1,200,000
TR-6	Street Maintenance	Curb and Gutter Repair	-	100,000	-	100,000
TR-7	Street Maintenance	Major Streets Rehabilitation	-	1,400,000	-	1,400,000
TR-8	Street Maintenance	Minor Streets Rehabilitation	-	3,000,000	-	3,000,000
TR-9	Street Maintenance	Miscellaneous Street Construction	-	500,000	-	500,000
TR-10	Street Maintenance	Sidewalk / Trail Construction at Various Locations	-	300,000	-	300,000
TR-11	Street Maintenance	Sidewalk Repair	-	300,000	-	300,000
TR-12	Street Maintenance	Wheelchair Ramps	-	600,000	-	600,000
		Subtotal Street Projects	**-**	**11,850,000**	**-**	**11,850,000**
TR-13	New Signals	Traffic Signals (Prioritized Locations)	-	200,000	-	200,000
TR-15	Signal Interconnections	Traffic Management Center	-	50,000	-	50,000
TR-16	Signal Interconnections	Arterial Interconnect Project	-	100,000	-	100,000
TR-17	Signal Maintenance	Controller Assembly Replacement	-	40,000	-	40,000
TR-18	Signal Maintenance	Spread Spectrum Radio Replacement	-	10,000	-	10,000
TR-19	Signal Maintenance	Traffic Signal Loop Replacement	-	35,000	-	35,000
TR-20	Signal Modifications	Misc. Signal Revisions	-	100,000	-	100,000
		Subtotal Signal Projects	**-**	**535,000**	**-**	**535,000**
		Total	**-**	**12,385,000**	**-**	**12,385,000**


Transportation - Streets
Capital Improvement Program
Projects FY 2011/12
Note: The following are not displayed on the map:
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 - Linear
Street Widening
Palmyrita
Iowa to Northgate
Main Street Reconstruction
SR 60 to 1st St
Van Buren Widening
Jurupa to Santa Ana River Bridge
Van Buren Widening
Garfield to Jackson
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
MAGNOLIA AV
ARLINGTON AV
CHICAGO AV
MADISON ST
91 FREEWAY
LA SIERRA AV
TYLER ST
VICTORIA AV
ADAMS ST
VAN BUREN BLVD
TRAUTWEIN RD
N
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 2011, City of Riverside, California. Map created 05/18/11.
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE


Transportation - Traffic
Capital Improvement Program
Projects FY 2011/12
Note: The following are not displayed on the map
Controller Assembly Replacement
Misc. Signal Revisions
Spread Spectrum Radio Replacement
Traffic Signal Loop Replacement
Traffic Signals (Prioritized Locations)
Arterial Interconnect Project
Legend
Traffic Project Location
Traffic Management Center
N
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
MAGNOLIA AV
ARLINGTON AV
CHICAGO AV
MADISON ST
91 FREEWAY
LA SIERRA AV
TYLER ST
VICTORIA AV
VAN BUREN BLVD
ADAMS ST
TRAUTWEIN 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 2011, City of Riverside, California. Map created 05/18/11.
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE

This Page Intentionally Left Blank

2011/12 to 2015/16

Capital Improvement Program - Transportation

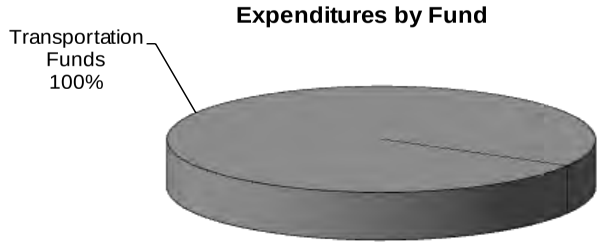
Capital Improvement Program Summary

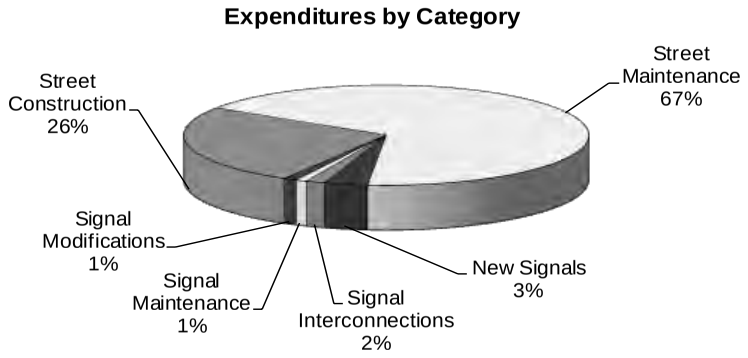
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-	-
Transportation Funds (City and Non-City)	6,320,088	12,385,000	9,485,000	9,235,000	10,085,000	7,235,000	48,425,000	-
Funding Source Not Identified	-	-	-	-	-	-	-	109,250,474
Total	**6,320,088**	**12,385,000**	**9,485,000**	**9,235,000**	**10,085,000**	**7,235,000**	**48,425,000**	**109,250,474**

Projected Expenditures by Category

Project Category	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Street Construction	1,469,425	5,650,000	2,000,000	2,000,000	2,850,000	-	12,500,000	105,250,474
Street Maintenance	-	6,200,000	6,600,000	6,600,000	6,600,000	6,600,000	32,600,000	-
New Signals	250,000	200,000	550,000	300,000	300,000	300,000	1,650,000	-
Signal Interconnections	2,100,663	150,000	150,000	150,000	150,000	150,000	750,000	-
Signal Maintenance	-	85,000	85,000	85,000	85,000	85,000	425,000	-
Signal Modifications	2,500,000	100,000	100,000	100,000	100,000	100,000	500,000	4,000,000
Total	**6,320,088**	**12,385,000**	**9,485,000**	**9,235,000**	**10,085,000**	**7,235,000**	**48,425,000**	**109,250,474**





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

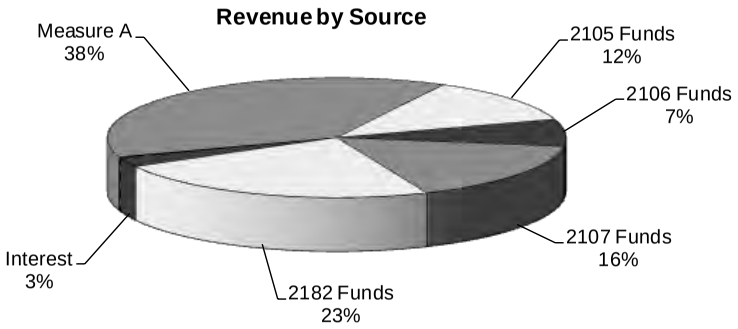
2011/12 to 2015/16

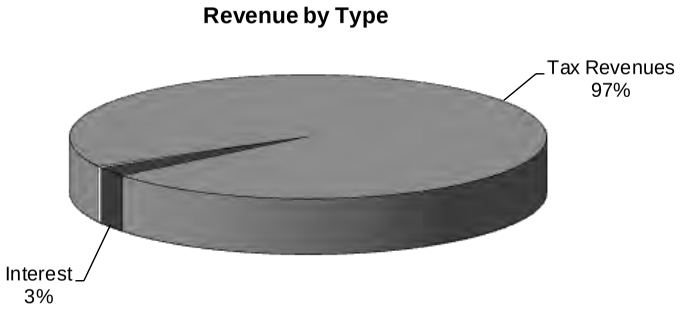
Capital Improvement Program - Transportation

Projected Capital Funding Revenue Sources by Fund

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

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Signal Mitigation Fees	25,000	25,000	25,000	25,000	25,000	125,000
User Fees	Transportation Impact Fees	20,000	20,000	20,000	20,000	20,000	100,000
Tax Revenues	Measure A, Local Roads	4,735,000	4,830,000	4,927,000	5,026,000	5,127,000	24,645,000
Tax Revenues	State Gas Tax - 2105 Funds (Proposition 111)	1,603,101	1,600,000	1,600,000	1,600,000	1,600,000	8,003,101
Tax Revenues	State Gas Tax - 2106 Funds	978,939	950,000	950,000	950,000	950,000	4,778,939
Tax Revenues	State Gas Tax - 2107 Funds	2,143,392	2,100,000	2,100,000	2,100,000	2,100,000	10,543,392
Tax Revenues	State Gas Tax - 2103 Funds (Gas Tax Swap for AB2928)	3,368,928	2,950,000	2,950,000	2,950,000	2,950,000	15,168,928
Interest	Interest Income	325,000	325,000	325,000	325,000	325,000	1,625,000
	Total Funds Available for Capital Improvements from Revenue	**13,199,360**	**12,800,000**	**12,897,000**	**12,996,000**	**13,097,000**	**64,989,360**





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

2011/12 to 2015/16

Capital Improvement Program - Transportation

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Transportation Funds (230, 430, 432, 433, & 434)	13,199,360	12,800,000	12,897,000	12,996,000	13,097,000
Fund Balance from Prior Year - Transportation Funds (230, 430, 432, 433. & 434)	3,204,471	1,194,331	2,511,331	4,165,631	5,059,031
Total Funds Available for Capital Improvements	**16,403,831**	**13,994,331**	**15,408,331**	**17,161,631**	**18,156,031**
Less: Adjustments for Non-Capital Expenditures					
Street Maintenance	(1,826,000)	(1,090,000)	(1,090,000)	(1,090,000)	(1,090,000)
Patch Truck for Streets Division	(100,000)	-	-	-	-
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	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)
Grade Separation Allocation (10% Measure A)	(473,500)	(483,000)	(492,700)	(502,600)	(512,700)
Adjusted Total Funds Available for Capital Improvements	**13,579,331**	**11,996,331**	**13,400,631**	**15,144,031**	**16,128,331**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
TR-UF-1	Street Construction	Arizona Extension/Cross Widening	(73,853)	-	-	-	-	-	-	(726,147)
TR-UF-2	Street Construction	Arlington Avenue Widening, Adams to Van Buren	-	-	-	-	-	-	-	(1,500,000)
TR-UF-3	Street Construction	Arlington Avenue Widening, Victoria to Alessandro	-	-	-	-	-	-	-	(16,600,000)
TR-UF-4	Street Construction	Canyon Crest Widening	(104,673)	-	-	-	-	-	-	(5,895,327)
TR-UF-5	Street Construction	Chicago @ 215 Freeway	-	-	-	-	-	-	-	(1,000,000)
TR-UF-6	Street Construction	Chicago Medians - Le Conte to Martin Luther King	-	-	-	-	-	-	-	(1,800,000)
TR-UF-7	Street Construction	14th Street Widening, SR 91 to Martin Luther King	-	-	-	-	-	-	-	(24,000,000)
TR-UF-8	Street Construction	Iowa Avenue Widening - Martin Luther King to University	-	-	-	-	-	-	-	(1,000,000)
TR-1	Street Construction	Jurupa Extension - Rutland to Crest	-	-	(300,000)	-	-	-	(300,000)	-
TR-UF-9	Street Construction	Magnolia Medians - Tyler to Buchanan	(540,000)	-	-	-	-	-	-	(7,000,000)
TR-2	Street Construction	Main Street Reconstruction - SR 60 to 1st Street	-	(2,500,000)	-	-	-	-	(2,500,000)	-
TR-UF-10	Street Construction	Mountain View Avenue Improvements	-	-	-	-	-	-	-	(800,000)
TR-UF-11	Street Construction	Overlook Parkway Arroyo Crossing	(35,899)	-	-	-	-	-	-	(5,379,000)
TR-UF-12	Street Construction	Overlook Parkway SR91 Connection	-	-	-	-	-	-	-	(1,000,000)
TR-3	Street Construction	Palmyrita - Iowa to Northgate	-	(550,000)	-	-	-	-	(550,000)	-
TR-UF-13	Street Construction	Ridge Road	-	-	-	-	-	-	-	(600,000)
TR-UF-14	Street Construction	Tyler/SR 91/BNSF Interchange Plan	(190,000)	-	-	-	-	-	-	(4,810,000)
TR-4 / TR-UF-15	Street Construction	Van Buren Widening, Garfield to Jackson	(125,000)	(1,400,000)	(1,700,000)	(2,000,000)	(2,850,000)	-	(7,950,000)	(6,490,000)
TR-UF-16	Street Construction	Van Buren Widening, Indiana to South City Limit	(100,000)	-	-	-	-	-	-	(26,650,000)
TR-5	Street Construction	Van Buren Widening, Jurupa to Santa Ana River Bridge	(300,000)	(1,200,000)	-	-	-	-	(1,200,000)	-
TR-6	Street Maintenance	Curb and Gutter Repair	-	(100,000)	(200,000)	(200,000)	(200,000)	(200,000)	(900,000)	-
TR-7	Street Maintenance	Major Streets Rehabilitation	-	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	(1,400,000)	(7,000,000)	-
TR-8	Street Maintenance	Minor Streets Rehabilitation	-	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(3,000,000)	(15,000,000)	-
TR-9	Street Maintenance	Miscellaneous Street Construction	-	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(2,500,000)	-
TR-10	Street Maintenance	Sidewalk / Trail Construction at Various Locations	-	(300,000)	(500,000)	(500,000)	(500,000)	(500,000)	(2,300,000)	-
TR-11	Street Maintenance	Sidewalk Repair	-	(300,000)	(400,000)	(400,000)	(400,000)	(400,000)	(1,900,000)	-
TR-12	Street Maintenance	Wheelchair Ramps	-	(600,000)	(600,000)	(600,000)	(600,000)	(600,000)	(3,000,000)	-
		Subtotal Street Projects	**(1,469,425)**	**(11,850,000)**	**(8,600,000)**	**(8,600,000)**	**(9,450,000)**	**(6,600,000)**	**(45,100,000)**	**(105,250,474)**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
TR-13	New Signals	Traffic Signals (Prioritized Locations)	(250,000)	(200,000)	(300,000)	(300,000)	(300,000)	(300,000)	(1,400,000)	-
TR-14	New Signals	Iowa-Citrus	-	-	(250,000)	-	-	-	(250,000)	-
TR-15	Signal Interconnections	Traffic Management Center	(1,462,040)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
TR-16	Signal Interconnections	Arterial Interconnect Project	(638,623)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(500,000)	-
TR-17	Signal Maintenance	Controller Assembly Replacement	-	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(200,000)	-
TR-18	Signal Maintenance	Spread Spectrum Radio Replacement	-	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)	-
TR-19	Signal Maintenance	Traffic Signal Loop Replacement	-	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)	-
TR-UF-17	Signal Modifications	Downtown Traffic System Upgrade	(2,000,000)	-	-	-	-	-	-	(4,000,000)
TR-20	Signal Modifications	Misc. Signal Revisions	(500,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(500,000)	-
		Subtotal Signal Projects	**(4,850,663)**	**(535,000)**	**(885,000)**	**(635,000)**	**(635,000)**	**(635,000)**	**(3,325,000)**	**(4,000,000)**
		Total	**(6,320,088)**	**(12,385,000)**	**(9,485,000)**	**(9,235,000)**	**(10,085,000)**	**(7,235,000)**	**(48,425,000)**	**(109,250,474)**
		Unbudgeted Balance		**1,194,331**	**2,511,331**	**4,165,631**	**5,059,031**	**8,893,331**		

2011/12 to 2015/16

Capital Improvement Program - Transportation

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Special Gas Tax Fund (230)	Measure A Fund (432)	Impact Fees (433)	Restricted Non-City Funds	Total	Funded in Prior Fiscal Years	Total Project Cost
TR-1	Street Construction	Jurupa Extension - Rutland to Crest	-	-	300,000	-	-	300,000	-	300,000
TR-2	Street Construction	Main Street Reconstruction, SR 60 to 1st Street	-	-	2,500,000	-	-	2,500,000	-	2,500,000
TR-3	Street Construction	Palmyrita - Iowa to Northgate	-	550,000	-	-	-	550,000	-	550,000
TR-4	Street Construction	Van Buren Widening, Garfield to Jackson - Funded Component	-	4,150,000	3,800,000	-	-	7,950,000	125,000	8,075,000
TR-5	Street Construction	Van Buren Widening, Jurupa to Santa Ana River Bridge	-	-	1,200,000	-	-	1,200,000	300,000	1,500,000
TR-6	Street Maintenance	Curb and Gutter Repair - Replacement of curbs and gutters damaged by street trees.	-	900,000	-	-	-	900,000	-	900,000
TR-7	Street Maintenance	Major Streets Rehabilitation - Removal, replacement, and overlay of deteriorated pavements on arterial roadways.	-	-	7,000,000	-	-	7,000,000	-	7,000,000
TR-8	Street Maintenance	Minor Streets Rehabilitation - Removal, replacement, and overlay of deteriorated pavements on collector and local streets.	-	15,000,000	-	-	-	15,000,000	-	15,000,000
TR-9	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-10	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.	-	2,300,000	-	-	-	2,300,000	-	2,300,000
TR-11	Street Maintenance	Sidewalk Repair - Replacement of sidewalks damaged by street trees.	-	1,900,000	-	-	-	1,900,000	-	1,900,000
TR-12	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).	-	3,000,000	-	-	-	3,000,000	-	3,000,000
		Subtotal Street Projects	**-**	**30,300,000**	**14,800,000**	**-**	**-**	**45,100,000**	**425,000**	**45,525,000**
TR-13	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.	-	-	1,400,000	-	-	1,400,000	250,000	1,650,000
TR-14	New Signals	Iowa-Citrus - Install new traffic signal at Iowa Avenue and Citrus Street			250,000			250,000	-	250,000
TR-15	Signal Interconnections	Traffic Management Center	-	-	250,000	-	-	250,000	1,462,040	1,712,040
TR-16	Signal Interconnections	Arterial Interconnect Project - New signal coordination projects.	-	-	500,000	-	-	500,000	638,623	1,138,623
TR-17	Signal Maintenance	Controller Assembly Replacement - Replace obsolete traffic signal controllers for safety, traffic flow and maintenance reasons.	-	-	200,000	-	-	200,000	-	200,000
TR-18	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-19	Signal Maintenance	Traffic Signal Loop Replacement - Replacement of damaged traffic signal loops at various locations.	-	-	175,000	-	-	175,000	-	175,000
TR-20	Signal Modifications	Misc. Signal Revisions - Modify existing traffic signals in various locations.	-	-	500,000	-	-	500,000	500,000	1,000,000
		Subtotal Signal Projects	**-**	**-**	**3,325,000**	**-**	**-**	**3,325,000**	**2,850,663**	**6,175,663**
		Total Funded Projects	**-**	**30,300,000**	**18,125,000**	**-**	**-**	**48,425,000**	**3,275,663**	**51,700,663**

2011/12 to 2015/16

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	Arizona Extension/Cross Widening - Extend Arizona Avenue to Cross Street and Widen Cross Street. - Remaining Funding	-	-	-	726,147	726,147	73,853	800,000
TR-UF-2	Street Construction	Arlington Avenue Widening, Adams to Van Buren	-	-	-	1,500,000	1,500,000	-	1,500,000
TR-UF-3	Street Construction	Arlington Avenue Widening, Victoria to Alessandro - Widening Arlington between Victoria and Alessandro.	-	-	-	16,600,000	16,600,000	-	16,600,000
TR-UF-4	Street Construction	Canyon Crest Widening - Widen Canyon Crest Drive between Country Club Drive and Via Vista Drive	-	-	-	5,895,327	5,895,327	104,673	6,000,000
TR-UF-5	Street Construction	Chicago @ 215 Freeway - Improvements to Chicago Avenue at the 215 Freeway	-	-	-	1,000,000	1,000,000	-	1,000,000
TR-UF-6	Street Construction	Chicago Medians - Le Conte to Martin Luther King	-	-	-	1,800,000	1,800,000	-	1,800,000
TR-UF-7	Street Construction	14th Street Widening, SR 91 to Martin Luther King	-	-	-	24,000,000	24,000,000	-	24,000,000
TR-UF-8	Street Construction	Iowa Avenue Widening - Martin Luther King to University	-	-	-	1,000,000	1,000,000	-	1,000,000
TR-UF-9	Street Construction	Magnolia Medians - Tyler to Buchanan	-	-	-	7,000,000	7,000,000	540,000	7,540,000
TR-UF-10	Street Construction	Mountain View Avenue Improvements	-	-	-	800,000	800,000	-	800,000
TR-UF-11	Street Construction	Overlook Parkway Arroyo Crossing - Construction of Overlook Parkway over the Alessandro Arroyo.	-	-	-	5,379,000	5,379,000	35,899	5,414,899
TR-UF-12	Street Construction	Overlook Parkway SR91 Connection - Funding for environmental and right of way.	-	-	-	1,000,000	1,000,000	-	1,000,000
TR-UF-13	Street Construction	Ridge Road	-	-	-	600,000	600,000	-	600,000
TR-UF-14	Street Construction	Tyler/SR 91/BNSF Interchange Plan - Remaining Funding	-	-	-	4,810,000	4,810,000	190,000	5,000,000
TR-UF-15	Street Construction	Van Buren Widening, Garfield to Jackson - Unfunded Component	-	-	-	6,490,000	6,490,000	-	6,490,000
TR-UF-16	Street Construction	Van Buren Widening, Indiana to South City Limit - Widen and improve Van Buren from Indiana to South City Limit.	-	-	-	26,650,000	26,650,000	100,000	26,750,000
		SubTotal Street Projects	**-**	**-**	**-**	**105,250,474**	**105,250,474**	**1,044,425**	**106,294,899**
TR-UF-17	Signal Modifications	Downtown Traffic System Upgrade	-	-	-	4,000,000	4,000,000	2,000,000	6,000,000
		SubTotal Signal Projects	**-**	**-**	**-**	**4,000,000**	**4,000,000**	**2,000,000**	**6,000,000**
		Total Unfunded Projects	**-**	**-**	**-**	**109,250,474**	**109,250,474**	**3,044,425**	**112,294,899**

This Page Intentionally Left Blank

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
58,500,000	-0-	-0-	-0-	-0-	58,500,000

Introduction

Grade separations 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 grade separations totals $58.5 million. The proposed 2011/12 CIP is $58.5 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 three railroad grade separation projects and one quiet zone project. Two grade separation projects are unfunded.

Rail projects are a City Council priority. The projects promote public safety, quality of life, and economic vitality. Twenty-five at-grade railroad crossings must be mitigated within the City. The estimated cost of grade separating the 25 intersections is in excess of $800 million. The CIP includes the design and construction of three railroad grade separations. The Columbia Avenue grade separation construction was completed in May 2010. The Magnolia Avenue grade separation is currently under construction and anticipated to be complete in September 2011. An additional three grade separations are in right-of-way acquisition: Iowa Avenue, Riverside Avenue and Streeter Avenue. A quiet zone for the BNSF railroad corridor is also included in the CIP. The City Council recently approved a Memorandum of Understanding with the Riverside County Transportation Commission which provides up to $14.7 million in funding for the BNSF quiet zone.

Key Revenues and Funding Sources

Local revenue for the projects is provided by a 10% allocation of the City's Local Measure A and the Riverside Renaissance Initiative. Major non-City funding sources for the CIP include Proposition 1B Trade Corridor Improvement Fund (TCIF), 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. Engineering and right-of-way acquisition phases may be underfunded, because TCIF funds can only be used for construction and PUC funds are awarded only when a project is ready for construction. The perennial state budget crisis makes timing and availability of state funding sources uncertain. 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.

Work on the Third Street grade separation has been delayed due it only being partially funded, partially due to the failure of proposed container fees or tariffs generated at the ports to fund highway upgrades, bridge repairs, and grade separations in trade-affected areas. Work on this project and other rail projects will resume when funding is identified. 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

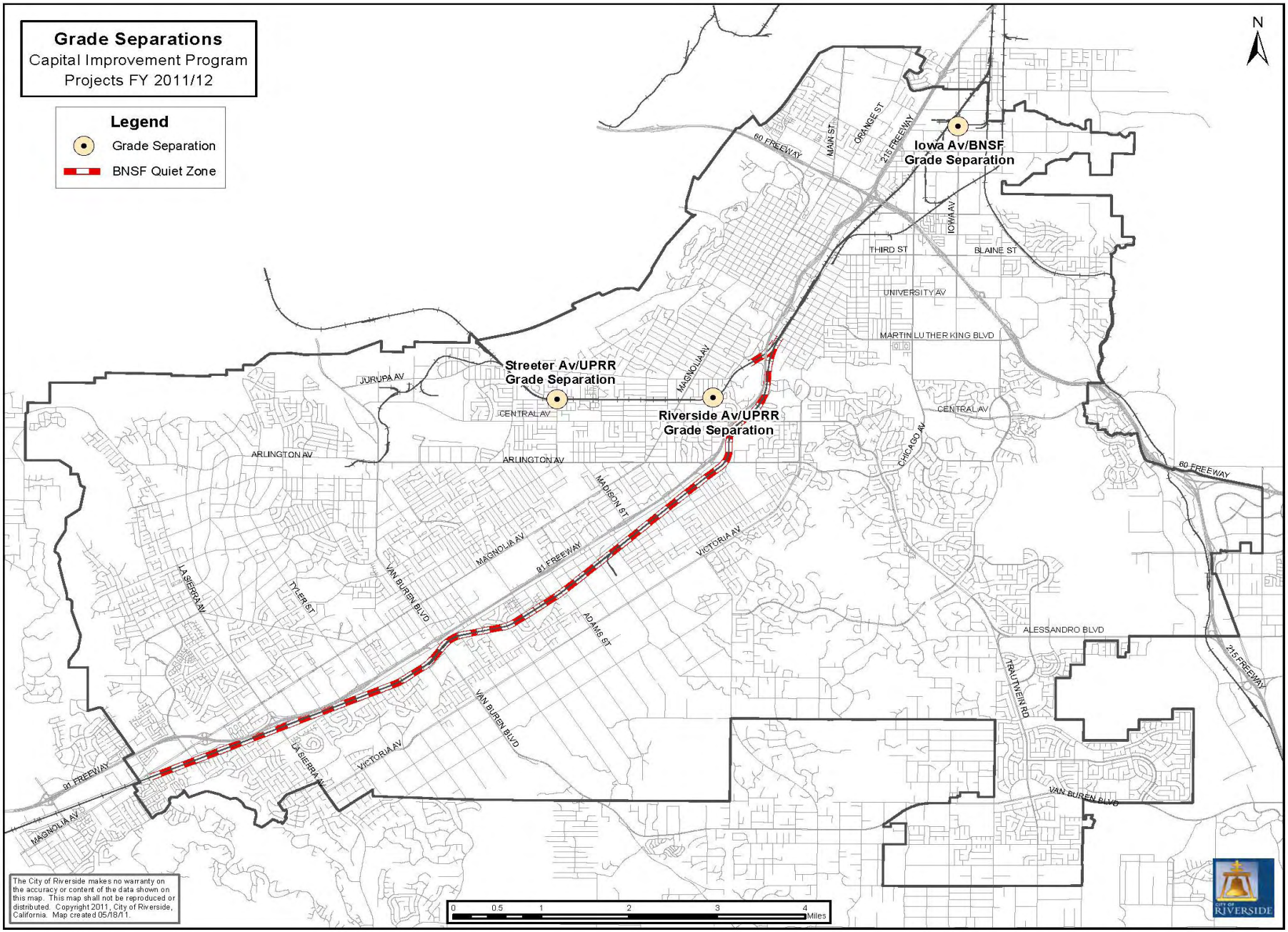
The City, as well as the region and State need to find additional and reliable funding sources to meet the needs to construct grade separations. City staff continues to evaluate available funding options and are working to find funding sources for the remaining unfunded project costs.

2011/12 to 2015/16

Capital Improvement Program - Grade Separations

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	City Transport. Funds	Restricted Non-City Funds	Total
GS-1	Rail Projects	BNSF Quiet Zone	-	-	14,700,000	14,700,000
GS-2	Rail Projects	Iowa Avenue/BNSF Grade Separation	-	-	13,000,000	13,000,000
GS-4	Rail Projects	Riverside Avenue/UPRR Grade Separation	-	-	15,300,000	15,300,000
GS-5	Rail Projects	Streeter Avenue/UPRR Grade Separation	-	-	15,500,000	15,500,000
		Total	**-**	**-**	**58,500,000**	**58,500,000**


Grade Separations
Capital Improvement Program
Projects FY 2011/12
Legend
Grade Separation
BNSF Quiet Zone
N
Iowa Av/BNSF
Grade Separation
Streeter Av/UPRR
Grade Separation
Riverside Av/UPRR
Grade Separation
60 FREEWAY
91 FREEWAY
215 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
MAGNOLIA AV
CENTRAL AV
ARLINGTON AV
MADISON ST
CHICAGO AV
VICTORIA AV
LA SIERRA AV
TYLER ST
VAN BUREN BLVD
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN 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 2011, City of Riverside, California. Map created 05/18/11.
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE

2011/12 to 2015/16

Capital Improvement Program - Grade Separations

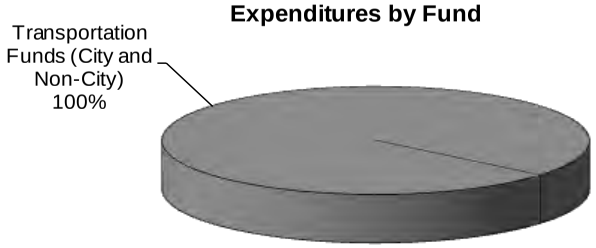
Capital Improvement Program Summary

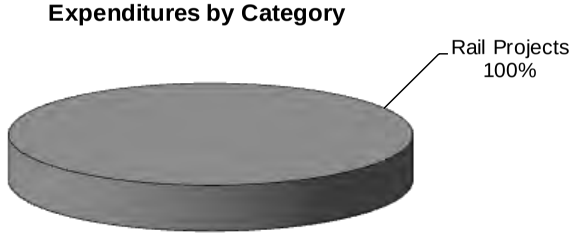
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-	-
Transportation Funds (City and Non-City)	46,506,312	58,500,000	-	-	-	-	58,500,000	-
Funding Source Not Identified	-	-	-	-	-	-	-	88,626,971
Total	**46,506,312**	**58,500,000**	**-**	**-**	**-**	**-**	**58,500,000**	**88,626,971**

Projected Expenditures by Category

Project Category	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Rail Projects	46,506,312	58,500,000	-	-	-	-	58,500,000	88,626,971
Total	**46,506,312**	**58,500,000**	**-**	**-**	**-**	**-**	**58,500,000**	**88,626,971**





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

2011/12 to 2015/16

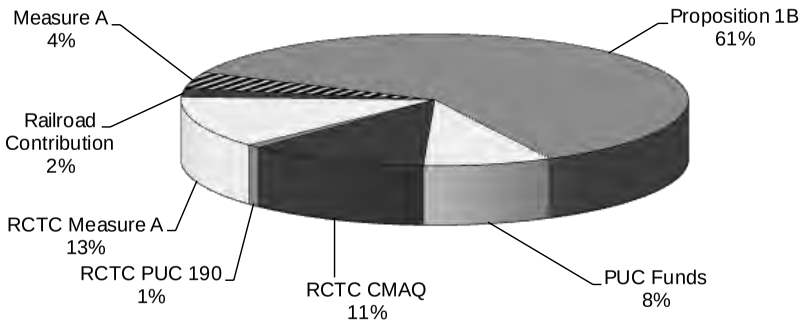
Capital Improvement Program - Grade Separations

Projected Capital Funding Revenue Sources by Fund

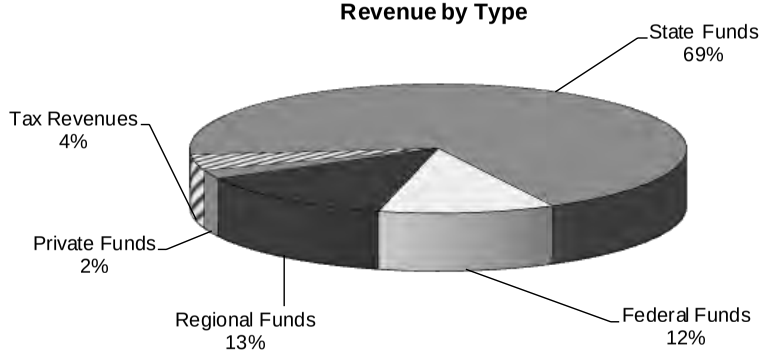
Transportation Funds (430, 432, & 434)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
Tax Revenues	Measure A, Local Roads	473,500	483,000	492,700	502,600	512,700	2,464,500
State Funds	Proposition 1B Funds TCIF	37,000,000	-	-	-	-	37,000,000
State Funds	PUC Grade Separation Funds	5,000,000	-	-	-	-	5,000,000
Federal Funds	RCTC Set aside CMAQ	7,000,000	-	-	-	-	7,000,000
Regional Funds	RCTC PUC 190 Match	500,000	-	-	-	-	500,000
Regional Funds	RCTC Regional Measure A	7,700,000	-	-	-	-	7,700,000
Private Funds	Railroad Contribution	1,300,000	-	-	-	-	1,300,000
	Total Funds Available for Capital Improvements from Revenue	**58,973,500**	**483,000**	**492,700**	**502,600**	**512,700**	**60,964,500**

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

2011/12 to 2015/16

Capital Improvement Program - Grade Separations

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Transportation Funds (430, 432, & 434)	58,973,500	483,000	492,700	502,600	512,700
Fund Balance from Prior Year - Transportation Funds (430, 432, & 434)	-	-	-	-	-
Total Funds Available for Capital Improvements	**58,973,500**	**483,000**	**492,700**	**502,600**	**512,700**
Less: Adjustments for Non-Capital Expenditures					
Debt Service - Rail Projects	(473,500)	(483,000)	(492,700)	(502,600)	(512,700)
Adjusted Total Funds Available for Capital Improvements	**58,500,000**	**-**	**-**	**-**	**-**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
GS-1 / GS-UF-1	Rail Projects	BNSF Quiet Zone	(1,628,829)	(14,700,000)	-	-	-	-	(14,700,000)	(671,171)
GS-2	Rail Projects	Iowa Avenue/BNSF Grade Separation	(15,098,474)	(13,000,000)	-	-	-	-	(13,000,000)	-
GS-3 / GS-UF-2	Rail Projects	Madison Street/BNSF Grade Separation	(44,200)	-	-	-	-	-	-	(34,955,800)
GS-4 / GS-UF-3	Rail Projects	Riverside Avenue/UPRR Grade Separation	(9,812,486)	(15,300,000)	-	-	-	-	(15,300,000)	(9,000,000)
GS-5 / GS-UF-4	Rail Projects	Streeter Avenue/UPRR Grade Separation	(18,760,990)	(15,500,000)	-	-	-	-	(15,500,000)	(5,000,000)
GS-6 / GS-UF-5	Rail Projects	Third Street/BNSF Grade Separation	(1,161,333)	-	-	-	-	-	-	(39,000,000)
		Total	**(46,506,312)**	**(58,500,000)**	**-**	**-**	**-**	**-**	**(58,500,000)**	**(88,626,971)**
		Unbudgeted Balance		**-**	**-**	**-**	**-**	**-**		

2011/12 to 2015/16

Capital Improvement Program - Grade Separations

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
GS-1	Rail Projects	BNSF Quiet Zone - Buchanan Street to Cridge Street and Union Pacific Railroad crossing at Panorama Road (Funded Component)	-	-	14,700,000	14,700,000	1,628,829	16,328,829
GS-2	Rail Projects	Iowa Avenue/BNSF Grade Separation	-	-	13,000,000	13,000,000	15,098,474	28,098,474
GS-3	Rail Projects	Madison Street/BNSF Grade Separation (Funded Component)	-	-	-	-	44,200	44,200
GS-4	Rail Projects	Riverside Avenue/UPRR Grade Separation (Funded Component)	-	-	15,300,000	15,300,000	9,812,486	25,112,486
GS-5	Rail Projects	Streeter Avenue/UPRR Grade Separation (Funded Component)	-	-	15,500,000	15,500,000	18,760,990	34,260,990
GS-6	Rail Projects	Third Street/BNSF Grade Separation (Funded Component)	-	-	-	-	1,161,333	1,161,333
		Total Funded Projects	**-**	**-**	**58,500,000**	**58,500,000**	**46,506,312**	**105,006,312**

2011/12 to 2015/16

Capital Improvement Program - Grade Separations

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	City Transport. Funds	Restricted Non-City Funds	Funding Source Not Identified	Total
GS-UF-1	Rail Projects	BNSF Quiet Zone - Buchanan Street to Cridge Street and Union Pacific Railroad crossing at Panorama Road (Unfunded Component)	-	-	-	671,171	671,171
GS-UF-2	Rail Projects	Madison Street/BNSF Grade Separation (Unfunded Component)	-	-	-	34,955,800	34,955,800
GS-UF-3	Rail Projects	Riverside Avenue/UPRR Grade Separation (Unfunded Component)	-	-	-	9,000,000	9,000,000
GS-UF-4	Rail Projects	Streeter Avenue/UPRR Grade Separation (Unfunded Component)	-	-	-	5,000,000	5,000,000
GS-UF-5	Rail Projects	Third Street/BNSF Grade Separation (Unfunded Component)	-	-	-	39,000,000	39,000,000
		Total Unfunded Projects	**-**	**-**	**-**	**88,626,971**	**88,626,971**

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
54,729,335	152,479,335	96,139,335	30,300,000	39,800,000	373,448,005

Introduction

The five-year Capital Improvement Program (CIP) for the Sewer Fund totals $373.5 million. The proposed fiscal year 2011/12 CIP is $54.8 million.

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

Overall, the five-year budget reflects the significant investment needed to improve the City's sewer collection system and treatment facility. The Integrated Master Plan for Wastewater Collection and Treatment Facilities (Master Plan), completed in February 2008 and conceptually approved by the City Council on July 22, 2008, provides the foundation for the short and long-term CIP for both the collection system and treatment facilities necessary to support existing and future development sewage flows, replace aging infrastructure, and to address evolving Federal and State regulatory requirements.

To fund the future capital improvements, the Master Plan presented a financial plan that included a new user rate structure and the sale of revenue bonds. The financial plan and approval of the new user rate structure are complete. In 2009, the City sold approximately $240.9 million in revenue bonds. According to current budgetary projections, it is anticipated that additional bond issuances of approximately $261.4 million will be needed over the course of the five-year CIP.

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.

This five-year Capital Improvement Program includes $298.6 million to complete upgrades to the treatment facility to increase plant capacity, improve treatment efficiency, reduce system maintenance, and comply with State and Federal regulations. Of this total, $238.7 million has been programmed for expansion of the Water Quality Control Plant, $17 million for additional headworks capacity, and $14.8 million for energy system upgrades at the facility. The design and construction will be based on the Master Plan. The other $28.1 million of CIP project funding is to support in-house capital projects to replace and upgrade existing capital equipment and systems at the treatment plant.

Compliance with Regulations

Projects within the Compliance with Regulations category keep the plant up to date with evolving Federal and State regulatory requirements.

The Capital Improvement Program includes $1.8 million for rehabilitation of the Hidden Valley Wetlands natural treatment system. Initially, the $1.8 million was intended to rehabilitate the facility to once again make it available as a supplemental treatment process for the Water Quality Control Plant. Plans included the possibility of constructing additional wetlands ponds for further nitrogen removal. However, the wetlands sustained significant damage as a result of a storm in December 2010. As a result and before any previously forecasted project can move forward, the damage will need to be assessed through an engineering study. The study will evaluate the extent of damage, recommend corrective actions, and propose costs for the various repairs. Once these items are identified, it is anticipated that the reserved funds will be used to complete the repairs and rehabilitate undamaged wetlands facilities.

Sewer Collection System Projects

This five-year Capital Improvement Program includes $73.1 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

Program Summary

improvements are based on the Master Plan, staff field experience, and pipeline video inspections.

There are several key projects listed in the Capital Improvement Program. Funding of $6.2 million has been programmed for replacement of the Van Buren Boulevard trunk sewer between Jackson Street and Challen Avenue. Also, $6 million has been programmed to upgrade the smaller sewer lift stations at various locations throughout the City.

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 Capital Improvement Program 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

According to current budgetary projections, it is anticipated that additional bond issuances of approximately $261.4 million will be needed in fiscal year 2012/13 to fund CIP projects for the five year term. As each year progresses, the City will continue to assess revenue and spending patterns to determine future funding requirements.

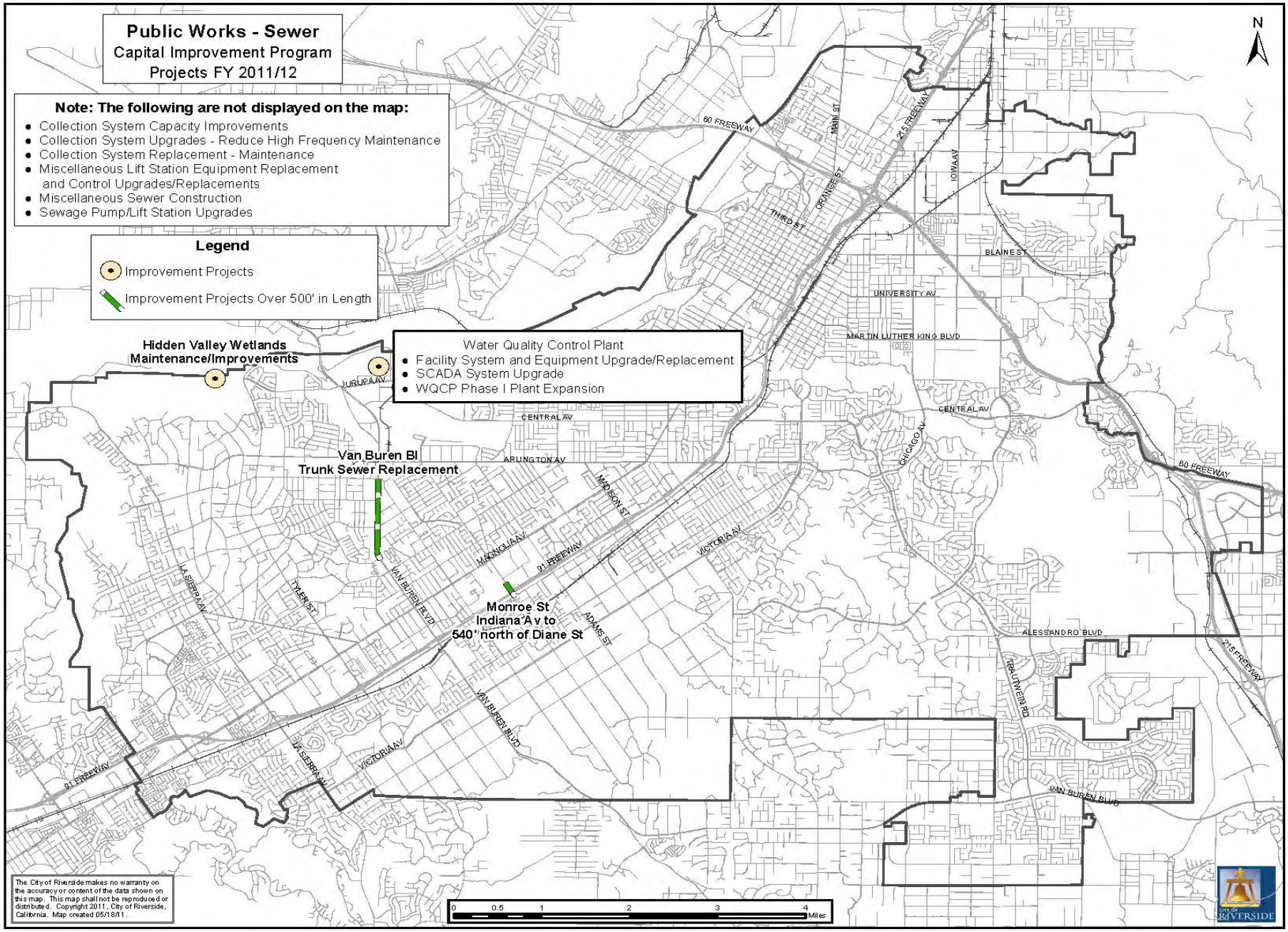
This Page Intentionally Left Blank

2011/12 to 2015/16

Capital Improvement Program - Sewer

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Sewer Fund (550)	Total
SW-1	Compliance with Regs.	Hidden Valley Wetlands Maintenance/Improvements	-	100,000	100,000
SW-2	Plant Capacity/Repl.	Facility System and Equipment Upgrade/Replacement	-	250,000	250,000
SW-5	Plant Capacity/Repl.	SCADA System Upgrade	-	50,000	50,000
SW-7	Plant Capacity/Repl.	WQCP Phase I Plant Expansion	-	35,229,335	35,229,335
SW-14	Sewer Projects	Miscellaneous Sewer Construction	-	200,000	200,000
SW-15	Sewer Projects	Miscellaneous Lift Station Equipment and Control Upgrades/Replacements	-	100,000	100,000
SW-16	Sewer Projects	Sewage Pump/Lift Station Upgrades	-	1,200,000	1,200,000
SW-17	Sewer Projects	Collection System Upgrades - Reduce High Frequency Maintenance	-	500,000	500,000
SW-18	Sewer Projects	Collection System Replacement - Maintenance	-	5,000,000	5,000,000
SW-19	Sewer Projects	Collection System Capacity Improvements	-	5,500,000	5,500,000
SW-20	Sewer Projects	Van Buren Blvd. Trunk Sewer Replacement - Jackson St. to Challen Ave.	-	6,200,000	6,200,000
SW-21	Sewer Projects	Monroe St from 540' N. of Diana St to Indiana Ave	-	400,000	400,000
		Total	**-**	**54,729,335**	**54,729,335**


Public Works - Sewer
Capital Improvement Program
Projects FY 2011/12
Note: The following are not displayed on the map:
Collection System Capacity Improvements
Collection System Upgrades - Reduce High Frequency Maintenance
Collection System Replacement - Maintenance
Miscellaneous Lift Station Equipment Replacement and Control Upgrades/Replacements
Miscellaneous Sewer Construction
Sewage Pump/Lift Station Upgrades
Legend
Improvement Projects
Improvement Projects Over 500' in Length
Hidden Valley Wetlands Maintenance/Improvements
Water Quality Control Plant
Facility System and Equipment Upgrade/Replacement
SCADA System Upgrade
WQCP Phase I Plant Expansion
Van Buren Bl Trunk Sewer Replacement
Monroe St Indiana Av to 540' north of Diane St
N
60 FREEWAY
91 FREEWAY
215 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
CENTRAL AV
JURUPA AV
ARLINGTON AV
CHICAGO AV
MADISON ST
MAGNOLIA AV
VICTORIA AV
LA SIERRA AV
TYLER ST
VAN BUREN BLVD
ADAMS ST
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 2011, City of Riverside, California. Map created 05/18/11.

2011/12 to 2015/16

Capital Improvement Program - Sewer

Capital Improvement Program Summary

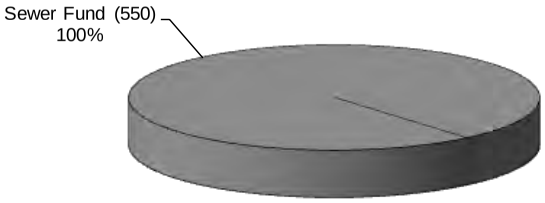
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-	-
Sewer Fund (550)	56,594,335	54,729,335	152,479,335	96,139,335	30,300,000	39,800,000	373,448,005	-
Total	**56,594,335**	**54,729,335**	**152,479,335**	**96,139,335**	**30,300,000**	**39,800,000**	**373,448,005**	**-**

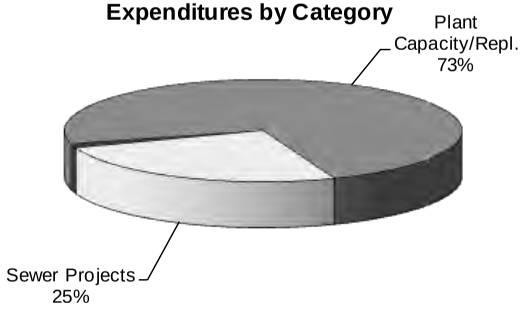
Projected Expenditures by Category

Project Category	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Compliance with Regs.	12,105,000	350,000	1,900,000	500,000	2,250,000	500,000	5,500,000	-
Plant Capacity/Repl.	38,304,335	35,279,335	138,829,335	77,139,335	5,550,000	16,800,000	273,598,005	-
Sewer Projects	6,185,000	19,100,000	11,750,000	18,500,000	22,500,000	22,500,000	94,350,000	-
Total	**56,594,335**	**54,729,335**	**152,479,335**	**96,139,335**	**30,300,000**	**39,800,000**	**373,448,005**	**-**

Expenditures by Fund



Expenditures by Category



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

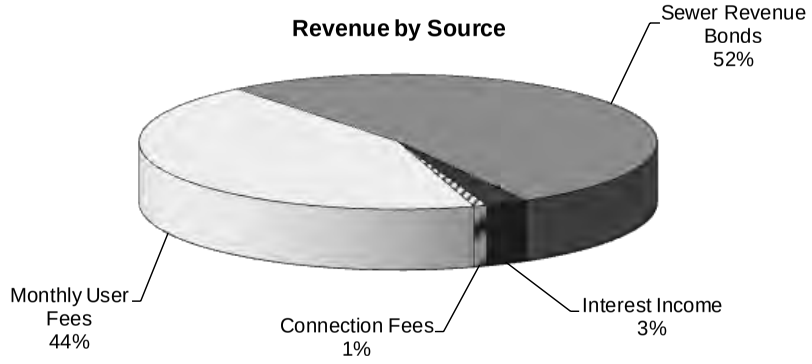
2011/12 to 2015/16

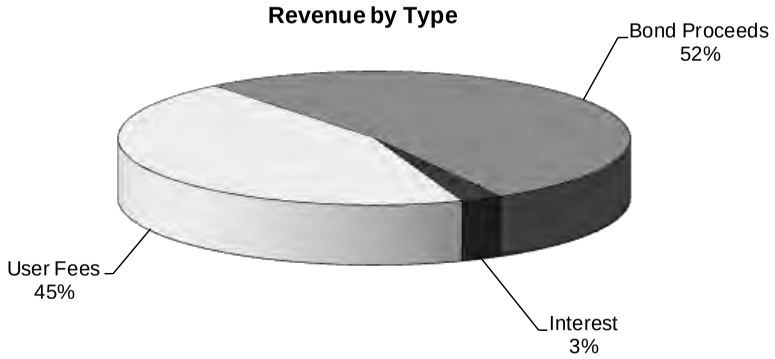
Capital Improvement Program - Sewer

Projected Capital Funding Revenue Sources by Fund

Sewer Fund (550)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Connection Fees	764,718	795,537	827,597	860,949	895,645	4,144,446
User Fees	Monthly User Fees	37,701,715	42,116,663	45,085,059	46,357,008	47,782,615	219,043,060
Bond Proceeds	Sewer Revenue Bonds	-	261,373,474	-	-	-	261,373,474
Interest	Interest Income	2,775,272	4,431,451	2,631,451	1,851,451	1,459,451	13,149,076
	Total Funds Available for Capital Improvements from Revenue	**41,241,705**	**308,717,125**	**48,544,107**	**49,069,408**	**50,137,711**	**497,710,055**
	Less: Enterprise Fund Operating Expenditures	(31,670,689)	(32,220,399)	(32,787,202)	(33,644,315)	(34,527,829)	(164,850,434)
	Adjusted Total Funds Available for Capital Improvements from Revenue	**9,571,016**	**276,496,725**	**15,756,906**	**15,425,093**	**15,609,881**	**332,859,622**





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

2011/12 to 2015/16

Capital Improvement Program - Sewer

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Sewer Fund (550)	9,571,016	276,496,725	15,756,906	15,425,093	15,609,881
2009 Sewer Revenue Bonds Construction Proceeds from Prior Year	112,074,531	57,345,196	-	-	-
2012 Sewer Revenue Bonds Construction Proceeds from Prior Year	-	-	166,239,335	70,100,000	39,800,000
Fund Balance from Prior Year - Sewer Fund (550)	35,338,831	38,668,847	35,500,099	32,965,004	30,098,097
Total Funds Available for Capital Improvements	**156,984,378**	**372,510,769**	**217,496,339**	**118,490,097**	**85,507,979**
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	(5,424,000)	(17,475,000)	(17,475,000)	(17,475,000)	(17,475,000)
Adjusted Total Funds Available for Capital Improvements	**150,743,378**	**354,218,769**	**199,204,339**	**100,198,097**	**67,215,979**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
SW-1	Compliance with Regs.	Hidden Valley Wetlands Maintenance/Improvements	(750,000)	(100,000)	(1,650,000)	-	-	-	(1,750,000)	-
SW-2	Compliance with Regs.	Facility System and Equipment Upgrade/Replacement	(2,975,000)	(250,000)	(250,000)	(500,000)	(250,000)	(500,000)	(1,750,000)	-
SW-3	Compliance with Regs.	Solids Handling Upgrade	(8,380,000)	-	-	-	(2,000,000)	-	(2,000,000)	-
SW-4	Plant Capacity/Repl.	Flow Meters	(2,150,000)	-	(350,000)	-	-	-	(350,000)	-
SW-5	Plant Capacity/Repl.	SCADA System Upgrade	(175,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
SW-6	Plant Capacity/Repl.	Energy System Upgrades	(2,500,000)	-	(14,500,000)	-	-	(250,000)	(14,750,000)	-
SW-7	Plant Capacity/Repl.	WQCP Phase I Plant Expansion	(33,479,335)	(35,229,335)	(123,229,335)	(75,229,335)	(5,000,000)	-	(238,688,005)	-
SW-8	Plant Capacity/Repl.	Additional Headworks Capacity	-	-	-	-	(500,000)	(16,500,000)	(17,000,000)	-
SW-9	Plant Capacity/Repl.	Plant Recycled Water System Improvements	-	-	-	(1,500,000)	-	-	(1,500,000)	-
SW-10	Plant Capacity/Repl.	Plant 2 RAS/WAS Pump Station 10 Valve Replacement	-	-	-	(360,000)	-	-	(360,000)	-
SW-11	Plant Capacity/Repl.	Admin Building HVAC Replacement	-	-	(700,000)	-	-	-	(700,000)	-
SW-12	Sewer Projects	Transformers T-1 and T-2 / Switch Gear A and B Replacement	-	-	(250,000)	(1,000,000)	-	-	(1,250,000)	-
SW-13	Sewer Projects	Plant 2 Rehabilitation (Based on Conditional Assessment)	-	-	-	-	(10,000,000)	(10,000,000)	(20,000,000)	-
SW-14	Sewer Projects	Miscellaneous Sewer Construction	(585,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(1,000,000)	-
SW-15	Sewer Projects	Miscellaneous Lift Station Equipment and Control Upgrades/Replacements	(800,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(500,000)	-
SW-16	Sewer Projects	Sewage Pump/Lift Station Upgrades	(1,700,000)	(1,200,000)	(1,200,000)	(1,200,000)	(1,200,000)	(1,200,000)	(6,000,000)	-
SW-17	Sewer Projects	Collection System Upgrades - Reduce High Frequency Maintenance	(1,600,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(2,500,000)	-
SW-18	Sewer Projects	Collection System Replacement - Maintenance	(500,000)	(5,000,000)	(4,000,000)	(10,000,000)	(5,000,000)	(5,000,000)	(29,000,000)	-
SW-19	Sewer Projects	Collection System Capacity Improvements	(1,000,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(5,500,000)	(27,500,000)	-
SW-20	Sewer Projects	Van Buren Blvd. Trunk Sewer Replacement - Jackson St. to Challen Ave.	-	(6,200,000)	-	-	-	-	(6,200,000)	-
SW-21	Sewer Projects	Monroe St from 540' N. of Diana St to Indiana Ave	-	(400,000)	-	-	-	-	(400,000)	-
		Total	**(56,594,335)**	**(54,729,335)**	**(152,479,335)**	**(96,139,335)**	**(30,300,000)**	**(39,800,000)**	**(373,448,005)**	**-**
		Unbudgeted Balance		**96,014,043**	**201,739,434**	**103,065,004**	**69,898,097**	**27,415,979**		

2011/12 to 2015/16

Capital Improvement Program - Sewer

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Sewer Fund (550)	Total	Funded in Prior Fiscal Years	Total Project Cost
SW-1	Compliance with Regs.	Hidden Valley Wetlands Maintenance/Improvements	-	1,750,000	1,750,000	750,000	2,500,000
SW-2	Compliance with Regs.	Facility System and Equipment Upgrade/Replacement	-	1,750,000	1,750,000	2,975,000	4,725,000
SW-3	Compliance with Regs.	Solids Handling Upgrade	-	2,000,000	2,000,000	8,380,000	10,380,000
SW-4	Plant Capacity/Repl.	Flow Meters	-	350,000	350,000	2,150,000	2,500,000
SW-5	Plant Capacity/Repl.	SCADA System Upgrade	-	250,000	250,000	175,000	425,000
SW-6	Plant Capacity/Repl.	Energy System Upgrades	-	14,750,000	14,750,000	2,500,000	17,250,000
SW-7	Plant Capacity/Repl.	WQCP Phase I Plant Expansion	-	238,688,005	238,688,005	33,479,335	272,167,340
SW-8	Plant Capacity/Repl.	Additional Headworks Capacity	-	17,000,000	17,000,000	-	17,000,000
SW-9	Plant Capacity/Repl.	Plant Recycled Water System Improvements	-	1,500,000	1,500,000	-	1,500,000
SW-10	Plant Capacity/Repl.	Plant 2 RAS/WAS Pump Station 10 Valve Replacement	-	360,000	360,000	-	360,000
SW-11	Plant Capacity/Repl.	Admin Building HVAC Replacement	-	700,000	700,000	-	700,000
SW-12	Sewer Projects	Transformers T-1 and T-2 / Switch Gear A and B Replacement	-	1,250,000	1,250,000	-	1,250,000
SW-13	Sewer Projects	Plant 2 Rehabilitation (Based on Conditional Assessment)	-	20,000,000	20,000,000	-	20,000,000
SW-14	Sewer Projects	Miscellaneous Sewer Construction	-	1,000,000	1,000,000	585,000	1,585,000
SW-15	Sewer Projects	Miscellaneous Lift Station Equipment and Control Upgrades/Replacements	-	500,000	500,000	800,000	1,300,000
SW-16	Sewer Projects	Sewage Pump/Lift Station Upgrades	-	6,000,000	6,000,000	1,700,000	7,700,000
SW-17	Sewer Projects	Collection System Upgrades - Reduce High Frequency Maintenance	-	2,500,000	2,500,000	1,600,000	4,100,000
SW-18	Sewer Projects	Collection System Replacement - Maintenance	-	29,000,000	29,000,000	500,000	29,500,000
SW-19	Sewer Projects	Collection System Capacity Improvements	-	27,500,000	27,500,000	1,000,000	28,500,000
SW-20	Sewer Projects	Van Buren Blvd. Trunk Sewer Replacement - Jackson St. to Challen Ave.	-	6,200,000	6,200,000	-	6,200,000
SW-21	Sewer Projects	Monroe St from 540' N. of Diana St to Indiana Ave	-	400,000	400,000	-	400,000
		Total Funded Projects	**-**	**373,448,005**	**373,448,005**	**56,594,335**	**430,042,340**

2011/12 to 2015/16

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

2011/12	2012/13	2013/14	2014/15	2015/16	Total
650,000	150,000	150,000	150,000	150,000	1,250,000

Introduction

The five-year Capital Improvement Program for the Storm Drain Fund totals $1,250,000. The FY 2011/12 CIP totals $650,000.

Two storm drain improvement projects being proposed in the five-year Capital Improvement Program are: Complete Hole Lake Channel for $500,000 and Miscellaneous Storm Drain Construction at $750,000 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.

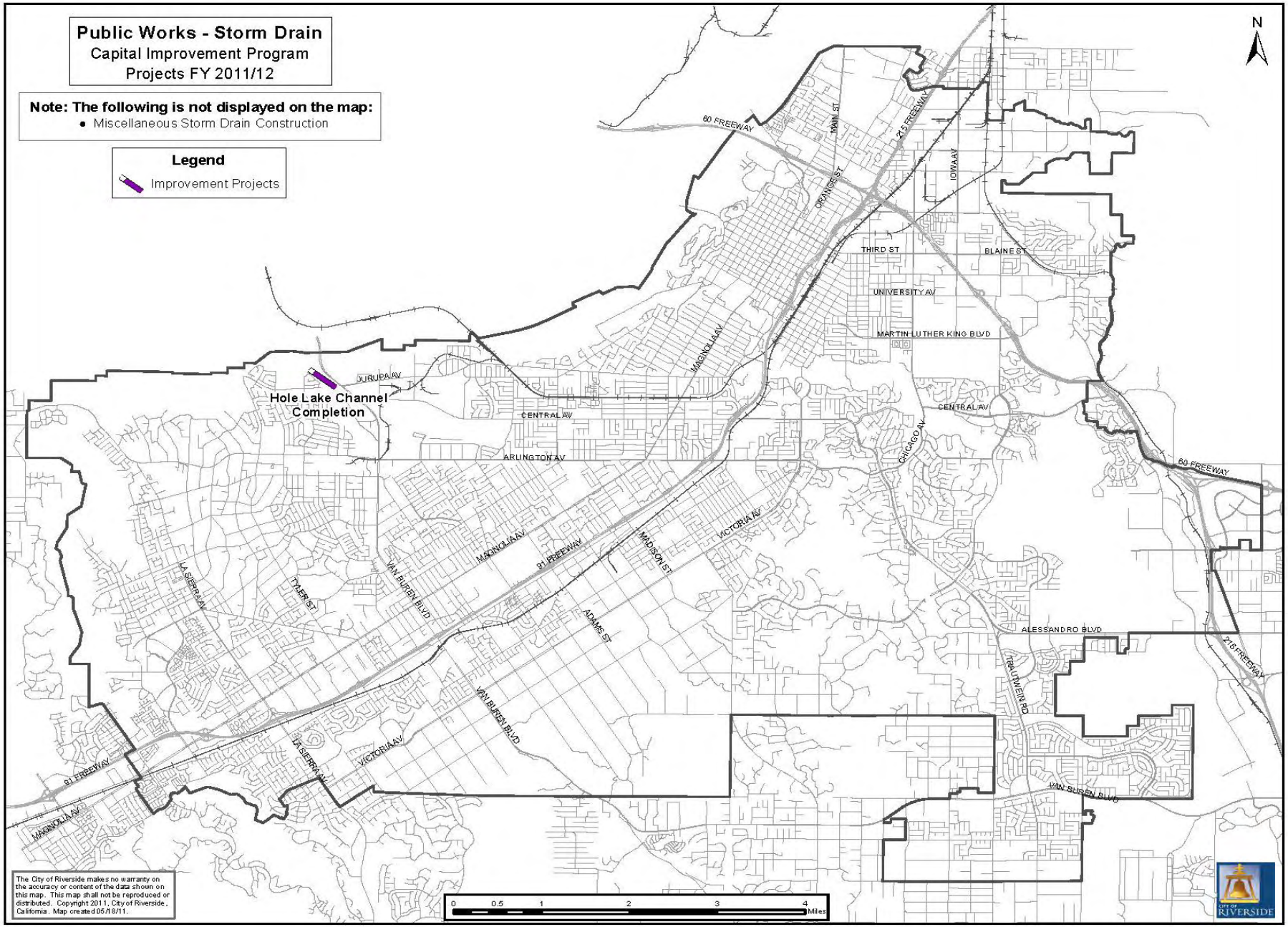
The existing Monticello Channel between Magnolia and Van Buren is in excess of 50 years old and requires replacement. The channel is constructed of un-reinforced concrete and is regularly damaged during heavy rains. Although the channel is regularly maintained and repaired, replacement is the only long term alternative. The estimated replacement cost is approximately $20 million, which is beyond the resources of the Storm Drain Fund. Since this facility is regional in nature, the Public Works Department is working with the Riverside County Flood Control District to fund its replacement and assume ownership of the facility. Construction is expected to begin in 2012.

2011/12 to 2015/16

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	Construction	Complete Hole Lake Channel	-	500,000	500,000
SD-2	Recurring Projects	Miscellaneous Storm Drain Construction	-	150,000	150,000
		Total	**-**	**650,000**	**650,000**


Public Works - Storm Drain
Capital Improvement Program
Projects FY 2011/12
Note: The following is not displayed on the map:
• Miscellaneous Storm Drain Construction
Legend
Improvement Projects
Hole Lake Channel Completion
60 FREEWAY
91 FREEWAY
215 FREEWAY
MAIN ST
ORANGE ST
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
MAGNOLIA AV
JURUPA AV
CENTRAL AV
ARLINGTON AV
CHICAGO AV
MADISON ST
VICTORIA AV
VAN BUREN BLVD
LA SIERRA AV
TYLER ST
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN RD
N
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 2011, City of Riverside, California. Map created 05/18/11.
CITY OF RIVERSIDE

2011/12 to 2015/16

Capital Improvement Program - Storm Drain

Capital Improvement Program Summary

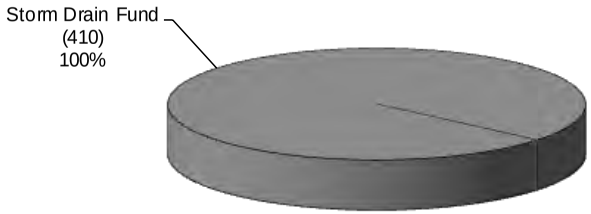
Projected Expenditures by Fund

Fund	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Storm Drain Fund (410)	650,000	150,000	150,000	150,000	150,000	1,250,000	20,000,000
Total	**650,000**	**150,000**	**150,000**	**150,000**	**150,000**	**1,250,000**	**20,000,000**

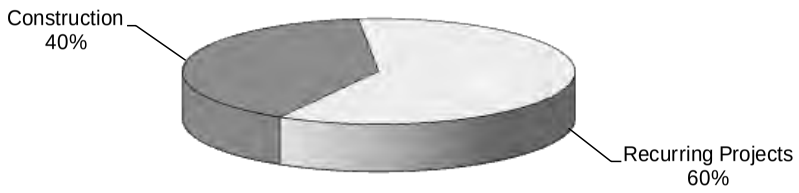
Projected Expenditures by Category

Project Category	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Construction	500,000	-	-	-	-	500,000	20,000,000
Recurring Projects	150,000	150,000	150,000	150,000	150,000	750,000	-
Total	**650,000**	**150,000**	**150,000**	**150,000**	**150,000**	**1,250,000**	**20,000,000**

Expenditures by Fund



Expenditures by Category



NOTE: Pie Charts do not included unfunded projects.

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

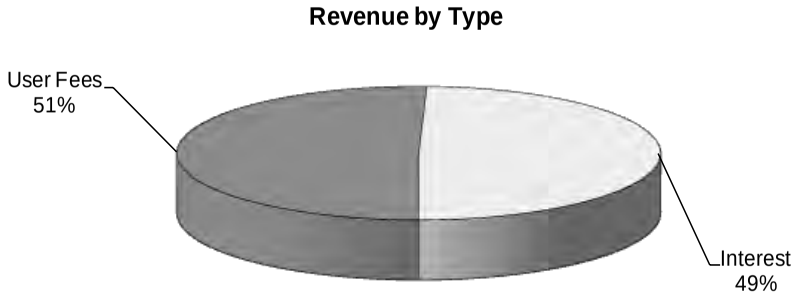
2011/12 to 2015/16

Capital Improvement Program - Storm Drain

Projected Capital Funding Revenue Sources by Fund

Storm Drain Fund (410)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Storm Drain Fees	70,000	100,000	100,000	100,000	100,000	470,000
Interest	Interest Income	60,000	100,000	100,000	100,000	100,000	460,000
	Total Funds Available for Capital Improvements from Revenue	**130,000**	**200,000**	**200,000**	**200,000**	**200,000**	**930,000**



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

2011/12 to 2015/16

Capital Improvement Program - Storm Drain

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Storm Drain Fund (410)	130,000	200,000	200,000	200,000	200,000
Fund Balance from Prior Year - Storm Drain Fund (410)	1,100,598	530,598	530,598	530,598	530,598
Total Funds Available for Capital Improvements	**1,230,598**	**730,598**	**730,598**	**730,598**	**730,598**
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	**1,180,598**	**680,598**	**680,598**	**680,598**	**680,598**

Project Number	Project Type	Project Description	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
SD-1	Construction	Complete Hole Lake Channel	(500,000)	-	-	-	-	(500,000)	-
SD-2	Recurring Projects	Miscellaneous Storm Drain Construction	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)	(750,000)	-
SD-UF-1	Construction	Monticello Channel	-	-	-	-	-	-	(20,000,000)
		Total	**(650,000)**	**(150,000)**	**(150,000)**	**(150,000)**	**(150,000)**	**(1,250,000)**	**(20,000,000)**
		Unbudgeted Balance	**530,598**	**530,598**	**530,598**	**530,598**	**530,598**		

2011/12 to 2015/16

Capital Improvement Program - Storm Drain

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Storm Drain Fund (410)	Total
SD-1	Construction	Complete Hole Lake Channel - northwest of Van Buren and Arlington	-	500,000	500,000
SD-2	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.	-	750,000	750,000
		Total Funded Projects	**-**	**1,250,000**	**1,250,000**

2011/12 to 2015/16

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
SD-UF-1	Construction	Monticello Channel - Replacement of the Monticello Channel.	-	-	20,000,000	20,000,000
		Total Unfunded Projects	**-**	**-**	**20,000,000**	**20,000,000**

Program Summary

20111/12	2012/13	2013/14	2014/15	2015/16	Total
50,000	50,000	-0-	-0-	-0-	100,000

Introduction

The five-year capital improvement program for the Refuse Fund totals $100,000. One capital project is proposed for Fiscal Year 2011/12 totaling $50,000.

The Refuse CIP was developed for the closure and long-term maintenance of the landfill. The State required capital improvements at the Tequesquite Landfill for the closure have been completed. Only equipment upgrades/replacements for the gas generation complex to ensure system reliability are included in the CIP.

The landfill requires routine maintenance to correct settlement and erosion of the cover. In addition, the State requires quarterly ground water monitoring and effective removal of methane gas collected under the permanent cover. These expenditures are reflected within the CIP as non-capital improvement expenditures.

Key Revenues and Funding Sources

Funding for the Refuse Fund capital improvement program is derived from the collection of a user fee on commercial trash disposal throughout the City.

Future CIP Considerations

State required capital improvements at the Tequesquite Landfill have been completed. The requirement for future projects will be determined from mandated gas and groundwater monitoring currently being undertaken.

2011/12 to 2015/16

Capital Improvement Program - Refuse

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Refuse Collection Fund (540)	Total
RF-1	Compliance with Regs	Landfill Equipment Upgrade/Replacement	-	50,000	50,000
		Total	**-**	**50,000**	**50,000**

This Page Intentionally Left Blank

There is no Map for this Section

2011/12 to 2015/16

Capital Improvement Program - Refuse

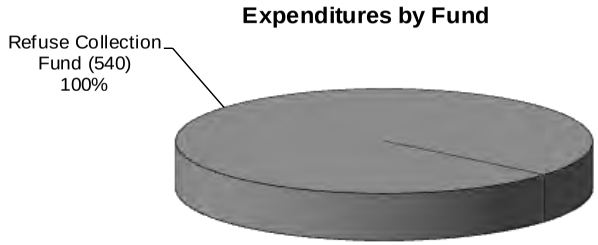
Capital Improvement Program Summary

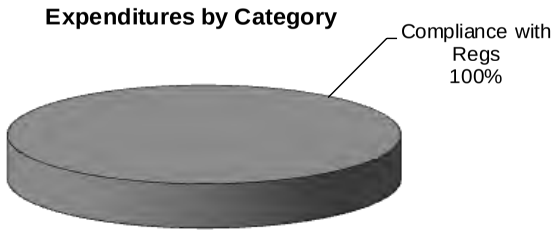
Projected Expenditures by Fund

Fund	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Refuse Collection Fund (540)	50,000	50,000	-	-	-	100,000	-
Total	**50,000**	**50,000**	**-**	**-**	**-**	**100,000**	**-**

Projected Expenditures by Category

Project Category	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Compliance with Regs	50,000	50,000	-	-	-	100,000	-
Total	**50,000**	**50,000**	**-**	**-**	**-**	**100,000**	**-**





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

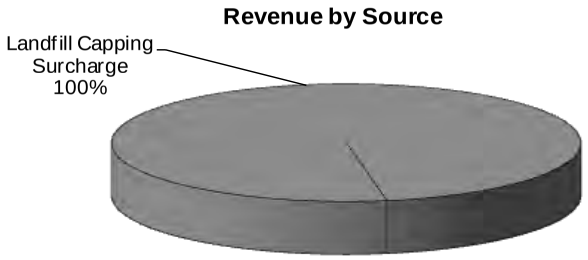
2011/12 to 2015/16

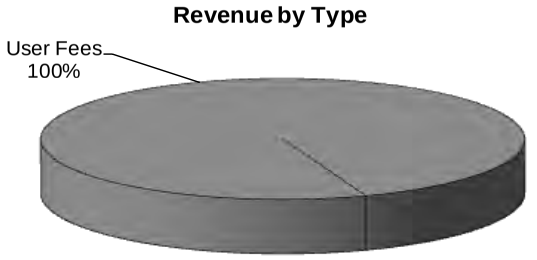
Capital Improvement Program - Refuse

Projected Capital Funding Revenue Sources by Fund

Refuse Collection Fund (540)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Landfill Capping Surcharge	451,850	463,146	474,725	486,593	498,758	2,375,072
Interest	Interest Income	-	-	-	-	-	-
	Total Funds Available for Capital Improvements from Revenue	**451,850**	**463,146**	**474,725**	**486,593**	**498,758**	**2,375,072**





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

2011/12 to 2015/16

Capital Improvement Program - Refuse

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Refuse Collection Fund (540)	451,850	463,146	474,725	486,593	498,758
Fund Balance from Prior Year - Refuse Collection Fund (540)	1,982,337	2,025,187	2,069,333	2,165,058	2,262,651
Total Funds Available for Capital Improvements	**2,434,187**	**2,488,333**	**2,544,058**	**2,651,651**	**2,761,409**
Less: Adjustments for Non-Capital Expenditures					
Ground Water Testing & Monitoring	(130,000)	(135,000)	(140,000)	(145,000)	(150,000)
Landfill Cover Maintenance	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)
Landfill Operations and Maintenance	(70,000)	(70,000)	(70,000)	(70,000)	(70,000)
Rule 1150.1 Compliance (Surface Gas Monitoring)	(59,000)	(64,000)	(69,000)	(74,000)	(79,000)
Adjusted Total Funds Available for Capital Improvements	**2,075,187**	**2,119,333**	**2,165,058**	**2,262,651**	**2,362,409**

Project Number	Project Type	Project Description	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
RF-1	Compliance with Regs	Landfill Equipment Upgrade/Replacement	(50,000)	(50,000)	-	-	-	(100,000)	-
		Total	**(50,000)**	**(50,000)**	**-**	**-**	**-**	**(100,000)**	**-**
		Unbudgeted Balance	**2,025,187**	**2,069,333**	**2,165,058**	**2,262,651**	**2,362,409**		

2011/12 to 2015/16

Capital Improvement Program - Refuse

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Refuse Collection Fund (540)	Total
RF-1	Compliance with Regs	Landfill Equipment Upgrade/Replacement - Replacement of miscellaneous equipment at landfill gas generation complex to ensure system reliability	-	100,000	100,000
		Total Funded Projects	**-**	**100,000**	**100,000**

2011/12 to 2015/16

Capital Improvement Program - Refuse

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Refuse Collection Fund (540)	Total
		There are no unfunded capital projects currently identified.			
		Total Unfunded Projects	**-**	**-**	**-**

2011/12 to 2015/16
Capital Improvement Program – Public Parking
Program Summary

.

2011/12	2012/13	2013/14	2014/15	2015/16	Total
300,000	-0-	-0-	-0-	-0-	300,000

Introduction

The five-year Capital Improvement Program (CIP) for the Parking Services Fund totals $300,000. The fiscal year 2011/12 CIP is proposed to be $300,000 for new revenue control equipment for Garages 1, 2, and 3.

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.

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

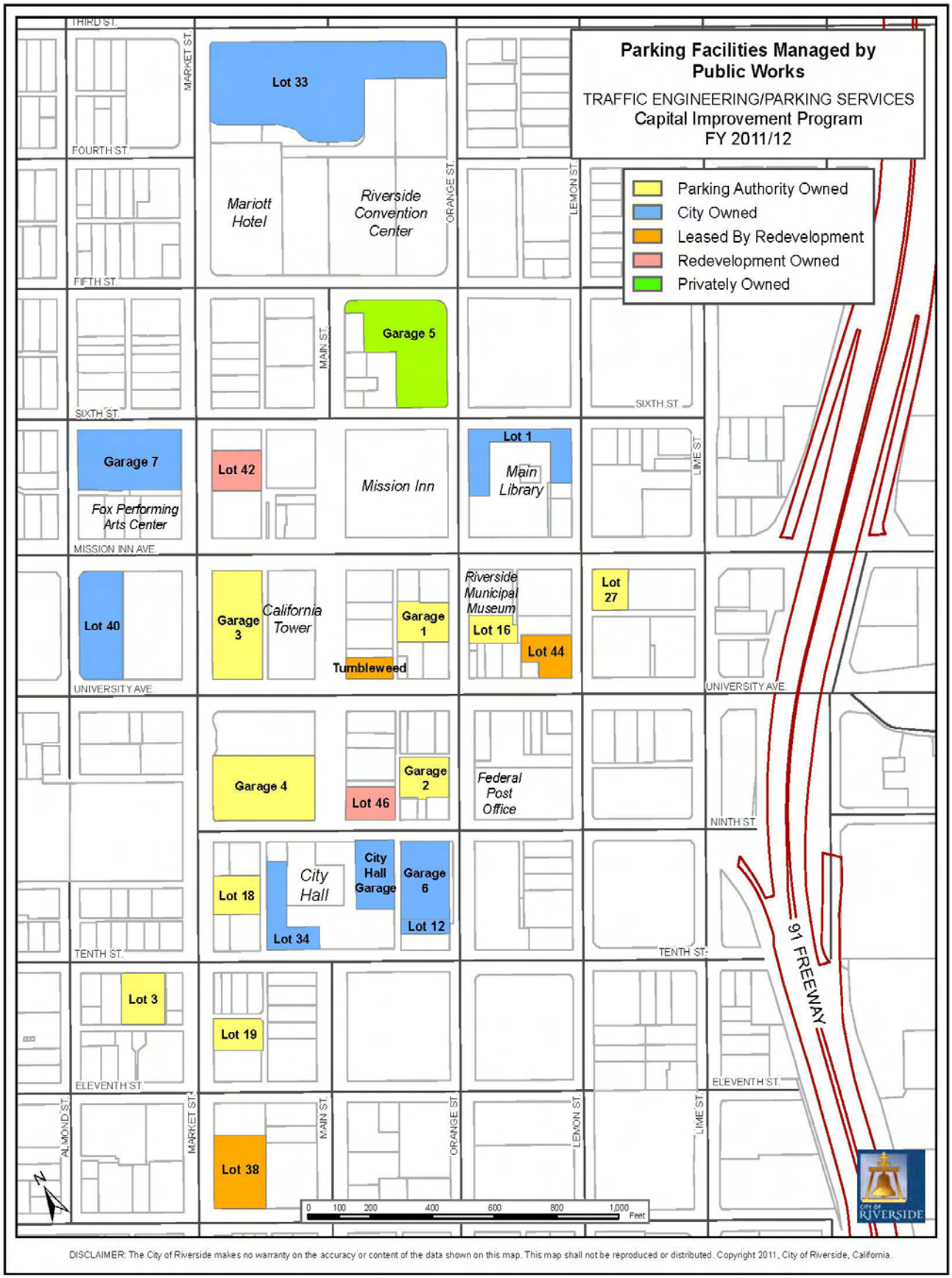
Public Works staff will continue to evaluate the City's parking facilities and will add new projects to the CIP as required.

2011/12 to 2015/16

Capital Improvement Program - Public Parking

Budgeted Projects - Year One

Project Number	Project Type	Project Description	General Fund (101)	Public Parking Fund (570)	Total
PA-1	Garage Equipment	Revenue Equipment for Garages	-	300,000	300,000
		Total	**-**	**300,000**	**300,000**



DISCLAIMER: 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 2011, City of Riverside, California.

2011/12 to 2015/16

Capital Improvement Program - Public Parking

Capital Improvement Program Summary

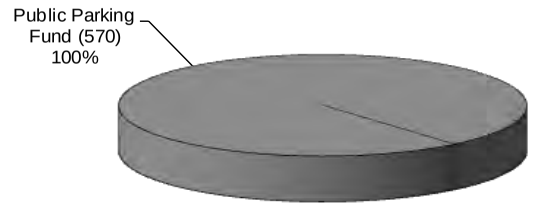
Projected Expenditures by Fund

Fund	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-	-
Public Parking Fund (570)	-	300,000	-	-	-	-	300,000	-
Total	**-**	**300,000**	**-**	**-**	**-**	**-**	**300,000**	**-**

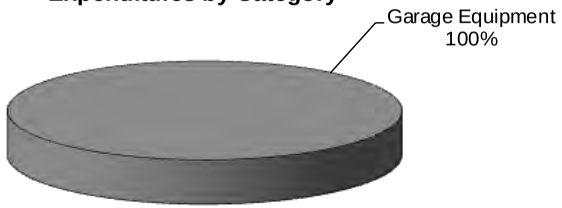
Projected Expenditures by Category

Project Category	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Garage Equipment	-	300,000	-	-	-	-	300,000	-
Total	**-**	**300,000**	**-**	**-**	**-**	**-**	**300,000**	**-**

Expenditures by Fund



Expenditures by Category



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

2011/12 to 2015/16

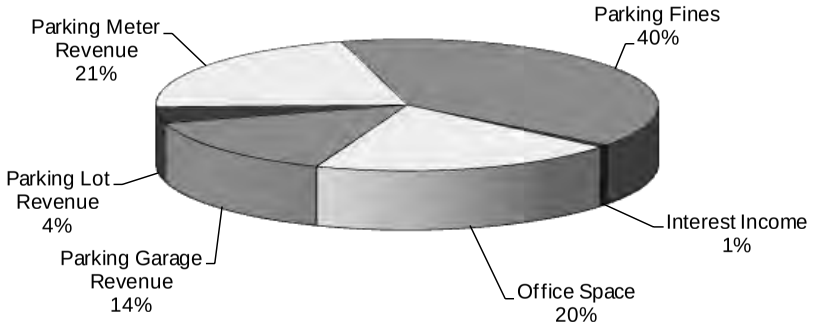
Capital Improvement Program - Public Parking

Projected Capital Funding Revenue Sources by Fund

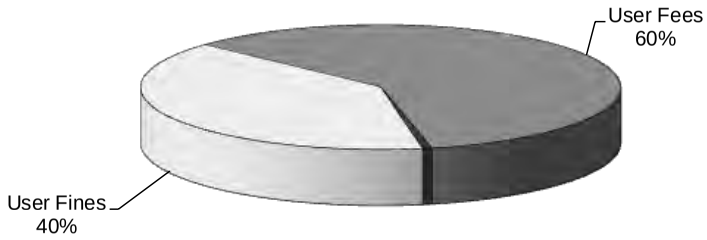
Public Parking Fund (570)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Office Space	976,476	1,208,005	1,244,246	1,281,573	1,320,019	6,030,319
User Fees	Other Parking Receipts	3,500	3,500	3,500	3,500	3,500	17,500
User Fees	Parking Garage Revenue	838,321	892,814	894,352	895,936	937,617	4,459,040
User Fees	Parking Lot Revenue	250,000	250,000	250,000	250,000	252,000	1,252,000
User Fees	Parking Meter Revenue	1,295,000	1,295,000	1,295,000	1,295,000	1,306,570	6,486,570
User Fines	Parking Fines	2,365,000	2,412,300	2,412,300	2,412,300	2,532,915	12,134,815
Interest	Interest Income	40,000	40,000	40,000	40,000	40,000	200,000
	Total Funds Available for Capital Improvements from Revenue	**5,768,297**	**6,101,619**	**6,139,398**	**6,178,309**	**6,392,621**	**30,580,244**
Less: Enterprise Fund Operating Expenditures		(3,297,406)	(3,357,179)	(3,456,099)	(3,553,000)	(3,647,970)	(17,311,654)
	Adjusted Total Funds Available for Capital Improvements from Revenue	**2,470,891**	**2,744,440**	**2,683,299**	**2,625,309**	**2,744,651**	**13,268,590**

Revenue by Source



Revenue by Type



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

2011/12 to 2015/16

Capital Improvement Program - Public Parking

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Public Parking Fund (570)	2,470,891	2,744,440	2,683,299	2,625,309	2,744,651
Fund Balance from Prior Year - Public Parking Fund (570)	2,255,461	1,350,648	1,019,384	944,699	862,304
Total Funds Available for Capital Improvements	**4,726,352**	**4,095,088**	**3,702,683**	**3,570,008**	**3,606,955**
Less: Adjustments for Non-Capital Expenditures					
Debt Service - Parking Garage 6 COPS	(840,000)	(840,000)	(840,000)	(840,000)	(840,000)
Debt Service - Parking Garage 7 Bank Loan	(1,746,704)	(1,746,704)	(1,746,704)	(1,746,704)	(1,746,704)
Debt Service - Parking Garages 1 & 2 Interfund Loan #1	(368,000)	(368,000)	(50,280)	-	-
Debt Service - Parking Garages 1 & 2 Interfund Loan #2	(121,000)	(121,000)	(121,000)	(121,000)	(121,000)
Adjusted Total Funds Available for Capital Improvements	**1,650,648**	**1,019,384**	**944,699**	**862,304**	**899,251**

Project Number	Project Type	Project Description	Prior Fiscal Years	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
PA-1	Garage Equipment	Revenue Equipment for Garages	-	(300,000)	-	-	-	-	(300,000)	-
		Total	**-**	**(300,000)**	**-**	**-**	**-**	**-**	**(300,000)**	**-**
		Unbudgeted Balance		**1,350,648**	**1,019,384**	**944,699**	**862,304**	**899,251**		

2011/12 to 2015/16

Capital Improvement Program - Public Parking

Funded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Public Parking Fund (570)	Total	Funded in Prior Fiscal Years	Total Project Cost
PA-1	Garage Equipment	Revenue Equipment for Garages - New revenue control equipment for Garages 1, 2 and 3	-	300,000	300,000	-	300,000
		Total Funded Projects	**-**	**300,000**	**300,000**	**-**	**300,000**

2011/12 to 2015/16

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	**-**	**-**	**-**

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
7,525,000	4,525,000	2,325,000	3,125,000	5,125,000	22,625,000

Introduction

The five-year Capital Improvement Program for the Airport totals $22,625,000. The FY 2011/12 CIP is proposed to be $7,525,000. The FY 2011/12 CIP includes projects such as site preparation for the North Side Taxiway Project 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.

Successful revenue generation resulting from this growth has had a dramatic impact on the reduction of the Airport's capital program debt, while providing the resources to pay down the remaining debt completely. The strength of the Airport's fiscal policy therefore provides for continued investment in the Airport's growth and infrastructure through this CIP.

Airport CIP projects consist of airfield projects that are 95% 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 2011/12, $221,875 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, 3.16% (or $715,625) of the $22.7 million dollar program is funded from the Airport's Fund Balance.

Future CIP Considerations

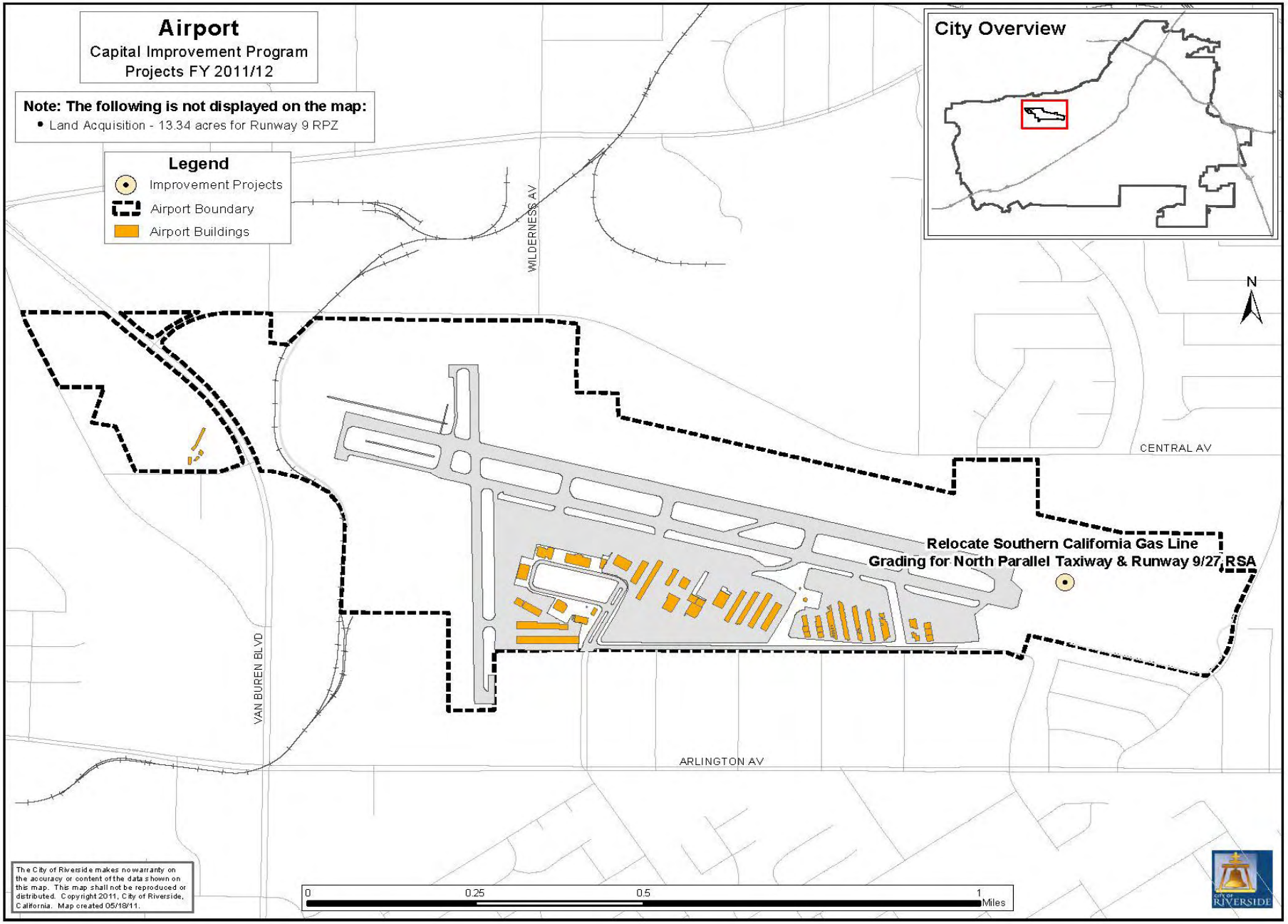
No unfunded capital projects have been identified at this time. Airport staff will continue to evaluate the Airport's facilities and will add new projects to the CIP as required.

2011/12 to 2015/16

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	Grading for North Parallel Taxiway & Runway 9/27 RSA	-	105,000	95,000	3,800,000	4,000,000
AP-2	Construction	Relocate Southern California Gas Line	-	21,000	19,000	760,000	800,000
AP-3	Development	Land Acquistion 13.34 acres for Runway 9 RPZ	-	70,875	64,125	2,565,000	2,700,000
AP-14	Recurring Projects	Annual Pavement Preservation	-	25,000	-	-	25,000
		Total	**-**	**221,875**	**178,125**	**7,125,000**	**7,525,000**


Airport
Capital Improvement Program
Projects FY 2011/12
Note: The following is not displayed on the map:
• Land Acquisition - 13.34 acres for Runway 9 RPZ
Legend
Improvement Projects
Airport Boundary
Airport Buildings
City Overview
WILDERNESS AV
CENTRAL AV
VAN BUREN BLVD
ARLINGTON AV
N
Relocate Southern California Gas Line
Grading for North Parallel Taxiway & Runway 9/27 RSA
0
0.25
0.5
1
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 2011, City of Riverside, California. Map created 05/18/11.

2011/12 to 2015/16

Capital Improvement Program - Airport

Capital Improvement Program Summary

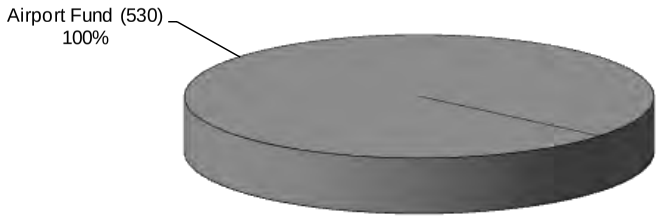
Projected Expenditures by Fund

Fund	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Airport Fund (530)	7,525,000	4,525,000	2,325,000	3,125,000	5,125,000	22,625,000	-
Total	**7,525,000**	**4,525,000**	**2,325,000**	**3,125,000**	**5,125,000**	**22,625,000**	**-**

Projected Expenditures by Category

Project Category	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Construction	7,500,000	4,500,000	2,300,000	3,100,000	5,100,000	22,500,000	-
Recurring Projects	25,000	25,000	25,000	25,000	25,000	125,000	-
Total	**7,525,000**	**4,525,000**	**2,325,000**	**3,125,000**	**5,125,000**	**22,625,000**	**-**

Expenditures by Fund



Expenditures by Category

NOTE: Pie Charts do not included unfunded projects.

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

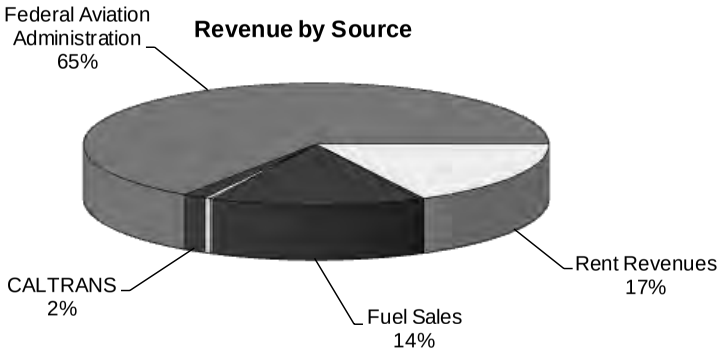
2011/12 to 2015/16

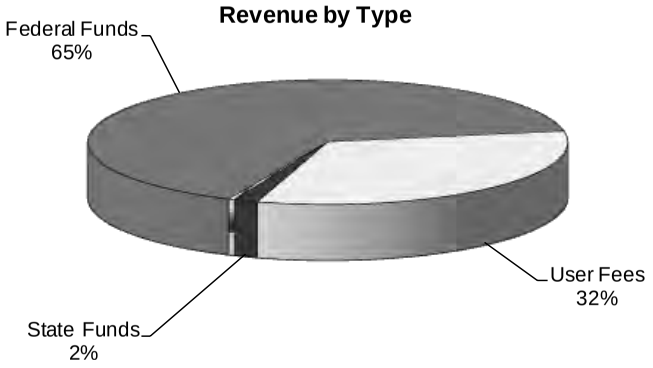
Capital Improvement Program - Airport

Projected Capital Funding Revenue Sources by Fund

Airport Fund (530)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Rent Revenues	982,166	1,011,631	1,112,794	1,224,073	1,346,481	5,677,145
User Fees	Landing and Tie Down Fees	27,120	27,934	28,772	29,635	30,524	143,984
User Fees	Jet-A & 100-LL Fuel Sales	729,600	951,488	980,033	1,009,434	1,039,717	4,710,271
User Fees	Fuel Flowage Fee	14,098	14,521	14,957	15,405	15,867	74,848
Tax Revenues	Non-Commercial Aircraft Tax	25,000	25,750	26,523	27,318	28,138	132,729
State Funds	CALTRANS	178,125	106,875	54,625	73,625	121,125	534,375
Federal Funds	Federal Aviation Administration	7,125,000	4,275,000	2,185,000	2,945,000	4,845,000	21,375,000
	Total Funds Available for Capital Improvements from Revenue	**9,081,109**	**6,413,199**	**4,402,703**	**5,324,490**	**7,426,851**	**32,648,352**
Less: Enterprise Fund Operating Expenditures		(2,013,051)	(2,073,443)	(2,135,646)	(2,199,715)	(2,265,707)	(10,687,561)
	Adjusted Total Funds Available for Capital Improvements from Revenue	**7,068,058**	**4,339,756**	**2,267,058**	**3,124,775**	**5,161,145**	**21,960,791**





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

2011/12 to 2015/16

Capital Improvement Program - Airport

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Airport Fund (530)	7,068,058	4,339,756	2,267,058	3,124,775	5,161,145
Fund Balance from Prior Year - Airport Fund (530)	706,268	249,326	64,082	6,140	5,914
Total Funds Available for Capital Improvements	**7,774,326**	**4,589,082**	**2,331,140**	**3,130,914**	**5,167,059**

Project Number			2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
AP-1	Construction	Grading for North Parallel Taxiway & Runway 9/27 RSA	(4,000,000)	-	-	-	-	(4,000,000)	-
AP-2	Construction	Relocate Southern California Gas Line	(800,000)	-	-	-	-	(800,000)	-
AP-3	Development	Land Acquistion 13.34 acres for Runway 9 RPZ	(2,700,000)	-	-	-	-	(2,700,000)	-
AP-4	Construction	Apron Rehabilitation Including Tank Removal	-	(500,000)	-	-	-	(500,000)	-
AP-5	Construction	Construct North Parallel Taxiway inluding Lighting & Signs	-	(4,000,000)	-	-	-	(4,000,000)	-
AP-6	Construction	Construct Electrical Vault - Including Generator	-	-	(300,000)	-	-	(300,000)	-
AP-7	Construction	Construct Perimeter Road - Runway Incursion Prevention	-	-	(2,000,000)	-	-	(2,000,000)	-
AP-8	Construction	Apron Rehabilitation Including Drainage Improvements, Phase 1	-	-	-	(2,500,000)	-	(2,500,000)	-
AP-9	Construction	Runway 16/34 Overlay and Marking	-	-	-	(600,000)	-	(600,000)	-
AP-10	Construction	Apron Rehabilitation, Including Drainage Improvements, Phase 2	-	-	-		(2,500,000)	(2,500,000)	-
AP-11	Construction	Install Runway 9/27 Medium Intensity Runway Lights	-	-	-	-	(1,200,000)	(1,200,000)	-
AP-12	Construction	Runway 9/27 RSA Improvement: Relocate Railroad Tracks	-	-	-	-	(1,000,000)	(1,000,000)	-
AP-13	Construction	Westside Apron Project	-	-	-	-	(400,000)	(400,000)	-
AP-14	Recurring Projects	Annual Pavement Preservation	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(125,000)	-
		Total	**(7,525,000)**	**(4,525,000)**	**(2,325,000)**	**(3,125,000)**	**(5,125,000)**	**(22,625,000)**	**-**
		Unbudgeted Balance	**249,326**	**64,082**	**6,140**	**5,914**	**42,059**		

2011/12 to 2015/16

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	Grading for North Parallel Taxiway & Runway 9/27 RSA	-	105,000	95,000	3,800,000	4,000,000
AP-2	Construction	Relocate Southern California Gas Line	-	21,000	19,000	760,000	800,000
AP-3	Construction	Land Acquistion 13.34 acres for Runway 9 RPZ	-	70,875	64,125	2,565,000	2,700,000
AP-4	Construction	Apron Rehabilitation Including Tank Removal		13,125	11,875	475,000	500,000
AP-5	Construction	Construct North Parallel Taxiway inluding Lighting & Signs	-	105,000	95,000	3,800,000	4,000,000
AP-6	Construction	Construct Electrical Vault - Including Generator	-	7,875	7,125	285,000	300,000
AP-7	Construction	Construct Perimeter Road - Runway Incursion Prevention	-	52,500	47,500	1,900,000	2,000,000
AP-8	Construction	Apron Rehabilitation Including Drainage Improvements, Phase 1	-	65,625	59,375	2,375,000	2,500,000
AP-9	Construction	Runway 16/34 Overlay and Marking	-	15,750	14,250	570,000	600,000
AP-10	Construction	Apron Rehabilitation, Including Drainage Improvements, Phase 2	-	65,625	59,375	2,375,000	2,500,000
AP-11	Construction	Install Runway 9/27 Medium Intensity Runway Lights	-	31,500	28,500	1,140,000	1,200,000
AP-12	Construction	Runway 9/27 RSA Improvement: Relocate Railroad Tracks	-	26,250	23,750	950,000	1,000,000
AP-13	Construction	Westside Apron Project	-	10,500	9,500	380,000	400,000
AP-14	Construction	Annual Pavement Preservation	-	125,000	-	-	125,000
		Total Funded Projects	**-**	**715,625**	**534,375**	**21,375,000**	**22,625,000**

2011/12 to 2015/16

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

2011/12	2012/13	2013/14	2014/15	2015/16	Total
46,761,500	45,636,000	39,161,000	33,159,000	33,794,000	198,511,500

Introduction

The five-year Capital Improvement Program (CIP) for the electric system totaling $198,511,500 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, additional generation at the Riverside Energy Resource Center, 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. Major projects that were included as part of last year's CIP and retained in the Plan include:

- Replacement of deteriorating underground cable for $6.9 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 $6.9 million
- Replacement of obsolete equipment and additions at various substations for $9.7 million
- Installation of power transformer additions to support load growth at various substations for $14.1 million
- Installation of commercial and residential tract main feeders for $3.0 million
- Installation of distribution feeder equipment for $13.7 million
- Rebuild and construct new 69kV major transmission lines for two new substations for $2.2 million
- Expansion of the City's fiber communication system for $2.5 million
- Rehabilitation or replacement of deteriorating underground and overhead equipment for $8.8 million.
- SCADA system upgrades for $1.5 million
- SCE condemnation costs for $1.0 million
- Pre-engineering and design costs for system improvement projects for $8.4 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 2011/12. The licensing and permitting phase of RTRP has resulted in project delays. As such, no additional expenditures for RTRP were included in the 2011/12 CIP.

Estimated expenditures for the period 2011/12 through 2015/16 are $20.8 million more than the equivalent period in last year's CIP, excluding expenditures for RTRP and STP.

Recurring Projects

Recurring Projects consist of small system improvements, services to customers, and purchases of certain types of equipment including wood poles, transformers, meters,

Program Summary

capacitors, and minor substation equipment. Recurring Projects include:

- Installation/extension of main overhead and underground distribution lines for $16.3 million
- Installation of transformers and system upgrades for $10.0 million
- Replacement of obsolete and deteriorated distribution lines for $5.6 million
- Installation of meters, street lighting and miscellaneous repairs for $5.3 million
- Pre-engineering and design costs for $5.5 million

Total expenditures over the five-year planning period for recurring projects are estimated to be $42.7 million. Estimated expenditures for 2011/12 through 2015/16 are $15.6 million less than the equivalent period in last year's CIP.

Power Resources
The Power Resources Projects included in the CIP total $20.9 million, of which $20.8 million represents the City's ownership interest for additions and betterments at the San Onofre Nuclear Generating Station (SONGS). This amount is set by Southern California Edison, the operating agent and majority owner, and adjustments are not within the control of Riverside Public Utilities. This estimate is $1.2 million lower than the estimate reflected in the 2010/11 CIP, due to the anticipated completion of the steam generator replacement project in early 2011/12 which will extend the life of the plant through the term of the current operating license agreement (2022/23) and possibly longer.

Generation
Generation projects include funding of $100,000 for studies related to renewable energy development within the City of Riverside.

Projects Driven by Others
Projects Driven by Others generally result from street-widening projects, which may or may not require 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 2011/12 through 2015/16 are $14.5 million; or $7.3 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 projects total $39.6 million for the period 2011/12 through 2015/16 and final approval of each project will be requested as more definitive schedules are established.

Other Projects
Other Projects consist of $2.0 million to purchase a new Customer Service Billing System in 2011/12.

Key Revenues and Funding Sources

The five-year Electric CIP will be supported by various funding sources. Approximately $177.7 million will be funded with bond proceeds; $16.3 million will be funded from rates or reserves, and $4.5 million will be funded from contributions in aid of construction and outside entities.

Future CIP Considerations

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

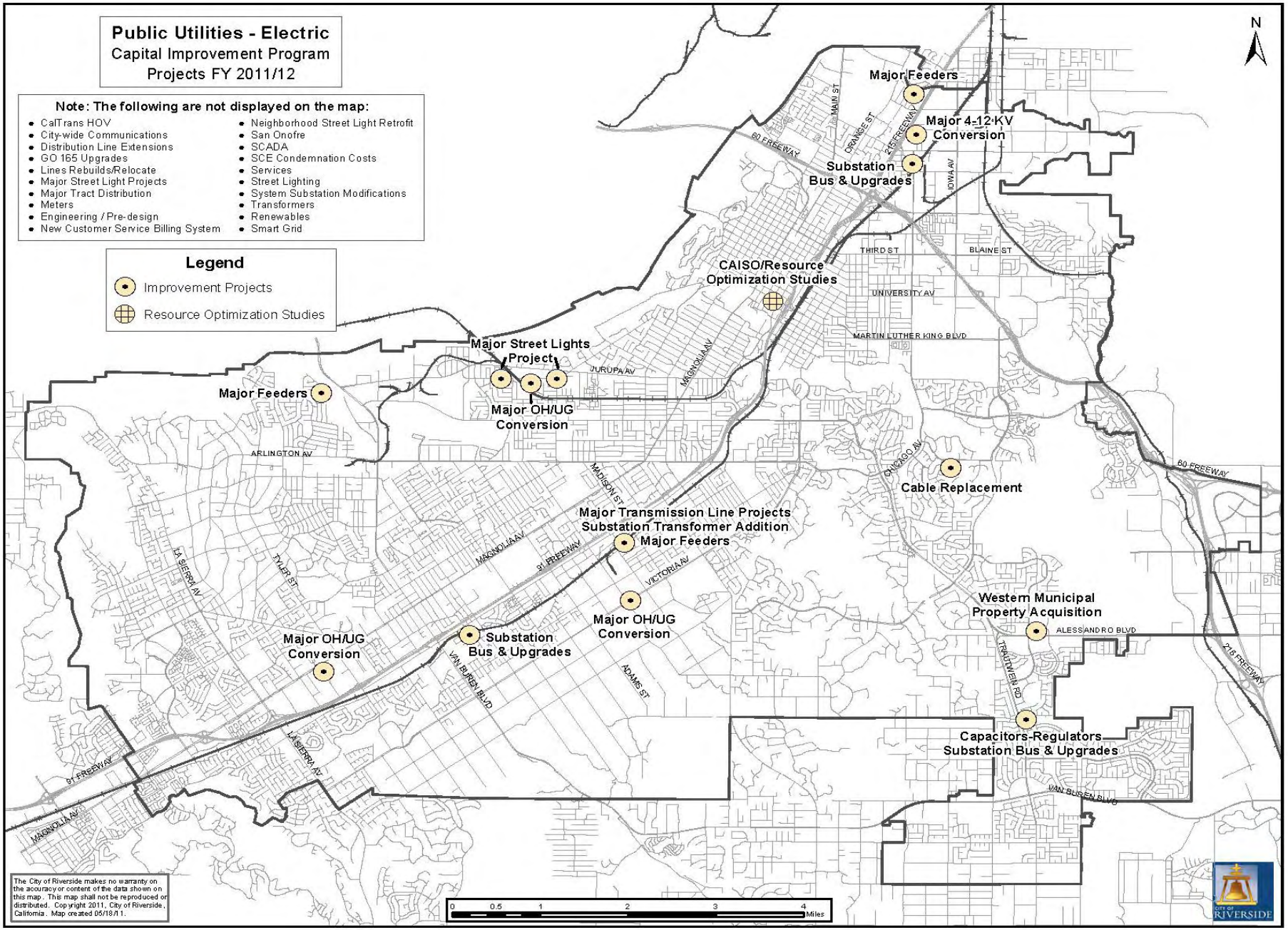
This Page Intentionally Left Blank

2011/12 to 2015/16

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	Engineering/Pre-Design	-	252,000	252,000
EL-2	Driven by Others	Major OH/UG Conversions	-	1,688,000	1,688,000
EL-3	Driven by Others	Major Street Light Projects	-	360,000	360,000
EL-4	Driven by Others	Neighborhood Street Light Retrofit (Riverside Renaissance)	-	225,000	225,000
EL-5	Driven by Others	CalTrans HOV- Non-Reimbursable	-	100,000	100,000
EL-6	Other Projects	New Customer Service Billing System	-	2,000,000	2,000,000
EL-7	Power Resources	CAISO/Resource Optimization Studies (Load Mgmt)	-	100,000	100,000
EL-8	Power Resources	San Onofre	-	4,471,000	4,471,000
EL-9	Generation	Renewables	-	100,000	100,000
EL-10	System Improvements	Engineering/Pre-Design	-	1,999,000	1,999,000
EL-11	System Improvements	Cable Replacement	-	1,414,000	1,414,000
EL-12	System Improvements	City-wide Communications	-	916,000	916,000
EL-13	System Improvements	GO 165 Upgrades /Line Rebuilds / Relocate	-	1,134,000	1,134,000
EL-14	System Improvements	Major 4-12 kV Conversion	-	356,000	356,000
EL-15	System Improvements	Major Feeders	-	1,633,000	1,633,000
EL-16	System Improvements	Major Tract Distribution	-	379,000	379,000
EL-17	System Improvements	SCADA	-	1,496,000	1,496,000
EL-18	System Improvements	SCE Condemnation Costs	-	195,000	195,000
EL-19	System Improvements	Substation Bus & Upgrades	-	4,022,000	4,022,000
EL-20	System Improvements	Substation Transformer Addition	-	4,053,000	4,053,000
EL-21	System Improvements	Major Transmission Line Projects	-	233,000	233,000
EL-22	Recurring Projects	Engineering/Pre-Design	-	1,393,000	1,393,000
EL-23	Recurring Projects	Capacitors-Regulators	-	50,000	50,000
EL-24	Recurring Projects	Distribution Line Extensions	-	2,904,000	2,904,000
EL-25	Recurring Projects	Lines Rebuilds / Relocate	-	1,499,000	1,499,000
EL-26	Recurring Projects	Meters	-	337,000	337,000
EL-27	Recurring Projects	Services	-	315,000	315,000
EL-28	Recurring Projects	Street Lighting	-	253,000	253,000
EL-29	Recurring Projects	System Substation Modifications	-	35,000	35,000
EL-30	Recurring Projects	Transformers	-	2,000,000	2,000,000
EL-31	Special Projects	Special Project - Major OH/UG Conversions (Riverside Renaissance - PW)	-	3,100,000	3,100,000
EL-32	Special Projects	Special Project - Major Street Light Projects (Riverside Renaissance - PW)	-	140,000	140,000
EL-33	Special Projects	Special Project - Neighborhood Street Light Retrofit (Riverside Renaissance)	-	1,350,000	1,350,000
EL-34	Special Projects	Special Project - SCE Condemnation Costs	-	1,000,000	1,000,000
EL-35	Special Projects	Special Project - Property Acquisition	-	2,000,000	2,000,000
EL-36	Special Projects	Special Project - Smart Grid	-	3,259,500	3,259,500
		Total	**-**	**46,761,500**	**46,761,500**


Public Utilities - Electric
Capital Improvement Program
Projects FY 2011/12
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
Engineering / Pre-design
New Customer Service Billing System
Neighborhood Street Light Retrofit
San Onofre
SCADA
SCE Condemnation Costs
Services
Street Lighting
System Substation Modifications
Transformers
Renewables
Smart Grid
Legend
Improvement Projects
Resource Optimization Studies
N
Major Feeders
Major 4-12 KV Conversion
Substation Bus & Upgrades
CAISO/Resource Optimization Studies
Major Street Lights Project
Major Feeders
Major OH/UG Conversion
Cable Replacement
Major Transmission Line Projects
Substation Transformer Addition
Major Feeders
Major OH/UG Conversion
Substation Bus & Upgrades
Major OH/UG Conversion
Western Municipal Property Acquisition
Capacitors-Regulators Substation Bus & Upgrades
MAIN ST
ORANGE ST
60 FREEWAY
215 FREEWAY
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
JURUPA AV
MAGNOLIA AV
ARLINGTON AV
CHICAGO AV
MADISON ST
91 FREEWAY
VICTORIA AV
LA SIERRA AV
TYLER ST
VAN BUREN BLVD
ADAMS ST
ALESSANDRO BLVD
TRAUTWEIN 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 2011, City of Riverside, California. Map created 05/18/11.
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE

2011/12 to 2015/16

Capital Improvement Program - Public Utilities / Electric

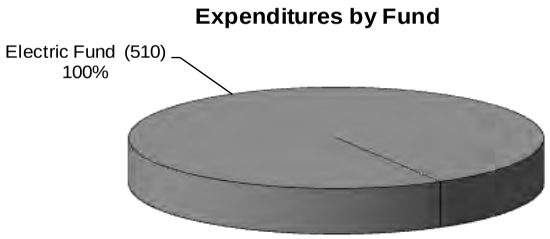
Capital Improvement Program Summary

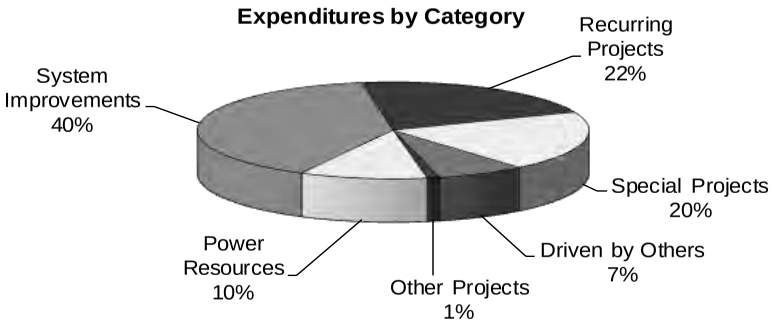
Projected Expenditures by Fund

Fund	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Electric Fund (510)	46,761,500	45,636,000	39,161,000	33,159,000	33,794,000	198,511,500	-
Total	**46,761,500**	**45,636,000**	**39,161,000**	**33,159,000**	**33,794,000**	**198,511,500**	**-**

Projected Expenditures by Category

Project Category	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
Driven by Others	2,625,000	3,025,000	3,025,000	2,925,000	2,925,000	14,525,000	-
Other Projects	2,000,000	-	-	-	-	2,000,000	-
Power Resources	4,571,000	4,611,000	4,180,000	4,040,000	3,448,000	20,850,000	-
Generation	100,000	-	-	-	-	100,000	-
System Improvements	17,830,000	15,538,000	12,925,000	15,452,000	16,932,000	78,677,000	-
Recurring Projects	8,786,000	9,111,000	8,320,000	8,392,000	8,139,000	42,748,000	-
Special Projects	10,849,500	13,351,000	10,711,000	2,350,000	2,350,000	39,611,500	-
Total	**46,761,500**	**45,636,000**	**39,161,000**	**33,159,000**	**33,794,000**	**198,511,500**	**-**





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

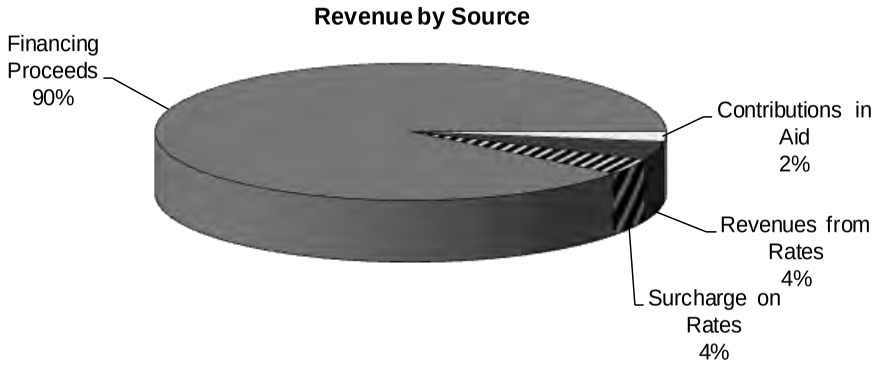
2010/12 to 2015/16

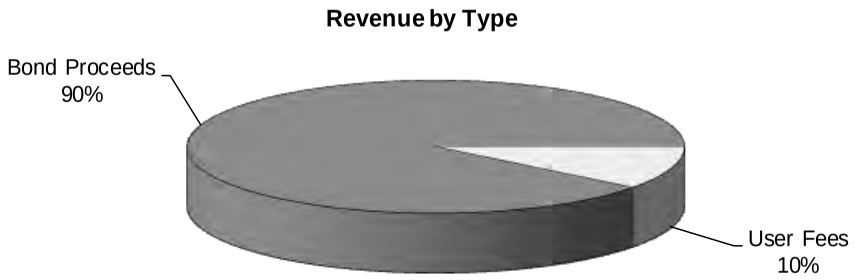
Capital Improvement Program - Public Utilities / Electric

Projected Capital Funding Revenue Sources by Fund

Electric Fund (510)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Contributions in Aid of Construction	500,000	700,000	900,000	1,200,000	1,200,000	4,500,000
User Fees	Revenues from Rates	1,949,000	1,795,000	1,654,000	1,760,000	1,695,000	8,853,000
User Fees	OH/UG and Cable Replacement 0.5% Surcharge on Rates	1,441,000	1,459,000	1,481,000	1,513,000	1,539,000	7,433,000
Bond Proceeds	Financing Proceeds	42,871,500	41,682,000	35,126,000	28,686,000	29,360,000	177,725,500
	Total Funds Available for Capital Improvements from Revenue	**46,761,500**	**45,636,000**	**39,161,000**	**33,159,000**	**33,794,000**	**198,511,500**





NOTE: Categories comprising less than 1% are not labeled.
NOTE: Riverside Renaissance Initiative Revenues are not shown.

2011/12 to 2015/16

Capital Improvement Program - Public Utilities / Electric

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Electric Fund (510)	46,761,500	45,636,000	39,161,000	33,159,000	33,794,000
Fund Balance from Prior Year [1]	-	-	-	-	-
Total Funds Available for Capital Improvements	**46,761,500**	**45,636,000**	**39,161,000**	**33,159,000**	**33,794,000**

Project Number	Project Type	Project Description	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
	Driven by Others								
EL-1	Driven by Others	Engineering/Pre-Design	(252,000)	(292,000)	(292,000)	(292,000)	(292,000)	(1,420,000)	-
EL-2	Driven by Others	Major OH/UG Conversions	(1,688,000)	(1,688,000)	(1,688,000)	(1,688,000)	(1,688,000)	(8,440,000)	-
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)	(225,000)	(585,000)	(585,000)	(585,000)	(585,000)	(2,565,000)	-
EL-5	Driven by Others	CalTrans HOV- Non-Reimbursable	(100,000)	(100,000)	(100,000)	-	-	(300,000)	-
		SubTotal	**(2,625,000)**	**(3,025,000)**	**(3,025,000)**	**(2,925,000)**	**(2,925,000)**	**(14,525,000)**	-
									-
	Other Projects								-
EL-6	Other Projects	New Customer Service Billing System	(2,000,000)	-	-	-	-	(2,000,000)	-
		SubTotal	**(2,000,000)**	**-**	**-**	**-**	**-**	**(2,000,000)**	-
									-
	Power Resources								-
EL-7	Power Resources	CAISO/Resource Optimization Studies (Load Mgmt)	(100,000)	-	-	-	-	(100,000)	-
EL-8	Power Resources	San Onofre	(4,471,000)	(4,611,000)	(4,180,000)	(4,040,000)	(3,448,000)	(20,750,000)	-
		SubTotal	**(4,571,000)**	**(4,611,000)**	**(4,180,000)**	**(4,040,000)**	**(3,448,000)**	**(20,850,000)**	**-**
									-
	Generation								-
EL-9	Generation	Renewables	(100,000)	-	-	-	-	(100,000)	
		SubTotal	**(100,000)**	**-**	**-**	**-**	**-**	**(100,000)**	**-**
	System Improvements								
EL-10	System Improvements	Engineering/Pre-Design	(1,999,000)	(1,484,000)	(1,294,000)	(1,685,000)	(1,960,000)	(8,422,000)	-
EL-11	System Improvements	Cable Replacement	(1,414,000)	(1,480,000)	(1,408,000)	(1,313,000)	(1,292,000)	(6,907,000)	-
EL-12	System Improvements	City-wide Communications	(916,000)	(506,000)	(462,000)	(374,000)	(264,000)	(2,522,000)	-
EL-13	System Improvements	GO 165 Upgrades /Line Rebuilds / Relocate	(1,134,000)	(3,134,000)	(2,186,000)	(1,351,000)	(960,000)	(8,765,000)	-
EL-14	System Improvements	Major 4-12 kV Conversion	(356,000)	(572,000)	(1,144,000)	(2,112,000)	(2,671,000)	(6,855,000)	-
EL-15	System Improvements	Major Feeders	(1,633,000)	(3,269,000)	(2,242,000)	(3,532,000)	(3,053,000)	(13,729,000)	-
EL-16	System Improvements	Major Tract Distribution	(379,000)	(467,000)	(699,000)	(699,000)	(748,000)	(2,992,000)	-
EL-17	System Improvements	SCADA	(1,496,000)	(27,000)	-	(27,000)	-	(1,550,000)	-
EL-18	System Improvements	SCE Condemnation Costs	(195,000)	(156,000)	(238,000)	(44,000)	(349,000)	(982,000)	-
EL-19	System Improvements	Substation Bus & Upgrades	(4,022,000)	(1,030,000)	(550,000)	(1,368,000)	(2,688,000)	(9,658,000)	
EL-20	System Improvements	Substation Transformer Addition	(4,053,000)	(2,931,000)	(1,253,000)	(2,947,000)	(2,947,000)	(14,131,000)	-
EL-21	System Improvements	Major Transmission Line Projects	(233,000)	(482,000)	(1,449,000)	-	-	(2,164,000)	-
		SubTotal	**(17,830,000)**	**(15,538,000)**	**(12,925,000)**	**(15,452,000)**	**(16,932,000)**	**(78,677,000)**	**-**

Project Number	Project Type	Project Description	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
	Recurring Projects								
EL-22	Recurring Projects	Engineering/Pre-Design	(1,393,000)	(1,434,000)	(976,000)	(892,000)	(814,000)	(5,509,000)	-
EL-23	Recurring Projects	Capacitors-Regulators	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(250,000)	-
EL-24	Recurring Projects	Distribution Line Extensions	(2,904,000)	(3,344,000)	(3,344,000)	(3,344,000)	(3,344,000)	(16,280,000)	-
EL-25	Recurring Projects	Lines Rebuilds / Relocate	(1,499,000)	(1,306,000)	(911,000)	(1,038,000)	(823,000)	(5,577,000)	-
EL-26	Recurring Projects	Meters	(337,000)	(337,000)	(337,000)	(337,000)	(337,000)	(1,685,000)	-
EL-27	Recurring Projects	Services	(315,000)	(330,000)	(370,000)	(399,000)	(439,000)	(1,853,000)	-
EL-28	Recurring Projects	Street Lighting	(253,000)	(275,000)	(297,000)	(297,000)	(297,000)	(1,419,000)	-
EL-29	Recurring Projects	System Substation Modifications	(35,000)	(35,000)	(35,000)	(35,000)	(35,000)	(175,000)	-
EL-30	Recurring Projects	Transformers	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)	(10,000,000)	-
		SubTotal	**(8,786,000)**	**(9,111,000)**	**(8,320,000)**	**(8,392,000)**	**(8,139,000)**	**(42,748,000)**	**-**
	Special Projects (One-Time)								
EL-31	Special Projects	Special Project - Major OH/UG Conversions (Riverside Renaissance - PW)	(3,100,000)	(7,100,000)	(7,100,000)	-	-	(17,300,000)	-
EL-32	Special Projects	Special Project - Major Street Light Projects (Riverside Renaissance - PW)	(140,000)	(901,000)	(1,261,000)	-	-	(2,302,000)	-
EL-33	Special Projects	Special Project - Neighborhood Street Light Retrofit (Riverside Renaissance)	(1,350,000)	(1,350,000)	(1,350,000)	(1,350,000)	(1,350,000)	(6,750,000)	-
EL-34	Special Projects	Special Project - SCE Condemnation Costs	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(5,000,000)	-
EL-35	Special Projects	Special Project - Property Acquisition	(2,000,000)	-	-	-	-	(2,000,000)	-
EL-36	Special Projects	Special Project - Smart Grid	(3,259,500)	(3,000,000)	-	-	-	(6,259,500)	-
		SubTotal	**(10,849,500)**	**(13,351,000)**	**(10,711,000)**	**(2,350,000)**	**(2,350,000)**	**(39,611,500)**	**-**
		Total	**(46,761,500)**	**(45,636,000)**	**(39,161,000)**	**(33,159,000)**	**(33,794,000)**	**(198,511,500)**	**-**
		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.

2011/12 to 2015/16

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	Engineering/Pre-Design - For various projects driven by others.	-	1,420,000	1,420,000
EL-2	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.	-	8,440,000	8,440,000
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 (Riverside Renaissance).	-	2,565,000	2,565,000
EL-5	Driven by Others	CalTrans - HOV, Non-Reimbursable.	-	300,000	300,000
EL-6	Other Projects	New Customer Service Billing System	-	2,000,000	2,000,000
EL-7	Power Resources	ISO/Resource Optimization Studies (Load Mgmt) - Development and implementation of resource optimization load studies.	-	100,000	100,000
EL-8	Power Resources	San Onofre - Steam Generator replacements and betterments.	-	20,750,000	20,750,000
EL-9	Generation	Renewables - Renewable development studies	-	100,000	100,000
EL-10	System Improvements	Engineering/Pre-Desing - For various system improvements.	-	8,422,000	8,422,000
EL-11	System Improvements	Cable Replacement - Replace aging distribution and feeder cable in the Canyon Crest area and other areas with high incidence of HMPE-type cable.	-	6,907,000	6,907,000
EL-12	System Improvements	City-wide Communications - Fiber extensions between Freeman and Orangecrest Substations and other routes.	-	2,522,000	2,522,000
EL-13	System Improvements	GO 165 Upgrades/Line rebuilds/Relocate - Rehabilitation or replacement of underground and overhead equipment identified as a result of detailed inspections.	-	8,765,000	8,765,000
EL-14	System Improvements	Major 4-12 kV Conversion - Upgrade aging, obsolete 4 kV facilities to 12 kV in the Casa Blanca, Hunter and Mt. View Substation service areas.	-	6,855,000	6,855,000
EL-15	System Improvements	Major Feeders - Construct major overhead and underground feeders in the Plaza, Casa Blanca, Harvey Lynn and Freeman Substation areas and at other various locations.	-	13,729,000	13,729,000
EL-16	System Improvements	Major Tract Distribution - Construct distribution feeders in new major residential and commercial tract developments.	-	2,992,000	2,992,000
EL-17	System Improvements	SCADA - Implementation of Data Warehouse server and OMS research and implementation. Dispatch DLP Video Display.	-	1,550,000	1,550,000
EL-18	System Improvements	SCE Condemnation Costs - Friendly condemnation of existing SCE facilities in annexation areas.	-	982,000	982,000
EL-19	System Improvements	Substation Bus & Upgrades - Replace failing equipment, install additional equipment and improve operability and safety of Freeman and Hunter Substations. Also includes installation of oil containment systems, replacement of 69kV oil circuit breakers and	-	9,658,000	9,658,000
EL-20	System Improvements	Substation Transformer Additions - Install new substation power transformers and associated equipment at Casa Blanca, Plaza and Springs Substations.	-	14,131,000	14,131,000

Project Number	Project Type	Project Description	General Fund (101)	Electric Fund (510)	Total
EL-21	System Improvements	Major Transmission Line Projects - Rebuild the Vista - Mountain View and Riverside - RERC 69 kV transmission lines, and construct new 69kV lines to the Casa Blanca Substation.	-	2,164,000	2,164,000
EL-22	Recurring Projects	Engineering/Pre-Desing - For various recurring projects.	-	5,509,000	5,509,000
EL-23	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-24	Recurring Projects	Distribution Line Extensions - Installation/extension of primary overhead and underground distribution lines to serve new residential, commercial and industrial customers.	-	16,280,000	16,280,000
EL-25	Recurring Projects	Lines Rebuilds / Relocate - Replacing of obsolete and deteriorated distribution line equipment, relocation of overhead and underground distribution lines.	-	5,577,000	5,577,000
EL-26	Recurring Projects	Meters - Purchase and installation of meter equipment for new residential, commercial and industrial services.	-	1,685,000	1,685,000
EL-27	Recurring Projects	Services - Installation of new services to residential, commercial and industrial customers and increase in capacity of existing customers, as necessary.	-	1,853,000	1,853,000
EL-28	Recurring Projects	Street Lighting - Installation of street lights. Does not include major street light projects.	-	1,419,000	1,419,000
EL-29	Recurring Projects	System Substation Modifications - General modifications, replacements and improvements of substation equipment and relaying.	-	175,000	175,000
EL-30	Recurring Projects	Transformers - Purchase of distribution transformers for new residential, commercial and industrial customers as well as system upgrade projects.	-	10,000,000	10,000,000
EL-31	Special Projects	Special Project - Major OH/UG Conversions (Riverside Renaissance - PW) - Convert various overhead feeders to underground facilities for road widening projects and as a part of other projects on Mt. View Av., Banbury Dr., Victoria Av. and elsewhere as appropriate. Also includes grade separations.	-	17,300,000	17,300,000
EL-32	Special Projects	Special Project - Major Street Light Projects (Riverside Renaissance - PW) - Relocate/upgrade street lights as part of Public Works projects on Mt. View Av., Streeter Av. and elsewhere as appropriate.	-	2,302,000	2,302,000
EL-33	Special Projects	Special Project - Neighborhood Street Light Retrofit (Riverside Renaissance).	-	6,750,000	6,750,000
EL-34	Special Projects	Special Project - SCE Condemnation Costs - Friendly condemnation of existing SCE facilities in annexation areas.	-	5,000,000	5,000,000
EL-35	Special Projects	Special Project - Property Acquisition - Western Municipal building	-	2,000,000	2,000,000
EL-36	Special Projects	Special Project - Smart Grid - Smart Grid/Riverside AMR/AMI Fiber Project.	-	6,259,500	6,259,500
		Total Funded Projects	**-**	**198,511,500**	**198,511,500**

2011/12 to 2015/16

Capital Improvement Program - Public Utilities / Electric

Unfunded Capital Projects

Project Number	Project Type	Project Description	General Fund (101)	Electric Fund (510)	Total
		There are no unfunded capital projects currently identified			
		Total Unfunded Projects	**-**	**-**	**-**

Program Summary

2011/12	2012/13	2013/14	2014/15	2015/16	Total
26,088,500	27,377,000	13,560,000	14,353,000	13,513,000	94,891,500

Introduction

The five-year Capital Improvement Program (CIP) for the water system of $94,891,500 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, 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 will fund 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 2011/12 through 2015/16, by including funding to replace existing leaking and/or undersized mains, participate in a multi-agency water conservation project, construct an aquifer storage and recovery system, refurbish wells and booster stations, and build a new groundwater treatment plant.

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

Water System Improvements

Water system improvements totaling $74.1 million include construction of both new and replacement facilities consisting of distribution pipelines, domestic water wells, booster stations, an aquifer storage and recovery system, multi-agency participation in a water conservation project, and a groundwater treatment plant. 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).
- Participation in the Seven Oaks Dam Project totaling $4.0 million to provide additional water rights from the Bunker Hill Basin.
- Design and construction of an aquifer storage and recovery system for an estimated cost of $10.0 million.
- Facility Pre-engineering of $0.5 million to design and initiate the permitting process for the new groundwater treatment plant.
- An estimated $13.6 million to rehabilitate water facilities, including pumps, wells, buildings, security, and site landscape items.
- Construction of a new groundwater treatment plant at an estimated cost of $3.0 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.
- Design and construction of distribution system facilities replacement totaling $3.3 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.
- Installation of fire hydrant check valves at various locations throughout the City totaling $0.5 million.
- Other routine expenditures include purchase of water stock.

Program Summary

Other Projects

Transportation related projects totaling $7.2 million include:

- Relocation and replacement of various water supply, fire hydrants, transmission, and distribution facilities resulting from Grade Separation projects at various locations.

Key Revenues and Funding Sources

The five year Water CIP will be supported by various funding sources. Approximately $65.6 million will be funded from bond proceeds, $19.1 million will be funded from rates and reserves, and $ 10.2 million will be funded from contributions in aid of construction and outside entities.

Future CIP Considerations

Unfunded projects total $155.3 million. These are projects desired by the Utility or 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 (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.

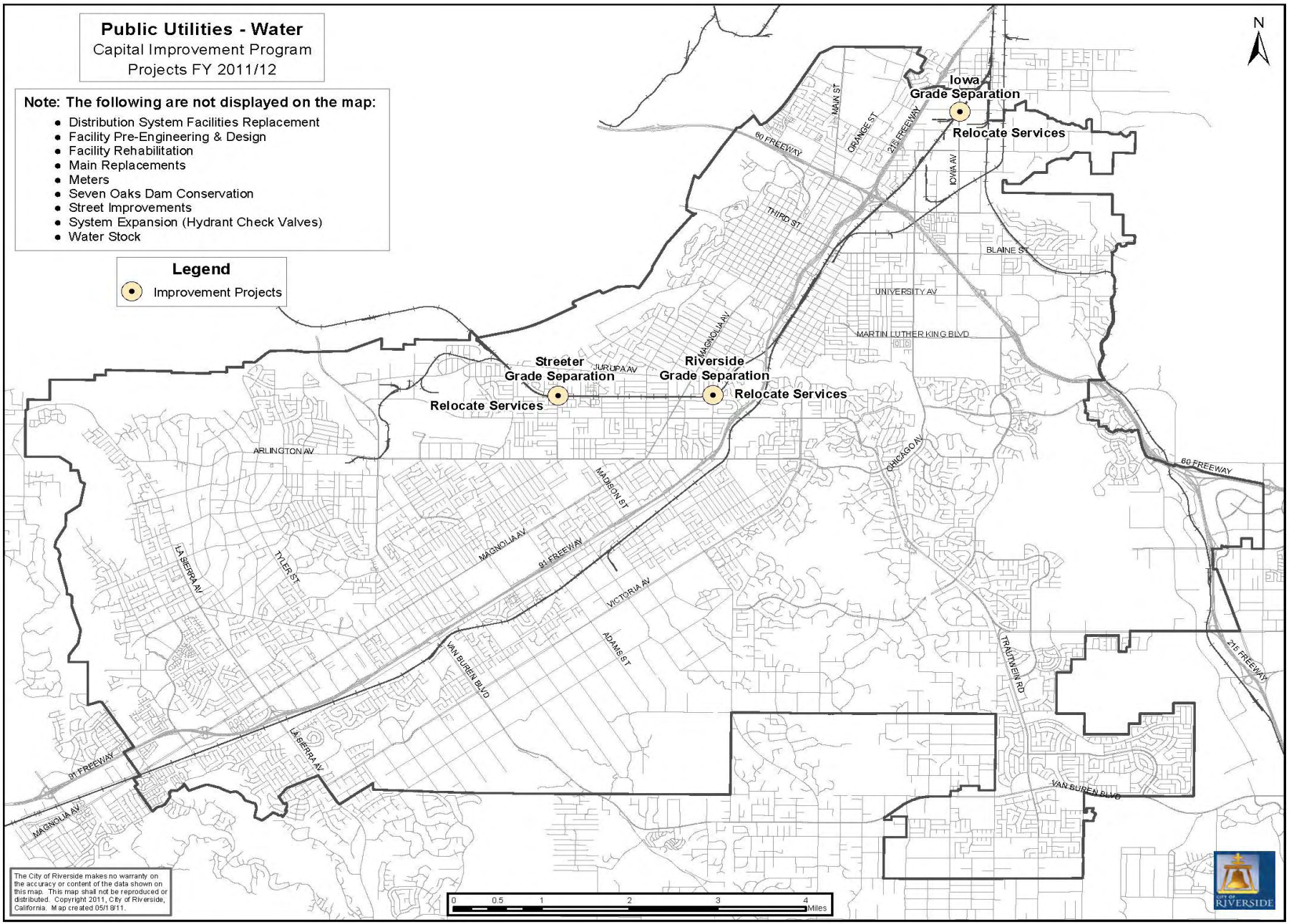
This Page Intentionally Left Blank

2011/12 to 2015/16

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	Facility Pre-Engineering & Design	-	500,000	500,000
WA-2	System Improvements	Facility Rehabilitation	-	3,031,500	3,031,500
WA-3	System Improvements	Main Replacements	-	8,600,000	8,600,000
WA-4	System Improvements	Seven Oaks Dam Conservation	-	4,000,000	4,000,000
WA-7	Recurring Projects	Distribution System Facilities Replacements	-	657,000	657,000
WA-8	Recurring Projects	Meters	-	850,000	850,000
WA-9	Recurring Projects	System Expansion (New Customer Construction)	-	1,100,000	1,100,000
WA-10	Recurring Projects	Water Stock	-	10,000	10,000
WA-11	Recurring Projects	Hydrant Check Valves	-	100,000	100,000
WA-12	Other Projects	Street Improvements	-	7,240,000	7,240,000
		Total	**-**	**26,088,500**	**26,088,500**


Public Utilities - Water
Capital Improvement Program
Projects FY 2011/12
Note: The following are not displayed on the map:
Distribution System Facilities Replacement
Facility Pre-Engineering & Design
Facility Rehabilitation
Main Replacements
Meters
Seven Oaks Dam Conservation
Street Improvements
System Expansion (Hydrant Check Valves)
Water Stock
Legend
Improvement Projects
N
Iowa
Grade Separation
Relocate Services
Streeter
Grade Separation
Relocate Services
Riverside
Grade Separation
Relocate Services
60 FREEWAY
MAIN ST
ORANGE ST
215 FREEWAY
IOWA AV
THIRD ST
BLAINE ST
UNIVERSITY AV
MARTIN LUTHER KING BLVD
MAGNOLIA AV
IURUPA AV
ARLINGTON AV
MADISON ST
CHICAGO AV
91 FREEWAY
LA SIERRA AV
TYLER ST
VICTORIA AV
ADAMS ST
VAN BUREN BLVD
TRAUTMEIN 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 2011, City of Riverside, California. Map created 05/19/11.
0 0.5 1 2 3 4 Miles
CITY OF RIVERSIDE

2011/12 to 2015/16

Capital Improvement Program - Public Utilities / Water

Capital Improvement Program Summary

Projected Expenditures by Fund

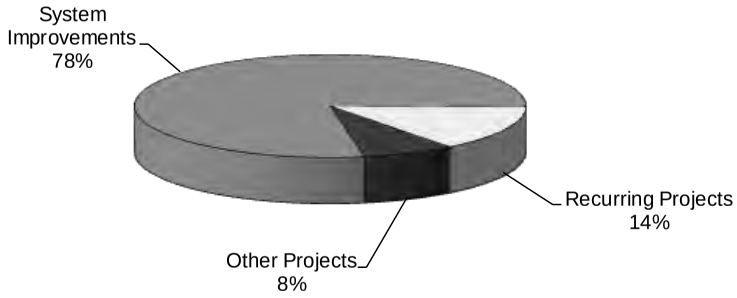
Fund	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
General Fund (101)	-	-	-	-	-	-	-
Water Fund (520)	26,088,500	27,377,000	13,560,000	14,353,000	13,513,000	94,891,500	155,251,000
Total	**26,088,500**	**27,377,000**	**13,560,000**	**14,353,000**	**13,513,000**	**94,891,500**	**155,251,000**

Projected Expenditures by Category

Project Category	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
System Improvements	16,131,500	24,660,000	10,843,000	11,636,000	10,796,000	74,066,500	149,651,000
Recurring Projects	2,717,000	2,717,000	2,717,000	2,717,000	2,717,000	13,585,000	-
Other Projects	7,240,000			-	-	7,240,000	5,600,000
Total	**26,088,500**	**27,377,000**	**13,560,000**	**14,353,000**	**13,513,000**	**94,891,500**	**155,251,000**

Expenditures by Fund

Expenditures by Category



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

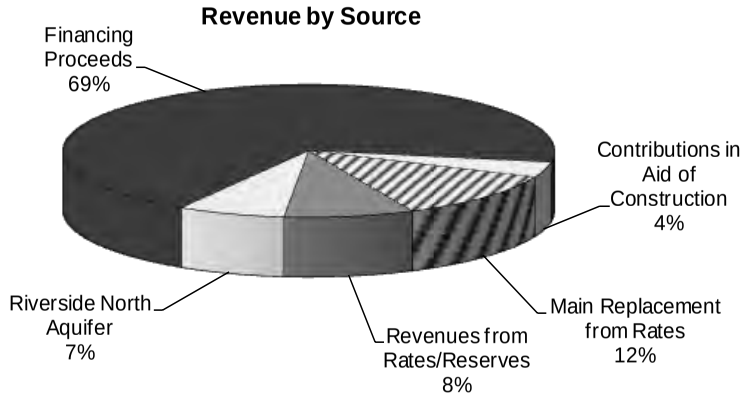
2011/12 to 2015/16

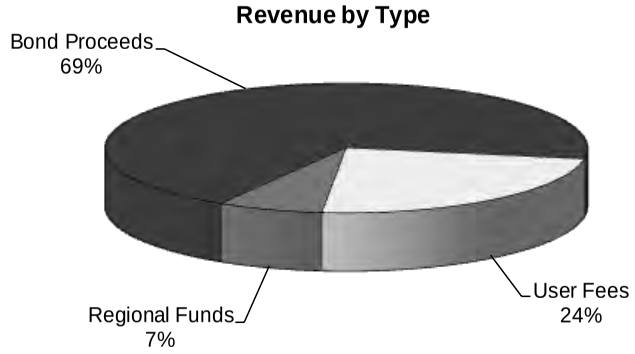
Capital Improvement Program - Public Utilities / Water

Projected Capital Funding Revenue Sources by Fund

Water Fund (520)

Revenue Type	Revenue Source	2011/12	2012/13	2013/14	2014/15	2015/16	Total
User Fees	Contributions in Aid of Construction	500,000	500,000	750,000	750,000	1,000,000	3,500,000
User Fees	Main Replacement from Rates (Surcharge)	2,370,000	2,149,000	2,159,000	2,170,000	2,181,000	11,029,000
User Fees	Revenues from Rates/Reserves	1,617,000	1,617,000	1,617,000	1,617,000	1,617,000	8,085,000
Regional Funds	Riverside North Aquifer Storage and Recovery Project (WMWD and Colton)	-	6,667,000	-	-	-	6,667,000
Bond Proceeds	Financing Proceeds	21,601,500	16,444,000	9,034,000	9,816,000	8,715,000	65,610,500
	Total Funds Available for Capital Improvements from Revenue	**26,088,500**	**27,377,000**	**13,560,000**	**14,353,000**	**13,513,000**	**94,891,500**





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

2011/12 to 2015/16

Capital Improvement Program - Public Utilities / Water

Projected Capital Funding Appropriations by Fiscal Year

Sources of Funds	2011/12	2012/13	2013/14	2014/15	2015/16
Total Funds Available for Capital Improvements from Revenue - Water Fund (520)	26,088,500	27,377,000	13,560,000	14,353,000	13,513,000
Fund Balance from Prior Year [1]	-	-	-	-	-
Total Funds Available for Capital Improvements	**26,088,500**	**27,377,000**	**13,560,000**	**14,353,000**	**13,513,000**

Project Number	Project Type	Project Description	2011/12	2012/13	2013/14	2014/15	2015/16	Total	Unfunded
	System Improvements								
WA-1	System Improvements	Facility Pre-Engineering & Design	(500,000)	-	-	-	-	(500,000)	-
WA-2	System Improvements	Facility Rehabilitation	(3,031,500)	(3,060,000)	(2,243,000)	(3,036,000)	(2,196,000)	(13,566,500)	-
WA-3	System Improvements	Main Replacements	(8,600,000)	(8,600,000)	(8,600,000)	(8,600,000)	(8,600,000)	(43,000,000)	-
WA-4	System Improvements	Seven Oaks Dam Conservation	(4,000,000)	-	-	-	-	(4,000,000)	-
WA-5	System Improvements	Riverside Aquifer Storage & Recovery System	-	(10,000,000)	-	-	-	(10,000,000)	-
WA-6	System Improvements	Perchlorate Treatment Plant	-	(3,000,000)	-	-	-	(3,000,000)	-
WA-UF-1	System Improvements	Recycled Water Engineering/Pre-Design	-	-	-	-	-	-	(6,250,000)
WA-UF-2	System Improvements	Recycled Water - Transmission Mains	-	-	-	-	-	-	(63,500,000)
WA-UF-3	System Improvements	Recycled Water - Pump Stations	-	-	-	-	-	-	(3,000,000)
WA-UF-4	System Improvements	Recycled Water - Misc. Facilities	-	-	-	-	-	-	(14,000,000)
WA-UF-5	System Improvements	Additional Main Replacements	-	-	-	-	-	-	(10,000,000)
WA-UF-6	System Improvements	Expanded Gage Exchange (Riverside/Gage Exchange)	-	-	-	-	-	-	(4,284,000)
WA-UF-7	System Improvements	WMPU Reservoir (Design & Construction)	-	-	-	-	-	-	(24,600,000)
WA-UF-8	System Improvements	WMPU Reservoir TM (Cook Res. TM)	-	-	-	-	-	-	(3,585,000)
WA-UF-9	System Improvements	WMPU Booster (Linden Low)	-	-	-	-	-	-	(1,164,000)
WA-UF-10	System Improvements	WMPU TM (Gravity Zone TM)	-	-	-	-	-	-	(18,450,000)
WA-UF-11	System Improvements	WMPU Booster (Arlington Gage)	-	-	-	-	-		(818,000)
		SubTotal	**(16,131,500)**	**(24,660,000)**	**(10,843,000)**	**(11,636,000)**	**(10,796,000)**	**(74,066,500)**	**(149,651,000)**
	Recurring Projects								
WA-7	Recurring Projects	Distribution System Facilities Replacements	(657,000)	(657,000)	(657,000)	(657,000)	(657,000)	(3,285,000)	-
WA-8	Recurring Projects	Meters	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(4,250,000)	-
WA-9	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-10	Recurring Projects	Water Stock	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)	-
WA-11	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-12 / WA-UF-12	Other Projects	Street Improvements	(7,240,000)	-	-	-	-	(7,240,000)	(5,600,000)
		SubTotal	**(7,240,000)**	**-**	**-**	**-**	**-**	**(7,240,000)**	**(5,600,000)**
		Total	**(26,088,500)**	**(27,377,000)**	**(13,560,000)**	**(14,353,000)**	**(13,513,000)**	**(94,891,500)**	**(155,251,000)**
		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.

2011/12 to 2015/16

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	Facility Pre-Engineering & Design - Pre-Engineering and Design of major multi-year capital projects.	-	500,000	500,000
WA-2	System Improvements	Facility Rehabilitation - Design, purchase and construct pump, well, building, security and site landscaping items necessary to rehabilitate water facilities.	-	13,566,500	13,566,500
WA-3	System Improvements	Main Replacements - Design and construct water main replacements throughout the distribution system.	-	43,000,000	43,000,000
WA-4	System Improvements	Seven Oaks Dam Conservation - RPU's share of the project construction costs.	-	4,000,000	4,000,000
WA-5	System Improvements	Riverside Aquifer Storage & Recovery System	-	10,000,000	10,000,000
WA-6	System Improvements	Perchlorate Treatment Plant	-	3,000,000	3,000,000
WA-7	Recurring Projects	Distribution System Facilities Replacements - Replace meters, services, fire hydrants booster pumps, valves, etc.	-	3,285,000	3,285,000
WA-8	Recurring Projects	Meters - Purchase meters for new customers and replacement meters.	-	4,250,000	4,250,000
WA-9	Recurring Projects	System Expansion (New Customer Construction) - Construct water distribution facilities to serve new customers.	-	5,500,000	5,500,000
WA-10	Recurring Projects	Water Stock - Purchase water stock for water rights acquisition.	-	50,000	50,000
WA-11	Recurring Projects	Hydrant Check Valves - Procurement and installation of hydrant check valves at critical locations within the City	-	500,000	500,000
WA-12	Other Projects	Street Improvements - Relocate and/or extend services, fire hydrants, and mains to meet Public Works Grade Separation projects.	-	7,240,000	7,240,000
		Total Funded Projects	**-**	**94,891,500**	**94,891,500**

2011/12 to 2015/16

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	System Improvements	Recycled Water - Engineering/Pre-Design of recycled water alternatives	-	6,250,000	6,250,000
WA-UF-2	System Improvements	Recycled Water - Design and Construction of recycled water transmission main projects	-	63,500,000	63,500,000
WA-UF-3	System Improvements	Recycled Water - Design and construction of recycled water pump station facilities	-	3,000,000	3,000,000
WA-UF-4	System Improvements	Recycled Water - Design and construction of misc. recycled water facilities	-	14,000,000	14,000,000
WA-UF-5	System Improvements	Additional Main Replacements - Additional funding to increase main replacements to $12.6M by FY2016	-	10,000,000	10,000,000
WA-UF-6	System Improvements	Prop 50 Grant Funded Project - Expanded Gage Exchange	-	4,284,000	4,284,000
WA-UF-7	System Improvements	WMPU Reservoir - Design and construction of a new reservoir per the 2010 Water Master Plan Update	-	24,600,000	24,600,000
WA-UF-8	System Improvements	WMPU Reservoir TM - Design and construction of a new transmission main to support the new WMPU Reservoir	-	3,585,000	3,585,000
WA-UF-9	System Improvements	WMPU Booster - Design and construction of a new booster station to support the new WMPU Reservoir	-	1,164,000	1,164,000
WA-UF-10	System Improvements	WMPU TM - Design and construction of a new gravity zone transmission main to support the new WMPU Reservoir	-	18,450,000	18,450,000
WA-UF-11	System Improvements	WMPU Booster - Design and construction of a new booster station to support the new WMPU Reservoir	-	818,000	818,000
WA-UF-12	Other Projects	Street Improvements - Misc. projects to clear for Public Works street improvements	-	5,600,000	5,600,000
		Total Unfunded Projects	**-**	**155,251,000**	**155,251,000**

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.