

CORONA, CA

Adopted Capital Improvement Plan
FY 2018-19 to 2022-23



Cherishing our Past, Planning our Future.



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CAPITAL IMPROVEMENT PLAN OVERVIEW

Five-Year Capital Improvement Plan (CIP)



The comprehensive Five-Year Capital Improvement Plan (CIP), provides for the maintenance and improvement of the City’s infrastructure. Infrastructure includes such items as: streets, alleyways, sidewalks, sewers, storm drains, water system, street lighting, and traffic signals. CIP projects are \$50,000+ and may transpire more than 1 year. The identification of capital projects to be funded is based on multiple factors including feasibility, community enrichment, asset age, historical preservation, safety, and preventative maintenance.

Major Categories of Citywide Capital Improvement Plan

| | | |
|--|--|--|
| <p>City Facilities, Systems and Community Assets</p> <ul style="list-style-type: none">• City Facility Improvements and Upgrades• City Systems and Controls• Community Assets and Programmatic Projects | <p>Streets and Storm Drains</p> <ul style="list-style-type: none">• Storm Drains, Culverts, Creeks and Flood Control• Bridges, Railroads and Freeways• Paving and Striping• Planning and Studies• Sidewalk, Curb and Gutters• Streetlights and Poles• Traffic Signals | <p>Parks and Open Space</p> <ul style="list-style-type: none">• General Safety, Maintenance and Other Improvements• Park Paving, Courts and Pathways• Playgrounds, Fencing and Lighting |
|--|--|--|

CAPITAL IMPROVEMENT PLAN OVERVIEW

Electric

- Electric Distribution and Upgrades
- General Safety, Maintenance and Other Improvements

Water and Reclaimed Water

- General Safety, Maintenance and Other Improvements
- Quality, Supply and Storage
- Transmission and Distribution
- Pump Stations
- Supervisory Control and Data Acquisition (SCADA)

Water Reclamation (Sewer)

- General Safety, Maintenance and Other Improvements
- Pipeline Rehabilitation
- Sewer Main Rehabilitation
- Pump Stations and Lift Stations
- Treatment

Major Highlights of Capital Investments

The CIP program is an exhaustive list of numerous projects. Specifically, the Fiscal Year 2018-19 budget recommends a total investment of \$34.4 million and the Fiscal Year 2019-20 recommends a total investment of \$36.0 million. The following are a handful of significant capital investments: (not a comprehensive list). Other projects include funding for the Ontario Avenue Widening, the Magnolia Avenue Widening, Local Street Pavement Rehabilitation, Butterfield Drive Road Relocation, and the Sixth and Yorba Street Waterline Replacement and Pavement Rehabilitation.

CAPITAL IMPROVEMENT PLAN OVERVIEW

City Fire Stations Capital Improvements

| | | | |
|-------------------------|--|---------------------------------|------------------------------|
| Program Name | Facilities, Systems and Community Assets | Project Cost (estimated) | |
| Program Category | City Facility Improvements and Upgrades | Prior Expenses | 485,842 |
| Project No. | 62400 | Estimated Carryover Funding | 11,290 |
| Department | Fire Department | New Fiscal Year 2018-19 Funding | 181,900 |
| | | | Total Cost \$ 679,032 |



Project Description
 Fire Stations #1, #6 and #7 exterior and interior painting, in order to preserve the good condition of the buildings. Fire Station #1 roof replacement and security fencing. Station experienced leaks during recent rain event. Based on the assessment, the roof is deteriorated and will start requiring high maintenance due to age. Fire Station #2 Battalion's Chief living quarter's remodel. Firehouse was constructed in 1967 and hasn't been remodeled since construction. Remodel includes removal/relocation of water heater, inspection for mold/asbestos on interior space, bathroom and kitchen remodel.

Rubberized Asphalt Concrete (RAC) Project

| | | | |
|-------------------------|--------------------------|---------------------------------|------------------------------|
| Program Name | Streets and Storm Drains | Project Cost (estimated) | |
| Program Category | Paving and Striping | Prior Expenses | - |
| Project No. | 72610 | Estimated Carryover Funding | - |
| Department | Public Works | New Fiscal Year 2018-19 Funding | 835,814 |
| | | | Total Cost \$ 835,814 |

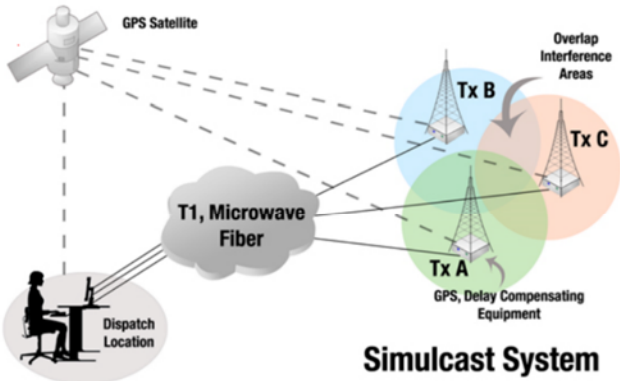


Project Description
 Street and pavement rehabilitation using rubberized asphalt concrete (RAC).

CAPITAL IMPROVEMENT PLAN OVERVIEW

New VHF Radio Simulcast and Backhaul System

| | | | |
|-------------------------|--|---------------------------------|---------------------|
| Program Name | Facilities, Systems and Community Assets | Project Cost (estimated) | |
| Program Category | City Systems and Controls | Prior Expenses | - |
| Project No. | 72520 | Estimated Carryover Funding | - |
| Department | Maintenance Services | New Fiscal Year 2018-19 Funding | 2,000,000 |
| | | Total Cost | \$ 2,000,000 |

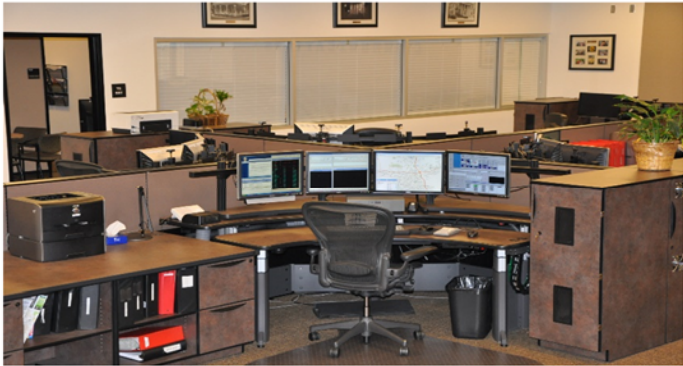


Project Description

The City’s existing VHF Simulcast Radio system has reached the end of its life cycle and needs to be replaced with a new VHF Simulcast system. The VHF system is the communication method for the Fire Department and the backup communication method for the Police Department. The existing equipment is becoming no longer serviceable. In its current condition, the system will soon reach a point where we will be unable to maintain it and keep it online. Maintenance Services has implemented annual Preventive Maintenance screenings and repairs, which have increased the longevity of the system, but without a replacement in the next 12-18 months, the system will continue to worsen.

Replacement of Dispatch Furniture

| | | | |
|-------------------------|--|---------------------------------|-------------------|
| Program Name | Facilities, Systems and Community Assets | Project Cost (estimated) | |
| Program Category | City Facility Improvements and Upgrades | Prior Expenses | - |
| Project No. | 72570 | Estimated Carryover Funding | - |
| Department | Police Department | New Fiscal Year 2018-19 Funding | 250,000 |
| | | Total Cost | \$ 250,000 |



Project Description

Dispatch furniture is approaching its ten year life cycle in 2018. There have been minor parts continuously being replaced within the operational budget, however, recent expenses are approaching \$15-\$20K. Equipment/furniture is used 24/7 in the public safety dispatch unit. The Department spent about \$180K in 2008.

CAPITAL IMPROVEMENT PLAN OVERVIEW

Citywide Sidewalk and ADA Improvements - Phase I/II

Program Name Streets and Storm Drains
Program Category Sidewalk, Curb and Gutters
Project No. 72210
Department Public Works



| Project Cost (estimated) | |
|---------------------------------|---------------------|
| Prior Expenses | 15,600 |
| Estimated Carryover Funding | 684,400 |
| New Fiscal Year 2018-19 Funding | 1,900,000 |
| Total Cost | \$ 2,600,000 |

Project Description
 Replacement of curb, gutter, sidewalk, and drive approaches; installation of missing sidewalk, curb, gutter, access ramps, bike paths, root pruning, engineering, and incidental work; and construction, replacement, or installation of ADA-compliant facilities within the public right-of-way.
Phase I: Over the last decade, the City has a total of \$2,743,262 in prior expenses. FY 2017-18 Adopted Budget totaled \$400,000.

Manglar Blending Facility

Program Name Water
Program Category Transmission and Distribution Pipelines
Project No. 65890
Department Water and Power



City of Corona Department of Water and Power
 Manglar Blending Facility
 HDR

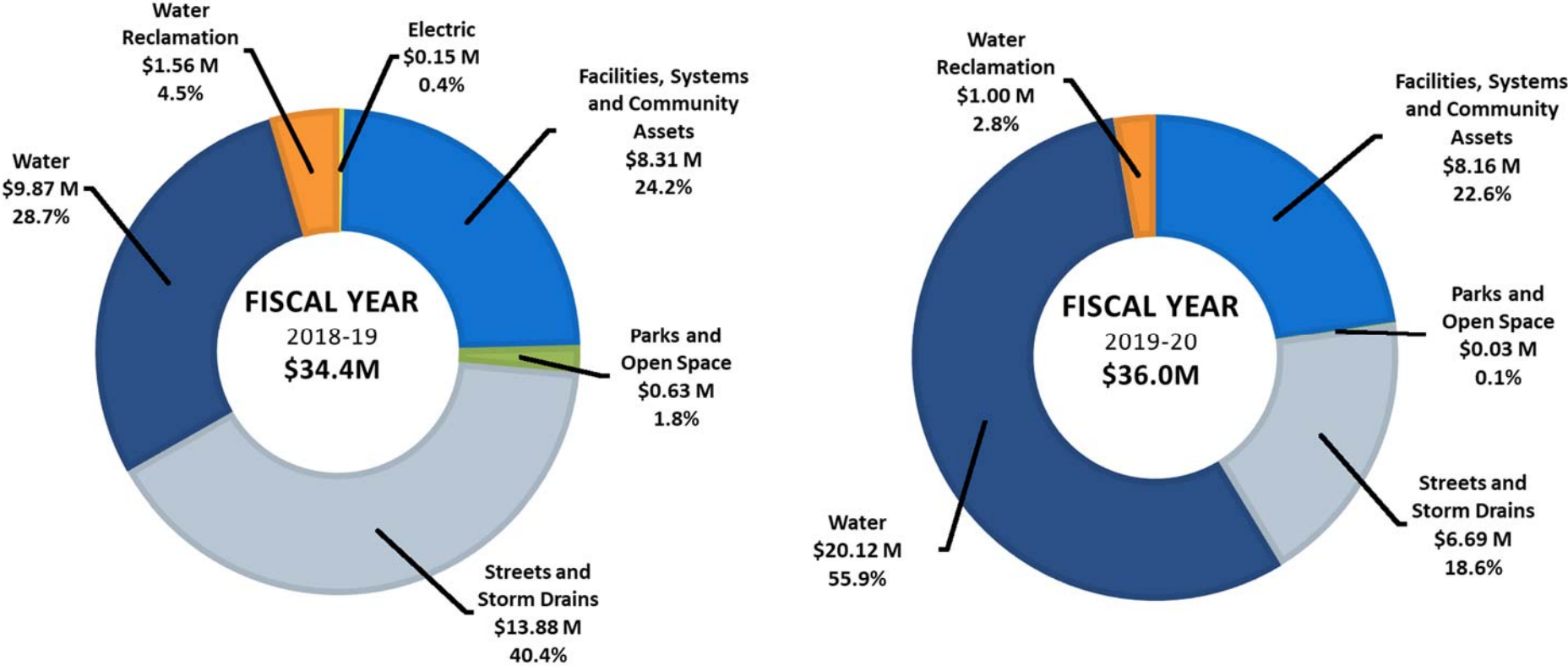
| Project Cost (estimated) | |
|---------------------------------|----------------------|
| Prior Expenses | 730,952 |
| Estimated Carryover Funding | 6,162,643 |
| New Fiscal Year 2018-19 Funding | 4,632,504 |
| Total Cost | \$ 11,526,099 |

Project Description
 Dual-Zone potable water pump station and blending facility at the Manglar Tank.

CAPITAL IMPROVEMENT PLAN OVERVIEW

Chart – CIP Program Funding (New Fiscal Year 2018-19 and 2019-20 Funding)

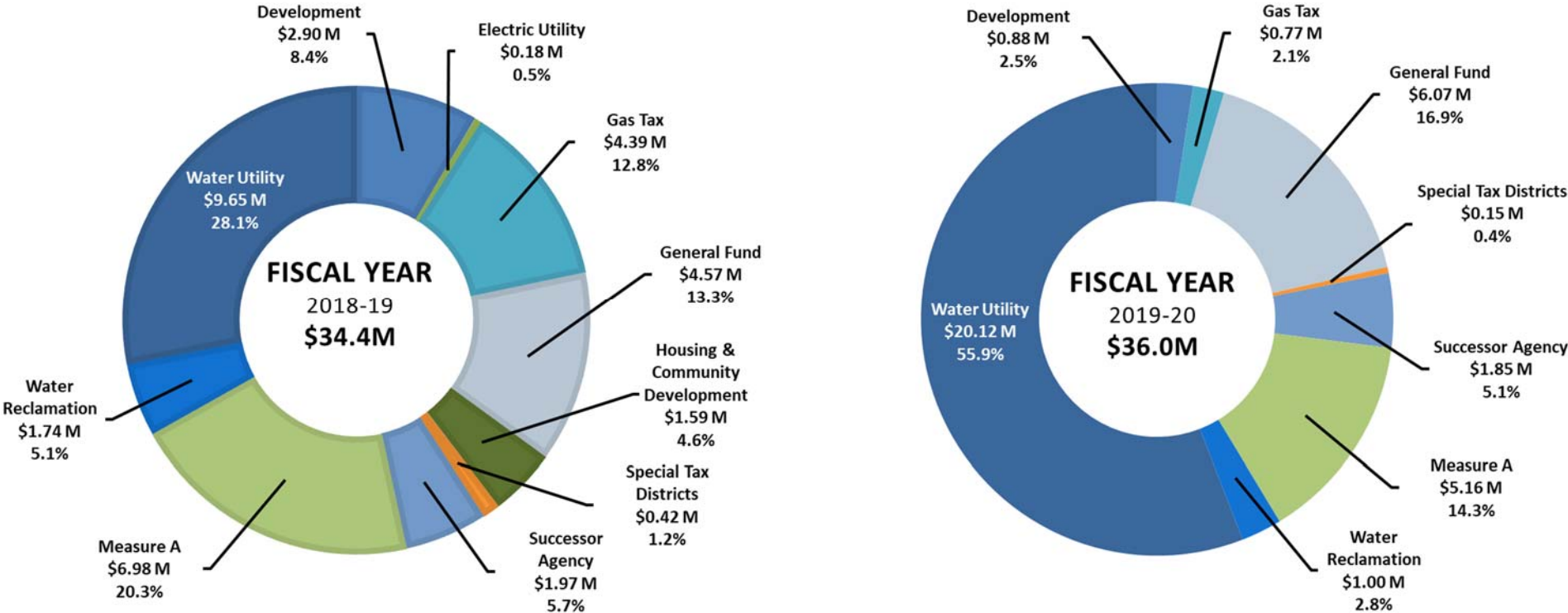
New CIP funding for Fiscal Year 2018-19 totals \$34,396,313 and \$35,997,900 for Fiscal Year 2019-20 in the programs shown below.



CAPITAL IMPROVEMENT PLAN OVERVIEW

Chart – CIP Funding Sources (New Fiscal Year 2018-19 and 2019-20 Funding)

The City utilizes multiple funding sources for its CIP program, including those that are legislatively set aside and committed to specific capital improvement projects, as well as other sources such as the General Fund and utility rates. The following is a summary of new funding in Fiscal Year 2018-19 and 2019-20.





CITY OF CORONA FIVE YEAR CAPITAL IMPROVEMENT PLAN
Funding Totals by Program Name and Category

| Program Name / Program Category | FY 2018-19 | | | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | FY 2023-24 + |
|---|-----------------------------|----------------------|-----------------------|------------------------|----------------------|---------------------|---------------------|---------------------|
| | Estimated Carryover Funding | New Funding | Total Available | Five-Year Capital Plan | | | | |
| Electric | | | | | | | | |
| Electric Distribution Upgrades | \$ 699,281 | \$ 150,000 | \$ 849,281 | \$ - | \$ - | \$ - | \$ - | \$ - |
| General Safety, Maintenance and Other Improvements | 573,754 | - | 573,754 | - | - | - | - | - |
| Electric Total | \$ 1,273,035 | \$ 150,000 | \$ 1,423,035 | \$ - | \$ - | \$ - | \$ - | \$ - |
| Facilities, Systems and Community Assets | | | | | | | | |
| City Facility Improvements and Upgrades | \$ 2,009,469 | \$ 2,256,400 | \$ 4,265,869 | \$ 4,931,360 | \$ 1,719,811 | \$ 1,411,000 | \$ 1,000,000 | \$ 755,000 |
| City Systems and Controls | 4,319,443 | 2,366,500 | 6,685,943 | 900,000 | - | - | - | 1,105,000 |
| Community Assets and Programmatic Projects | 3,233,786 | 3,683,064 | 6,916,850 | 2,323,718 | 3,017,368 | 1,930,356 | 1,748,589 | 6,456,463 |
| Facilities, Systems and Community Assets Total | \$ 9,562,699 | \$ 8,305,964 | \$ 17,868,663 | \$ 8,155,078 | \$ 4,737,179 | \$ 3,341,356 | \$ 2,748,589 | \$ 8,316,463 |
| Parks and Open Space | | | | | | | | |
| General Safety, Maintenance and Other Improvements | \$ 6,932,371 | \$ 630,640 | \$ 7,563,011 | \$ - | \$ - | \$ - | \$ - | \$ - |
| Parks Paving, Courts, and Pathways | 767,166 | - | 767,166 | 29,000 | - | - | - | - |
| Playgrounds, Fencing, and Lighting | 311,813 | - | 311,813 | - | - | - | - | - |
| Parks and Open Space Total | \$ 8,011,350 | \$ 630,640 | \$ 8,641,990 | \$ 29,000 | \$ - | \$ - | \$ - | \$ - |
| Streets and Storm Drains | | | | | | | | |
| Bridges, Railroads, and Freeways | \$ 62,245,845 | \$ 1,392,443 | \$ 63,638,288 | \$ 700,000 | \$ 700,000 | \$ 700,000 | \$ - | \$ - |
| Paving and Striping | 20,242,718 | 7,652,314 | 27,895,032 | 4,987,500 | 3,187,500 | 2,485,000 | 475,000 | 677,500 |
| Planning and Studies | 484,573 | 10,000 | 494,573 | 60,000 | 10,000 | - | - | 10,000 |
| Sidewalk, Curb and Gutters | 2,355,367 | 3,012,000 | 5,367,367 | 550,000 | 300,000 | 300,000 | - | 300,000 |
| Storm Drains, Culverts, Creeks, and Flood Control | 4,204,339 | 800,000 | 5,004,339 | 200,000 | - | - | - | - |
| Streetlights and Poles | 585,953 | - | 585,953 | - | - | - | - | - |
| Traffic Signals | 5,383,299 | 1,015,000 | 6,398,299 | 195,000 | 205,000 | 215,000 | 215,000 | 215,000 |
| Streets and Storm Drains Total | \$ 95,502,093 | \$ 13,881,757 | \$ 109,383,850 | \$ 6,692,500 | \$ 4,402,500 | \$ 3,700,000 | \$ 690,000 | \$ 1,202,500 |
| Water | | | | | | | | |
| Reclaimed Water-General Safety, Maint and Other Improv. | \$ - | \$ - | \$ - | \$ 183,800 | \$ 133,800 | \$ 133,800 | \$ 133,800 | \$ 133,800 |
| Reclaimed Water-Pipelines Rehabilitation | - | 600,000 | 600,000 | - | - | - | - | - |
| Reclaimed Water-Pump Stations | - | 200,000 | 200,000 | - | - | 400,000 | 2,600,000 | - |
| Reclaimed Water-Quality, Supply and Storage | - | - | - | - | 500,000 | 5,500,000 | - | - |
| Reclaimed Water-Transmission and Distribution Pipelines | 424,235 | 150,000 | 574,235 | 5,243,843 | 12,729,000 | - | - | - |
| Water-General Safety, Maintenance and Other Improv. | 5,038,780 | 692,250 | 5,731,030 | 3,186,974 | 900,000 | 1,551,619 | 192,144 | 2,350,000 |
| Water-Pump Stations | 4,817,432 | 500,000 | 5,317,432 | 6,606,705 | 2,571,373 | 678,992 | - | 396,500 |
| Water-Supervisory Control and Data Acquisition (SCADA) | 516,616 | 300,000 | 816,616 | - | - | - | - | - |
| Water-Quality, Supply and Storage | 7,973,107 | 300,000 | 8,273,107 | 1,900,000 | 8,982,500 | - | - | - |
| Water-Transmission and Distribution Pipelines | 11,176,188 | 7,128,004 | 18,304,192 | 3,000,000 | 9,825,000 | - | - | 2,379,000 |
| Water Total | \$ 29,946,357 | \$ 9,870,254 | \$ 39,816,611 | \$ 20,121,322 | \$ 35,641,673 | \$ 8,264,411 | \$ 2,925,944 | \$ 5,259,300 |



CITY OF CORONA FIVE YEAR CAPITAL IMPROVEMENT PLAN
Funding Totals by Program Name and Category

| Program Name / Program Category | FY 2018-19 | | | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | FY 2023-24 + |
|---|-----------------------------|----------------------|-----------------------|------------------------|----------------------|----------------------|---------------------|-----------------------|
| | Estimated Carryover Funding | New Funding | Total Available | Five-Year Capital Plan | | | | |
| Water Reclamation | | | | | | | | |
| General Safety, Maintenance and Other Improvements | \$ 660,970 | \$ - | \$ 660,970 | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pipelines Rehabilitation | 3,620,123 | - | 3,620,123 | - | - | - | - | - |
| Pump Stations and Lift Stations | 7,308,321 | 325,000 | 7,633,321 | 500,000 | 5,000,000 | - | - | 8,255,700 |
| Sewer Main Rehabilitation | 9,371,424 | 310,000 | 9,681,424 | 500,000 | - | - | - | 10,015,000 |
| Treatment | 5,527,623 | 922,698 | 6,450,321 | - | - | - | - | - |
| Water Reclamation Total | \$ 26,488,461 | \$ 1,557,698 | \$ 28,046,159 | \$ 1,000,000 | \$ 5,000,000 | \$ - | \$ - | \$ 18,270,700 |
| Total Capital Improvement Program Funding | \$ 170,783,995 | \$ 34,396,313 | \$ 205,180,308 | \$ 35,997,900 | \$ 49,781,352 | \$ 15,305,767 | \$ 6,364,533 | \$ 33,048,963 |
| Unfunded CIP Projects | | | | | | | | |
| Unfunded Bridges, Railroads and Freeways | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 112,100,000 |
| Unfunded City Facility Improvements and Upgrades | - | - | - | - | - | - | - | 426,000 |
| Unfunded Community Assets and Programmatic Projects | - | - | - | - | - | - | - | 2,260,425 |
| Unfunded CIP Projects Total | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 114,786,425 |

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated</u> | <u>FY 2018-19</u> | <u>FY 2019-20</u> | <u>Total Available</u> |
|---------------------|--------------------|---------------------|--|------------------|-------------------|-------------------|------------------------|
| | | | | <u>Carryover</u> | <u>Adopted</u> | <u>Forecast</u> | |
| | | | | <u>Funding</u> | | | |
| GENERAL FUND | | | | | | | |
| | 110 | 61490 | FCLTS City Hall Facilities - Capital Improvements | \$ 105,395 | \$ - | \$ - | \$ 105,395 |
| * | 110 | 61540 | FCLTS Library Lighting Improvements | - | - | 29,000 | 29,000 |
| | 110 | 62030 | FCLTS Communication Radio Systems Upgrade | 131 | - | - | 131 |
| * | 110 | 62400 | FCLTS City Fire Stations Capital Improvements | 11,290 | 181,900 | 249,000 | 442,190 |
| | 110 | 62940 | FCLTS Library HVAC DDS Control System Upgrades | - | - | - | - |
| * | 110 | 62950 | FCLTS Library Facilities Capital Improvements | 164,217 | 88,000 | - | 252,217 |
| | 110 | 63130 | FCLTS Recreational Activities | 18,917 | - | - | 18,917 |
| | 110 | 63160 | FCLTS Circle City Center | - | - | - | - |
| * | 110 | 63800 | FCLTS Community Events - Co-Sponsored | 36,031 | 35,142 | - | 71,173 |
| | 110 | 63901 | FCLTS Library Materials - Adopt-A-Book Friends | 7,077 | - | - | 7,077 |
| | 110 | 67060 | FCLTS Animal Shelter Relocation | 34,643 | - | - | 34,643 |
| | 110 | 68330 | STRTS Overlook Street Improvements | 19,184 | - | - | 19,184 |
| | 110 | 68590 | FCLTS City Council Chamber Upgrade | 239,810 | - | - | 239,810 |
| * | 110 | 68690 | FCLTS Citywide ADA Improvements | 507,558 | 1,000,000 | 1,000,000 | 2,507,558 |
| | 110 | 68920 | FCLTS Corporation Yard Facility Capital Improvements | 13,507 | - | - | 13,507 |
| | 110 | 69060 | FCLTS General Plan/Climate Action Plan Update | 595,804 | - | - | 595,804 |
| | 110 | 69120 | FCLTS City Unified Camera Project | 358,128 | - | - | 358,128 |
| | 110 | 69500 | STRTS Cajalco / I-15 Interchange Improvements | 84,935 | - | - | 84,935 |
| * | 110 | 70100 | FCLTS Emergency 911 Phone System | 61,910 | - | 600,000 | 661,910 |
| | 110 | 70110 | FCLTS Public Safety Enterprise Communication (PSEC) Radio Interoperability | 239,022 | - | - | 239,022 |
| | 110 | 70130 | FCLTS Technology Enhancements | 74,590 | - | - | 74,590 |
| * | 110 | 70140 | FCLTS Historic Civic Center Facility Capital Improvements | - | - | 250,000 | 250,000 |
| | 110 | 70150 | FCLTS City Unified Camera Project, Phase II | 376,622 | - | - | 376,622 |
| | 110 | 70270 | STRTS Traffic Signal at Serfas Club Drive/Rancho Corona Road | 16,678 | - | - | 16,678 |
| | 110 | 70730 | STRTS Sidewalk, Curb and Gutter Repair/Replacement/Maintenance | 1,700 | - | - | 1,700 |
| | 110 | 71150 | STRTS Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation | 1,175,816 | - | - | 1,175,816 |
| | 110 | 71540 | PARKS Bicycle Infrastructure | 10,732 | - | - | 10,732 |
| | 110 | 71550 | FCLTS Remote Monitoring MDF/IDF Rooms | 40,111 | - | - | 40,111 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| Fund | Project No. | Program Name | Description | Estimated | FY 2018-19 | FY 2019-20 | Total Available |
|-------------------|-------------|--------------|--|---------------------|---------------------|---------------------|----------------------|
| | | | | Carryover Funding | Adopted | Forecast | |
| | 110 | 71600 | FCLTS Armory Renovations Project | 100,000 | - | - | 100,000 |
| * | 110 | 71630 | FCLTS Police Body Worn Cameras | 13,193 | - | 300,000 | 313,193 |
| * | 110 | 71650 | FCLTS City Hall Security Improvements | 275,000 | 500,000 | - | 775,000 |
| | 110 | 71660 | FCLTS Fire Station Alerting Systems | 223,000 | - | - | 223,000 |
| | 110 | 71670 | FCLTS Police CAD/RMS System | 1,613,354 | - | - | 1,613,354 |
| | 110 | 71700 | FCLTS Corona Innovation Center | 239,426 | - | - | 239,426 |
| | 110 | 71710 | FCLTS Auto Center Sign | 150,000 | - | - | 150,000 |
| | 110 | 72010 | FCLTS Emergency Flood Response Grant | 73,561 | - | - | 73,561 |
| | 110 | 72070 | FCLTS Animal Control Facilities Capital Improvements | 1,022 | - | - | 1,022 |
| * | 110 | 72080 | FCLTS Community Center Facilities Capital Improvements | 15,000 | 41,200 | 43,500 | 99,700 |
| | 110 | 72330 | FCLTS Timekeeping System | 500,000 | - | - | 500,000 |
| | 110 | 72380 | FCLTS Police Firearm Facility Repairs/Replacement | 202,075 | - | - | 202,075 |
| | 110 | 72410 | FCLTS Animal Shelter Playground/Social Yard | 13,635 | - | - | 13,635 |
| * | 110 | 72520 | FCLTS New VHF Radio Simulcast and Backhaul System | - | 2,000,000 | - | 2,000,000 |
| * | 110 | 72530 | FCLTS Police Department Facility Improvements | - | 59,300 | 415,300 | 474,600 |
| * | 110 | 72540 | FCLTS Replace Microwave Links to Fire Station | - | 190,000 | - | 190,000 |
| * | 110 | 72550 | FCLTS Replace Shooting Range Chillers | - | 100,000 | - | 100,000 |
| * | 110 | 72560 | FCLTS Replace Technology in Police Training Rooms | - | 76,500 | - | 76,500 |
| * | 110 | 72570 | FCLTS Replacement of Dispatch Furniture | - | 250,000 | - | 250,000 |
| * | 110 | 72580 | FCLTS Stand Alone Air Conditioner for the Dispatch Communications Center | - | 30,000 | - | 30,000 |
| | 110 | 72820 | FCLTS Grape Hill Telecommunications Tower No. 2 | 36,000 | - | - | 36,000 |
| | 110 | 84480 | STRTS Sherborn Street Improvements | 438,374 | - | - | 438,374 |
| | 110 | 86040 | STRTS Foothill Parkway Westerly Extension | 603,387 | - | - | 603,387 |
| * | 110 | NEW | FCLTS City Hall Carpet Replacement | - | - | 232,560 | 232,560 |
| * | 110 | NEW | FCLTS City Hall Roof | - | - | 2,590,000 | 2,590,000 |
| * | 110 | NEW | FCLTS Fire Department Needs Assessment - Equipment | - | - | 322,060 | 322,060 |
| * | 110 | NEW | FCLTS Fire Department Needs Assessment - Facilities | - | - | 36,000 | 36,000 |
| FUND TOTAL | | | | \$ 8,690,836 | \$ 4,552,042 | \$ 6,067,420 | \$ 19,310,298 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> |
|--|--------------------|---------------------|--------------------|---|---------------------------|----------------------------|------------------------|
| LIBRARY FACILITIES AND COLLECTION FEE FUND | | | | | | | |
| | 206 | 63900 | FCLTS | Library Materials | \$ 2,094 | \$ - | \$ 2,094 |
| * | 206 | 72590 | FCLTS | Library Automated Materials Handling System | - | 64,000 | 150,000 |
| | 206 | 86900 | FCLTS | Citywide Facilities Inventory | 4,000 | - | 4,000 |
| | 206 | 86910 | FCLTS | Citywide Development Impact Fee Review | 2,832 | - | 2,832 |
| FUND TOTAL | | | | \$ 8,926 | \$ 64,000 | \$ 86,000 | \$ 158,926 |
| FIRE WILD LAND FACILITIES FEE FUND | | | | | | | |
| * | 207 | 62900 | FCLTS | Fire Equipment Acquisition | \$ 15,973 | \$ 8,631 | \$ 24,604 |
| FUND TOTAL | | | | \$ 15,973 | \$ 8,631 | \$ - | \$ 24,604 |
| TEMESCAL CNAYON LAW ENFORCEMENT FACILITIES FEE FUND | | | | | | | |
| | 208 | 86900 | FCLTS | Citywide Facilities Inventory | \$ 4,000 | \$ - | \$ 4,000 |
| | 208 | 86910 | FCLTS | Citywide Development Impact Fee Review | 2,832 | - | 2,832 |
| FUND TOTAL | | | | \$ 6,832 | \$ - | \$ - | \$ 6,832 |
| TEMESCAL CANYON FIRE FACILITIES FEE FUND | | | | | | | |
| | 209 | 86900 | FCLTS | Citywide Facilities Inventory | \$ 4,000 | \$ - | \$ 4,000 |
| | 209 | 86910 | FCLTS | Citywide Development Impact Fee Review | 2,832 | - | 2,832 |
| FUND TOTAL | | | | \$ 6,832 | \$ - | \$ - | \$ 6,832 |
| STREETS, BRIDGES AND SIGNALS DEVELOPMENT FEE FUND | | | | | | | |
| * | 211 | 62410 | STRTS | Magnolia Avenue Widening | \$ 6,321 | \$ 500,000 | \$ 506,321 |
| | 211 | 63060 | STRTS | Foothill Parkway Easterly Improvements | 45,612 | - | 45,612 |
| | 211 | 69500 | STRTS | Cajalco / I-15 Interchange Improvements | 232,828 | - | 232,828 |
| * | 211 | 69510 | STRTS | Citywide Master Plan Street Improvements | 1,087,748 | 500,000 | 1,587,748 |
| | 211 | 70630 | STRTS | Citywide Traffic Signals | 2,638,389 | - | 2,638,389 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> | |
|---|--------------------|---------------------|--------------------|---|---------------------------|----------------------------|------------------------|------------|
| * | 211 | 71800 | STRTS | Advanced Traffic Management System (ATMS) Phase III and ATMS Master Plan Update | 1,200,000 | 300,000 | - | 1,500,000 |
| | 211 | 71840 | STRTS | Traffic Signal Maintenance Facility | 230,000 | - | - | 230,000 |
| * | 211 | 72100 | STRTS | Ontario Avenue Widening | 741,742 | 503,000 | - | 1,244,742 |
| * | 211 | 72110 | STRTS | Traffic Signal at Green River Road / Montana Ranch Road | 399,324 | 50,000 | - | 449,324 |
| | 211 | 72140 | STRTS | Traffic Signal Installation at Ontario Avenue / State Street | 75,000 | - | - | 75,000 |
| * | 211 | 80020 | STRTS | South Corona Master Planned Streets | - | 100,000 | - | 100,000 |
| | 211 | 86040 | STRTS | Foothill Parkway Westerly Extension | 43 | - | - | 43 |
| | 211 | 86900 | FCLTS | Citywide Facilities Inventory | 9,900 | - | - | 9,900 |
| | 211 | 86910 | FCLTS | Citywide Development Impact Fee Review | 10,007 | - | - | 10,007 |
| FUND TOTAL | | | | \$ 6,676,914 | \$ 1,953,000 | \$ - | \$ 8,629,914 | |
| STORM DRAINAGE DEVELOPMENT FEE FUND | | | | | | | | |
| | 212 | 62910 | STRTS | Corona Storm Drain Line 52 | \$ 949,940 | \$ - | \$ - | \$ 949,940 |
| * | 212 | 62920 | STRTS | East Grand Boulevard Storm Drain | 39,941 | 100,000 | - | 139,941 |
| | 212 | 86050 | STRTS | Chase Drive Improvements - Phase III | 90,906 | - | - | 90,906 |
| | 212 | 86900 | FCLTS | Citywide Facilities Inventory | 47,297 | - | - | 47,297 |
| | 212 | 86910 | FCLTS | Citywide Development Impact Fee Review | 5,382 | - | - | 5,382 |
| * | 212 | 86920 | STRTS | Reimbursement Agreement Payments - Drainage | 221,849 | - | 10,000 | 231,849 |
| FUND TOTAL | | | | \$ 1,355,314 | \$ 100,000 | \$ 10,000 | \$ 1,465,314 | |
| LAW ENFORCEMENT DEVELOPMENT FEE FUND | | | | | | | | |
| | 213 | 69120 | FCLTS | City Unified Camera Project | \$ 1,289 | \$ - | \$ - | \$ 1,289 |
| * | 213 | 86450 | FCLTS | Police Equipment Acquisition | 40,892 | 35,000 | - | 75,892 |
| | 213 | 86900 | FCLTS | Citywide Facilities Inventory | 4,000 | - | - | 4,000 |
| | 213 | 86910 | FCLTS | Citywide Development Impact Fee Review | 2,832 | - | - | 2,832 |
| FUND TOTAL | | | | \$ 49,012 | \$ 35,000 | \$ - | \$ 84,012 | |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> | |
|--|--------------------|---------------------|--------------------|--|---------------------------|----------------------------|------------------------|-------------------|
| FIRE PROTECTION DEVELOPMENT FEE FUND | | | | | | | | |
| * | 214 | 62900 | FCLTS | Fire Equipment Acquisition | \$ 142,626 | \$ 46,668 | \$ - | \$ 189,294 |
| | 214 | 64110 | FCLTS | Fire Facilities Expansion/Planning | 48,979 | - | - | 48,979 |
| | 214 | 71660 | FCLTS | Fire Station Alerting Systems | 237,000 | - | - | 237,000 |
| | 214 | 86900 | FCLTS | Citywide Facilities Inventory | 3,956 | - | - | 3,956 |
| | 214 | 86910 | FCLTS | Citywide Development Impact Fee Review | 2,832 | - | - | 2,832 |
| FUND TOTAL | | | | | \$ 435,393 | \$ 46,668 | \$ - | \$ 482,061 |
| COMMUNITY MEETING DEVELOPMENT FEE FUND | | | | | | | | |
| | 215 | 71600 | FCLTS | Armory Renovations Project | \$ 61,296 | \$ - | \$ - | \$ 61,296 |
| * | 215 | 71640 | FCLTS | Vicentia Activity Center | 12,309 | 20,000 | - | 32,309 |
| | 215 | 86900 | FCLTS | Citywide Facilities Inventory | 4,000 | - | - | 4,000 |
| | 215 | 86910 | FCLTS | Citywide Development Impact Fee Review | 2,832 | - | - | 2,832 |
| FUND TOTAL | | | | | \$ 80,437 | \$ 20,000 | \$ - | \$ 100,437 |
| AQUATIC CENTER DEVELOPMENT FEE FUND | | | | | | | | |
| | 216 | 69630 | PARKS | Aquatic Improvements | \$ 107,375 | \$ - | \$ - | \$ 107,375 |
| | 216 | 86900 | FCLTS | Citywide Facilities Inventory | 5,645 | - | - | 5,645 |
| | 216 | 86910 | FCLTS | Citywide Development Impact Fee Review | 1,082 | - | - | 1,082 |
| FUND TOTAL | | | | | \$ 114,102 | \$ - | \$ - | \$ 114,102 |
| PARKLAND ACQUISITION AND DEVELOPMENT FEE FUND | | | | | | | | |
| | 217 | 68690 | FCLTS | Citywide ADA Improvements | \$ 225,000 | \$ - | \$ - | \$ 225,000 |
| | 217 | 68900 | PARKS | Parks Hardscape | 1,285,189 | - | - | 1,285,189 |
| | 217 | 68960 | PARKS | Parks Basis Amenities | 949,488 | - | - | 949,488 |
| | 217 | 68980 | PARKS | Parks Enhanced | 598 | - | - | 598 |
| | 217 | 68990 | PARKS | Parks Lighting Improvements | 105,036 | - | - | 105,036 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| Fund | Project No. | Program Name | Description | Estimated | FY 2018-19 | FY 2019-20 | Total Available | |
|--|-------------|--------------|--|---|---------------------|-------------------|---------------------|--------------|
| | | | | Carryover Funding | Adopted | Forecast | | |
| 217 | 69010 | PARKS | Parks Facility Improvements | 612,723 | - | - | 612,723 | |
| 217 | 71540 | PARKS | Bicycle Infrastructure | 25,668 | - | - | 25,668 | |
| 217 | 71610 | WATER | City Park Basketball and Volleyball Court Relocation | 99,115 | - | - | 99,115 | |
| 217 | 71720 | PARKS | Griffin Park | 296,596 | - | - | 296,596 | |
| 217 | 71760 | PARKS | Splash Pad at Ridgeline Park | 15,217 | - | - | 15,217 | |
| * | 217 | 72600 | PARKS | Auburndale Amenities Improvements | - | 630,640 | - | 630,640 |
| FUND TOTAL | | | | \$ 3,614,631 | \$ 630,640 | \$ - | \$ 4,245,271 | |
| CORONA MALL BUSINESS IMPROVEMENT DISTRICT FUND | | | | | | | | |
| * | 218 | 84220 | FCLTS | Corona Mall Business Improvement District | \$ 309,875 | \$ - | \$ 148,569 | \$ 458,444 |
| FUND TOTAL | | | | \$ 309,875 | \$ - | \$ 148,569 | \$ 458,444 | |
| ROAD MAINTENANCE AND REHABILITATION ACCOUNT (RMRA) FUND | | | | | | | | |
| * | 221 | 69210 | STRTS | Local Street Pavement Rehabilitation | \$ - | \$ 2,000,000 | \$ - | \$ 2,000,000 |
| | 221 | 70800 | STRTS | Major Pavement Rehabilitation | 929,845 | - | - | 929,845 |
| * | 221 | 72610 | STRTS | Rubberized Asphalt Concrete (RAC) Project | - | 785,814 | - | 785,814 |
| FUND TOTAL | | | | \$ 929,845 | \$ 2,785,814 | \$ - | \$ 3,715,659 | |
| GAS TAX (2105-2106-Prop 42) FUND | | | | | | | | |
| * | 222 | 62410 | STRTS | Magnolia Avenue Widening | \$ - | \$ 100,000 | \$ 100,000 | \$ 200,000 |
| | 222 | 62770 | STRTS | Alley Improvements | 389,781 | - | - | 389,781 |
| | 222 | 68330 | STRTS | Overlook Street Improvements | 363,061 | - | - | 363,061 |
| * | 222 | 68860 | STRTS | Citywide Benchmark Update | 140,000 | - | 50,000 | 190,000 |
| | 222 | 69210 | STRTS | Local Street Pavement Rehabilitation | 904,539 | - | - | 904,539 |
| | 222 | 69220 | STRTS | Pavement Maintenance and Resurfacing | 4,382 | - | - | 4,382 |
| | 222 | 69370 | STRTS | McKinley Grade Separation | 87,186 | - | - | 87,186 |
| | 222 | 69500 | STRTS | Cajalco / I-15 Interchange Improvements | 12,191 | - | - | 12,191 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> | |
|-------------------|--------------------|---------------------|--------------------|--|---------------------------|----------------------------|------------------------|---------|
| | 222 | 69687 | STRTS | FY 2016-17 CDBG Sidewalk Improvements | 163,686 | - | - | 163,686 |
| | 222 | 69690 | STRTS | Ontario Avenue Street Improvements | 420,000 | - | - | 420,000 |
| * | 222 | 70730 | STRTS | Sidewalk, Curb and Gutter Repair/Replacement/Maintenance | 3,616 | 287,000 | 275,000 | 565,616 |
| | 222 | 70800 | STRTS | Major Streets Pavement Rehabilitation | 339,975 | - | - | 339,975 |
| * | 222 | 70940 | STRTS | Miscellaneous Repair and Replacement of Traffic Signals | - | 170,000 | 180,000 | 350,000 |
| | 222 | 71810 | STRTS | Traffic Signal Emergency Vehicle Preemption System Upgrade | 120,000 | - | - | 120,000 |
| | 222 | 71820 | STRTS | Traffic Signal Installation at Auto Center Drive / Metrolink Station | 50,000 | - | - | 50,000 |
| | 222 | 71830 | STRTS | Traffic Signals Lighting Upgrade | 100,000 | - | - | 100,000 |
| | 222 | 72150 | STRTS | San Ramon Gate Removal | 50,000 | - | - | 50,000 |
| * | 222 | 72160 | STRTS | Citywide Traffic Signs | 12,327 | 15,000 | 15,000 | 42,327 |
| * | 222 | 72210 | STRTS | Citywide Sidewalk and ADA Improvements - Phase II | - | 500,000 | - | 500,000 |
| * | 222 | 72620 | STRTS | Butterfield Drive Road Relocation | - | 150,000 | - | 150,000 |
| * | 222 | 72630 | STRTS | Magnolia Median Rehabilitation | - | 300,000 | - | 300,000 |
| * | 222 | 72920 | STRTS | Striping Rehabilitation | 279,304 | 80,000 | 150,000 | 509,304 |
| * | 222 | 73540 | STRTS | Overlook Road Maintenance | 38,957 | - | 2,500 | 41,457 |
| | 222 | 86040 | STRTS | Foothill Parkway Westerly Extension | 285,285 | - | - | 285,285 |
| FUND TOTAL | | | | \$ 3,764,289 | \$ 1,602,000 | \$ 772,500 | \$ 6,138,789 | |

MEASURE A FUND

| | | | | | | | | |
|---|-----|-------|-------|--|------------|------------|------------|--------------|
| * | 227 | 62410 | STRTS | Magnolia Avenue Widening | \$ 743,678 | \$ 600,000 | \$ 600,000 | \$ 1,943,678 |
| | 227 | 62770 | STRTS | Alley Improvements | 295,557 | - | - | 295,557 |
| | 227 | 62910 | STRTS | Corona Storm Drain Line 53 | 675,513 | - | - | 675,513 |
| * | 227 | 62920 | STRTS | East Grand Boulevard Storm Drain | - | 200,000 | 200,000 | 400,000 |
| | 227 | 63060 | STRTS | Foothill Parkway Easterly Improvements | 3,007 | - | - | 3,007 |
| * | 227 | 68330 | STRTS | Overlook Street Improvements | 294,114 | 50,000 | 50,000 | 394,114 |
| | 227 | 68860 | STRTS | Citywide Benchmark Update | 40,000 | - | - | 40,000 |
| * | 227 | 69210 | STRTS | Local Street Pavement Rehabilitation | 211,956 | 1,000,000 | 1,000,000 | 2,211,956 |
| * | 227 | 69220 | STRTS | Pavement Maintenance and Resurfacing | 5,696 | 213,000 | 200,000 | 418,696 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> |
|-------------|--------------------|---------------------|--|------------------------------------|---------------------------|----------------------------|------------------------|
| | 227 | 69370 | STRTS McKinley Grade Separation | 1,000,000 | - | - | 1,000,000 |
| | 227 | 69660 | STRTS Citywide Traffic Model Update | 225,000 | - | - | 225,000 |
| | 227 | 69670 | STRTS SR-91 City Betterments | 300,000 | - | - | 300,000 |
| | 227 | 69690 | STRTS Ontario Avenue Street Improvements | 920,197 | - | - | 920,197 |
| | 227 | 70270 | STRTS Traffic Signal at Serfas Club Drive/Rancho Corona Road | 56,139 | - | - | 56,139 |
| * | 227 | 70690 | STRTS Pavement Management Study | 79,573 | 10,000 | 10,000 | 99,573 |
| * | 227 | 70730 | STRTS Sidewalk, Curb and Gutter Repair/Replacement/Maintenance | 2,127 | 275,000 | 275,000 | 552,127 |
| * | 227 | 70800 | STRTS Major Streets Pavement Rehabilitation | 1,586,072 | 1,000,000 | 1,000,000 | 3,586,072 |
| | 227 | 70940 | STRTS Miscellaneous Repair and Replacement of Traffic Signals | 142,381 | - | - | 142,381 |
| | 227 | 71150 | STRTS Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation | 301,042 | - | - | 301,042 |
| | 227 | 71420 | STRTS Hidden Springs Drive Drainage Improvement | 325 | - | - | 325 |
| | 227 | 71780 | STRTS Sixth Street Revitalization | 998,065 | - | - | 998,065 |
| * | 227 | 71790 | STRTS Bridge Evaluation | 250,000 | 50,000 | - | 300,000 |
| | 227 | 71830 | STRTS Traffic Signals Lighting Upgrade | 75,000 | - | - | 75,000 |
| * | 227 | 71840 | STRTS Traffic Signal Maintenance Facility | - | 30,000 | - | 30,000 |
| | 227 | 71980 | STRTS 2016 Street Pavement Maintenance and Rehab | 355,409 | - | - | 355,409 |
| * | 227 | 72100 | STRTS Ontario Avenue Widening | - | 500,000 | 500,000 | 1,000,000 |
| * | 227 | 72110 | STRTS Traffic Signal at Green River Road / Montana Ranch Road | - | 10,000 | - | 10,000 |
| | 227 | 72170 | STRTS FY 2017-18 CDBG Pavement Rehabilitation | 981,503 | - | - | 981,503 |
| | 227 | 72180 | STRTS FY 2017-18 CDBG Sidewalk Improvement Project | 260,000 | - | - | 260,000 |
| * | 227 | 72210 | STRTS Citywide Sidewalk and ADA Improvements - Phase II | 684,400 | 1,400,000 | - | 2,084,400 |
| * | 227 | 72220 | STRTS Changeable Traffic Message Sign Replacement | 25,000 | 25,000 | - | 50,000 |
| | 227 | 72500 | STRTS Garretson Avenue AC Pathway | 15,429 | - | - | 15,429 |
| * | 227 | 72610 | STRTS Rubberized Asphalt Concrete (RAC) Project | - | 50,000 | - | 50,000 |
| * | 227 | 72620 | STRTS Butterfield Drive Road Relocation | - | 700,000 | 1,150,000 | 1,850,000 |
| * | 227 | 72630 | STRTS Magnolia Median Rehabilitation | - | 200,000 | - | 200,000 |
| * | 227 | 72650 | STRTS Household Waste Collection Facility Street Improvements | - | 45,500 | - | 45,500 |
| * | 227 | 72680 | STRTS River Road Median Landscape Improvements | - | 50,000 | - | 50,000 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> |
|--|--------------------|---------------------|--------------------|--|---------------------------|----------------------------|------------------------|
| * | 227 | 72700 | STRTS | Sixth and Yorba Street Waterline Replacement and Pavement Rehab | - | 500,000 | 500,000 |
| * | 227 | 72920 | STRTS | Striping Rehabilitation | 38,821 | 65,000 | 278,821 |
| * | 227 | 73540 | STRTS | Overlook Road Maintenance | - | 10,000 | 10,000 |
| | 227 | 80270 | STRTS | Sidewalk and ADA Improvements | 365,030 | - | 365,030 |
| | 227 | 86050 | STRTS | Chase Drive Improvements - Phase III | 400,000 | - | 400,000 |
| FUND TOTAL | | | | \$ 11,331,034 | \$ 6,983,500 | \$ 5,160,000 | \$ 23,474,534 |
| CIVIC CENTER FUND | | | | | | | |
| | 232 | 63160 | FCLTS | Circle City Center | \$ 6,329 | \$ - | \$ 6,329 |
| * | 232 | 70140 | FCLTS | Historic Civic Center Facility Capital Improvements | 1,952 | 22,000 | 23,952 |
| FUND TOTAL | | | | \$ 8,280 | \$ 22,000 | \$ - | \$ 30,280 |
| PUBLIC WORKS TRANSPORTATION GRANTS/AGREEMENT FUND | | | | | | | |
| | 243 | 62910 | STRTS | Corona Storm Drain Line 54 | \$ 1,670,022 | \$ - | \$ 1,670,022 |
| | 243 | 69370 | STRTS | McKinley Grade Separation | 1,979,774 | - | 1,979,774 |
| | 243 | 69500 | STRTS | Cajalco / I-15 Interchange Improvements | 576,479 | - | 576,479 |
| | 243 | 69501 | STRTS | Cajalco / I-15 Interchange Improvements | 49,698,363 | - | 49,698,363 |
| | 243 | 69690 | STRTS | Ontario Avenue Street Improvements | 822,229 | - | 822,229 |
| | 243 | 70800 | STRTS | Major Pavement Rehabilitation | 140,830 | - | 140,830 |
| | 243 | 71150 | STRTS | Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation | 3,239,578 | - | 3,239,578 |
| | 243 | 71820 | STRTS | Traffic Signal Installation at Auto Center Drive / Metrolink Station | 235,685 | - | 235,685 |
| | 243 | 72100 | STRTS | Ontario Avenue Widening | 1,448,644 | - | 1,448,644 |
| | 243 | 72480 | STRTS | Second Street and Bollero Place Maintenance | 25,000 | - | 25,000 |
| FUND TOTAL | | | | \$ 59,836,604 | \$ - | \$ - | \$ 59,836,604 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> |
|--|--------------------|---------------------|--|------------------------------------|---------------------------|----------------------------|------------------------|
| COUNTY SERVICE AREA 152 | | | | | | | |
| 245 | 71990 | FCLTS | Household Hazardous Waste Facility | \$ 32,237 | \$ - | \$ - | \$ 32,237 |
| FUND TOTAL | | | | \$ 32,237 | \$ - | \$ - | \$ 32,237 |
| CFD 2001-1 LANDSCAPE FUND | | | | | | | |
| 249 | 70460 | PARKS | Landscape Retrofit Project | \$ 1,173,777 | \$ - | \$ - | \$ 1,173,777 |
| FUND TOTAL | | | | \$ 1,173,777 | \$ - | \$ - | \$ 1,173,777 |
| LMD 2003-1 LIGHTING CAJALCO/DL | | | | | | | |
| 252 | 72430 | STRTS | LED Safety/Street Light Retrofit | \$ 8,890 | \$ - | \$ - | \$ 8,890 |
| * | 252 | 72710 | Dos Lagos Traffic Signal Improvements | - | 415,000 | - | 415,000 |
| FUND TOTAL | | | | \$ 8,890 | \$ 415,000 | \$ - | \$ 423,890 |
| CFD/LMD 2011-1 CORONA NORTH MAIN | | | | | | | |
| 253 | 72430 | STRTS | LED Safety/Street Light Retrofit | \$ 523 | \$ - | \$ - | \$ 523 |
| FUND TOTAL | | | | \$ 523 | \$ - | \$ - | \$ 523 |
| THOROUGHFARES FACILITIES FEE FUND | | | | | | | |
| 261 | 63060 | STRTS | Foothill Parkway Easterly Improvements | \$ 1,004 | \$ - | \$ - | \$ 1,004 |
| * | 261 | 80020 | South Corona Master Planned Streets | 473,359 | 42,443 | - | 515,802 |
| 261 | 86040 | STRTS | Foothill Parkway Westerly Extension | 260,863 | - | - | 260,863 |
| 261 | 86050 | STRTS | Chase Drive Improvements - Phase III | 377,693 | - | - | 377,693 |
| 261 | 86910 | FCLTS | Citywide Development Impact Fee Review | 3,000 | - | - | 3,000 |
| FUND TOTAL | | | | \$ 1,115,918 | \$ 42,443 | \$ - | \$ 1,158,361 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> | |
|--|--------------------|---------------------|--------------------|--|---------------------------|----------------------------|------------------------|---------------------|
| LANDSCAPING FACILITIES FEE FUND | | | | | | | | |
| * | 274 | 72100 | STRTS | Ontario Avenue Widening | \$ - | \$ - | \$ 750,000 | \$ 750,000 |
| * | 274 | 80080 | PARKS | South Corona Master Planned Landscape | 767,166 | - | 29,000 | 796,166 |
| | 274 | 86040 | STRTS | Foothill Parkway Westerly Extension | 310,079 | - | - | 310,079 |
| | 274 | 86900 | FCLTS | Citywide Facilities Inventory | 2,370 | - | - | 2,370 |
| FUND TOTAL | | | | | \$ 1,079,615 | \$ - | \$ 779,000 | \$ 1,858,615 |
| AIRPORT FUND | | | | | | | | |
| | 275 | 69890 | FCLTS | Airport Facilities Capital Improvements | \$ 192,544 | \$ - | \$ - | \$ 192,544 |
| FUND TOTAL | | | | | \$ 192,544 | \$ - | \$ - | \$ 192,544 |
| LOW MOD INCOME HOUSING ASSET | | | | | | | | |
| | 291 | 71970 | FCLTS | CC Development/Orange Housing Development Agreement | \$ 8,571 | \$ - | \$ - | \$ 8,571 |
| FUND TOTAL | | | | | \$ 8,571 | \$ - | \$ - | \$ 8,571 |
| RDA SUCCESSOR AGENCY FUND | | | | | | | | |
| * | 417 | 65810 | FCLTS | Skypark OPA | \$ 5,235 | \$ 50,000 | \$ 51,000 | \$ 106,235 |
| | 417 | 67580 | FCLTS | Villa de Corona Apartments-Housing Authority Pledge | 200,000 | - | - | 200,000 |
| * | 417 | 68530 | FCLTS | Temescal Canyon/ Dos Lagos Owner Participation Agreement | 25,984 | 971,945 | 977,327 | 1,975,256 |
| * | 417 | 68630 | FCLTS | Corona N Main Development Owner Participation Agreement | 47,656 | 500,000 | 374,762 | 922,418 |
| * | 417 | 68700 | FCLTS | Casa de la Villa | - | 450,000 | 450,000 | 900,000 |
| | 417 | 75710 | FCLTS | Corona Pointe Owner Participation Agreement | - | - | - | - |
| FUND TOTAL | | | | | \$ 278,875 | \$ 1,971,945 | \$ 1,853,089 | \$ 4,103,909 |
| COMMUNITY DEVELOPMENT BLOCK GRANT, or CDBG FUND | | | | | | | | |
| * | 431 | 63469 | FCLTS | Code Enforcement | \$ - | \$ 100,000 | \$ - | \$ 100,000 |
| * | 431 | 63479 | FCLTS | Graffiti Removal | - | 12,500 | - | 12,500 |
| * | 431 | 67133 | FCLTS | Residential Rehabilitation Program | 148,787 | 249,523 | - | 398,310 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated</u> | <u>FY 2018-19</u> | <u>FY 2019-20</u> | <u>Total Available</u> | |
|---|--------------------|---------------------|--|---|---------------------|-------------------|------------------------|------------|
| | | | | <u>Carryover</u> | <u>Adopted</u> | <u>Forecast</u> | | |
| 431 | 69627 | FCLTS | Crime Prevention/ Community Outreach | - | - | - | - | |
| 431 | 69687 | STRTS | FY 2016-17 CDBG Sidewalk Improvements | 24,074 | - | - | 24,074 | |
| 431 | 70156 | FCLTS | City Unified Camera Project, Phase II | 92,700 | - | - | 92,700 | |
| * | 431 | 71689 | FCLTS | Habitat for Humanity - A Brush With Kindness | - | 10,000 | - | 10,000 |
| * | 431 | 72649 | FCLTS | Corona-Norco YMCA - Childcare Enriched with Fine Arts Education | - | 22,000 | - | 22,000 |
| * | 431 | 72679 | FCLTS | Corona-Norco United Way - Children and Youth Services | - | 22,000 | - | 22,000 |
| * | 431 | 72699 | FCLTS | Corona-Norco United Way - Children's Wellness Program | - | 22,000 | - | 22,000 |
| * | 431 | 72799 | FCLTS | Big Brothers Big Sisters - Preventing Violence Against Girls | - | 22,000 | - | 22,000 |
| * | 431 | 72839 | FCLTS | Council on Aging Southern California - Ombudsman Program | - | 15,000 | - | 15,000 |
| * | 431 | 72849 | FCLTS | Inspire Life Skills - Meaningful Engagements | - | 25,000 | - | 25,000 |
| * | 431 | 72859 | FCLTS | Peppermint Ridge - Activity Center | - | 22,000 | - | 22,000 |
| * | 431 | 72879 | FCLTS | Riverside County Fair Housing | - | 18,000 | - | 18,000 |
| * | 431 | 72889 | FCLTS | Public Facilities and Infrastructure | - | 600,000 | - | 600,000 |
| * | 431 | 89489 | FCLTS | Corona Business Assistance Program | - | 20,000 | - | 20,000 |
| FUND TOTAL | | | | \$ 265,561 | \$ 1,160,023 | \$ - | \$ 1,425,584 | |
| HOME INVESTMENT PARTNERSHIP PROGRAM FUND | | | | | | | | |
| * | 432 | 67133 | FCLTS | Residential Rehabilitation Program | \$ - | \$ 354,712 | \$ - | \$ 354,712 |
| * | 432 | 72869 | FCLTS | Community Housing Development Organization | - | 70,943 | - | 70,943 |
| FUND TOTAL | | | | \$ - | \$ 425,655 | \$ - | \$ 425,655 | |
| WATER RECLAMATION CAPACITY FUND | | | | | | | | |
| 440 | 71030 | FCLTS | Geographic Information System, or GIS, Master Plan | \$ 1,550 | \$ - | \$ - | \$ 1,550 | |
| FUND TOTAL | | | | \$ 1,550 | \$ - | \$ - | \$ 1,550 | |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> |
|--|--------------------|---------------------|--|------------------------------------|---------------------------|----------------------------|------------------------|
| LMD 84-1 STREET LIGHTS | | | | | | | |
| 446 | 70940 | STRTS | Miscellaneous Repair and Replacement of Traffic Signals | \$ 7,376 | \$ - | \$ - | 7,376 |
| 446 | 72430 | STRTS | LED Safety/Street Light Retrofit | 576,539 | - | - | 576,539 |
| FUND TOTAL | | | | \$ 583,915 | \$ - | \$ - | \$ 583,915 |
| 2012 WATER REVENUE BOND PROJECT FUND | | | | | | | |
| 453 | 65890 | WATER | Mangular Blending Facility | \$ 6,162,643 | \$ - | \$ - | 6,162,643 |
| FUND TOTAL | | | | \$ 6,162,643 | \$ - | \$ - | \$ 6,162,643 |
| 2013 WASTEWATER REVENUE BOND PROJECT FUND | | | | | | | |
| * | 454 | 60140 | WRCLM Water Reclamation Facility #1B Energy Efficiency Upgrades | \$ 636,200 | \$ 222,698 | \$ - | 858,898 |
| | 454 | 62610 | WRCLM Water Reclamation Facility #1 Centrifuge | 626,523 | - | - | 626,523 |
| | 454 | 68310 | WRCLM Water Reclamation Facility #1 Biosolids Processing Upgrade | 764,075 | - | - | 764,075 |
| FUND TOTAL | | | | \$ 2,026,798 | \$ 222,698 | \$ - | \$ 2,249,496 |
| LMD 84-2 LANDSCAPE ZONE 7 FUND | | | | | | | |
| 458 | 70460 | PARKS | Landscape Retrofit Project | \$ 177,025 | \$ - | \$ - | 177,025 |
| FUND TOTAL | | | | \$ 177,025 | \$ - | \$ - | \$ 177,025 |
| LMD 84-2 LANDSCAPE ZONE 10 FUND | | | | | | | |
| 460 | 70440 | PARKS | Landscape Retrofit/Slope Study - LMD 84-2, Zone 10 | \$ 989,810 | \$ - | \$ - | 989,810 |
| 460 | 71620 | PARKS | LMD 84-2 Zone 10 Slope Improvement/Stabilization Project | 911,074 | - | - | 911,074 |
| FUND TOTAL | | | | \$ 1,900,884 | \$ - | \$ - | \$ 1,900,884 |
| LMD 84-2 LANDSCAPE ZONE 14 FUND | | | | | | | |
| 461 | 70460 | PARKS | Landscape Retrofit Project | \$ 536,418 | \$ - | \$ - | 536,418 |
| FUND TOTAL | | | | \$ 536,418 | \$ - | \$ - | \$ 536,418 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> | |
|--|--------------------|---------------------|--|---|---------------------------|----------------------------|------------------------|-----------|
| LMF 84-2 LANDSCAPE ZONE 15 FUND | | | | | | | | |
| 462 | 70460 | PARKS | Landscape Retrofit Project | \$ 9,662 | \$ - | \$ - | \$ 9,662 | |
| FUND TOTAL | | | | \$ 9,662 | \$ - | \$ - | \$ 9,662 | |
| TUMF - RCTC FUND | | | | | | | | |
| 478 | 86040 | STRTS | Foothill Parkway Westerly Extension | \$ 5,410,342 | \$ - | \$ - | \$ 5,410,342 | |
| FUND TOTAL | | | | \$ 5,410,342 | \$ - | \$ - | \$ 5,410,342 | |
| TUMF - WRCOG FUND | | | | | | | | |
| 479 | 69370 | STRTS | McKinley Grade Separation | \$ 1,458,185 | \$ - | \$ - | \$ 1,458,185 | |
| 479 | 71150 | STRTS | Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation | 187,736 | - | - | 187,736 | |
| FUND TOTAL | | | | \$ 1,645,922 | \$ - | \$ - | \$ 1,645,922 | |
| REIMBURSEMENT GRANTS FUND | | | | | | | | |
| 480 | 70111 | FCLTS | Public Safety Enterprise Communication (PSEC) Radio Interoperability | \$ 5,280 | \$ - | \$ - | \$ 5,280 | |
| 480 | 70112 | FCLTS | FY17 HSGP PSEC Base Radios | 86,500 | - | - | 86,500 | |
| 480 | 71540 | PARKS | Bicycle Infrastructure | 37,794 | - | - | 37,794 | |
| 480 | 71990 | FCLTS | Household Hazardous Waste Facility | 250,000 | - | - | 250,000 | |
| FUND TOTAL | | | | \$ 379,575 | \$ - | \$ - | \$ 379,575 | |
| WATER CAPACITY FUND | | | | | | | | |
| 507 | 60150 | WATER | Cota Groundwater Injection System and Treatment Facility | \$ 213,000 | \$ - | \$ - | \$ 213,000 | |
| 507 | 68420 | WATER | Home Gardens Water District Well Collection Project | 1,848,871 | - | - | 1,848,871 | |
| 507 | 68510 | WATER | Home Gardens Ion Exchange Resin Treatment Plant | 259,290 | - | - | 259,290 | |
| * | 507 | 69070 | WATER | Coldwater / Mayhew Canyon Recharge Basins | 481,502 | - | 1,150,000 | 1,631,502 |
| * | 507 | 69770 | WATER | Skyline Water Storage & Pump Station | - | 100,000 | 750,000 | 850,000 |
| 507 | 70330 | WATER | Home Gardens Well 33 | 1,609,354 | - | - | 1,609,354 | |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | Estimated | FY 2018-19 | FY 2019-20 | <u>Total Available</u> |
|------------------------------------|--------------------|---------------------|--|--------------------------|-------------------|---------------------|------------------------|
| | | | | <u>Carryover Funding</u> | <u>Adopted</u> | <u>Forecast</u> | |
| 507 | 72060 | WATER | Home Gardens Well 32 | 564,059 | - | - | 564,059 |
| 507 | 72390 | WRCLM | Bedford Canyon Road Waterline | 294,793 | - | - | 294,793 |
| 507 | 72400 | WATER | Sierra Bella Booster Station | 53,215 | - | - | 53,215 |
| FUND TOTAL | | | | \$ 5,324,084 | \$ 100,000 | \$ 1,900,000 | \$ 7,324,084 |
| RECLAIMED WATER SYSTEM FUND | | | | | | | |
| 567 | 68390 | WATER | Corona Airport Waterline | \$ 25,000 | \$ - | \$ - | \$ 25,000 |
| * | 567 | 69710 | WATER Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline | 83,371 | - | 997,860 | 1,081,231 |
| 567 | 69820 | WATER | SCADA Panel Replacement | 42,410 | - | - | 42,410 |
| 567 | 70370 | WATER | Old Temescal Road Reclaimed Waterline | 69,117 | - | - | 69,117 |
| 567 | 70390 | WATER | SCADA Backbone Licensed Radio Installation | 4,320 | - | - | 4,320 |
| 567 | 71500 | WATER | Lincoln Avenue Reclaimed Waterline | 101,982 | - | - | 101,982 |
| 567 | 72460 | WRCLM | Santa Ana River Trail Sewer Extension | 21,000 | - | - | 21,000 |
| * | 567 | 72720 | WATER Alcoa Reclaimed Water Effluent Relocation and Pipe Removal | - | 600,000 | - | 600,000 |
| * | 567 | 72740 | WATER Border Booster Station Pump Replacement | - | 200,000 | - | 200,000 |
| * | 567 | 72750 | WATER Business Process Management | - | 8,250 | - | 8,250 |
| * | 567 | 72760 | WATER Western Riverside County Regional Waste Water Authority (WRCRWA) Flow Control Improvements | - | 150,000 | 1,050,000 | 1,200,000 |
| 567 | 72820 | FCLTS | Grape Hill Telecommunications Tower No. 2 | 21,952 | - | - | 21,952 |
| * | 567 | NEW | WATER Adjacent Irrigation Conversion | - | - | 133,800 | 133,800 |
| * | 567 | NEW | WATER Irrigation Monitoring System | - | - | 50,000 | 50,000 |
| * | 567 | NEW | WATER Rimpau California Pipeline | - | - | 1,000,000 | 1,000,000 |
| FUND TOTAL | | | | \$ 369,153 | \$ 958,250 | \$ 3,231,660 | \$ 4,559,063 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> | |
|---------------------------|--------------------|---------------------|--------------------|--|---------------------------|----------------------------|------------------------|--------------|
| WATER UTILITY FUND | | | | | | | | |
| | 570 | 62840 | WATER | SR-91 DWP Facility Relocations | \$ 1,521,622 | \$ - | \$ - | \$ 1,521,622 |
| * | 570 | 65310 | WATER | Emergency Generators | 660,241 | - | 500,000 | 1,160,241 |
| * | 570 | 65630 | WATER | Temescal Valley Water District Service Boundary Adjustment | - | - | 1,000,000 | 1,000,000 |
| * | 570 | 65890 | WATER | Mangular Blending Facility | - | 4,632,504 | - | 4,632,504 |
| * | 570 | 66080 | WATER | SW Quadrant Waterline Replacement - Phase I | 114,416 | - | 3,000,000 | 3,114,416 |
| | 570 | 66110 | WATER | SE Quadrant Waterline Replacement | 65,877 | - | - | 65,877 |
| | 570 | 66450 | WATER | R-3 Water Storage Tank | 47,984 | - | - | 47,984 |
| * | 570 | 68180 | WATER | Lester Post Disinfection Station | - | - | 280,000 | 280,000 |
| * | 570 | 68260 | WATER | Well 14A | - | - | 400,000 | 400,000 |
| * | 570 | 68270 | WATER | Well 15 Relocation | 777,336 | - | 2,206,705 | 2,984,041 |
| | 570 | 68280 | WATER | Repipe Well 22 | 7,903 | - | - | 7,903 |
| | 570 | 68390 | WATER | Corona Airport Waterline | 711,972 | - | - | 711,972 |
| | 570 | 68510 | WATER | Project & Well Design | 79,034 | - | - | 79,034 |
| * | 570 | 68520 | WATER | Keith Water Storage Tank | 6,892,297 | 200,000 | - | 7,092,297 |
| | 570 | 68570 | WATER | Hidden Springs Road Waterline | 17,165 | - | - | 17,165 |
| | 570 | 68660 | WATER | Enterprise Asset Management (EAM) Program | 370,384 | - | - | 370,384 |
| | 570 | 68680 | WATER | Well Rehabilitation - Well 19 | 283,943 | - | - | 283,943 |
| | 570 | 69120 | FCLTS | City Unified Camera Project | 10,042 | - | - | 10,042 |
| * | 570 | 69720 | WATER | Arcadia/Minnesota Waterline Replacement | 155,838 | 535,500 | - | 691,338 |
| | 570 | 69750 | WATER | SDO TP - CO2 Injection System | 66,270 | - | - | 66,270 |
| | 570 | 69810 | WATER | West End Wellfield Pipeline | 152,704 | - | - | 152,704 |
| * | 570 | 69820 | WATER | SCADA Panel Replacement | 248,249 | 200,000 | - | 448,249 |
| | 570 | 69980 | WATER | Residential Turf Removal Rebate Project | 1,021,687 | - | - | 1,021,687 |
| | 570 | 70150 | FCLTS | City Unified Camera Project, Phase II | 91,179 | - | - | 91,179 |
| | 570 | 70380 | WATER | Rincon Bridge | 15,613 | - | - | 15,613 |
| | 570 | 70390 | WATER | SCADA Backbone Licensed Radio Installation | 79,198 | - | - | 79,198 |
| | 570 | 71560 | WATER | Downtown Sixth Street Waterline Replacement | 169,185 | - | - | 169,185 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| Fund | Project No. | Program Name | Description | Estimated | FY 2018-19 | FY 2019-20 | Total Available |
|-------------------|-------------|--------------|--|----------------------|---------------------|----------------------|----------------------|
| | | | | Carryover Funding | Adopted | Forecast | |
| 570 | 71610 | WATER | City Park Basketball and Volleyball Court Relocation | 200,648 | - | - | 200,648 |
| * | 570 | 71870 | WATER Meter Replacement | 733,182 | 156,000 | 900,000 | 1,789,182 |
| * | 570 | 71890 | WATER Water Systems Improvement Project | 131,947 | 10,000 | - | 141,947 |
| * | 570 | 71930 | WATER Waterline Infrastructure | 293,493 | 960,000 | - | 1,253,493 |
| | 570 | 71990 | FCLTS Household Hazardous Waste Facility | 225,881 | - | - | 225,881 |
| | 570 | 72040 | WATER SR 91/71 Interchange Waterline | 16,469 | - | - | 16,469 |
| * | 570 | 72050 | WATER Alcoa Dike Potable Water Non-Compliance | - | 50,000 | - | 50,000 |
| * | 570 | 72310 | WATER Development Meters | 263,187 | 131,250 | 506,974 | 901,411 |
| | 570 | 72320 | WATER Sixth Street Waterline Replacement - Grand to Rimpau | 870,764 | - | - | 870,764 |
| | 570 | 72420 | WRCLM WRF #1 Communications Tower | 99,200 | - | - | 99,200 |
| * | 570 | 72440 | WATER Sixth & Yorba Street Waterline Replacement | 245,268 | 1,000,000 | - | 1,245,268 |
| | 570 | 72470 | WATER R-3 Potable Tank Pavement Repair | 75,000 | - | - | 75,000 |
| | 570 | 72490 | WATER Hayden and Howe Street Waterline Replacement | 325,000 | - | - | 325,000 |
| * | 570 | 72750 | WATER Business Process Management | - | 151,250 | - | 151,250 |
| * | 570 | 72780 | WATER 1220 - Zone Booster Pump Station | - | 500,000 | 4,000,000 | 4,500,000 |
| * | 570 | 72800 | WATER SDO Treatment Plant Landscape Repair | - | 70,000 | - | 70,000 |
| | 570 | 72820 | FCLTS Grape Hill Telecommunications Tower No. 2 | 80,781 | - | - | 80,781 |
| | 570 | 86040 | STRTS Foothill Parkway Westerly Extension | 40,398 | - | - | 40,398 |
| FUND TOTAL | | | | \$ 17,161,358 | \$ 8,596,504 | \$ 12,793,679 | \$ 38,551,541 |

WATER UTILITY GRANT/AGREEMENT FUND

| | | | | | | | |
|---|-----|-------|--|-----------|------|------------|------------|
| * | 571 | 69710 | WATER Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline | \$ 36,879 | \$ - | \$ 798,461 | \$ 835,340 |
| * | 571 | 69711 | WATER Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline | 25,648 | - | 1,397,522 | 1,423,170 |
| | 571 | 70370 | WATER Old Temescal Road Reclaimed Waterline | 23,118 | - | - | 23,118 |
| | 571 | 71500 | WATER Lincoln Avenue Reclaimed Waterline | 34,119 | - | - | 34,119 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| Fund | Project No. | Program Name | Description | Estimated | FY 2018-19 | FY 2019-20 | Total Available |
|-------------------|-------------|--------------|---|-------------------|-------------|---------------------|---------------------|
| | | | | Carryover Funding | Adopted | Forecast | |
| 571 | 71860 | WATER | River Road Reclaimed Waterline - Corydon to Lincoln | 50,000 | - | - | 50,000 |
| 571 | 72040 | WATER | SR 91/71 Interchange Waterline | 1,522 | - | - | 1,522 |
| FUND TOTAL | | | | \$ 171,287 | \$ - | \$ 2,195,983 | \$ 2,367,270 |

WATER RECLAMATION UTILITY FUND

| | | | | | | | | |
|-----|-------|-------|---|--|-----------|---------|------------|-----------|
| 572 | 60140 | WRCLM | Water Reclamation Facility #1B Energy Efficiency Upgrades | \$ 474,728 | \$ - | \$ - | \$ 474,728 | |
| 572 | 62610 | WRCLM | Water Reclamation Facility #1 Centrifuge | 459,125 | - | - | 459,125 | |
| 572 | 63060 | STRTS | Foothill Parkway Easterly Improvements | 203,545 | - | - | 203,545 | |
| 572 | 68310 | WRCLM | Water Reclamation Facility #1 Biosolids Processing Upgrade | 517,930 | - | - | 517,930 | |
| * | 572 | 68400 | WRCLM | Research/Railroad Waterline Replacement | - | 50,000 | 500,000 | 550,000 |
| 572 | 68660 | WATER | Enterprise Asset Management (EAM) Program | 552,859 | - | - | 552,859 | |
| * | 572 | 68710 | WRCLM | Sierra Del Oro Lift Station and Pipelines | 260,775 | - | 500,000 | 760,775 |
| 572 | 68730 | WRCLM | Water Reclamation Facility #1 Improvements - Canopies, Digester Gas Piping, Analyzer Control Building | 379,269 | - | - | 379,269 | |
| 572 | 69120 | FCLTS | City Unified Camera Project | 10,042 | - | - | 10,042 | |
| * | 572 | 69820 | WATER | SCADA Panel Replacement | 62,884 | 100,000 | - | 162,884 |
| 572 | 69830 | WRCLM | Water Reclamation Facilities (WRF) Lighting Upgrades | 82,501 | - | - | 82,501 | |
| 572 | 69840 | WRCLM | Water Reclamation Facility #1 Secondary Clarifier | 171,823 | - | - | 171,823 | |
| 572 | 69860 | WRCLM | California Avenue Sewer Improvement | 7,403,653 | - | - | 7,403,653 | |
| * | 572 | 69870 | WRCLM | Water Reclamation Facility #3 Decommissioning - Force Main | 1,877,219 | 700,000 | - | 2,577,219 |
| * | 572 | 69880 | WRCLM | Water Reclamation Facility #3 Decommissioning - Lift Station | 4,306,477 | 325,000 | - | 4,631,477 |
| 572 | 70150 | FCLTS | City Unified Camera Project, Phase II | 113,375 | - | - | 113,375 | |
| 572 | 70380 | WATER | Rincon Bridge | 606,120 | - | - | 606,120 | |
| 572 | 70390 | WATER | SCADA Backbone Licensed Radio Installation | 79,555 | - | - | 79,555 | |
| 572 | 71580 | WRCLM | Arantine Hills - Force Main | 3,620,123 | - | - | 3,620,123 | |
| 572 | 71590 | WRCLM | Arantine Hills Sewer Lift Station | 2,741,070 | - | - | 2,741,070 | |
| * | 572 | 71950 | WRCLM | Sewer Line Infrastructure | 386,712 | 200,000 | - | 586,712 |
| * | 572 | 72020 | WRCLM | Wardlow Road Sewer Relocation Project | 949,016 | 60,000 | - | 1,009,016 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN
Schedule of Estimated Carryover and New Funding, by Fund

| <u>Fund</u> | <u>Project No.</u> | <u>Program Name</u> | <u>Description</u> | <u>Estimated Carryover Funding</u> | <u>FY 2018-19 Adopted</u> | <u>FY 2019-20 Forecast</u> | <u>Total Available</u> |
|---|--------------------|---------------------|--|------------------------------------|---------------------------|----------------------------|------------------------|
| 572 | 72420 | WRCLM | WRF #1 Communication Tower | 100,000 | - | - | 100,000 |
| * 572 | 72750 | WATER | Business Process Management | - | 85,250 | - | 85,250 |
| 572 | 72820 | FCLTS | Grape Hill Telecommunications Tower No. 2 | 80,781 | - | - | 80,781 |
| FUND TOTAL | | | | \$ 25,439,579 | \$ 1,520,250 | \$ 1,000,000 | \$ 27,959,829 |
| WATER RECLAMATION UTILITY GRANT/AGREEMENT FUND | | | | | | | |
| 573 | 72460 | WRCLM | Santa Ana River Trail Sewer Extension | \$ 316,250 | \$ - | \$ - | \$ 316,250 |
| FUND TOTAL | | | | \$ 316,250 | \$ - | \$ - | \$ 316,250 |
| TRANSIT SERVICES FUND | | | | | | | |
| 577 | 62640 | FCLTS | Procurement of Public Transit Vehicles | \$ 10,119 | \$ - | \$ - | \$ 10,119 |
| 577 | 62641 | FCLTS | Procurement of Public Transit Vehicles | 533 | - | - | 533 |
| 577 | 62642 | FCLTS | Procurement of Public Transit Vehicles | 3,626 | - | - | 3,626 |
| FUND TOTAL | | | | \$ 14,278 | \$ - | \$ - | \$ 14,278 |
| ELECTRIC UTILITY FUND | | | | | | | |
| 578 | 65750 | ELECT | Pad Mounted Enclosure (PME) Switches Upgrade | \$ 249,281 | \$ - | \$ - | \$ 249,281 |
| 578 | 68660 | WATER | Enterprise Asset Management (EAM) Program | 168,485 | - | - | 168,485 |
| 578 | 68750 | ELECT | SCADA | 152,762 | - | - | 152,762 |
| 578 | 69090 | ELECT | Distribution Circuit Installation | 450,000 | - | - | 450,000 |
| 578 | 69600 | ELECT | Electric Vehicle (EV) Charging Stations | 10,430 | - | - | 10,430 |
| 578 | 69960 | ELECT | Plug In Vehicle (PEV) Readiness Plan | 251,481 | - | - | 251,481 |
| 578 | 70380 | WATER | Rincon Bridge | 16,041 | - | - | 16,041 |
| 578 | 72310 | WATER | Development Meters | 58,000 | - | - | 58,000 |
| * 578 | 72750 | WATER | Business Process Management | - | 30,250 | - | 30,250 |
| * 578 | 72810 | ELECT | Wholesale Distribution Access Tariff ("WDAT") 1512 | - | 150,000 | - | 150,000 |
| FUND TOTAL | | | | \$ 1,356,480 | \$ 180,250 | \$ - | \$ 1,536,730 |

* Indicates New Project or Funding

CAPITAL IMPROVEMENT PLAN

Schedule of Estimated Carryover and New Funding, by Fund

| Project | | Program | Description | Estimated | FY 2018-19 | FY 2019-20 | Total Available |
|--|-------|---------|---------------------------------------|-----------------------|----------------------|----------------------|-----------------------|
| Fund | No. | Name | | Carryover | Adopted | Forecast | |
| | | | | Funding | | | |
| ELECTRIC UTILITY GRANT/AGREEMENT FUND | | | | | | | |
| 579 | 69601 | ELECT | EV Charging Stations - CEC | \$ 116,406 | \$ - | \$ - | \$ 116,406 |
| 579 | 69602 | ELECT | EV Charging Stations - MSCR | 42,676 | - | - | 42,676 |
| FUND TOTAL | | | | \$ 159,082 | \$ - | \$ - | \$ 159,082 |
| FLEET OPERATIONS FUND | | | | | | | |
| 682 | 68340 | FCLTS | Vehicle Replacement | \$ 202,851 | \$ - | \$ - | \$ 202,851 |
| 682 | 68380 | FCLTS | Public Access Compressed Natural Gas | 17,718 | - | - | 17,718 |
| 682 | 70150 | FCLTS | City Unified Camera Project, Phase II | 25,502 | - | - | 25,502 |
| FUND TOTAL | | | | \$ 246,071 | \$ - | \$ - | \$ 246,071 |
| CAPITAL PROJECTS - TOTAL OF CONTINUING APPROPRIATIONS AND NEW FUNDING | | | | \$ 170,783,995 | \$ 34,396,313 | \$ 35,997,900 | \$ 241,178,208 |

* Indicates New Project or Funding

Program Name: Electric

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|--------------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: Electric Distribution Upgrades | | | | | | | | | | | | |
| <u>Pad Mounted Enclosure (PME) Switches Upgrade</u> Upgrade approximately 10 PME switches. | ELECU | 578 | 65750 | 75,719 | 249,281 | - | - | - | - | - | - | 325,000 |
| <u>Distribution Circuit Installation</u> Back up feed cable. | ELECU | 578 | 69090 | - | 450,000 | - | - | - | - | - | - | 450,000 |
| <u>Wholesale Distribution Access Tariff ("WDAT") 1512</u> Construction of a City of Corona to Edison interconnect facility located at the intersection of Rincon and Lincoln. | ELECU | 578 | 72810 | - | - | 150,000 | - | - | - | - | - | 150,000 |
| Electric Distribution Upgrades Total | | | | \$ 75,719 | \$ 699,281 | \$ 150,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 925,000 |
| Program Category: General Safety, Maintenance and Other Improvements | | | | | | | | | | | | |
| <u>SCADA</u> New system for Electric System monitoring. | ELECU | 578 | 68750 | 406,233 | 152,762 | - | - | - | - | - | - | 558,995 |
| <u>Electric Vehicle (EV) Charging Stations</u> Install electric vehicle charging stations at Dos Lagos, Crossings and the Business Park in South Corona. | ELECU | 578 | 69600 | 38,938 | 10,430 | - | - | - | - | - | - | 49,368 |
| | ELECG | 579 | 69601 | 209,226 | 116,406 | - | - | - | - | - | - | 325,632 |
| | ELECG | 579 | 69602 | 82,324 | 42,676 | - | - | - | - | - | - | 125,000 |
| <u>Plug In Vehicle (PEV) Readiness Plan</u> Grant funding from the California Energy Commission's (CEC) Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) to assist with the installation of charging stations. | ELECU | 578 | 69960 | 23,597 | 251,481 | - | - | - | - | - | - | 275,078 |
| | ELECG | 579 | 69960 | 36 | - | - | - | - | - | - | - | 36 |
| General Safety, Maintenance and Other Improvements Total | | | | \$ 760,354 | \$ 573,754 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,334,109 |
| ELECTRIC TOTAL | | | | \$ 836,073 | \$ 1,273,035 | \$ 150,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,259,109 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: City Facility Improvements and Upgrades | | | | | | | | | | | |
| City Hall Facilities - Capital Improvements | GEN FD | 110 | 61490 | 139,748 | 105,395 | - | - | - | - | - | 245,144 |
| Maintenance to City Hall facility Cooling Tower, Media Replacement, Parking Lot Restriping, and HVAC control systems. | CITY FAC | 689 | 61490 | 263,648 | - | - | - | - | - | - | 263,648 |
| Lighting Improvements - Library | GEN FD | 110 | 61540 | 30,000 | - | 29,000 | 24,000 | 24,000 | - | 80,000 | 187,000 |
| Retrofit and update lighting with energy efficient fixtures improving safety and illumination. Areas to be improved include book stacks area, community rooms, staff areas, parking structure, and the upstairs gallery. Fixtures to be replaced include ballast lighting, sconces, and spotlights. | CITY FAC | 689 | 61540 | 30,944 | - | - | - | - | - | - | 30,944 |
| Civic Center Gymnasium | PBMTF | 215 | 61690 | 40,397 | - | - | - | - | - | 570,000 | 610,397 |
| Replace 2nd floor windows and install new HVAC system. | | | | | | | | | | | |
| City Fire Stations Capital Improvements | GEN FD | 110 | 62400 | 337,573 | 11,290 | 181,900 | 249,000 | 33,600 | 312,000 | - | 1,125,363 |
| Fire Stations repairs and preventative care. Fire Stations 1,6 and 7 interior and exterior painting. Fire Station 1 roof replacement and security fencing. Fire Station 1, 2, 3 and 5 HVAC Industrial grade water heater replacement. Fire Station 2 Battalion Chief living quarter remodel. Fire Station 2, 4, 5 and 6 ice machine relocation. | CITY FAC | 689 | 62400 | 148,269 | - | - | - | - | - | - | 148,269 |
| Library Facilities Capital Improvements | GEN FD | 110 | 62950 | 39,525 | 164,217 | 88,000 | - | - | - | - | 291,742 |
| Facility improvements, replacements and major rehabilitation. Includes HVAC replacement, replace exterior lighting, replace 10 skylights per year. Replace carpet: Phase I, Public areas 1st floor, 21,000 sq ft. | CITY FAC | 689 | 62950 | 63,114 | - | - | - | - | - | - | 63,114 |
| Circle City Center | GEN FD | 110 | 63160 | 2,860,783 | - | - | - | - | - | - | 2,860,783 |
| ADA improvements to include installing a new electric front door and upgrade handrails at the stairwells to be ADA compliant. | PBMTF | 215 | 63160 | 231,376 | - | - | - | - | - | - | 231,376 |
| | CIVICCTR | 232 | 63160 | 3,002,372 | 6,329 | - | - | - | - | - | 3,008,701 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|---|---------------------------------|---|---|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------|---|
| Fire Facilities Expansion/Planning Increase capacity of facilities to accommodate redeployment of equipment and apparatus. Includes architecture and engineering services and construction. Project includes planning necessary due to development impacts. | FIRE FAC | 214 | 64110 | 246,613 | 48,979 | - | - | - | - | - | - | 295,592 |
| Animal Shelter Relocation Repurpose the existing Public Works Facility at 1330 Magnolia Avenue into the new Animal Services and Enforcement Facility. Phase I is complete and the grand opening was celebrated Sept. 12, 2015. Phase II was approved by the City Council on Jan. 20, 2016. Phase II will complete (drop ceiling/drywall/ HVAC/ etc.) the back area of the facility where the animals are first evaluated and the employee locker area is located. Additional work will seal the kennel area concrete and address fencing issues. | GEN FD CORP YE | 110 477 | 67060 67060 | 2,301,655 851,757 | 34,643 - | - - | - - | - - | - - | - - | - - | 2,336,298 851,757 |
| Public Access Compressed Natural Gas Expand the CNG storage and dispensing capabilities of the CNG fueling station located at 430 N. Cota Avenue. | TRIP REDC PW CAP (AFIP) PW CAP (CEC) TRANSIT FLT OPER | 224 243 243 577 682 | 68381 68380 68381 68381 68380 | 57,812 225,000 200,000 57,812 60,992 | - - - - 17,718 | - - - - - | - - - - - | - - - - - | - - - - - | - - - - - | - - - - - | 57,812 225,000 200,000 57,812 78,710 |
| Citywide ADA Improvements ADA improvements: Replace front door at Animal Shelter with automatic doors, ADA sidewalk ramps at intersections \$500k annually for 20 years with 2% annual CPI increase. ADA Walkway at Jameson Park. | GEN FD FIRE FAC PBMTF PKSOS CITY FAC | 110 214 215 217 689 | 68690 68690 68690 68690 68690 | 388,622 50,946 154,079 784,830 27,506 | 507,558 - - 225,000 - | 1,000,000 - - - - | 1,000,000 - - - - | 1,000,000 - - - - | 1,000,000 - - - - | 1,000,000 - - - - | - - - - - | 5,896,180 50,946 154,079 1,009,830 27,506 |
| Corporation Yard Facility Capital Improvements 730 PD Bldg.: Roof upgrades, change out wet media on cooling tower, install AC unit for dispatch, remote monitoring of PD generator & fuel tank. 710-770 Bldgs.: change wall pack lights to LED. | GEN FD CITY FAC | 110 689 | 68920 68920 | 103,314 281 | 13,507 - | - - | - - | - - | - - | - - | - - | 116,822 281 |
| Airport Facilities Capital Improvements Improvements to the Airport include restriping, prefabricated building, asphalt rehab, and improvements to tie-downs and lights. | AIRPT | 275 | 69890 | 67,956 | 192,544 | - | - | - | - | - | - | 260,500 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Historic Civic Center Facility Capital Improvements | GEN FD | 110 | 70140 | - | - | - | 250,000 | - | - | - | - | 250,000 |
| Replace stage lights with LED lights. Install two new AC units. This is a health and safety priority since it involves closing the gym during high heat. This is disruptive to activities in the gym and can pose a safety concern for participants susceptible to heat related illness. | CIVICCTR | 232 | 70140 | 48,048 | 1,952 | 22,000 | - | - | - | - | - | 72,000 |
| Armory Renovations Project | GEN FD | 110 | 71600 | - | 100,000 | - | - | - | - | - | - | 100,000 |
| Assessment and evaluation of the existing armory facility. Project includes preparation of site plans for the area as well as a structural analysis to determine if renovations are possible. | PBMTF | 215 | 71600 | 8,704 | 61,296 | - | - | - | - | - | - | 70,000 |
| Vicentia Activity Center | PBMTF | 215 | 71640 | 7,691 | 12,309 | 20,000 | - | - | - | - | 105,000 | 145,000 |
| Interior ADA improvements to the building. | | | | | | | | | | | | |
| City Hall Security Improvements | GEN FD | 110 | 71650 | - | 275,000 | 500,000 | - | - | - | - | - | 775,000 |
| City Hall security improvements as related to active shooter incident or threats against City employees and citizens. | | | | | | | | | | | | |
| Animal Control Facilities Capital Improvements | GEN FD | 110 | 72070 | 44,273 | 1,022 | - | - | - | - | - | - | 45,295 |
| Roof Replacement. | | | | | | | | | | | | |
| Community Center Facilities Capital Improvements | GEN FD | 110 | 72080 | - | 15,000 | 41,200 | 43,500 | - | - | - | - | 99,700 |
| Vicentia Activity Center - install new key pad at vestibule entry door. Senior Center - replace carpet in lobby and offices and VCT tile in media room; restripe parking lot. Circle City Center - replace carpet fronting kitchen with VCT flooring; repaint lobby and banquet room; and install acoustic drop down T-bar ceiling in classroom A. | PKSOS | 217 | 72080 | - | - | - | - | - | - | - | - | - |
| Police Firearm Facility Repairs/Replacement | GEN FD | 110 | 72380 | 2,925 | 202,075 | - | - | - | - | - | - | 205,000 |
| Target system and related equipment repair and replacement. | | | | | | | | | | | | |
| Animal Shelter Playground/Social Yard | GEN FD | 110 | 72410 | 12,554 | 13,635 | - | - | - | - | - | - | 26,189 |
| Design and build a social/play yard for animals being held at the shelter to provide for animal exercise and socialization, and to promote adoptions. | | | | | | | | | | | | |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Police Department Facility Improvements Restriping of secured parking lot; replacement of shade coverings; and other minor police facility improvements. | GEN FD | 110 | 72530 | - | - | 59,300 | 415,300 | - | - | - | - | 474,600 |
| Replacement of Dispatch Furniture Dispatch furniture is approaching its ten year life cycle in 2018. There have been minor parts continuously being replaced within the operational budget, however, recent expenses are approaching \$15-\$20K. Equipment/furniture is used 24/7 in the public safety dispatch unit. The Department spent about \$180K in 2008. | GEN FD | 110 | 72570 | - | - | 250,000 | - | - | - | - | - | 250,000 |
| Stand Alone Air Conditioner for the Dispatch Communications Center A stand alone air conditioner will allow the 24/7 Dispatch Center to have access to an air conditioner, should the main facility air conditioner fails. | GEN FD | 110 | 72580 | - | - | 30,000 | - | - | - | - | - | 30,000 |
| Library Automated Materials Handling System The library will purchase and install an Automated Materials Handling (AMH) machine. The AMH will reduce or eliminate the need for staff to handle and sort items as they are returned to the library. In addition to the improved handling, AMH systems will also automatically identify each item by RFID, check it back in and activate the RFID security – making it shelf ready. As part of the installation of the AMH, the current check-in space will need to be reconfigured. | LIB CF | 206 | 72590 | - | - | 64,000 | 86,000 | - | - | - | - | 150,000 |
| City Hall Carpet Replacement Replace 90,000 sq. ft. of carpeting at City Hall. Cost and project spread out over 3 years. | GEN FD | 110 | | - | - | - | 232,560 | 237,211 | - | - | - | 469,771 |
| City Hall Roof Replace roof at City Hall, 74,000 sq. ft. | GEN FD | 110 | | - | - | - | 2,590,000 | - | - | - | - | 2,590,000 |
| Community Center Generator 400kW backup generator for the Community Center Facility. Cooling Center. | GEN FD | 110 | | - | - | - | - | 425,000 | - | - | - | 425,000 |
| Fire Department Needs Assessment - Facilities Training Facility Paint and Steel Doors. | GEN FD | 110 | | - | - | - | 36,000 | - | - | - | - | 36,000 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|
| Police Locker Room Return Air Duct The Controlled air intake into the Police locker area is controlled by 100% of outside air. It is recommended to resign the system by installing a return air duct into the men's and women's locker area. | GEN FD | 110 | - | - | - | - | - | 75,000 | - | - | 75,000 |
| City Facility Improvements and Upgrades Total | | | | | | | | | | | |
| | | | \$ 12,891,120 | \$ 2,009,469 | \$ 2,256,400 | \$ 4,931,360 | \$ 1,719,811 | \$ 1,411,000 | \$ 1,000,000 | \$ 755,000 | \$ 26,974,161 |

Program Category: City Systems and Controls

| | | | | | | | | | | | |
|--|----------|-----|-------|-----------|---------|---|---------|---|---|---------|-----------|
| Communication Radio Systems Upgrade Purchase and installation of high frequency simulcast radio system. | GEN FD | 110 | 62030 | 107,447 | 131 | - | - | - | - | - | 107,579 |
| City Unified Camera Project Design to combine and add CCTV high definition cameras and supporting infrastructure Citywide so that the Police Department can monitor various location/areas. Phase I will include the 444 existing cameras and new ones to be purchased as needed for City Hall, the Police Station, Temescal PS Facility, Corporation Yard Buildings, Library, Fleet and Warehouse, three cell site towers, Butterfield, Citrus, City, Cresta Verde, Mountain Gate, and Santana Parks. | GEN FD | 110 | 69120 | 1,296,813 | 358,128 | - | - | - | - | - | 1,654,941 |
| | POL FAC | 213 | 69120 | 13,712 | 1,289 | - | - | - | - | - | 15,000 |
| | PKSOS | 217 | 69120 | 100,000 | - | - | - | - | - | - | 100,000 |
| | CALCOPS | 231 | 69120 | 80,000 | - | - | - | - | - | - | 80,000 |
| | WTRUF | 570 | 69120 | 85,874 | 10,042 | - | - | - | - | - | 95,916 |
| | WRUF | 572 | 69120 | 85,874 | 10,042 | - | - | - | - | - | 95,916 |
| Emergency 911 Phone System Replacement of the current emergency 911 phone system, voice recording system, public safety dispatch consoles and the EMD certification software. | GEN FD | 110 | 70100 | 844,520 | 61,910 | - | 600,000 | - | - | 630,000 | 2,136,429 |
| Public Safety Enterprise Communication (PSEC) Radio Interoperability Migrate to the County Public Safety Enterprise Communication (PSEC) radio system to provide additional channels, wider area coverage, improved in-building penetration and countywide interoperability. It will also provide the ability to communicate with other agencies immediately. | GEN FD | 110 | 70110 | 1,150,668 | 239,022 | - | - | - | - | - | 1,389,690 |
| | REIMB GT | 480 | 70110 | 84,500 | - | - | - | - | - | - | 84,500 |
| | REIMB GT | 480 | 70111 | 84,028 | 5,280 | - | - | - | - | - | 89,308 |
| | REIMB GT | 480 | 70112 | - | 86,500 | - | - | - | - | - | 86,500 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| City Unified Camera Project, Phase II | GEN FD | 110 | 70150 | 148,588 | 376,622 | - | - | - | - | - | - | 525,209 |
| Phase II for the closed circuit television (CCTV) high definition cameras and supporting infrastructure | WTRUF | 570 | 70150 | 138,751 | 91,179 | - | - | - | - | - | - | 229,930 |
| Citywide for the Police Department to monitor various locations/areas. Phase II includes new cameras to be purchased as needed for the City Hall parking lot / drop box, 15 Parks, traffic infrastructure and various DWP facilities. | WRUF | 572 | 70150 | 25,502 | 113,375 | - | - | - | - | - | - | 138,877 |
| | FLEET | 682 | 70150 | - | 25,502 | - | - | - | - | - | - | 25,502 |
| | CDBG | 431 | 70156 | 92,281 | 92,700 | - | - | - | - | - | - | 184,981 |
| Geographic Information System (GIS) Master Plan | GEN FD | 110 | 71030 | 20,294 | - | - | - | - | - | - | - | 20,294 |
| Acquisition of hardware and software, data conversion and applications development to expand the existing GIS program for citywide implementation. | GASTX | 222 | 71030 | 64,900 | - | - | - | - | - | - | - | 64,900 |
| | MEASA | 227 | 71030 | 47,065 | - | - | - | - | - | - | - | 47,065 |
| | DDT | 289 | 71030 | 1,298 | - | - | - | - | - | - | - | 1,298 |
| | SUC AG | 417 | 71030 | 2,746 | - | - | - | - | - | - | - | 2,746 |
| | WR CAP | 440 | 71030 | 47,370 | 1,550 | - | - | - | - | - | - | 48,920 |
| | SLMD | 446 | 71030 | 6,562 | - | - | - | - | - | - | - | 6,562 |
| | LMD 84-2 | 448 | 71030 | 6,239 | - | - | - | - | - | - | - | 6,239 |
| | SEWCR | 474 | 71030 | 2,714 | - | - | - | - | - | - | - | 2,714 |
| | WTR CAP | 507 | 71030 | 10,574 | - | - | - | - | - | - | - | 10,574 |
| | RECYC | 567 | 71030 | 3,274 | - | - | - | - | - | - | - | 3,274 |
| | WTRUF | 570 | 71030 | 8,730 | - | - | - | - | - | - | - | 8,730 |
| | WRUF | 572 | 71030 | 15,706 | - | - | - | - | - | - | - | 15,706 |
| | ELECU | 578 | 71030 | 5,188 | - | - | - | - | - | - | - | 5,188 |
| | IT COMM | 634 | 71030 | 71,056 | - | - | - | - | - | - | - | 71,056 |
| Remote Monitoring MDF/IDF Rooms | GEN FD | 110 | 71550 | 135,509 | 40,111 | - | - | - | - | - | - | 175,620 |
| Purchase remote monitoring system for the City's Main Frame (MDF) and Intermediate Distribution Frame (IDF) rooms. The system will monitor temperature, infrared motion/intrusion, humidity, water, smoke, and includes IP-based cameras for rooms that house the City's servers, networking computers, phone and radio equipment. | | | | | | | | | | | | |
| Police Body Worn Cameras | GEN FD | 110 | 71630 | 227,807 | 13,193 | - | 300,000 | - | - | - | 320,000 | 861,000 |
| Purchase of body worn cameras and related equipment, to document incidents that occur within the community. | | | | | | | | | | | | |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Fire Station Alerting Systems | GEN FD | 110 | 71660 | - | 223,000 | - | - | - | - | - | - | 223,000 |
| Implementation of a new modern fire station alerting system allowing crew notification at the time of dispatch to increase efficiency and provide services that meet the Fire Department's response time objectives. Required to meet national standards specified by NFPA 1221. | FIRE FAC | 214 | 71660 | - | 237,000 | - | - | - | - | - | - | 237,000 |
| Police CAD/RMS System | GEN FD | 110 | 71670 | 333,646 | 1,613,354 | - | - | - | - | - | - | 1,947,000 |
| Computer Aided Dispatch (CAD) and Records Management System (RMS) that will interface and integrate records and data for all public safety needs. | | | | | | | | | | | | |
| Timekeeping System | GEN FD | 110 | 72330 | - | 500,000 | - | - | - | - | - | - | 500,000 |
| Purchase and implementation of a system to assist with more accurate timekeeping capabilities. | | | | | | | | | | | | |
| New VHF Radio Simulcast and Backhaul System | GEN FD | 110 | 72520 | - | - | 2,000,000 | - | - | - | - | - | 2,000,000 |
| The City's existing VHF Simulcast Radio system has reached its end of life and needs to be replaced with a new VHF Simulcast system. The VHF system is the communication method for the Fire Department and the backup communication method for the Police Department. The existing equipment has reached its end of life and is becoming no longer serviceable. In its current condition the system will soon reach a point where we are unable to maintain it and keep it online. Maintenance Services has implemented annual Preventive Maintenance screenings and repairs which have increased the longevity of the system but without a replacement in the next 12-18 months the system will continue to deteriorate. | | | | | | | | | | | | |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| <p><u>Replace Microwave Links to Fire Station</u> The City uses microwave radio links to connect the fire stations with City Hall for networking capabilities including internet and City intranet. The existing system is aged and becoming increasingly difficult and expensive to service. The Fire Department is implementing a new tone alerting system for the Fire Stations that will run on this network. In its current condition the network is unreliable and outdated. In order to ensure the fire stations receive prompt and reliable tone alerting to dispatch fire personnel and apparatus to emergencies the City has an immediate need to replace the radio network between the facilities.</p> | GEN FD | 110 | 72540 | - | - | 190,000 | - | - | - | - | - | 190,000 |
| <p><u>Replace Shooting Range Chillers</u> Replace the three shooting range chillers for three air conditioning units.</p> | GEN FD | 110 | 72550 | - | - | 100,000 | - | - | - | - | - | 100,000 |
| <p><u>Replace Technology in Police Training Rooms</u> Upgrade technology for better utilization of the classrooms, update and separate the video and audio systems. Later replace chairs and tables, update kitchen.</p> | GEN FD | 110 | 72560 | - | - | 76,500 | - | - | - | - | 75,000 | 151,500 |
| <p><u>Grape Hill Telecommunications Tower No. 2</u> The existing communications tower has reached a near maximum capacity for radio infrastructure. As the City continues to enhance its radio and wireless communications, there is a need to install a second tower on the property. The new site will be used primarily by the Department of Water and Power (DWP) with some space dedicated for non-DWP radios. DWP has existing radios on the current tower which will be relocated as part of this process, freeing up space on Tower #1. In addition, Riverside County has a need to install more equipment at Grape Hill to improve radio communications to the McKinley area. As such, there is an immediate need to begin design, soil sampling, and the permitting process to get approval for the second tower.</p> | GEN FD | 110 | 72820 | - | 36,000 | - | - | - | - | - | - | 36,000 |
| | RECYC | 567 | 72820 | - | 21,952 | - | - | - | - | - | - | 21,952 |
| | WTRUF | 570 | 72820 | - | 80,781 | - | - | - | - | - | - | 80,781 |
| | WRUF | 572 | 72820 | - | 80,781 | - | - | - | - | - | - | 80,781 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|--------------|------------|------------|------------|------------|--------------|--------------------|
| Energy Efficient Air Condition Control System - Police Facility Computerize the Police facility's air conditioning system for more energy efficient control system. | GEN FD | 110 | - | - | - | - | - | - | - | 80,000 | 80,000 |
| City Systems and Controls Total | | | \$ 5,349,232 | \$ 4,319,443 | \$ 2,366,500 | \$ 900,000 | \$ - | \$ - | \$ - | 1,105,000 | \$ 14,040,176 |

Program Category: Community Assets and Programmatic Projects

| | | | | | | | | | | | |
|---|----------|-----|-------|---------|---------|---------|---|---|---|---|---------|
| Procurement of Public Transit Vehicles Procurement of public transit vehicles. | DIALR | 577 | 62640 | 789,122 | 10,119 | - | - | - | - | - | 799,241 |
| | DIALR | 577 | 62641 | 76,409 | 533 | - | - | - | - | - | 76,942 |
| | DIALR | 577 | 62642 | 985,495 | 3,626 | - | - | - | - | - | 989,122 |
| Fire Equipment Acquisition Acquisition of fire equipment necessary to assist in firefighting efforts in the designated areas of the City. <i>Additional funding needs for this project are shown in the Unfunded CIP Section.</i> | WLDLD | 207 | 62900 | 43,393 | 15,973 | 8,631 | - | - | - | - | 67,997 |
| | FIRE FAC | 214 | 62900 | 622,200 | 142,626 | 46,668 | - | - | - | - | 811,494 |
| Library HVAC DSS Control Systems Upgrade Replacement of air conditioning front end controls (computer, software, and programming). | GEN FD | 110 | 62940 | 10,848 | - | - | - | - | - | - | 10,848 |
| Recreational Activities Allowable activity provided by the City of Corona or a Corona based non-profit organization providing needed services to the community. City Manager is able to approve funds on any City service or need identified by the City Council, via an executed Donation Agreement. | GEN FD | 110 | 63130 | 230,355 | 18,917 | - | - | - | - | - | 249,272 |
| Code Enforcement Interior housing inspections for Health and Safety concerns. | CDBG | 431 | 63469 | 60,059 | - | 100,000 | - | - | - | - | 160,059 |
| Graffiti Removal Program to address the removal of graffiti from homes, businesses, and city right-of-way's. | CDBG | 431 | 63479 | 33,907 | - | 12,500 | - | - | - | - | 46,407 |
| Community Events - Co-Sponsored Co-sponsor community and City signature events. | GEN FD | 110 | 63800 | - | 36,031 | 35,142 | - | - | - | - | 71,173 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|--------------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Library Materials | GEN FD | 110 | 63900 | 495,225 | - | - | - | - | - | - | - | 495,225 |
| Purchase new library materials for addition to the collection in various formats - books, audio-visual materials, periodical subscriptions; and subscribe to on-line database subscriptions. | LBRIF | 206 | 63900 | 481,867 | 2,094 | - | - | - | - | - | - | 483,961 |
| Library Materials - AAB Friends | GEN FD | 110 | 63901 | 85,343 | 7,077 | - | - | - | - | - | - | 92,420 |
| Purchase new library materials for addition to the collection in various formats - books, audio-visual materials, periodical subscriptions; and subscribe to on-line database subscriptions. | | | | | | | | | | | | |
| Skypark OPA | SUC AG | 417 | 65810 | 215,391 | 5,235 | 50,000 | 51,000 | 52,020 | 53,060 | 54,122 | 1,524,407 | 2,005,236 |
| Reimbursement per the Owner Participation Agreement and Economic Development Job Creations Grant for the development of industrial, office and research and development buildings. | | | | | | | | | | | | |
| Residential Rehabilitation Program | CDBG | 431 | 67133 | 638,603 | 148,787 | 249,523 | - | - | - | - | - | 1,036,913 |
| Provides forgivable loans to owner-occupied dwelling units to address critical home improvement needs. The activity will provide a sub grant to Habitat for Humanity to assist mobile homes. | HOME | 432 | 67133 | 1,251,486 | - | 354,712 | - | - | - | - | - | 1,606,198 |
| Villa de Corona Apartments-Housing Authority Pledge | SUC AG | 417 | 67580 | 142,000 | 200,000 | - | - | - | - | - | - | 342,000 |
| Annual pledge for County of Riverside Housing Authority refunding of revenue bonds pursuant to agreement. | | | | | | | | | | | | |
| Vehicle Replacement | FLEET | 682 | 68340 | 3,413,349 | 202,851 | - | - | - | - | - | - | 3,616,199 |
| Citywide vehicle replacement and up fit. | | | | | | | | | | | | |
| Temescal Canyon/ Dos Lagos Owner Participation Agreement | SUC AG | 417 | 68530 | 4,853,913 | 25,984 | 971,945 | 977,327 | 1,008,908 | 463,939 | - | - | 8,302,016 |
| Reimbursement per the OPA for Public Improvements. | | | | | | | | | | | | |
| City Council Chamber Upgrade | GEN FD | 110 | 68590 | 799,266 | 239,810 | - | - | - | - | - | - | 1,039,076 |
| Improvements to the City Council Chambers to enhance public information utilizing Public Education and Governmental (PEG) revenues. | | | | | | | | | | | | |
| Corona N Main Development Owner Participation Agreement | SUC AG | 417 | 68630 | 544,793 | 47,656 | 500,000 | 374,762 | 384,451 | 394,333 | 404,414 | 4,032,056 | 6,682,464 |
| Reimbursement per the OPA for Public Improvements. | | | | | | | | | | | | |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Casa de la Villa Affordable Housing Agreement annual pledge. | SUC AG | 417 | 68700 | 1,800,000 | - | 450,000 | 450,000 | 450,000 | 450,000 | 450,000 | 900,000 | 4,950,000 |
| General Plan/Climate Action Plan Update Technical update to the city's General Plan and/or Climate Action Plan. | GEN FD | 110 | 69060 | 480,196 | 595,804 | - | - | - | - | - | - | 1,076,000 |
| Technology Enhancements Technological devices and/or software system improvements to enhance communication and efficiencies within the organization. | GEN FD | 110 | 70130 | 175,410 | 74,590 | - | - | - | - | - | - | 250,000 |
| Habitat for Humanity - A Brush With Kindness Home repair program to help preserve home ownership by partnering with homeowners struggling to maintain their home. | CDBG | 431 | 71689 | - | - | 10,000 | - | - | - | - | - | 10,000 |
| Corona Innovation Center Create Economic Development Innovation Center allowing all regional economic development partners to be housed in one facility and collaborate on common regional goals. | GEN FD | 110 | 71700 | 10,574 | 239,426 | - | - | - | - | - | - | 250,000 |
| Auto Center Sign Replacement of Auto Center Sign. | GEN FD | 110 | 71710 | - | 150,000 | - | - | - | - | - | - | 150,000 |
| CC Development/Orange Housing Development Agreement CC Development and Orange Housing Development Corporation disposition and development agreement to construct an affordable workforce housing project consisting of 85 apartments on 4.01 acres on the south side of East Sixth Street, west of Rimpau Avenue. | CHF | 291 | 71970 | 2,559,620 | 8,571 | - | - | - | - | - | - | 2,568,191 |
| Household Hazardous Waste Facility Construction of a permanent Household Hazardous Waste facility for Corona and Riverside County residents to drop off waste not suitable for landfill disposal. | NPDES | 245 | 71990 | 17,763 | 32,237 | - | - | - | - | - | - | 50,000 |
| | REIMB GT | 480 | 71990 | - | 250,000 | - | - | - | - | - | - | 250,000 |
| | WTRUF | 570 | 71990 | 59,119 | 225,881 | - | - | - | - | - | - | 285,000 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Emergency Flood Response Grant Development of an Emergency Flood Response Plan in consultation and coordination with other local and state agencies. | GEN FD | 110 | 72010 | 1,439 | 73,561 | - | - | - | - | - | - | 75,000 |
| Corona-Norco YMCA: Childcare Enriched with Fine Arts Education The Corona Norco Family YMCA's new Arts Integration Prototype is designed to provide children from low-income families with multiple levels of art lessons using multiple media and multiple instruments as a component of its childcare programs at four sites including Main YMCA Youth Center (1331 River Road), YMCA Citrus Circle Apartments (301 S. Buena Vista), YMCA Merrill Youth Center (312 S. Merrill) and YMCA Youth Center at City Park (475 E. Grand). | CDBG | 431 | 72649 | - | - | 22,000 | - | - | - | - | - | 22,000 |
| Corona-Norco United Way: Children and Youth Services The new United Way Children and Youth Success Program (CYSP) provides free tutoring services for children to enhance and support the growth of 3rd to 11th grade students whose parents qualify as low- and moderate-income families. Through the provision of a safe and caring after-school environment, the program provides guidance for students to complete their school assignments. | CDBG | 431 | 72679 | - | - | 22,000 | - | - | - | - | - | 22,000 |
| Corona-Norco United Way: Children's Wellness Program The Corona-Norco United Way's Children's Wellness Program (CWP) will focus children who have seen or witnessed domestic violence and provide them with the essential tools that can diminish trauma, focusing on three specific psychosocial developmental stages. | CDBG | 431 | 72699 | - | - | 22,000 | - | - | - | - | - | 22,000 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| <p><u>Big Brothers Big Sisters: Preventing Violence Against Girls</u> Big Brothers Big Sisters will provide a sex trafficking prevention initiative for girls that are City of Corona residents as part of their additional one to-one mentoring program. The Road to Success: Preventing Human Trafficking and Violence Against Girls program will provide middle school-aged girls who have experienced sexual abuse and/or experienced or witnessed domestic violence/abuse/trauma with positive, adult female role models who demonstrate healthy relationships, college and career success, and self-confidence to break the vulnerability factors that lead a girl to being groomed by a trafficker.</p> | CDBG | 431 | 72799 | - | - | 22,000 | - | - | - | - | - | 22,000 |
| <p><u>Council on Aging Southern California: Ombudsman Program</u> The Long-Term Care Ombudsman Program operated by Council on Aging Southern California (COASC) provides advocacy services to non-homeless persons who are elderly, frail or disabled adults living in licensed Long-Term Care Facilities. Pursuant to State law, COASC may make unannounced visits to these facilities in response to complaints and other concerns to ensure that residents are not subjected to abuse, neglect or fraud.</p> | CDBG | 431 | 72839 | - | - | 15,000 | - | - | - | - | - | 15,000 |
| <p><u>Inspire Life Skills: Meaningful Engagements</u> The Inspire Life Skills Training's new "Meaningful Engagements Program" will provide expanded and increased levels of case management and new employment / educational assistance and outreach services for former foster youth at risk of homelessness in Corona between the ages of 18-25 who do not currently have access to safe housing or support.</p> | CDBG | 431 | 72849 | - | - | 25,000 | - | - | - | - | - | 25,000 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| <p>Peppermint Ridge: Activity Center Peppermint Ridge will use CDBG public service funding to help offset the cost of monthly lease payments for its new activity center set to open for service in 2018. The new Activity Center will be placed on the main campus on a vacant portion of the property at the rear of the parcel. This new indoor space is more than double the size of the current multipurpose room on campus that serves all 96 adult residents who have a range of developmental and intellectual disabilities (e.g., Downs Syndrome, autism, mental retardation, etc.).</p> | CDBG | 431 | 72859 | - | - | 22,000 | - | - | - | - | - | 22,000 |
| <p>Community Housing Development Organization Preservation of the quality of existing affordable housing stock occupied by low and moderate income households.</p> | CDBG | 432 | 72869 | - | - | 70,943 | - | - | - | - | - | 70,943 |
| <p>Riverside County Fair Housing Promotes fair housing rights and obligations which prohibit discrimination in the sale, rental or financing of housing units.</p> | CDBG | 431 | 72879 | - | - | 18,000 | - | - | - | - | - | 18,000 |
| <p>Public Facilities and Infrastructure Improvement of public facilities and infrastructure to benefit low- and moderate-income residents or those presumed under HUD regulations to be low- and moderate- income such as the elderly and disabled adults.</p> | CDBG | 431 | 72889 | - | - | 600,000 | - | - | - | - | - | 600,000 |
| <p>Corona Mall Business Improvement District Utility and maintenance of parking lots, sidewalks and landscape improvements within the boundaries of the Corona Mall Business Improvement District.</p> | BUSIMP | 218 | 84220 | 685,522 | 309,875 | - | 148,569 | 151,541 | 154,571 | - | - | 1,450,077 |
| <p>Police Equipment Acquisition Various police equipment related to community and/or development impacts.</p> | POL FAC | 213 | 86450 | 557,161 | 40,892 | 35,000 | - | - | - | - | - | 633,053 |

Program Name: Facilities, Systems and Community Assets

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|--------------|-------------|------------------------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|
| Citywide Facilities Inventory | LBRIF | 206 | 86900 | - | 4,000 | - | - | - | - | - | - | 4,000 |
| Inventory of constructed and missing Master Planned facilities as specified by the current Master Facility Plan. | POLFC | 208 | 86900 | - | 4,000 | - | - | - | - | - | - | 4,000 |
| | FIRFC | 209 | 86900 | - | 4,000 | - | - | - | - | - | - | 4,000 |
| | STSIG | 211 | 86900 | - | 9,900 | - | - | - | - | - | - | 9,900 |
| | DRAIN | 212 | 86900 | - | 47,297 | - | - | - | - | - | - | 47,297 |
| | POL FAC | 213 | 86900 | - | 4,000 | - | - | - | - | - | - | 4,000 |
| | FIRE FAC | 214 | 86900 | 44 | 3,956 | - | - | - | - | - | - | 4,000 |
| | PBMTF | 215 | 86900 | - | 4,000 | - | - | - | - | - | - | 4,000 |
| | AQUAC | 216 | 86900 | - | 5,645 | - | - | - | - | - | - | 5,645 |
| | PKSOS | 217 | 86900 | - | - | - | - | - | - | - | - | - |
| | SC LND | 274 | 86900 | - | 2,370 | - | - | - | - | - | - | 2,370 |
| Citywide Development Impact Fee Review | LBRIF | 206 | 86910 | 1,168 | 2,832 | - | - | - | - | - | - | 4,000 |
| Review and update of the Citywide Development Impact Fees to reflect changes in construction costs and remaining developing units. | POLFC | 208 | 86910 | 1,168 | 2,832 | - | - | - | - | - | - | 4,000 |
| | FIRFC | 209 | 86910 | 1,168 | 2,832 | - | - | - | - | - | - | 4,000 |
| | STSIG | 211 | 86910 | 1,168 | 10,007 | - | - | - | - | - | - | 11,175 |
| | DRAIN | 212 | 86910 | 1,168 | 5,382 | - | - | - | - | - | - | 6,550 |
| | POL FAC | 213 | 86910 | 1,168 | 2,832 | - | - | - | - | - | - | 4,000 |
| | FIRE FAC | 214 | 86910 | 1,168 | 2,832 | - | - | - | - | - | - | 4,000 |
| | PBMTF | 215 | 86910 | 1,168 | 2,832 | - | - | - | - | - | - | 4,000 |
| | AQUAC | 216 | 86910 | 1,168 | 1,082 | - | - | - | - | - | - | 2,250 |
| | PKSOS | 217 | 86910 | - | - | - | - | - | - | - | - | - |
| | SC MT | 261 | 86910 | - | 3,000 | - | - | - | - | - | - | 3,000 |
| | PKDEV | 288 | 86910 | - | - | - | - | - | - | - | - | - |
| Corona Business Assistance Program | CDBG | 431 | 89489 | 50,000 | - | 20,000 | - | - | - | - | - | 70,000 |
| Encourage the creation and expansion of small business through the implementation of a microenterprise (five or fewer employees) technical assistance program for low- and moderate-income Corona residents seeking to form a microenterprise or seeking to expand their microenterprise. | | | | | | | | | | | | |
| Fire Department Needs Assessment - Equipment | GEN FD | 110 | | - | - | - | 322,060 | 970,448 | 414,453 | 840,053 | - | 2,547,014 |
| Technical Rescue Equipment, Hoses, Radios, SCBA Equipment, EMS Equipment, and Computer Software & Equipment. | | | | | | | | | | | | |
| Community Assets and Programmatic Projects Total | | | | \$ 22,180,387 | \$ 3,233,786 | \$ 3,683,064 | \$ 2,323,718 | \$ 3,017,368 | \$ 1,930,356 | \$ 1,748,589 | \$ 6,456,463 | \$ 44,573,731 |
| FACILITIES, SYSTEMS & COMMUNITY ASSETS TOTAL | | | | \$ 40,420,739 | \$ 9,562,699 | \$ 8,305,964 | \$ 8,155,078 | \$ 4,737,179 | \$ 3,341,356 | \$ 2,748,589 | \$ 8,316,463 | \$ 85,588,067 |

Program Name: Parks and Open Space

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: General Safety, Maintenance and Other Improvements | | | | | | | | | | | |
| Parks Hardscape Butterfield-West Parking Lot \$800k, City Park Armory Parking Lot \$200k. | PKSOS | 217 | 68900 | 334,957 | 1,285,189 | - | - | - | - | - | 1,620,146 |
| Parks Basic Amenities installation of drinking fountains & trash cans parkwide. | PKSOS | 217 | 68960 | 229,703 | 949,488 | - | - | - | - | - | 1,179,192 |
| Parks Enhanced Enhanced amenities covers items not commonly provided such as exercise circuit, special playground equipment, etc. | PKSOS | 217 | 68980 | 402 | 598 | - | - | - | - | - | 1,000 |
| Parks Lighting Improvements Lighting improvements at citywide parks, excluding Butterfield, estimated at \$2,000 per pole. | PKSOS | 217 | 68990 | 79,964 | 105,036 | - | - | - | - | - | 185,000 |
| Parks Facility Improvements Concession stands at Butterfield & Citrus, River Road restroom, storage building & switch gear at Citrus. | PKSOS | 217 | 69010 | 1,819,635 | 612,723 | - | - | - | - | - | 2,432,357 |
| Aquatic Improvements Improvements at aquatic facilities. Auto Chemical System at Auburndale, Shade Sails at Auburndale & City Park. | AQUAC | 216 | 69630 | 1,125 | 107,375 | - | - | - | - | - | 108,500 |
| Landscape Retrofit/Slope Study - LMD 84-2, Zone 10 Remove 25,952 square feet of turf and replace with drought tolerant plants and drip irrigation; Replace vegetation and renovate existing irrigation system; and Perform a geotechnical study to evaluate the slope issue and provide remediation and cost estimates for future capital improvement projects necessary to maintain the integrity of the slopes. | 84-2 ZN10 | 460 | 70440 | 393,416 | 989,810 | - | - | - | - | - | 1,383,226 |

Program Name: Parks and Open Space

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Landscape Retrofit Project | CFD971 | 248 | 70460 | 305,747 | - | - | - | - | - | - | - | 305,747 |
| Replace turf and replace with drought tolerant plants and drip irrigation. | CFD 2001-1 | 249 | 70460 | 803,677 | 1,173,777 | - | - | - | - | - | - | 1,977,453 |
| | 84-2 ZN2 | 455 | 70460 | 98,598 | - | - | - | - | - | - | - | 98,598 |
| | 84-2 ZN4 | 456 | 70460 | 99,690 | - | - | - | - | - | - | - | 99,690 |
| | 84-2 ZN7 | 458 | 70460 | 377,064 | 177,025 | - | - | - | - | - | - | 554,089 |
| | 84-2 ZN14 | 461 | 70460 | 268,171 | 536,418 | - | - | - | - | - | - | 804,589 |
| | 84-2 ZN15 | 462 | 70460 | 416,864 | 9,662 | - | - | - | - | - | - | 426,526 |
| | 84-2 ZN17 | 463 | 70460 | 115,995 | - | - | - | - | - | - | - | 115,995 |
| | 84-2 ZN18 | 464 | 70460 | 175,740 | - | - | - | - | - | - | - | 175,740 |
| | 84-2 ZN20 | 470 | 70460 | 745,646 | - | - | - | - | - | - | - | 745,646 |
| Bicycle Infrastructure | GEN FD | 110 | 71540 | 5,053 | 10,732 | - | - | - | - | - | - | 15,785 |
| Install heavy duty bicycle racks at a minimum of 35 publicly accessible locations throughout the City and 20 bicycle lockers will be installed at various City facilities that are commonly visited. Project is partially funded by the South Coast Air Quality Management District's Clean Transportation Funding Program. | PKSOS | 217 | 71540 | 11,810 | 25,668 | - | - | - | - | - | - | 37,478 |
| | REIMB GT (SCAQMD) | 480 | 71540 | 15,469 | 37,794 | - | - | - | - | - | - | 53,263 |
| LMD 84-2 Zone 10 Slope Improvement/Stabilization Project | 84-2 ZN10 | 460 | 71620 | 88,926 | 911,074 | - | - | - | - | - | - | 1,000,000 |
| Capital improvements to control erosion and provide for a safe and aesthetically pleasing landscape. | | | | | | | | | | | | |
| Auburndale Amenities Improvements | PKSOS | 217 | 72600 | - | - | 630,640 | - | - | - | - | - | 630,640 |
| Construct new pickleball courts and basketball courts. | | | | | | | | | | | | |
| General Safety, Maintenance and Other Improvements Total | | | | \$ 6,387,649 | \$ 6,932,371 | \$ 630,640 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 13,950,660 |

Program Category: Parks Paving, Courts, and Pathways

| | | | | | | | | | | | | |
|--|--------|-----|-------|----------|------------|------|-----------|------|------|------|------|------------|
| South Corona Master Planned Landscape | SC LND | 274 | 80080 | 7,545 | 767,166 | - | 29,000 | - | - | - | - | 803,711 |
| Construct missing Master Planned Landscaping in South Corona as specified by the South Corona Community Facility Plan. | | | | | | | | | | | | |
| Parks Paving, Courts, and Pathways Total | | | | \$ 7,545 | \$ 767,166 | \$ - | \$ 29,000 | \$ - | \$ - | \$ - | \$ - | \$ 803,711 |

Program Name: Parks and Open Space

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: Playgrounds, Fencing, and Lighting | | | | | | | | | | | |
| Griffin Park Addition of tot lot, lighting, walkway, ADA, camera, etc. to Griffin Park. | PKSOS | 217 | 71720 | 3,404 | 296,596 | - | - | - | - | - | 300,000 |
| Splash Pad at Ridgeline Park Install a splash pad at Ridgeline Park. | PKSOS | 217 | 71760 | 1,489,343 | 15,217 | - | - | - | - | - | 1,504,560 |
| Playgrounds, Fencing, and Lighting Total | | | \$ 1,492,747 | \$ 311,813 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,804,560 |
| PARKS AND OPEN SPACE TOTAL | | | \$ 7,887,941 | \$ 8,011,350 | \$ 630,640 | \$ 29,000 | \$ - | \$ - | \$ - | \$ - | \$ 16,558,931 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: Bridges, Railroads and Freeways | | | | | | | | | | | |
| Magnolia Avenue Widening | STSGI | 211 | 62410 | 3,371 | 6,321 | 500,000 | - | - | - | - | 509,692 |
| Widening of Magnolia Avenue between El Camino Avenue and All American Way, which includes widening of the bridge that crosses the Temescal Wash. | GASTX | 222 | 62410 | - | - | 100,000 | 100,000 | 100,000 | 100,000 | - | 400,000 |
| | MEASA | 227 | 62410 | 129,161 | 743,678 | 600,000 | 600,000 | 600,000 | 600,000 | - | 3,272,838 |
| | PWGT | 243 | 62410 | 31,564 | - | - | - | - | - | - | 31,564 |
| McKinley Grade Separation | GASTX | 222 | 69370 | 137,814 | 87,186 | - | - | - | - | - | 225,000 |
| Construction of a new bridge over the BNSF Railroad tracks at McKinley to eliminate the current at-grade crossing. <i>Additional funding needs for this project are shown in the Unfunded CIP section.</i> | MEASA | 227 | 69370 | 25,000 | 1,000,000 | - | - | - | - | - | 1,025,000 |
| | PWGT | 243 | 69370 | 20,226 | 1,979,774 | - | - | - | - | - | 2,000,000 |
| | PWGT | 243 | 69371 | - | - | - | - | - | - | - | - |
| | TMFW | 479 | 69370 | 48,701 | 1,458,185 | - | - | - | - | - | 1,506,886 |
| Cajalco / I-15 Interchange Improvements | GEN FD | 110 | 69500 | 340,199 | 84,935 | - | - | - | - | - | 425,133 |
| Widen Cajalco Road from two to six lanes from Temescal Canyon Road to Bedford Canyon Road and reconstruct the existing interchange on Interstate 15 (I-15) at Cajalco Road to accommodate current and future traffic demands. The new six-lane bridge and all ramps will be widened and realigned. <i>Additional funding needs for this project are shown in the Unfunded CIP section.</i> | STSIG | 211 | 69500 | 67,171 | 232,828 | - | - | - | - | - | 299,999 |
| | GASTX | 222 | 69500 | 22,109 | 12,191 | - | - | - | - | - | 34,300 |
| | PWGT | 243 | 69500 | 6,622,521 | 576,479 | - | - | - | - | - | 7,199,000 |
| | PWGT | 243 | 69501 | 17,294,831 | 49,698,363 | - | - | - | - | - | 66,993,194 |
| | TMFW | 479 | 69500 | 3,847,000 | - | - | - | - | - | - | 3,847,000 |
| SR-91 City Betterments | MEASA | 227 | 69670 | - | 300,000 | - | - | - | - | - | 300,000 |
| In conjunction with the SR-91 Capital Improvement Project, the City will fund improvements to various local streets beyond the requirements for the SR-91 project. | | | | | | | | | | | - |
| | | | | | | | | | | | - |
| Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation | GEN FD | 110 | 71150 | 104,780 | 1,175,816 | - | - | - | - | - | 1,280,596 |
| Construction of a grade separation (bridge) over the Burlington Northern Santa Fe Railroad tracks at Auto Center Drive to eliminate the current at-grade crossing. | GASTX | 222 | 71150 | 10,878 | - | - | - | - | - | - | 10,878 |
| | MEASA | 227 | 71150 | 975,871 | 301,042 | - | - | - | - | - | 1,276,913 |
| | PWGT | 243 | 71150 | 28,139,193 | 3,239,578 | - | - | - | - | - | 31,378,771 |
| | TUMFW | 479 | 71150 | 1,805,814 | 187,736 | - | - | - | - | - | 1,993,550 |
| Bridge Evaluation | MEASA | 227 | 71790 | - | 250,000 | 50,000 | - | - | - | - | 300,000 |
| Maintenance on bridges throughout the City as recommended by the State of California Department of Transportation. | | | | | | | | | | | |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|--------------|------------|------------|------------|------------|--------------|--------------------|
| South Corona Master Planned Streets | STSIG | 211 | 80020 | - | - | 100,000 | - | - | - | - | - | 100,000 |
| Construct missing Master Planned Street | SC MT | 261 | 80020 | 187,153 | 473,359 | 42,443 | - | - | - | - | - | 702,955 |
| Improvements in South Corona as specified by the South Corona Community Facility Plan. | | | | | | | | | | | | |
| Sherborn Street Improvements | GEN FD | 110 | 84480 | - | 438,374 | - | - | - | - | - | - | 438,374 |
| Construction of developer-paid improvements on Sherborn Street south of Magnolia Avenue, including curb, gutter and pavement sections. | | | | | | | | | | | | |
| Bridges, Railroads and Freeways Total | | | | \$ 59,813,355 | \$ 62,245,845 | \$ 1,392,443 | \$ 700,000 | \$ 700,000 | \$ 700,000 | \$ - | \$ - | \$ 125,551,643 |

Program Category: Paving and Striping

| | | | | | | | | | | | | |
|---|--------|-----|-------|-----------|---------|-----------|-----------|-----------|-----------|---------|---------|------------|
| Alley Improvements | GASTX | 222 | 62770 | 190,219 | 389,781 | - | - | - | - | - | - | 580,000 |
| Design and construction of various alley improvements | MEASA | 227 | 62770 | 4,443 | 295,557 | - | - | - | - | - | - | 300,000 |
| Citywide to provide safe and smooth driving conditions. | | | | | | | | | | | | |
| Foothill Parkway Easterly Improvements | STSIG | 211 | 63060 | 1,272,150 | 45,612 | - | - | - | - | - | - | 1,317,762 |
| Road improvements to Foothill Parkway from I-15/EI | MEASA | 227 | 63060 | 196,993 | 3,007 | - | - | - | - | - | - | 200,000 |
| Cerrito to California Avenue. Construction includes | SC MT | 261 | 63060 | 470,759 | 1,004 | - | - | - | - | - | - | 471,763 |
| installation of curb and gutter, storm drain, AC | WRUF | 572 | 63060 | 3,080 | 203,545 | - | - | - | - | - | - | 206,625 |
| pavement, widening and medians. | | | | | | | | | | | | |
| Overlook Street Improvements | GEN FD | 110 | 68330 | - | 19,184 | - | - | - | - | - | - | 19,184 |
| Pavement construction and rehabilitation for various | GASTX | 222 | 68330 | 136,939 | 363,061 | - | - | - | - | - | - | 500,000 |
| roads in the Overlook area over several years. | MEASA | 227 | 68330 | 5,886 | 294,114 | 50,000 | 50,000 | 50,000 | - | - | - | 450,000 |
| Local Street Pavement Rehabilitation | GASTX | 222 | 69210 | 284,807 | 904,539 | - | - | - | - | - | - | 1,189,346 |
| Pavement rehabilitation for local streets in accordance | RMRA | 221 | 69210 | - | - | 2,000,000 | - | - | - | - | - | 2,000,000 |
| with the current Pavement Management Study. | MEASA | 227 | 69210 | 5,796,147 | 211,956 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | - | - | 10,008,103 |
| Rehabilitation may include reconstruction paving, | TCR | 242 | 69210 | 2,691,990 | - | - | - | - | - | - | - | 2,691,990 |
| crack sealing, slurry, etc. | | | | | | | | | | | | |
| Pavement Maintenance and Resurfacing | GASTX | 222 | 69220 | 966,436 | 4,382 | - | - | 150,000 | - | - | 150,000 | 1,270,818 |
| Resurface and repair potholes and miscellaneous | MEASA | 227 | 69220 | 1,637,041 | 5,696 | 213,000 | 200,000 | 150,000 | 150,000 | 150,000 | 150,000 | 2,655,737 |
| pavement failures with City staff and/or contracted services. | | | | | | | | | | | | |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|---|--|--|--|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------------|----------------------------|---|
| Citywide Master Plan Street Improvements Construct missing streets as specified by the Master Facility Plan and Ordinance 2552; amended by Ordinance 2630. Ontario Avenue Widening Conejo Street to Lincoln Avenue. | STSIG | 211 | 69510 | - | 1,087,748 | 500,000 | - | - | - | - | - | 1,587,748 |
| FY 2016-17 CDBG Sidewalk Improvements CDBG eligible (area benefit) infrastructure improvements to sidewalks, curbs and gutter, and accessibility facilities - ADA compliant ramps and path of travel. | GASTX CDBG | 222 431 | 69687 69687 | 69,764 575,926 | 163,686 24,074 | - - | - - | - - | - - | - - | - - | 233,450 600,000 |
| Ontario Avenue Street Improvements Cold in-place recycling (CIR) of existing pavement along Ontario Avenue between California Avenue and Magnolia Avenue. | GASTX MEASA PWGT | 222 227 243 | 69690 69690 69690 | 53,984 128,787 10,018 | 420,000 920,197 822,229 | - - - | - - - | - - - | - - - | - - - | - - - | 473,984 1,048,984 832,247 |
| Major Streets Pavement Rehabilitation Pavement rehabilitation for major thoroughfares in accordance with the Pavement Management Program. Rehabilitation may include reconstruction paving, crack sealing, slurry, etc. | GEN FD RMRA GASTX MEASA TCR PWGT | 110 221 222 227 242 243 | 70800 70800 70800 70800 70800 70800 | 365,903 494 516,833 4,971,230 - - | - 929,845 339,975 1,586,072 - 140,830 | - - - 1,000,000 - - | - - - 1,000,000 - - | - - - 1,000,000 - - | - - - 1,000,000 - - | - - - - - - | - - - - - - | 365,903 930,339 856,808 10,557,302 - 140,830 |
| 2016 Street Pavement Maintenance and Rehab Rehabilitation of approximately 36 lane-miles of major and local streets to preserve the existing pavement, extend the useful life of the asphalt, and provide a smoother travel surface for motorists and pedestrians. | MEASA | 227 | 71980 | 1,792,839 | 355,409 | - | - | - | - | - | - | 2,148,248 |
| Ontario Avenue Widening Widening of Ontario Avenue between Compton Avenue and State Street. Signal Installation at Ontario Avenue and State Street. | STSIG MEASA PWGT SC LND | 211 227 243 274 | 72100 72100 72100 72100 | 8,258 - 22,356 - | 741,742 - 1,448,644 - | 503,000 500,000 - - | - 500,000 - 750,000 | - 500,000 - - | - - - - | - - - - | - - - - | 1,253,000 1,500,000 1,471,000 750,000 |
| San Ramon Gate Removal Removal and disposal of fence, gate, and landscaped island material; street rehabilitation; and paving. | GASTX | 222 | 72150 | - | 50,000 | - | - | - | - | - | - | 50,000 |
| 2017-18 CDBG Pavement Rehabilitation Pavement rehabilitation of residential streets located within CDBG benefit areas citywide. | MEASA | 227 | 72170 | - | 981,503 | - | - | - | - | - | - | 981,503 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Rubberized Asphalt Concrete (RAC) Project | RMRA | 221 | 72610 | - | - | 785,814 | - | - | - | - | - | 785,814 |
| Street and pavement rehabilitation using rubberized asphalt concrete (RAC) | MEASA | 227 | 72610 | - | - | 50,000 | - | - | - | - | - | 50,000 |
| Butterfield Drive Road Relocation | GASTX | 222 | 72620 | - | - | 150,000 | - | - | - | - | - | 150,000 |
| Relocate Butterfield Drive to provide access over proposed Army Corps of Engineers Alcoa Dike at Butterfield Park with transition to Smith Avenue on the east side of the Alcoa Dike and transition to the existing roadway alignment on the west side of the Alcoa Dike. Roadway relocation will be designed by Orange County Public Works design consultant and constructed as part of the Corps of Engineers dike construction project. The extent of pavement rehabilitation/repair will include approximately 33,500 square feet of existing pavement. The scope of work to be determined by the consulting engineering firm contracted to prepare the design. | MEASA | 227 | 72620 | - | - | 700,000 | 1,150,000 | - | - | - | - | 1,850,000 |
| Household Waste Collection Facility Street Improvements | MEASA | 227 | 72650 | - | - | 45,500 | - | - | - | - | - | 45,500 |
| Street Improvements to Quarry Street and Rimpau Avenue in support of the Maintenance Services Department. | | | | | | | | | | | | |
| Striping Rehabilitation | GASTX | 222 | 72920 | 1,245,544 | 279,304 | 80,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 2,354,848 |
| Upgrade and maintenance of Citywide striping using City staff and/or contract services; and rehabilitation and maintenance of the City's traffic system and transportation infrastructure. | MEASA | 227 | 72920 | 836,179 | 38,821 | 65,000 | 175,000 | 175,000 | 175,000 | 175,000 | 175,000 | 1,815,000 |
| Overlook Road Maintenance | GASTX | 222 | 73540 | - | 38,957 | - | 2,500 | 2,500 | - | - | 2,500 | 46,457 |
| Maintenance and grading of existing roads in the Overlook area to ensure accessibility for emergency Police and Fire vehicles. | MEASA | 227 | 73540 | - | - | 10,000 | - | - | - | - | - | 10,000 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|--------------|--------------|--------------|--------------|------------|--------------|--------------------|
| Foothill Parkway Westerly Extension | GEN FD | 110 | 86040 | 4,396,613 | 603,387 | - | - | - | - | - | - | 5,000,000 |
| Design and construction of Foothill Parkway from Trudy Way to Paseo Grande, including full street improvements for a new four-lane roadway. | STSIG | 211 | 86040 | 504,957 | 43 | - | - | - | - | - | - | 505,000 |
| | GASTX | 222 | 86040 | 1,762,716 | 285,285 | - | - | - | - | - | - | 2,048,000 |
| | MEASA | 227 | 86040 | 758,010 | - | - | - | - | - | - | - | 758,010 |
| | MEASA | 227 | 86041 | 28,000,000 | - | - | - | - | - | - | - | 28,000,000 |
| | PWGT | 243 | 86040 | 7,000,000 | - | - | - | - | - | - | - | 7,000,000 |
| | SC MT | 261 | 86040 | 1,465,119 | 260,863 | - | - | - | - | - | - | 1,725,982 |
| | SC LND | 274 | 86040 | 325,186 | 310,079 | - | - | - | - | - | - | 635,265 |
| | TUMFR | 478 | 86040 | 6,270,957 | 5,410,342 | - | - | - | - | - | - | 11,681,299 |
| | RECYC | 567 | 86040 | 1,475,067 | - | - | - | - | - | - | - | 1,475,067 |
| | WTRUF | 570 | 86040 | 3,399,602 | 40,398 | - | - | - | - | - | - | 3,440,000 |
| Reimbursement Agreement Payments - Drainage | DRAIN | 212 | 86920 | 302,683 | 221,849 | - | 10,000 | 10,000 | 10,000 | - | 50,000 | 604,532 |
| Payments due to developers in compliance with existing reimbursement agreements. | | | | | | | | | | | | |
| Paving and Striping Total | | | | \$ 79,915,916 | \$ 20,242,718 | \$ 7,652,314 | \$ 4,987,500 | \$ 3,187,500 | \$ 2,485,000 | \$ 475,000 | \$ 677,500 | \$ 119,623,448 |

Program Category: Planning and Studies

| | | | | | | | | | | | | |
|---|-------|-----|-------|------------|------------|-----------|-----------|-----------|------|------|-----------|------------|
| Citywide Benchmark Update | GASTX | 222 | 68860 | - | 140,000 | - | 50,000 | - | - | - | - | 190,000 |
| Update of Citywide benchmarks and adjustments to NAD 83. | MEASA | 227 | 68860 | - | 40,000 | - | - | - | - | - | - | 40,000 |
| Citywide Traffic Model Update | MEASA | 227 | 69660 | - | 225,000 | - | - | - | - | - | - | 225,000 |
| General Plan Circulation Element update. | | | | | | | | | | | | |
| Pavement Management Study | MEASA | 227 | 70690 | 161,172 | 79,573 | 10,000 | 10,000 | 10,000 | - | - | 10,000 | 280,745 |
| Ongoing field survey of local streets to be included in the Street Saver Program for the purpose of completing the City's street inventory, and maintaining current information for rehabilitation project planning. Annual Street Saver license and maintenance. | | | | | | | | | | | | |
| Planning and Studies Total | | | | \$ 161,172 | \$ 484,573 | \$ 10,000 | \$ 60,000 | \$ 10,000 | \$ - | \$ - | \$ 10,000 | \$ 735,745 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: Sidewalk, Curb and Gutters | | | | | | | | | | | |
| Sidewalk, Curb and Gutter Repair/Replacement/Maintenance | GENFD | 110 | 70730 | 598,300 | 1,700 | - | - | - | - | - | 600,000 |
| | GASTX | 222 | 70730 | 1,609,570 | 3,616 | 287,000 | 275,000 | 150,000 | 150,000 | - | 2,625,186 |
| Street maintenance program for as-needed repairs or replacement of curb, gutter, sidewalk, and drive approaches. | MEASA | 227 | 70730 | 2,174,958 | 2,127 | 275,000 | 275,000 | 150,000 | 150,000 | - | 3,177,085 |
| Sixth Street Revitalization | MEASA | 227 | 71780 | 1,935 | 998,065 | - | - | - | - | - | 1,000,000 |
| Reconfiguration and rehabilitation of West Sixth Street from Main Street to Merrill Street for the purpose of widening and improving existing sidewalks to comply with the Americans with Disabilities Act (ADA). Project also involves the modification of curb ramps to meet ADA standards, and introduces angled parking for easier access to local business. | | | | | | | | | | | |
| FY 2017-18 CDBG Sidewalk Improvement Project | MEASA | 227 | 72180 | - | 260,000 | - | - | - | - | - | 260,000 |
| CDBG eligible (area benefit) infrastructure improvements to sidewalks, curbs and gutter, and accessibility improvements - ADA compliant ramps and path-of-travel. | | | | | | | | | | | |
| Citywide Sidewalk and ADA Improvements - Phase II | GASTX | 222 | 72210 | - | - | 500,000 | - | - | - | - | 500,000 |
| Replacement of curb, gutter, sidewalk, and drive approaches; installation of missing sidewalk, curb, gutter, access ramps, bike paths, root pruning, engineering, and incidental work; and construction, replacement, or installation of ADA-compliant facilities within the public right-of-way. | MEASA | 227 | 72210 | 15,600 | 684,400 | 1,400,000 | - | - | - | - | 2,100,000 |
| Second Street and Bollero Place Maintenance | PWGT | 243 | 72480 | - | 25,000 | - | - | - | - | - | 25,000 |
| The Riverside County Transportation Commission (RCTC) constructed new street segments of Second Street and Bollero Place as part of the State Route 91 (SR-91) Expansion Project through the City of Corona. These new street improvements include sidewalk, curb, gutter, streetlights, signs, water valve covers located in streets, pull boxes, striping, pavement markings and asphalt concrete pavement. Certain new portions of Second Street and Bollero Place have been completed but are subject to one or more continuing eminent domain actions and therefore pending transfer of title to the City. | | | | | | | | | | | |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------------------|-------------------|-------------------------|-------------------------------|-----------------------------|--------------------|-------------|-------------|-------------|-------------|--------------|-------------------------------|
| Garretson Avenue AC Patchway Construct a 4-foot wide AC pedestrian pathway (2 inches deep) on the east side of Garretson between C L Fleming Circle and Santana Way that will meander around the existing trees and connect to the existing sidewalk at both ends. | MEASA | 227 | 72500 | 29,571 | 15,429 | - | - | - | - | - | - | 45,000 |
| Magnolia Median Rehabilitation This project will provide for the redesign and rehabilitation of the existing Magnolia Avenue medians. The project consists of approximately 97,000 square feet of landscaping from Ontario to Rimpau Avenue. The medians on Magnolia Avenue have experienced die-off over the past several years as the plant material reaches the end of its life. Additionally, the irrigation is old and inefficient, causing runoff that damages the roadways. The project will provide for several design concepts that will include high efficiency irrigation, use of hardscape or DG, and low-water use plants. | GASTX MEASA | 222 227 | 72630 72630 | - - | - - | 300,000 200,000 | - - | - - | - - | - - | - - | 300,000 200,000 |
| River Road Median Landscape Improvements Landscape and irrigation improvements on River Road Center median from Corydon to Lincoln. The project will remove approximately 80,690 sq. ft. of turf and old plant material and replacing it with a drought tolerant landscape. It will also address irrigation runoff that is damaging the road. | MEASA | 227 | 72680 | - | - | 50,000 | - | - | - | - | - | 50,000 |
| Citywide Sidewalk and ADA Improvements - Phase I Replacement of curb, gutter, sidewalk, and drive approaches; installation of missing sidewalk, curb, gutter, access ramps, bike paths, root pruning, engineering, and incidental work; and construction, replacement, or installation of ADA-compliant facilities within the public right-of-way. | GENFD GASTX MEASA | 110 222 227 | 80270 80270 80270 | 19,941 44,028 2,549,924 | - - 365,030 | - - - | - - - | - - - | - - - | - - - | - - - | 19,941 44,028 2,914,954 |
| Sidewalk, Curb and Gutters Total | | | | \$ 7,043,826 | \$ 2,355,367 | \$ 3,012,000 | \$ 550,000 | \$ 300,000 | \$ 300,000 | \$ - | \$ 300,000 | \$ 13,861,193 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------------------|------------------------------|-----------------------------|---------------------|-------------------|-------------------|-------------|-------------|--------------|---------------------|
| Program Category: Storm Drains, Culverts, Creeks, and Flood Control | | | | | | | | | | | |
| Corona Storm Drain Line 52 | DRAIN | 212 | 62910 | 31,010 | 949,940 | - | - | - | - | - | 980,950 |
| Construction of a 72-inch storm drain line in Joy Street from the Temescal Channel to East Grand Blvd. to East Third St. | MEASA | 227 | 62910 | 24,487 | 675,513 | - | - | - | - | - | 700,000 |
| | PWGT | 243 | 62910 | 3,459,978 | 1,670,022 | - | - | - | - | - | 5,130,000 |
| East Grand Boulevard Storm Drain | DRAIN | 212 | 62920 | 10,059 | 39,941 | 100,000 | - | - | - | - | 150,000 |
| Construction of a 36-inch storm drain line in East Grand Boulevard from Third Street to Seventh Street. | MEASA | 227 | 62920 | - | - | 200,000 | 200,000 | - | - | - | 400,000 |
| Hidden Springs Drive Drainage Improvement | MEASA | 227 | 71420 | 20,122 | 325 | - | - | - | - | - | 20,447 |
| Drainage improvements at Hidden Springs Drive and Joseph Canyon Trail. | | | | | | | | | | | |
| Sixth Street and Yorba Street Waterline Replacement and Pavement Rehabilitation | MEASA | 227 | 72700 | - | - | 500,000 | - | - | - | - | 500,000 |
| Pavement rehabilitation following waterline construction in Yorba Street between Pleasant View Avenue and West Sixth Street. The extent of pavement rehabilitation/repair will include approximately 35,000 square feet of existing pavement. The scope of work to be determined by the consulting engineering firm contracted to prepare the design. | | | | | | | | | | | |
| Chase Drive Improvements - Phase III | DRAIN | 212 | 86050 | 9,094 | 90,906 | - | - | - | - | - | 100,000 |
| Installation of a storm drain swale system, and construction of sidewalk and bike path improvements on Chase Drive from Sonrisa Drive to Garretson Avenue. | MEASA | 227 | 86050 | 2,750 | 400,000 | - | - | - | - | - | 402,750 |
| | SCMT | 261 | 86050 | - | 377,693 | - | - | - | - | - | 377,693 |
| Storm Drains, Culverts, Creeks, and Flood Control Total | | | | \$ 3,557,501 | \$ 4,204,339 | \$ 800,000 | \$ 200,000 | \$ - | \$ - | \$ - | \$ 8,761,840 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Fund No. | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|----------|-------------|------------------------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------------|
| Program Category: Streetlights and Poles | | | | | | | | | | | | |
| LED Safety/Street Light Retrofit | GASTX | 222 | 72430 | 1,300,000 | - | - | - | - | - | - | - | 1,300,000 |
| The City of Corona maintains over 12,000 street lights, traffic signals and safety lights. Corona has three lighting districts and one Homeowner's Association (HOA) that fund the maintenance of these lights. The City's street light inventory consists of mostly High-Pressure Sodium (HPS) light bulbs, some Induction lights, Light Emitting Diode (LED), and decorative lights. The City desires to ensure consistency in the type of lighting throughout its jurisdiction, make use of current utility rebate programs, and achieve cost savings through the use of energy efficient devices. | LMD 2003-1 | 252 | 72430 | 56,110 | 8,890 | - | - | - | - | - | - | 65,000 |
| | CFDLMD | 253 | 72430 | 4,477 | 523 | - | - | - | - | - | - | 5,000 |
| | SLMD | 446 | 72430 | 3,123,461 | 576,539 | - | - | - | - | - | - | 3,700,000 |
| Streetlights and Poles Total | | | | \$ 4,484,047 | \$ 585,953 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,070,000 |

Program Category: Traffic Signals

| | | | | | | | | | | | | |
|--|--------|-----|-------|---------|-----------|---------|---------|---------|---------|---------|---------|-----------|
| Traffic Signal at Serfas Club Drive/Rancho Corona Road | GEN FD | 110 | 70270 | 312,697 | 16,678 | - | - | - | - | - | - | 329,375 |
| Installation of a developer-paid traffic signal at the intersection of Serfas Club Drive and Rancho Corona Road. | MEASA | 227 | 70270 | 72,265 | 56,139 | - | - | - | - | - | - | 128,404 |
| Citywide Traffic Signals | STSIG | 211 | 70630 | 468,396 | 2,638,389 | - | - | - | - | - | - | 3,106,785 |
| Construction of traffic signals listed in the Master Facility Plan as specified by Ordinance 2630. | GASTX | 222 | 70940 | 594,721 | - | 170,000 | 180,000 | 190,000 | 200,000 | 200,000 | 200,000 | 1,734,721 |
| Miscellaneous Repair and Replacement of Traffic Signals | MEASA | 227 | 70940 | 267,619 | 142,381 | - | - | - | - | - | - | 410,000 |
| Unscheduled repair/replacement of traffic signals and related facilities at various locations Citywide. Includes the repair or replacement of traffic signals, safety lights, street name signs, traffic control signs, signal poles, heads, etc.; rewiring old signals and damaged loops; and maintenance of the advance traffic management system. | SLMD | 446 | 70940 | - | 7,376 | - | - | - | - | - | - | 7,376 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|----------------|--------------|----------------|------------------------------|-----------------------------|------------------|------------|------------|------------|------------|--------------|--------------------|
| Advanced Traffic Management System (ATMS) Phase III and ATMS Master Plan Update Update the ATMS Master Plan; expand and upgrade the Advanced Traffic Management System to include Sierra del Oro, East Foothill, and other in-fill locations; and install technological and capacity upgrades system-wide. ATMS Phase III will collaborate with the Citywide inter-departmental telecommunication infrastructure. | STSIG | 211 | 71800 | - | 1,200,000 | 300,000 | - | - | - | - | - | 1,500,000 |
| Traffic Signal Emergency Vehicle Preemption System Upgrade Implementation of a Central Emergency Vehicle Preemption (EVP) Management System, and upgrade 150 field EVP devices to allow remote management. | GASTX | 222 | 71810 | - | 120,000 | - | - | - | - | - | - | 120,000 |
| Traffic Signal Installation at Auto Center Drive / Metrolink Station Installation of a new traffic signal on Auto Center Drive at the entrance to the West Corona Metrolink Station. <i>This project is fully funded by RCTC under the terms of a Reimbursement Agreement.</i> | GASTX PWGT | 222 243 | 71820 71820 | - - | 50,000 235,685 | - - | - - | - - | - - | - - | - - | 50,000 235,685 |
| Traffic Signals Lighting Upgrade Upgrade traffic signal safety lighting and Internally Illuminated Street Name Signs (IISNS) to energy efficient, long-lasting, lighting fixtures to reduce energy usage and maintain costs. Upgrades will be phased over a 3-year period. | GASTX MEASA | 222 227 | 71830 71830 | - - | 100,000 75,000 | - - | - - | - - | - - | - - | - - | 100,000 75,000 |
| Traffic Signal Maintenance Facility Construction of a traffic signal maintenance facility on the southwest corner of W. Grand and Bollero Road for the storage of traffic signal poles, arms, heads, cabinets, and other traffic-related parts and equipment. | STSIG MEASA | 211 227 | 71840 71840 | - - | 230,000 - | - 30,000 | - - | - - | - - | - - | - - | 230,000 30,000 |
| Traffic Signal at Green River Road / Montana Ranch Road Installation of a new traffic signal on Green River Road at Montana Ranch Road. <i>This project is fully funded by Developer Impact Fees.</i> | STSIG MEASA | 211 227 | 72110 72110 | 25,676 - | 399,324 - | 50,000 10,000 | - - | - - | - - | - - | - - | 475,000 10,000 |

Program Name: Streets and Storm Drains

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|---------------|--------------|--------------|--------------|------------|--------------|--------------------|
| Traffic Signal Installation at Ontario Avenue / State Street Installation of a new traffic signal at Ontario Avenue and State Street. <i>This is a Master Planned signal, and funded by Developer Impact Fees.</i> | STSIG | 211 | 72140 | - | 75,000 | - | - | - | - | - | - | 75,000 |
| Citywide Traffic Signs Traffic signs required for public roadways citywide. | GASTX | 222 | 72160 | 2,673 | 12,327 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 105,000 |
| Changeable Traffic Message Sign Replacement Replacement of four obsolete traffic message sign trailers. | MEASA | 227 | 72220 | - | 25,000 | 25,000 | - | - | - | - | - | 50,000 |
| Dos Lagos Traffic Signal Improvements The project will replace and improve the traffic signal indicators, battery backup system, video detection system, and traffic monitoring cameras. | LMD 2003-1 | 252 | 72710 | - | - | 415,000 | - | - | - | - | - | 415,000 |
| Traffic Signals Total | | | | \$ 1,744,047 | \$ 5,383,299 | \$ 1,015,000 | \$ 195,000 | \$ 205,000 | \$ 215,000 | \$ 215,000 | \$ 215,000 | \$ 9,187,345 |
| STREETS AND STORM DRAINS TOTAL | | | | \$ 156,719,864 | \$ 95,502,093 | \$ 13,881,757 | \$ 6,692,500 | \$ 4,402,500 | \$ 3,700,000 | \$ 690,000 | \$ 1,202,500 | \$ 282,791,215 |

Program Name: Water

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost | |
|---|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|---------|
| Program Category: Reclaimed Water - General Safety, Maintenance and Other Improvements | | | | | | | | | | | | |
| Adjacent Irrigation Conversion This project will convert 139.9 gpm (225 AFY) of potable water demand for irrigation to reclaimed water demand by adding small irrigated areas one at a time throughout the system by adding new laterals and meters as necessary to capture irrigation demand adjacent to existing distribution pipelines Investigate the possibility of converting other CII demands (e.g. cooling water replenishment, industrial process water, industrial cleaning, dual-plumbing). | RECYC | 567 | - | - | - | 133,800 | 133,800 | 133,800 | 133,800 | 133,800 | 669,000 | |
| Irrigation Monitoring System The bulk of irrigation demand is controlled by the City and the school district. All supply is controlled by the City. There is an opportunity to improve system performance during high demand periods by adjusting irrigation demand patterns through coordination between operations, engineering, and landscaping maintenance. This project will facilitate the coordination effort and enhance system performance. | RECYC | 567 | - | - | - | 50,000 | - | - | - | - | 50,000 | |
| Reclaimed Water - General Safety, Maint. and Other Improv. Total | | | | | | | | | | | | |
| | | | \$ | - \$ | - \$ | - \$ | 183,800 \$ | 133,800 \$ | 133,800 \$ | 133,800 \$ | 133,800 \$ | 719,000 |

Program Category: Reclaimed Water - Pipelines Rehabilitation

| | | | | | | | | | | | | |
|---|-------|-----|-------|------|------|------------|------|------|------|------|---------|---------|
| Alcoa Reclaimed Water Effluent Relocation and Pipe Removal Alcoa Dike Water Reclamation Non-Compensable Utilities Relocation, Protection, Removal, and Abandonment to include relocating a 24-inch ductile iron pipe in a new steel casing. The 24-inch steel WRF1 effluent pipe will be delivering reclaimed water from WRF1 to the Cota Ponds, and removing/abandoning inactive steel WRF1 effluent piping to old airport ponds. Work will be designed and constructed by Orange County Public Works with City reimbursement. | RECYC | 567 | 72720 | - | - | 600,000 | - | - | - | - | 600,000 | |
| Reclaimed Water - Pipelines Rehabilitation Total | | | | | | | | | | | | |
| | | | \$ | - \$ | - \$ | 600,000 \$ | - \$ | - \$ | - \$ | - \$ | - \$ | 600,000 |

Program Name: Water

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost | |
|--|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|--------------|
| Program Category: Reclaimed Water - Pump Stations | | | | | | | | | | | | |
| Border Booster Station Pump Replacement Replace a high pressure booster pump at Border Booster Station that has exceeded life span. | RECYC | 567 | 72740 | - | - | 200,000 | - | - | - | - | 200,000 | |
| Chase Booster Pump Station This project will complete the primary loop between WRF1 and the 1380 Zone. This project will provide redundancy in conjunction with the Border Facility for serving large demands in the south. Construction of a booster pump station adjacent to future Chase Tank. Install 1,600 feet of new 12-inch pipe along Chase and California. | RECYC | 567 | | - | - | - | - | 400,000 | 2,600,000 | - | 3,000,000 | |
| Reclaimed Water - Pump Stations Total | | | | \$ - | \$ - | \$ 200,000 | \$ - | \$ - | \$ 400,000 | \$ 2,600,000 | \$ - | \$ 3,200,000 |

| | | | | | | | | | | | |
|--|-------|-----|--|------|------|------|------------|--------------|------|------|--------------|
| Program Category: Reclaimed Water - Quality, Supply and Storage | | | | | | | | | | | |
| Chase Tank The tank will provide operational storage, equalization and redundancy in the 1008.5 Zone in conjunction with the Border Facility. The tank will serve as a forebay for the future Chase Booster Pump Station. | RECYC | 567 | | - | - | - | 500,000 | 5,500,000 | - | - | 6,000,000 |
| Reclaimed Water - Supply and Storage Total | | | | \$ - | \$ - | \$ - | \$ 500,000 | \$ 5,500,000 | \$ - | \$ - | \$ 6,000,000 |

| | | | | | | | | | | | |
|---|-------|-----|-------|---------|--------|---|-----------|---------|---|---|-----------|
| Program Category: Reclaimed Water - Transmission and Distribution Pipelines | | | | | | | | | | | |
| Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline Construction of a new line. 5,133 linear feet of 20" DIP from WRCRWA plant, across bridge and tie into existing line at Bluff Street. | RECYC | 567 | 69710 | 100,457 | 83,371 | - | 997,860 | - | - | - | 1,181,688 |
| | WTRUG | 571 | 69710 | 33,457 | 36,879 | - | 798,461 | - | - | - | 868,798 |
| | WTRUG | 571 | 69711 | 33,597 | 25,648 | - | 1,397,522 | - | - | - | 1,456,767 |
| Old Temescal Road Reclaimed Waterline Construct 8" line for 4400'. Fullerton & Old Temescal easterly to Compton. | RECYC | 567 | 70370 | 82,597 | 69,117 | - | - | 948,250 | - | - | 1,099,964 |
| | RECYC | 567 | 70379 | 303 | - | - | - | - | - | - | 303 |
| | WTRUG | 571 | 70370 | 20,058 | 23,118 | - | - | 982,750 | - | - | 1,025,926 |

Program Name: Water

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|--------------|---------------|------------|------------|--------------|--------------------|
| Lincoln Avenue Reclaimed Waterline - Railroad to SR-91 | RECYC | 567 | 71500 | 49,773 | 101,982 | - | - | - | - | - | - | 151,756 |
| | RECYC | 567 | 71509 | 162 | - | - | - | - | - | - | - | 162 |
| Construct 2,500 LF of 8" DIP reclaimed waterline in Lincoln Avenue from Railroad to SR-91. | WTRUG | 571 | 71500 | 13,529 | 34,119 | - | - | - | - | - | - | 47,649 |
| River Road Reclaimed Waterline - Corydon to Lincoln | RECYC | 567 | 71860 | 3,652 | - | - | - | - | - | - | - | 3,652 |
| Construct 7,800 LF of 8" DIP reclaimed waterline in River Road from Corydon to Lincoln. | WTRUG | 571 | 71860 | - | 50,000 | - | - | - | - | - | - | 50,000 |
| Western Riverside County Regional Waste Water Authority (WRCRWA) Flow Control Improvements | RECYC | 567 | 72760 | - | - | 150,000 | 1,050,000 | - | - | - | - | 1,200,000 |
| This project will complete the transmission system loop between WRCRWA Plant and the WRF1 Tank. A PRV will be installed at Butterfield to reduce the pressure in the 833 Subzone and discharge supply from WRCRWA to the WRF1 Tank. A flow control station will be installed to allow WCRWA flow bypass the WRF1 BPS-Ponds directly to the WRF1 Tank. | | | | | | | | | | | | |
| Rimpau California Pipeline | RECYC | 567 | | - | - | - | 1,000,000 | 10,798,000 | - | - | - | 11,798,000 |
| This project will form the primary loop between WRF1 and the 1380 Zone. This project will convert 75.5 gpm (121.7 AFY) of potable water demand for irrigation to reclaimed water demand. Investigate the possibility of converting other CII demands (e.g. cooling water replenishment, industrial process water, industrial cleaning, dual-plumbing). | | | | | | | | | | | | |
| Reclaimed Water - Transmission and Distribution Pipelines Total | | | | \$ 337,585 | \$ 424,235 | \$ 150,000 | \$ 5,243,843 | \$ 12,729,000 | \$ - | \$ - | \$ - | \$ 18,884,664 |

Program Category: Water - General Safety, Maintenance and Other Improvements

| | | | | | | | | | | | | |
|--|-------|-----|-------|-----------|---------|---|-----------|---|---|---|---|-----------|
| Emergency Generators | WTRCR | 517 | 65310 | 384 | - | - | - | - | - | - | - | 384 |
| Emergency back-up generators and permanent installation for critical DWP facilities. | WTRUF | 570 | 65310 | 164,759 | 660,241 | - | 500,000 | - | - | - | - | 1,325,000 |
| | ELECU | 578 | 65310 | 2,473,216 | - | - | - | - | - | - | - | 2,473,216 |
| Temescal Valley Water District Service Boundary Adjustment | WTRUF | 570 | 65630 | - | - | - | 1,000,000 | - | - | - | - | 1,000,000 |
| Construct three, six-inch PRV stations and relocate approximately 20 services in order to transfer Temescal Canyon area to LLWD water service. | | | | | | | | | | | | |

Program Name: Water

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|--------------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Lester Inlet Valve Relocation Relocate valve onto property into an open vault with staircase powered by plant generation. | WTRUF | 570 | 68170 | 9,381 | - | - | - | - | 351,619 | - | - | 361,000 |
| Lester Post Disinfection Station Relocate post disinfection injection point onto 30" filter effluent line between filters and Contact Chlorine Basin. Install two injectors. | WTRUF | 570 | 68180 | 11,771 | - | - | 280,000 | - | - | - | - | 291,771 |
| Enterprise Asset Management (EAM) Program Asset Management program for all DWP facilities. | WTRUF | 570 | 68660 | 979,616 | 370,384 | - | - | - | - | - | - | 1,350,000 |
| | WRUF | 572 | 68660 | 497,141 | 552,859 | - | - | - | - | - | - | 1,050,000 |
| | ELECU | 578 | 68660 | 181,515 | 168,485 | - | - | - | - | - | - | 350,000 |
| SDO TP - CO2 Injection System Provides for better PH control to enhance coagulation properties of chemicals. | WTRUF | 570 | 69750 | 333,730 | 66,270 | - | - | - | - | - | - | 400,000 |
| Residential Turf Removal Rebate Project Provide additional funding for the Turf Removal Rebate Project to incentivize residents to remove ornamental turf. | WTRUF | 570 | 69980 | 858,313 | 1,021,687 | - | - | - | - | - | - | 1,880,000 |
| Rincon Bridge Construction of 110' long, 20' wide Baily-style pre-fabricated bridge over the Oak Channel at Rincon Street. | WTRUF | 570 | 70380 | 17,387 | 15,613 | - | - | - | - | - | - | 33,000 |
| | WRUF | 572 | 70380 | 26,880 | 606,120 | - | - | - | - | - | - | 633,000 |
| | ELECU | 578 | 70380 | 16,959 | 16,041 | - | - | - | - | - | - | 33,000 |
| City Park Basketball and Volleyball Court Relocation Construct basketball courts, volleyball courts, lighting, and landscape in City Park to replace basketball court removed by the Ion Exchange Project. | PKSOS | 217 | 71610 | 20,885 | 99,115 | - | - | - | - | - | - | 120,000 |
| | WTRUF | 570 | 71610 | 689,104 | 200,648 | - | - | - | - | - | - | 889,752 |
| Meter Replacement Meter replacement. Replace 10% of existing meters per year. | WTRUF | 570 | 71870 | 1,083,818 | 733,182 | 156,000 | 900,000 | 900,000 | 900,000 | - | 2,250,000 | 6,923,000 |
| Water Systems Improvement Project Replace Cutler Hammer Variable Frequency Drives (VFDs) which have exhausted their useful life. Replace with the current department standard Allen Bradley VFDs. Project will include six VFDs at the Temescal Desalter Facility and seven VFDs at various well sites throughout the system. | WTRUF | 570 | 71890 | 168,053 | 131,947 | 10,000 | - | - | - | - | - | 310,000 |

Program Name: Water

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|--------------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Alcoa Dike Administration | WTRUF | 570 | 72050 | 173 | - | 50,000 | - | - | - | - | - | 50,173 |
| Project will be designed and constructed by the Orange County Flood Control Division. The City of Corona will pay its own share of the project. | WTRUG | 571 | 72051 | 9,915 | - | - | - | - | - | - | - | 9,915 |
| | WTRUG | 571 | 72053 | 1,816 | - | - | - | - | - | - | - | 1,816 |
| Development Meters | WTRUF | 570 | 72310 | 106,813 | 263,187 | 131,250 | 506,974 | - | - | - | - | 1,008,224 |
| Water and Electric Meters to be acquired and installed for new development projects. FY 2018/19 water meters 1,034 and 150 electric meters. | ELECU | 578 | 72310 | 24,500 | 58,000 | - | - | - | - | - | - | 82,500 |
| | | | | | | | | | | | | |
| R-3 Potable Tank Pavement Repair | WTRUF | 570 | 72470 | - | 75,000 | - | - | - | - | - | - | 75,000 |
| Removal of failed asphalt concrete pavement, soil excavation to an estimated depth of twenty feet to the drain line, inspection of the drain line to find the damaged pipe, replacement of damaged drain pipe, removal of soil and rock debris from the drain line, placement of compacted fill to pavement base, placement of road base, and paving to finish grade, followed by grinding and overlaying with new asphalt concrete on the paved road around the entire tank to establish positive drainage away from the tank. | | | | | | | | | | | | |
| Business Process Management | RECYC | 567 | 72750 | - | - | 8,250 | - | - | - | - | - | 8,250 |
| The City of Corona is looking to hire a consultant to use the Six Sigma DMAIC approach of making organization more effective and efficient. This is done through the following methodology steps: Business Process Mapping; Business Process Improvement, Optimization and/or Reengineering; Continuous Improvement. Through Business Process Mapping the consultant would work one-on-one with various function areas and individuals at the City of Corona to outline strategy, map processes, gather requirements and KPIs, validate finds and identify process improvement opportunity. | WTRUF | 570 | 72750 | - | - | 151,250 | - | - | - | - | - | 151,250 |
| | WRUF | 572 | 72750 | - | - | 85,250 | - | - | - | - | - | 85,250 |
| | ELECU | 578 | 72750 | - | - | 30,250 | - | - | - | - | - | 30,250 |
| | | | | | | | | | | | | |
| SDO Treatment Plant Landscape Repair | WTRUF | 570 | 72800 | - | - | 70,000 | - | - | - | - | - | 70,000 |
| Design and install new landscaping at the Sierra Del Oro (SDO) Water Treatment Plant due to damage caused by the Canyon Fire in September 2017. | | | | | | | | | | | | |

CAPITAL IMPROVEMENT PLAN - Project Cost Listing

Program Name: Water

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|----------------------|
| Desalter Chemical Feed System | WTRCR | 517 | 84310 | 65,622 | - | - | - | - | - | - | - | 65,622 |
| Install a polyphosphate and Y2K chemical system. | WTRUF | 570 | 84310 | 28,341 | - | - | - | - | 300,000 | 192,144 | - | 520,485 |
| Water Master Plan Project S-4. Design and install 2,500 gallon antiscalant chemical tank in containment. Design and install 2,500 gallon polyphosphate chemical storage tank in containment. Install chemical feed system in containment. | | | | | | | | | | | | |
| Lester Backwash Basin | WTRUF | 570 | | - | - | - | - | - | - | - | 100,000 | 100,000 |
| Construct perimeter CMU wall and perimeter post and cable railing on top of perimeter CMU wall. Install light pole at south-west side of the basin. Construct backwash basin relining by applying 2 1/2" thick gunite lining to backwash basin bottom slab and sloped side walls. | | | | | | | | | | | | |
| Water - General Safety, Maintenance and Other Improvements Total | | | | \$ 7,770,091 | \$ 5,038,780 | \$ 692,250 | \$ 3,186,974 | \$ 900,000 | \$ 1,551,619 | \$ 192,144 | \$ 2,350,000 | \$ 21,681,858 |

Program Category: Water - Pump Stations

| | | | | | | | | | | | | |
|--|-------|-----|-------|---------|-----------|---|-----------|-----------|---------|---|---|-----------|
| SR-91 DWP Facility Relocations | WTRUF | 570 | 62840 | - | 1,521,622 | - | - | - | - | - | - | 1,521,622 |
| Agreement with RCTC for the relocation and replacement of certain water facilities adjacent to and crossing the 91 freeway, including the relocation of Well 24. | | | | | | | | | | | | |
| Well 14A | WTRUF | 570 | 68260 | 36,639 | - | - | 400,000 | 2,471,373 | - | - | - | 2,908,012 |
| Drilling and equip Well 14A to replace Well 14 at Corona High School. | | | | | | | | | | | | |
| Well 15 Relocation | WTRUF | 570 | 68270 | 11,332 | 777,336 | - | 2,206,705 | - | - | - | - | 2,995,373 |
| Relocate Well 15 North of SR91, West of Lincoln, due to SR91 project. | | | | | | | | | | | | |
| Repipe Well 22 | WTRUF | 570 | 68280 | 38,105 | 7,903 | - | - | 100,000 | 678,992 | - | - | 825,000 |
| Repipe well 22 discharge piping and relocate common well valve inside the building. | | | | | | | | | | | | |
| Well Rehabilitation - Well 19 | WTRUF | 570 | 68680 | 415,425 | 283,943 | - | - | - | - | - | - | 699,367 |
| Rehabilitate Well #19. | | | | | | | | | | | | |

CAPITAL IMPROVEMENT PLAN - Project Cost Listing

Program Name: Water

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|------|-------------|------------------------------|-----------------------------|------------|--------------|--------------|------------|------------|--------------|--------------------|
| Home Gardens Well 33 Drilling and equipping well 33 Groundwater Production Wells in the Home Gardens Area. | WTR CAP | 507 | 70330 | 1,046,833 | 1,609,354 | - | - | - | - | - | - | 2,656,187 |
| Home Gardens Well 32 Drilling and equipping well 32 Groundwater Production Wells in the Home Gardens Area. | WTR CAP | 507 | 72060 | 1,134,645 | 564,059 | - | - | - | - | - | - | 1,698,705 |
| Sierra Bella Booster Station A 1,500 gallon-per minute pumping facility that will provide an emergency supply of water to serve new development within the Sierra Bella Specific Plan. | WTR CAP | 507 | 72400 | 268,384 | 53,215 | - | - | - | - | - | - | 321,598 |
| 1220 - Zone Booster Pump Station Construct 1220-Zone Booster Pump Station in Mabey Canyon Road in the vicinity of the ADV potable water storage tank. Remove from service and abandon the existing Mabey Canyon Booster Pump Station. | WTRUF | 570 | 72780 | - | - | 500,000 | 4,000,000 | - | - | - | - | 4,500,000 |
| Lester Zone 5 Booster Improvements Lester Zone 5 booster improvements, increase capacity. Master Plan Project B-1. | WTRUF | 570 | | - | - | - | - | - | - | - | 396,500 | 396,500 |
| Water - Pump Stations Total | | | | \$ 2,951,363 | \$ 4,817,432 | \$ 500,000 | \$ 6,606,705 | \$ 2,571,373 | \$ 678,992 | \$ - | \$ 396,500 | \$ 18,522,364 |

Program Category: Water - Supervisory Control and Data Acquisition (SCADA)

| | | | | | | | | | | | | |
|---|-------|-----|-------|--------------|------------|------------|------|------|------|------|------|--------------|
| SCADA Panel Replacement Replace 13 existing Modicon 612 PLC's with new AB controllers and IP radios. | RECYC | 567 | 69820 | 19,090 | 42,410 | - | - | - | - | - | - | 61,500 |
| | WTRUF | 570 | 69820 | 463,951 | 248,249 | 200,000 | - | - | - | - | - | 912,200 |
| | WRUF | 572 | 69820 | 347,116 | 62,884 | 100,000 | - | - | - | - | - | 510,000 |
| SCADA Backbone Licensed Radio Installation Installing licensed backbone radios for SCADA network. Project includes Federal Communications Commission (FCC) coordination and configuration, microwave equipment and labor to install 11 licensed microwave links, and site specific hardware and battery system. | RECYC | 567 | 70390 | 23,108 | 4,320 | - | - | - | - | - | - | 27,428 |
| | WTRUF | 570 | 70390 | 165,047 | 79,198 | - | - | - | - | - | - | 244,245 |
| | WRUF | 572 | 70390 | 164,690 | 79,555 | - | - | - | - | - | - | 244,245 |
| Water - Supervisory Control and Data Acquisition (SCADA) Total | | | | \$ 1,183,003 | \$ 516,616 | \$ 300,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,999,618 |

CAPITAL IMPROVEMENT PLAN - Project Cost Listing

Program Name: Water

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost | |
|--|-------------|------------------|------------------------------|-----------------------------|--------------|------------|--------------|--------------|------------|--------------|--------------------|---------------|
| Program Category: Water - Quality, Supply and Storage | | | | | | | | | | | | |
| Cota Groundwater Injection System and Treatment Facility Development of groundwater injection infrastructure for Title 22 indirect Potable Reuse. | WTR CAP | 507 | 60150 | - | 213,000 | - | - | 2,832,500 | - | - | - | 3,045,500 |
| New Reservoir R-3 The design and construction of new Master Plan Reservoir R-3. | WRRB | 453 | 66450 | 4,601,152 | - | - | - | - | - | - | - | 4,601,152 |
| | WTR CAP | 507 | 66450 | 595,607 | - | - | - | - | - | - | - | 595,607 |
| | WTRUF | 570 | 66450 | 2,016 | 47,984 | - | - | - | - | - | - | 50,000 |
| Home Gardens Ion Exchange Resin Treatment Plant Project & Well Design Purchase & drill wells and Resin Treatment. Prop 50 Round 2 awarded \$1,960,100. | WTR CAP | 507 | 68510 | 8,866,782 | 259,290 | - | - | - | - | - | - | 9,126,073 |
| | WTR CAP | 507 | 68519 | 387,773 | - | - | - | - | - | - | - | 387,773 |
| | WTRUF | 570 | 68510 | 396,020 | 79,034 | - | - | - | - | - | - | 475,054 |
| Keith Water Storage Tank 3.0 MG partially buried Type 1 pre-stressed concrete potable water storage tank to serve Zone-1220 ft located at the south east corner of Nelson Street and Keith Street. This project includes the construction of overflow drain pipe from the site to an existing 36-inch storm drain line in Masters Drive and a transmission main from the site to the existing Hayden Tank 16-inch transmission main in Duncan Way. | WTRUF | 570 | 68520 | 667,703 | 6,892,297 | 200,000 | - | - | - | - | - | 7,760,000 |
| Coldwater/ Mayhew Canyon Recharge Basins Construct recharge basins to capture storm water runoff to allow the flow to return to the aquifer. | WTR CAP | 507 | 69070 | 213,498 | 481,502 | - | 1,150,000 | 1,150,000 | - | - | - | 2,995,000 |
| 1380 - Zone Water Storage Tank Construct a 2.5MG Type 1 pre-stressed concrete potable water storage tank at a location to be determined south of Foothill Parkway. Preliminary design, property acquisition (\$250,000-FY 2019), Design (\$600,000-FY2020), Construction (\$5,000,000-FY2021) | WTR CAP | 507 | 69770 | 3,730 | - | 100,000 | 750,000 | 5,000,000 | - | - | - | 5,853,730 |
| Water - Supply and Storage Total | | | | \$ 15,734,281 | \$ 7,973,107 | \$ 300,000 | \$ 1,900,000 | \$ 8,982,500 | \$ - | \$ - | \$ - | \$ 34,889,888 |

Program Name: Water

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: Water - Transmission and Distribution Pipelines | | | | | | | | | | | |
| Mangular Blending Facility Dual-Zone potable water pump station and blending facilities at the Mangular Tank. | WRRB | 453 | 65890 | 730,952 | 6,162,643 | - | - | - | - | - | 6,893,595 |
| | WTRUF | 570 | 65890 | - | - | 4,632,504 | - | - | - | - | 4,632,504 |
| SW Quadrant Waterline Replacement - Phase I Construct 4,700 LF of 12-inch DIP water mains to replace existing 6" and 8" waterlines. | WTRUF | 570 | 66080 | 2,317,668 | 114,416 | - | 3,000,000 | - | - | - | 5,432,084 |
| SE Quadrant Waterline Replacement Construct 14,470 LF of 8-inch DIP water mains to replace existing 2", 2-1/2" and 6" waterlines in alleys. | WTRCR | 517 | 66110 | 229,003 | - | - | - | - | - | - | 229,003 |
| | WTRUF | 570 | 66110 | 5,119 | 65,877 | - | 6,925,000 | - | - | - | 6,995,997 |
| Corona Airport Waterline Construct 700 feet of 8 inch ductile iron waterline from Jenks Circle to Butterfield Drive. | RECYC | 567 | 68390 | - | 25,000 | - | - | - | - | - | 25,000 |
| | WTRUF | 570 | 68390 | 102,989 | 711,972 | - | - | - | - | - | 814,961 |
| Home Gardens Water District Well Collection Project Construct 12,000 LF of 24-inch water transmission main from Wells 32 and 33 to the Ion Exchange project and from the Ion Exchange project to the well collection system. | WTR CAP | 507 | 68420 | 5,314,287 | 1,848,871 | - | - | - | - | - | 7,163,158 |
| | WTR CAP | 507 | 68429 | 136,842 | - | - | - | - | - | - | 136,842 |
| | WTRUG | 571 | 68420 | 1,292,769 | - | - | - | - | - | - | 1,292,769 |
| Hidden Springs Road Waterline Design and construct 16" ductile iron potable in Hidden Springs, from Prairie Circle to Tejon Circle. | WTRUF | 570 | 68570 | 110,125 | 17,165 | - | - | - | - | - | 127,290 |
| Arcadia/Minnesota Waterline Replacement 1,680 LF of 8" DIP installation. | WTRUF | 570 | 69720 | 78,662 | 155,838 | 535,500 | - | - | - | - | 770,000 |
| West End Wellfield Pipeline 2,763 LF of 24" well collection transmission main and 424 LF of 12" well pipeline in Railroad Street and Garfield Street - including bore and jack under Oak Street Drain. | WTRUF | 570 | 69810 | 30,861 | 152,704 | - | - | - | - | - | 183,565 |
| Downtown Sixth Street Waterline Replacement Design and construction of approximately 4,600 LF of 8-inch ductile iron waterlines between Fifth and Seventh Streets and between Ramona Avenue and East Grand Boulevard. | WTRUF | 570 | 71560 | 108,815 | 169,185 | - | - | 2,900,000 | - | - | 3,178,000 |

Program Name: Water

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| <u>Waterline Infrastructure</u> Replacement of water pipelines, either scheduled replacements or due to emergency waterline breaks. | WTRUF | 570 | 71930 | 2,186,507 | 293,493 | 960,000 | - | - | - | - | - | 3,440,000 |
| <u>SR 91/71 Interchange Waterline</u> Relocating approximately 86 feet of 16-inch potable water pipe along Prado Road and BNSF right of way to allow for the installation of a proposed overpass pile and end anchor assembly for the SR91/71 Interchange improvement project. The waterline project includes a potable water bypass line to continue serving the Green River Area potable water while making the connections to the existing waterline. | WTRUF | 570 | 72040 | 2,570 | 16,469 | - | - | - | - | - | - | 19,039 |
| | WTRUG | 571 | 72040 | 854,439 | 1,522 | - | - | - | - | - | - | 855,961 |
| <u>Sixth Street Waterline Replacement - Grand to Rimpau</u> Replace 1,890 LF of 12" water main in Sixth Street from Grand to Rimpau to support senior housing project. | WTRUF | 570 | 72320 | 29,236 | 870,764 | - | - | - | - | - | - | 900,000 |
| <u>Sixth & Yorba Street Waterline Replacement</u> The Sixth Street and Yorba Street Waterline Replacement Project will consist of abandoning and replacing the existing 2-inch steel, 4-inch asbestos cement, and 10-inch steel water distribution pipes located in Sixth Street between Smith Avenue and Yorba Street, and in portions of Yorba Street between Sixth Street and Pleasant View Avenue. | WTRUF | 570 | 72440 | 4,732 | 245,268 | 1,000,000 | - | - | - | - | - | 1,250,000 |
| <u>Hayden Avenue and Howe Street Waterline</u> .Construction of a new 8" DIP WL from in Hayden Avenue from Nelson Street to Howe Street and in Howe Street from Hayden Avenue to an existing zone isolation valve approximately 430 feet south of Hayden Avenue | WTRUF | 570 | 72490 | - | 325,000 | - | - | - | - | - | - | 325,000 |

CAPITAL IMPROVEMENT PLAN - Project Cost Listing

Program Name: Water

| Project Name and Description | Fund Source | Fund No. | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|----------|-------------|------------------------------|-----------------------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------------|
| <u>Northeast Grand Blvd. Quadrant Waterline Replacement</u> Replace existing water services and aging small diameter water lines from rear alleys to fronting streets. Water Master Plan Project P-20. | WTRUF | 570 | | - | - | - | - | - | - | - | 2,379,000 | 2,379,000 |
| Water - Transmission and Distribution Pipelines Total | | | | \$ 13,535,576 | \$ 11,176,188 | \$ 7,128,004 | \$ 3,000,000 | \$ 9,825,000 | \$ - | \$ - | 2,379,000 | \$ 47,043,768 |
| WATER TOTAL | | | | \$ 41,511,899 | \$ 29,946,357 | \$ 9,870,254 | \$ 20,121,322 | \$ 35,641,673 | \$ 8,264,411 | \$ 2,925,944 | \$ 5,259,300 | \$ 153,541,159 |

Program Name: Water Reclamation

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost | | | |
|---|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|---------|----|-----------|
| Program Category: General Safety, Maintenance and Other Improvements | | | | | | | | | | | | | | |
| Water Reclamation Facility #1 Improvements - Canopies, Digester Gas Piping, Analyzer Control Building Gas piping has been completed. Install canopies over the chemical storage tank to provide sun protection for chemicals. Construct Analyzer Control Building for testing of samples. Building will minimize exterior elements impacting samples. | WRUF | 572 | 68730 | 320,731 | 379,269 | - | - | - | - | - | - | 700,000 | | |
| Water Reclamation Facilities (WRF) Lighting Upgrades Upgrade exterior lighting at Water Reclamation facilities 1 and 2 with energy efficient and cost-saving lighting. Will also include some engineering costs to ensure appropriate light installation. \$15,000 Engineering, \$30,000 WRF #2, \$55,000 WRF #1 | WRUF | 572 | 69830 | 17,499 | 82,501 | - | - | - | - | - | - | 100,000 | | |
| WRF No. 1 Communications Tower The project consists of design and construction of a 90-foot self-supporting tower and associated waveguide bridge and antenna supports, including the foundations for the tower and waveguide bridge support. The purpose of the tower is to provide reliable pathways of telecommunications between Water Reclamation Facility No. 1 (WRF1) with Temescal Desalter and Sierra Del Oro Water Treatment facilities towers. | WTRUF | 570 | 72420 | 800 | 99,200 | - | - | - | - | - | - | 100,000 | | |
| | WRUF | 572 | 72420 | - | 100,000 | - | - | - | - | - | - | 100,000 | | |
| General Safety, Maintenance and Other Improvements Total | | | | | | | | | | | | | | |
| | | | \$ | 339,030 | \$ | 660,970 | \$ | - | \$ | - | \$ | - | \$ | 1,000,000 |

Program Name: Water Reclamation

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|--------------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| Program Category: Pipelines Rehabilitation | | | | | | | | | | | | |
| Arantine Hills - Force Main 13,100 LF of 2, parallel 12" HDPE sewer force mains located on "A" Street within Arantine Hills Development (2,700 ft), On Bedford Canyon Road and Foothill Parkway between Georgetown Dr. and State St (7,600 ft), and on Foothill Parkway and Chase Drive between State Street and California Avenue (2,800 ft). | WRUF | 572 | 71580 | 2,351,789 | 3,620,123 | - | - | - | - | - | - | 5,971,912 |
| Pipelines Rehabilitation Total | | | | \$ 2,351,789 | \$ 3,620,123 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,971,912 |

Program Category: Pump Stations and Lift Stations

| | | | | | | | | | | | | |
|---|------|-----|-------|-----------|-----------|---------|---------|-----------|---|---|-----------|-----------|
| Sierra Del Oro Lift Station and Pipelines 1.7 MGD ADWF Wet Well/Dry Well Sewer Lift Station with 2600 LF of 12" gravity sewer, 1500 LF of 12" DIP force main. | WRUF | 572 | 68710 | 19,225 | 260,775 | - | 500,000 | 5,000,000 | - | - | 3,497,200 | 9,277,200 |
| Water Reclamation Facility #3 Decommissioning - Lift Station 1.2 MGD ADWF Wet Well/Dry Well Sewer Lift Station located by WRF#3 on Temescal Canyon South of Cajalco Road. | WRUF | 572 | 69880 | 197,037 | 4,306,477 | 325,000 | - | - | - | - | - | 4,828,514 |
| Arantine Hills Sewer Lift Station 1.7 MGD ADWF Wet Well/Dry Well Sewer Lift Station located in the southeast corner of Arantine Hills Development near I-15. | WRUF | 572 | 71590 | 3,447,811 | 2,741,070 | - | - | - | - | - | - | 6,188,881 |
| Airport Lift Station Replacement The replacement facility should be a 120 gpm duplex wet well/dry well facility, incorporating features discussed in Section 7.3 of this report. Master Plan Project LS-11. | WRUF | 572 | | - | - | - | - | - | - | - | 2,266,000 | 2,266,000 |

Program Name: Water Reclamation

| Project Name and Description | Fund Source | Project Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|---|-------------|--------------|-------------|------------------------------|-----------------------------|------------|------------|--------------|------------|------------|--------------|--------------------|
| Stagecoach Lift Station & Force Main Replacement The replacement facility should be a 120 gpm duplex wet well/dry well lift station incorporating features discussed in Section 7.3 of this report. Master Plan Project LS-9. | WRUF | 572 | | - | - | - | - | - | - | - | 2,492,500 | 2,492,500 |
| Pump Stations and Lift Stations Total | | | | \$ 3,664,074 | \$ 7,308,321 | \$ 325,000 | \$ 500,000 | \$ 5,000,000 | \$ - | \$ - | \$ 8,255,700 | \$ 25,053,095 |

Program Category: Sewer Main Rehabilitation

| | | | | | | | | | | | | |
|--|----------------|------------|----------------|------------|-------------------|---------|---------|--------|--------|--------|-----------|-------------------|
| Research/Railroad Waterline Replacement Replace 2,100 linear feet of deficient sewer lines. | WRUF | 572 | 68400 | 11,543 | - | 50,000 | 500,000 | - | - | - | - | 561,543 |
| California Avenue Sewer Improvement 8,500 LF of 15" VCP sewer and 250 LF 15" HDPE sewer on California Avenue between Chase Drive and Pico Street. | WRUF | 572 | 69860 | 314,426 | 7,403,653 | - | - | - | - | - | - | 7,718,079 |
| Sewer Line Infrastructure Replacement of sewer lines, either scheduled replacements or due to emergency sewer line breaks. | WRUF | 572 | 71950 | 752,002 | 386,712 | 200,000 | - | - | - | - | - | 1,338,714 |
| Wardlow Road Sewer Relocation Project Replace an existing 18-inch gravity sewer main that crosses State Route 91 approximately 2,900 feet west of the Serfas Club Drive on-and off-ramps. | WRUF | 572 | 72020 | 62,820 | 949,016 | 60,000 | - | - | - | - | - | 1,071,836 |
| Bedford Canyon Road Waterline The Bedford Canyon Road Waterline Project will construct approximately 3,300 feet of 12-inch ductile iron water pipeline within Bedford Canyon Road. | WRUF | 507 | 72390 | 692,882 | 294,793 | - | - | - | - | - | - | 987,675 |
| Santa Ana River Trail Sewer Extension Relocate the existing City-owned cathodic protection equipment, and concrete encase existing waterline and sewer pipe located within the Prado Dam. Replace an existing public sewer manhole, and install a sewer stub and line extension. | RECYC WRUFG | 567 573 | 72460 72460 | - 3,750 | 21,000 316,250 | - - | - - | - - | - - | - - | - - | 21,000 320,000 |
| Coronita Sewer Main Upgrade sewer in Auto Center Dr. from Frontage to Research, west on Research to Project P-6. Master Plan Project P-31. | WRUF | 572 | | - | - | - | - | - | - | - | 2,447,000 | 2,447,000 |

CAPITAL IMPROVEMENT PLAN - Project Cost Listing

Program Name: Water Reclamation

| Project Name and Description | Fund Source | Fund | Project No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------|-------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|--------------|--------------------|
| El Cerrito Sewer Main Installation of new sewer main in the unincorporated area of El Cerrito. Master Plan Project P-30. | WRUF | 572 | | - | - | - | - | - | - | - | 5,302,000 | 5,302,000 |
| Smith Sewer Main Replacement Replace approximately 5,795' of 8" and 10" pipe with 15" pipe on Smith Ave. Project P-10. | WRUF | 572 | | - | - | - | - | - | - | - | 2,266,000 | 2,266,000 |
| Sewer Main Rehabilitation Total | | | | \$ 1,837,424 | \$ 9,371,424 | \$ 310,000 | \$ 500,000 | \$ - | \$ - | \$ - | 10,015,000 | \$ 22,033,848 |

Program Category: Treatment

| | | | | | | | | | | | | |
|--|---------|-----|-------|--------------|--------------|------------|------|------|------|------|------|--------------|
| Water Reclamation Facility #1B Energy Efficiency Upgrades Primary clarifiers, aeration optimization, digesters. | WR CAP | 440 | 60140 | 16,552 | - | - | - | - | - | - | - | 16,552 |
| | WRWTRBD | 454 | 60140 | 355,795 | 636,200 | 222,698 | - | - | - | - | - | 1,214,693 |
| | WRUF | 572 | 60140 | 25,272 | 474,728 | - | - | - | - | - | - | 500,000 |
| Water Reclamation Facility #1 Centrifuge Centrifuge facility to replace the current belt press. | WR CAP | 454 | 62610 | 365,602 | 626,523 | - | - | - | - | - | - | 992,125 |
| | SEWCR | 474 | 62610 | 33,300 | - | - | - | - | - | - | - | 33,300 |
| | WRUF | 572 | 62610 | 20,000 | 459,125 | - | - | - | - | - | - | 479,125 |
| Water Reclamation Facility #1 Biosolids Processing Upgrade Sludge tank and sludge screening project. Demolishing/removing existing sludge blender tank and modify chlorine contact tank CCT. | WRWTRBD | 454 | 68310 | 399,082 | 764,075 | - | - | - | - | - | - | 1,163,157 |
| | WRUF | 572 | 68310 | 68,913 | 517,930 | - | - | - | - | - | - | 586,843 |
| Water Reclamation Facility #1 Secondary Clarifier Replacement of flight and chains, sprockets for WRF1 primary and secondary clarifiers. | WRUF | 572 | 69840 | 528,178 | 171,823 | - | - | - | - | - | - | 700,000 |
| Water Reclamation Facility #3 Decommissioning - Force Main 4,350 LF of 2, parallel 12" HDPE sewer force main located on Temescal Canyon Road and on Cajalco Road and within an existing vacant parcel owned by RCTC, between the existing WRF#3 Facility and the proposed Arantine Hills Lift Station. | WRUF | 572 | 69870 | 1,352,781 | 1,877,219 | 700,000 | - | - | - | - | - | 3,930,000 |
| Treatment Total | | | | \$ 3,165,475 | \$ 5,527,623 | \$ 922,698 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 9,615,796 |

WATER RECLAMATION TOTAL \$ 11,357,792 \$ 26,488,461 \$ 1,557,698 \$ 1,000,000 \$ 5,000,000 \$ - \$ - \$ 18,270,700 \$ 63,674,652

Program Name: **Unfunded CIP Projects**

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|----------------|--------------------|
| Program Category: Unfunded Bridges, Railroads and Freeways | | | | | | | | | | | |
| McKinley Grade Separation Construction of a new bridge over the BNSF Railroad tracks at McKinley to eliminate the current at-grade crossing. <i>Current funding for this project is in the Streets and Storm Drains Section.</i> | | 69370 | - | - | - | - | - | - | - | 35,100,000 | 35,100,000 |
| Cajalco / I-15 Interchange Improvements Widen Cajalco Road from two to six lanes from Temescal Canyon Road to Bedford Canyon Road and reconstruct the existing interchange on Interstate 15 (I-15) at Cajalco Road to accommodate current and future traffic demands. The new six-lane bridge and all ramps will be widened and realigned. <i>Current funding for this project is in the Streets and Storm Drains Section.</i> | | 69500 | - | - | - | - | - | - | - | 77,000,000 | 77,000,000 |
| Unfunded Bridges, Railroads and Freeways Total | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 112,100,000 | \$ 112,100,000 |

Program Category: Unfunded City Facility Improvements and Upgrades

| | | | | | | | | | | | |
|--|--|--|------|------|------|------|------|------|------|------------|------------|
| Historic Civic Center Community Room Install new SCE power distribution to support the increased electrical load of a new HVAC system scheduled to be installed within the next two years. | | | - | - | - | - | - | - | - | 426,000 | 426,000 |
| Unfunded City Facility Improvements and Upgrades Total | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 426,000 | \$ 426,000 |

Program Name: Unfunded CIP Projects

| Project Name and Description | Fund Source | Project Fund No. | Prior Expenses Up to 10 Yrs. | Estimated Carryover Funding | FY 2018-19 | FY 2019-20 | FY 2020-21 | FY 2021-22 | FY 2022-23 | Future Years | Total Project Cost |
|--|-------------|------------------|------------------------------|-----------------------------|------------|------------|------------|------------|------------|----------------|--------------------|
| Program Category: Unfunded Community Assets and Programmatic Projects | | | | | | | | | | | |
| Fire Equipment Acquisition Acquisition of fire equipment necessary to assist in firefighting efforts in the designated areas of the City. Current funding for this project is shown in the Facilities, Systems and Community Assets Section. | | 62900 | - | - | - | - | - | - | - | 2,260,425 | 2,260,425 |
| Unfunded Community Assets and Programmatic Projects Total | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,260,425 | \$ 2,260,425 |
| UNFUNDED CIP PROJECTS TOTAL | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 114,786,425 | \$ 114,786,425 |