

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2016-2021

FY 2016-2018 Mid-Cycle Update

Mayor

Honorable
William R. Bailey

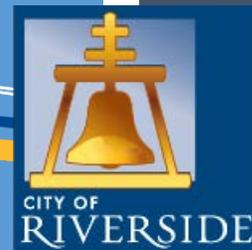
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Mike Gardner
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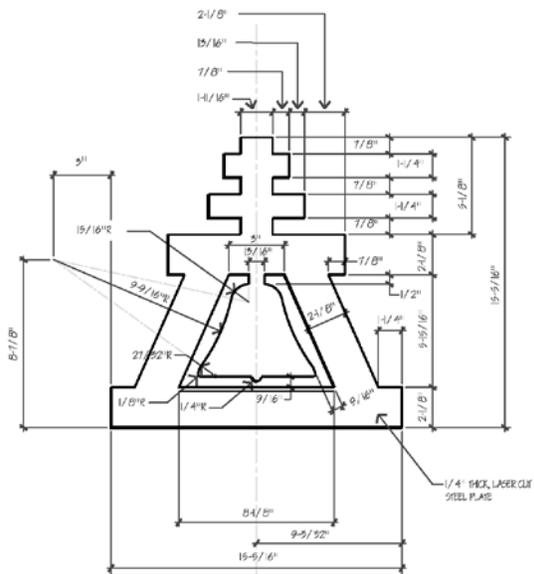
Submitted to the
City Council by:

John A. Russo

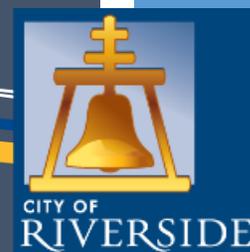
City Manager



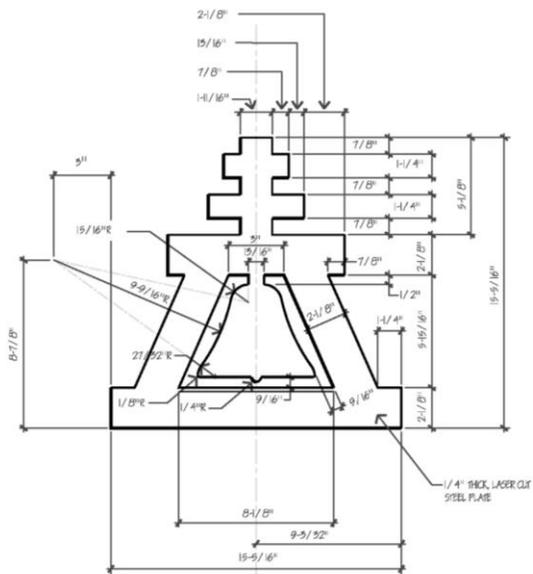
NOTES



**CAPITAL
IMPROVEMENT
PROGRAM
FINANCIAL
SUMMARY**



NOTES



Capital Improvement Program Two-Year Budget and Five-Year Plan

The CIP and the City's Biennial Operating Budget

Fiscal Year 2016/17 marked the transition of the CIP from a one-year budget to a two-year budget to parallel the City's Biennial Budget process. Both the City's Biennial Operating Budget and the CIP are accompanied by a Five-Year Financial Plan that further identifies the funded and unfunded needs of the City. Although the two budgets are similar, the approval of the CIP Plan does not signify appropriation of funds. Rather, the CIP Plan serves as a planning instrument for both budgeting and infrastructure development. The actual appropriations are made for capital projects when the City Council approves the City's biennial budget.

The CIP Plan's first two years reflect the highest priority capital projects that are included in the City's Biennial Budget for FY 2016/17 and 2017/18. The remaining three fiscal years (2018/19 through 2020/21) reflect staff's recommendation to fund higher priority projects and/or are a continuation of projects that span more than one year. These projects are subject to review and revision every two years by the City Council as part of the biennial budget process.

The CIP Mid-Cycle Update

Updates to the CIP plan, which includes the two-year CIP budget and five-year plan, are made on an annual basis to reflect changes in funding, changes in project priorities, and the addition of new projects occurring during the two-year budget cycle. Similar to the biennial budget, the CIP update is submitted to City Council for approval and appropriation of funds in the operating budget. This occurs at the end of the first year of the two-year budget.

Measure Z

On November 8, 2016, Riverside voters approved Measure Z, a general transaction and use tax of 1%, to help pay for critical unfunded City programs and services. Measure Z revenues are anticipated to be \$10 million in FY 16/17 and \$51.6 million in FY 17/18. Of these amounts, \$1.1 million are earmarked for CIP projects in FY 2017/18, and a total of \$31.6 million for fiscal years 2018/19 through 2020/21.

Some of the CIP projects to be funded by Measure Z funds include the site selection for the Eastside Library, parking garage, a new Downtown Library, new Police Headquarters, annual deferred maintenance for City facilities,

Capital Improvement Program Two-Year Budget and Five-Year Plan

data network upgrades and an enterprise resource planning system replacement.

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 certificates of participation (COPs). Since the City's various departments are budgeted within numerous funds, each potentially with multiple revenue streams, the CIP departments are responsible for managing the revenue and expenditure budgets of their CIP projects.

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 funding sources include sales tax, property tax, fees for services, utility user's tax, and transfers from the Electric and Water Funds. With the passing of Measure Z by the voters, the collection of an additional one-cent sales tax began on April 1, 2017, and will fund some capital projects as previously approved by the City Council.

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) generally funds up to 95 percent of eligible projects. Under the California Department of Transportation (CALTRANS) Division of Aeronautics' grant program, the City may apply for 2.5 percent matching funds for FAA-approved projects. Additional revenue sources include:

- Lease Revenues – revenue from leased airport property.
- 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.

Capital Improvement Program Two-Year Budget and Five-Year Plan

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 rate payers.
- Contributions in Aid of Construction – funding contributions by private parties.
- Bond Proceeds – proceeds from the sale of revenue bonds.

Innovation and Technology

Projects included in this section are funded by Measure Z.

Municipal Buildings and Facilities

Projects included in the Municipal Buildings and Facilities CIP are funded primarily from the General Fund (101) and Measure Z (110). In certain cases, projects are funded from other funds when a project impacts a non-General Fund Department (such as Public Utilities).

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.
- 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 when fee revenues are available and/or annual funding obligations exist. As funding becomes available, the Parks, Recreation, and Community Services Department will request that the City Council appropriate funds for projects on the Unfunded Capital Projects list.

Capital Improvement Program Two-Year Budget and Five-Year Plan

Public Parking

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

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

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 operation and maintenance of 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.

Transportation & Railroad Related Projects

Capital expenditures for the construction and improvement of transportation infrastructure are budgeted in the General Fund (101), the Special Gas Tax Fund (230), the Capital Outlay Fund (430), the Measure A Fund (432), the

Capital Improvement Program Two-Year Budget and Five-Year Plan

Transportation Development Impact Fees Fund (433), and the Transportation Uniform Mitigation Fees Fund (434). The revenues to the 230, 430, 432, 433, and 434 Funds are restricted and must therefore follow strict spending regulations and reporting guidelines. In the detailed tables found in the Transportation program section of the CIP document, the 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 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

Capital Improvement Program Two-Year Budget and Five-Year Plan

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 such allocation is a population formula program, where local agencies receive funds for transportation improvement projects according to their respective populations, the second funding mechanism 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 Burlington Northern Santa Fe (BNSF) railroads to assist with the construction of railroad grade separations.

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 rate payers.
- Contributions in Aid of Construction – funding contributions by private parties.
- Bond Proceeds – proceeds from the sale of revenue bonds.

Capital Improvement Program Two-Year Budget and Five-Year Plan

Funded Capital Improvement Projects

The Capital Improvement Program covers a five-year period of FY 2016/17 through FY 2020/21. The adopted CIP plan for the first two years, FY 2016/17 and 2017/18, had total budgets of \$92,448,986 and \$64,768,933 respectively, with 87 funded CIP projects in the first year and 70 funded projects in the second year. The highest priority projects are budgeted in FY 2016/17 and 2017/18 and are planned in FY 2018/19 through 2020/21.

The revised mid-cycle five-year CIP plan includes \$377,310,965 in funded capital projects, including \$32,683,883 in projects funded by Measure Z sales tax revenue. The mid-cycle CIP update presents an amended budget for FY 2016/17 of \$93,124,282, a decrease of \$675,296 from the adopted budget amount of \$92,448,986. The amended budget for FY 2017/18 is \$63,735,500, representing a \$1,033,433 decrease from the adopted budget of \$64,768,933. The decreases from the adopted budget to the amended budget are due to changes in project priorities as determined by City departments.

Projects funded by Measure Z include site selection for the Eastside Library, parking garage, Museum expansion and rehabilitation, a new Downtown Library, new Police Headquarters, technology projects, and funding for annual deferred maintenance for facilities.

FUNDED CIP PROJECTS

Department	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	Funded CIP Total 5 Years
General Services	965,613	1,607,000	8,927,177	9,818,353	11,018,353	32,336,496
Innovation and Technology	-	-	1,500,000	-	1,250,000	2,750,000
Parks, Recreation, and Community Services	5,272,539	10,000	-	-	-	5,282,539
Public Utilities	61,375,000	43,038,000	55,549,000	46,435,000	47,807,000	254,204,000
Public Works	25,511,130	19,080,500	18,585,600	11,398,000	8,162,700	82,737,930
Funded CIP Totals	\$93,124,282	\$63,735,500	\$84,561,777	\$67,651,353	\$68,238,053	\$377,310,965

Unfunded Capital Improvement Projects

Projects that are identified, but have no current funding, are categorized as unfunded. The City is currently monitoring more than \$1 billion in unfunded needs.

Capital Improvement Program 5 - Year Funded Project List
FY 2016/17 - FY 2020/21

Funded CIP Projects by Department and Project	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	Funded CIP Total 5 Years
General Services						
AIM2 Wireless devices for FMU's	50,000	-	-	-	-	50,000
Airport Facilities - Fuel Pit Removal	-	-	100,000	-	-	100,000
Airport Facilities - Sidewalk/Landscaping Airport Dr	-	-	150,000	-	-	150,000
Airport Facilities - Terminal Patio Deck	-	50,000	-	-	-	50,000
Airport Runway Construction - Design Apron Rehab	117,613	-	-	-	-	117,613
Airport Runway Construction - Design Runway 9/27 Rehab	45,000	-	-	-	-	45,000
City Buildings - Americans with Disabilities Act Modifications at Various City Facilities (1 of 2, Funded Portion)	56,000	-	-	-	-	56,000
City Buildings - Automation Systems (Energy Efficiency) (1 of 2, Funded Portion)	15,000	-	-	-	-	15,000
City Buildings - Eastside Restroom Rehab	15,000	-	-	10,000	-	25,000
City Buildings - Fire Station 3 Flooring Replacement (Carpet to Tile) (reprogrammed from Station 2)	10,000	-	-	-	-	10,000
City Buildings - Fire Station 7 Flooring Replacement (Carpet to Tile)	10,000	-	-	-	-	10,000
City Buildings - Fire Station 8 Flooring Replacement (Carpet to Tile)	10,000	-	-	-	-	10,000
City Buildings - Fire Station Improvements (All) (1 of 2, Funded Portion)	-	-	-	50,000	50,000	100,000
City Buildings - Harada House - Robinson House Garage Demo/Rehab	25,000	-	-	-	-	25,000
City Buildings - HVAC Replacement at Various City Facilities	15,000	15,000	15,000	15,000	15,000	75,000
City Buildings - La Sierra Library LED Retrofit Parking Lot Lighting	12,000	-	-	-	-	12,000
City Buildings - Miscellaneous Improvements at City Facilities (1 of 2, Funded Portion)	5,000	7,000	55,000	60,000	50,000	177,000
City Buildings - Orange Terrace Library Replacement Carpet	30,000	-	-	-	-	30,000
City Buildings - Police Department Improvements (1 of 2, Funded Portion)	10,000	10,000	20,000	-	20,000	60,000
City Buildings - La Sierra Library Main Entry Door Replacement	-	25,000	-	-	-	25,000
City Hall Floor Reprogramming (2, 3, 5)	500,000	-	-	-	-	500,000
CNG Dispenser drive-off protection	-	30,000	-	-	-	30,000
Convention Center Minor Facility Repairs (Ongoing)	40,000	50,000	40,000	40,000	40,000	210,000
Fleet Facilities - Fleet Building Lighting Upgrade/Replacement	-	80,000	-	-	-	80,000
Fleet Facilities - Fleet Epoxy Flooring project	-	-	-	-	-	-
Fleet Facilities - Fleet HVAC/Gas Detection System Project	-	-	-	-	-	-
Fleet Facilities - Fleet Install E85 Fueling Station	-	240,000	-	-	-	240,000
Fleet Facilities - Fleet Install EV Charging Stations for City Vehicles (Various Facilities)	-	-	200,000	-	-	200,000
La Sierra Library HVAC / Fans	-	-	-	-	-	-
Subtotal General Services	965,613	507,000	580,000	175,000	175,000	2,402,613
General Services - Measure Z						
Annual Deferred Maintenance (Existing Facilities) - Partial Funding	-	1,000,000	1,500,000	250,000	1,450,000	4,200,000
Downtown Parking Garage	-	-	933,706	1,280,912	1,280,912	3,495,530
Eastside Library Site Selection	-	100,000	-	-	-	100,000
Museum Expansion and Rehabilitation	-	-	1,244,941	1,707,882	1,707,882	4,660,705
New Downtown Library	-	-	1,867,412	2,561,824	2,561,824	6,991,060
Police Headquarters	-	-	2,801,118	3,842,735	3,842,735	10,486,588
Subtotal General Services - Measure Z	-	1,100,000	8,347,177	9,643,353	10,843,353	29,933,883
General Services Total	965,613	1,607,000	8,927,177	9,818,353	11,018,353	32,336,496
Innovation and Technology - Measure Z						
Data Network Upgrades	-	-	250,000	-	-	250,000
Datacenter Capital Improvements	-	-	250,000	-	250,000	500,000
Enterprise Resource Planning System Replacement	-	-	1,000,000	-	1,000,000	2,000,000
Innovation and Technology Total	-	-	1,500,000	-	1,250,000	2,750,000
Parks, Recreation, and Community Services						
Arlanza Community Garden - Community Garden fencing only	18,604	-	-	-	-	18,604
Arlington Park - Youth Innovation Center (AYIC)	3,800,000	-	-	-	-	3,800,000
Arlington Park Renovation	-	-	-	-	-	-
Bergamont Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Bobby Bonds Reader Board	-	-	-	-	-	-
Bordwell Park - Nati Fuentes Centro de Ninos - Playground Poured-in-place surfacing replacement	-	-	-	-	-	-
Bordwell Park - Playground poured-in-place surfacing replacement	128,500	-	-	-	-	128,500
Bryant Park - CDBG 2013 - Design and construction of rehabilitated Playground, HVAC and Kitchen	-	-	-	-	-	-
Bryant Park Tennis and Basketball Renovation	-	-	-	-	-	-
Building Refurbishing Program – Emergency Pole and Netting Repair at FPGC	-	-	-	-	-	-
Building Refurbishing Program – Install new HVAC units at Cesar Chavez CC	-	-	-	-	-	-
Building Refurbishing Program – Paint	-	-	-	-	-	-
Building Refurbishing Program – Pool Filters	-	-	-	-	-	-
Building Refurbishing Program – Roof and Ceiling Repairs	-	-	-	-	-	-
Building Refurbishing Program - Shamel Pool Heater	-	-	-	-	-	-
Building Refurbishing Program – Theft, Vandalism, and Miscellaneous Repairs	-	-	-	-	-	-
Building Refurbishing Program –Annual Floor Refinishing	-	-	-	-	-	-
Castleview Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
City-wide - Park Master plan Update - Update the 2003 Park Master Plan	350,000	-	-	-	-	350,000
Collett Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Don Derr Park - Playground Poured-in-place surfacing replacement	-	-	-	-	-	-

Capital Improvement Program 5 - Year Funded Project List
FY 2016/17 - FY 2020/21

Funded CIP Projects by Department and Project	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	Funded CIP Total 5 Years
Doty Trust Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
El Dorado Park - Phase I - Design and Construction of Walking/jogging Path 2400l.f.	-	-	-	-	-	-
Fairmount Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Fairmount Park ADA Boat Launch	-	-	-	-	-	-
Fairmount Park Signage	-	10,000	-	-	-	10,000
Goeske Center / Streeter Park Turf Conversion	300,000	-	-	-	-	300,000
Goeske Senior Center - Design and construction to renovate the old restrooms interior and exterior (replacement of tile, paint, partitions, fixtures and signage, ceiling, lights)	50,000	-	-	-	-	50,000
Hunter Park - Design and construction of a Railroad Interpretive Kiosk / signage	68,000	-	-	-	-	68,000
Hunter Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
La Sierra Park - Senior Center Acoustic Improvements	-	-	-	-	-	-
La Sierra Park - ADA pathway (1200 l.f.) from Senior Center Parking lot to ballfield & parking lot, including Decomposed. Granite path w/mow curbs, landscaping & Furniture.	204,077	-	-	-	-	204,077
Lincoln Park Shade Structure – Purchase and Installation of New Playground Shade Structure	-	-	-	-	-	-
Martha McLean Park - Disc Golf Course - Design and Install an 18-hole course with tees, course map, info board and signage,	55,000	-	-	-	-	55,000
Myra Linn Park - Add a shade sail to playground structure at the 5-12 playground. Structure is manufactured by Landscape Structures.	90,000	-	-	-	-	90,000
Myra Linn Park - Install a companion / expression swing at the 5-12 playground	5,000	-	-	-	-	5,000
Myra Linn Park - Install par course / fitness stations (4 total) throughout new sidewalk, including demolition, grading, decomposed granite area with concrete mow curbs, irrigation and planting modifications.	90,000	-	-	-	-	90,000
Myra Linn Park - Provide ADA access to courts - Drainage swale is a tripping hazard	35,000	-	-	-	-	35,000
Myra Linn Park - Turf conversion at west side along Mobley Ave. at \$3/s.f. - turf replaced with drip irrigation and drought tolerant landscaping (195' x 30' = 5850 sf)	14,000	-	-	-	-	14,000
Nichols Park - 2000 s.f. turf replacement at entry sign at \$3/s.f. - turf replaced with drip irrigation and draught tolerant landscaping.	-	-	-	-	-	-
Nichols Park - Design and Construction of Community Center Renovation	-	-	-	-	-	-
Patterson Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Rancho Loma Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Riverwalk - Flat Rock Pocket Park - Playground Poured-in-place surfacing replacement	19,679	-	-	-	-	19,679
Riverwalk - Golden/Schuyler Pock Park - Playground Poured-in-place surfacing replacement	19,679	-	-	-	-	19,679
Rutland Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Ryan Bonaminio - Replace Playground wood chips, on-going	-	-	-	-	-	-
Sycamore Highlands Park - Playground Poured-in-place surfacing replacement	-	-	-	-	-	-
Taft Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Thundersky Park - Replace Playground wood chips, on-going	-	-	-	-	-	-
Villegas Park - Brown Room Renovation	-	-	-	-	-	-
Villegas Park - Gym and boxing area wood floor refinish	25,000	-	-	-	-	25,000
Villegas Park ADA Walkway	-	-	-	-	-	-
White Park - Dales Senior Center HVAC	-	-	-	-	-	-
Parks, Recreation, and Community Services Total	5,272,539	10,000	-	-	-	5,282,539
Public Utilities						
Aquifer Storage & Recovery Sys	-	-	-	-	-	-
Asset Management System	900,000	-	-	-	-	900,000
Asset Management System -Electric	-	-	-	-	-	-
Building & Structure Improvements	-	-	-	-	-	-
Cable Replacement	2,335,000	1,358,000	2,984,000	2,027,000	1,891,000	10,595,000
CALTRANS Project	-	-	-	-	-	-
Capacitors-Regulators	50,000	50,000	50,000	50,000	50,000	250,000
CIS Upgrade	-	-	-	-	-	-
City-wide Communications	2,910,000	1,200,000	900,000	900,000	900,000	6,810,000
Development Costs	-	-	-	-	-	-
Distribution Automation/Reliability	950,000	950,000	650,000	750,000	750,000	4,050,000
Distribution Line Extensions	2,500,000	2,600,000	2,700,000	2,800,000	2,900,000	13,500,000
Distribution System Facilities Replacements	1,400,000	1,400,000	1,800,000	1,800,000	1,800,000	8,200,000
Enterprise Oper Data Mgt Sys	-	-	-	-	-	-
Facility Compliance/Upgrades	-	-	-	-	-	-
Facility Rehabilitation	2,244,000	1,751,000	3,100,000	3,100,000	3,100,000	13,295,000
GIS migration/CADME	-	-	-	-	-	-
GO 165 Upgrades /Line Rebuilds / Relocate	3,600,000	1,583,000	3,600,000	3,600,000	3,600,000	15,983,000
Hydrant Check Valves (1 of 2, Funded Portion)	100,000	-	100,000	100,000	100,000	400,000
Ice Bear Units	-	-	-	-	-	-
Lines Rebuilds / Relocate	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	10,750,000
Main Replacements	7,600,000	3,400,000	8,600,000	8,600,000	8,600,000	36,800,000
Major 4-12 kV Conversion	1,700,000	2,200,000	2,200,000	2,200,000	1,406,000	9,706,000
Major Feeders	2,350,000	1,555,000	1,855,000	2,295,000	1,950,000	10,005,000
Major OH/UG Conversions	400,000	400,000	400,000	400,000	400,000	2,000,000
Major Street Light Projects	4,310,000	8,060,000	4,310,000	560,000	560,000	17,800,000
Major Tract Distribution	471,000	471,000	495,000	495,000	520,000	2,452,000

Capital Improvement Program 5 - Year Funded Project List
FY 2016/17 - FY 2020/21

Funded CIP Projects by Department and Project	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	Funded CIP Total 5 Years
Major Transmission Line Projects	-	250,000	-	250,000	1,700,000	2,200,000
Meter Replacement Program	-	-	-	-	-	-
Meters-Electric	350,000	350,000	350,000	350,000	350,000	1,750,000
Meters-Water	850,000	850,000	850,000	850,000	850,000	4,250,000
Misc Agency Funding - RCTC	-	-	-	-	-	-
Misc Agency Funding - RCTC (MetroLink Station)	-	-	-	-	-	-
Neighborhood Street Light Retrofit	2,300,000	2,300,000	1,100,000	765,000	765,000	7,230,000
New 230 KV Station-Reimb	-	-	-	-	-	-
Other Electric Projects	-	-	-	-	-	-
Pellisier Solar Project	-	-	-	-	-	-
Pump Station Replacements	-	-	-	-	-	-
RCTC - MetroLink	-	-	-	-	-	-
RCTC 91 FWY HOV Electric	-	-	-	-	-	-
Recycled Water (Jackson St. - Phase I)	9,500,000	-	-	-	-	9,500,000
RTRP and STP Project	-	-	-	-	-	-
SANBAG	-	-	-	-	-	-
SCADA	850,000	1,100,000	1,044,000	1,100,000	850,000	4,944,000
SCE Condemnation Costs	200,000	300,000	400,000	500,000	500,000	1,900,000
Services	405,000	405,000	428,000	428,000	450,000	2,116,000
Seven Oaks Dam Conservation - Enhanced Recharge	2,000,000	1,500,000	4,500,000	-	-	8,000,000
Street Improvements	585,000	-	-	-	-	585,000
Street Lighting	300,000	300,000	300,000	300,000	300,000	1,500,000
Substation Bus & Upgrades	2,475,000	2,875,000	3,793,000	3,275,000	4,375,000	16,793,000
Substation Equipment Replacement	-	-	-	-	-	-
Substation Transformer Addition	2,000,000	-	3,000,000	2,800,000	3,000,000	10,800,000
System Expansion (New Customer Construction)	1,300,000	1,300,000	1,500,000	1,500,000	1,500,000	7,100,000
System Substation Modifications	180,000	180,000	180,000	180,000	180,000	900,000
Tequesquite Landfill PV Proj	-	-	-	-	-	-
Transformers	2,100,000	2,200,000	2,200,000	2,300,000	2,300,000	11,100,000
Transmission Mains	-	-	-	-	-	-
Water Stock (1 of 2, Funded Portion)	10,000	-	10,000	10,000	10,000	40,000
Public Utilities Total	61,375,000	43,038,000	55,549,000	46,435,000	47,807,000	254,204,000
Public Works						
Arc-Flash Study	300,000	-	-	-	-	300,000
Arlanza Priority C Sewer Construction - Phase 1	-	-	1,825,000	-	-	1,825,000
Arterial Interconnect Project Program	40,000	40,000	40,000	40,000	40,000	200,000
Bio-Solids Handling Rehabilitation - Phase 1	1,500,000	-	-	-	-	1,500,000
BNSF Quiet Zone - Mission Inn, 3rd, Spruce (1 of 2, Funded Portion)	-	-	20,600	757,500	772,700	1,550,800
BNSF/UP Quiet Zone - Panorama & Cridge	751,100	-	-	-	-	751,100
Canyon Crest Widening - Via Vista to Country Club	2,350,000	2,950,000	-	-	-	5,300,000
CDBG Matching Funds Program	150,000	150,000	150,000	150,000	150,000	750,000
Central/Canyon Crest/Watkins Bike Lanes	1,257,000	-	-	-	-	1,257,000
Collection System Upgrades	-	1,000,000	1,000,000	-	-	2,000,000
Controller Assembly Replacement Program	40,000	40,000	40,000	40,000	40,000	200,000
Curb and Gutter Repair Program	200,000	200,000	200,000	200,000	200,000	1,000,000
Dexter Wastewater	1,200,000	-	-	-	-	1,200,000
Fairgrounds Wastewater	1,200,000	-	-	-	-	1,200,000
High Friction Surface & HAWK Signals	1,293,030	-	-	-	-	1,293,030
LED Signal Lenses Replacement Program	40,000	40,000	40,000	40,000	40,000	200,000
Major Streets Rehabilitation Program	500,000	2,400,000	2,400,000	2,400,000	2,400,000	10,100,000
Minor Streets Preservation (Slurry/ARAM) Program	500,000	500,000	500,000	500,000	500,000	2,500,000
Minor Streets Rehabilitation Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Miscellaneous Storm Drain Construction Program	100,000	100,000	100,000	100,000	100,000	500,000
Miscellaneous Street Construction Program	500,000	500,000	500,000	500,000	500,000	2,500,000
Miscellaneous Traffic Projects Program	75,000	75,000	75,000	75,000	75,000	375,000
Mission Boulevard Bridge Replacement at Santa Ana River	100,000	100,000	100,000	500,000	500,000	1,300,000
Monroe Rehab - Lincoln to Arlington	2,400,000	-	-	-	-	2,400,000
Pedestrian Ramps Program	300,000	300,000	300,000	300,000	300,000	1,500,000
Phoenix Priority A, B and C Sewer Construction - Phase 1	3,025,000	-	-	-	-	3,025,000
Plant 2 Activated Sludge Rehabilitation - Phase 1	-	-	400,000	250,500	-	650,500
Plant Support Facilities and Systems Rehabilitation	950,000	-	-	-	-	950,000
Potable/Recycled Water System Pipeline Rehabilitation - Phase 1	-	-	347,000	-	-	347,000
RWQCP and Sewer Collection Master Plan Update	1,500,000	-	-	-	-	1,500,000
RWQCP Rehabilitation - Phase II - Phase 1	-	-	500,000	-	-	500,000
RWQCP Security System Rehabilitation	400,000	-	-	-	-	400,000
Santa Ana Walking Trail-McLean Pk to Fairmount Pk (1 of 2, Funded Portion)	-	-	2,376,000	-	-	2,376,000
Sidewalk / Trail Construction at Various Locations Program	300,000	300,000	300,000	300,000	300,000	1,500,000
Sidewalk Repair Program	300,000	300,000	300,000	300,000	300,000	1,500,000
Signal Revisions Program	100,000	100,000	100,000	100,000	100,000	500,000
Spread Spectrum Radio Replacement Program	10,000	10,000	10,000	10,000	10,000	50,000
Spruce Priority B and C Sewer Construction - Phase 1	-	2,000,000	-	-	-	2,000,000
SR 91 Pedestrian Bridge-MetroLink to Downtown (1 of 2, Funded Portion)	-	637,500	-	-	-	637,500
Tequesquite Priority A, B and C Sewer Construction - Phase 1	-	3,775,000	4,005,000	-	-	7,780,000
Tertiary System Rehabilitation - Phase 1	-	-	400,000	3,000,000	-	3,400,000
Traffic Management Center Program	125,000	50,000	50,000	50,000	50,000	325,000

Capital Improvement Program 5 - Year Funded Project List
FY 2016/17 - FY 2020/21

Funded CIP Projects by Department and Project	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	Funded CIP Total 5 Years
Traffic Signal Loop Replacement Program	35,000	35,000	35,000	35,000	35,000	175,000
Traffic Signals (Prioritized Locations - one per year) Program	250,000	250,000	250,000	250,000	250,000	1,250,000
Union Pacific Quiet Zone - Brockton & Palm	-	728,000	722,000	-	-	1,450,000
Wastewater Lift Station Projects - Phase 1	1,000,000	1,000,000	-	-	-	2,000,000
WQCP - Arlanza Sewer Trunk Rehabilitation	1,220,000	-	-	-	-	1,220,000
Public Works Total	25,511,130	19,080,500	18,585,600	11,398,000	8,162,700	82,737,930
Funded CIP Projects GrandTotals	93,124,282	63,735,500	84,561,777	67,651,353	68,238,053	377,310,965