



CITY OF CORONA

ADOPTED CAPITAL IMPROVEMENT PLAN FY 2021 TO FY 2025

Community
Culture
Commerce



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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

City Facilities, Systems and Community Assets

- City Facility Improvements and Upgrades
- City Systems and Controls
- Community Assets and Programmatic Projects

Streets and Storm Drains

- 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

Parks and Open Space

- 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 a comprehensive list of numerous projects. Specifically, the Fiscal Year 2021 budget recommends a total investment of \$43.0 million. The following are a handful of significant capital investments (not a comprehensive list). Other projects include funding for the Southwest Quadrant Waterline Replacement, Household Hazardous Waste Facility, West Rincon Street Improvements, SCADA Panel Replacement, Airport Facilities Capital Improvements, Lester Backwash Basin, and the Historic Civic Center Breezeway Rebuild.

CAPITAL IMPROVEMENT PLAN OVERVIEW

MANGULAR BLENDING FACILITY

Program Name Water
Program Category Transmission and Distribution Pipelines
Project Number 65890
Department Water and Power

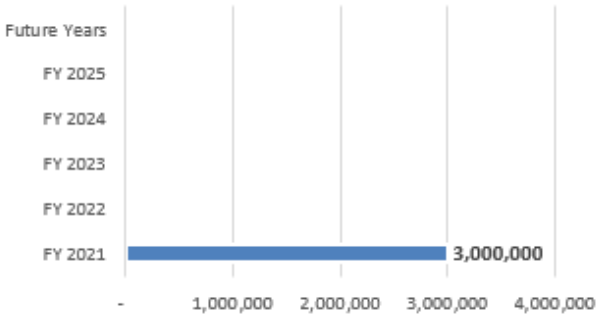


Project Description
 Dual-Zone potable water pump station and blending facilities at the Mangular Tank

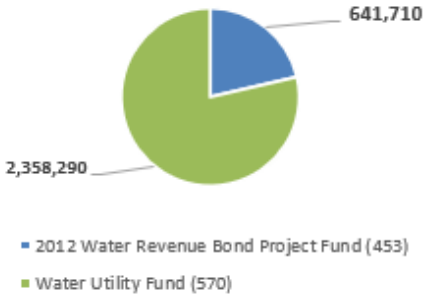
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
453	1,376,570	5,517,025	641,710	-	-	-	-	-	7,535,305
570	901	4,631,603	2,358,290	-	-	-	-	-	6,990,794
Totals	1,377,472	10,148,627	3,000,000	-	-	-	-	-	14,526,099

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

CITYWIDE ADA IMPROVEMENTS

Program Name Parks & Open Space
Program Category General Safety, Maint. & Other Impr.
Project Number 68690
Department Public Works

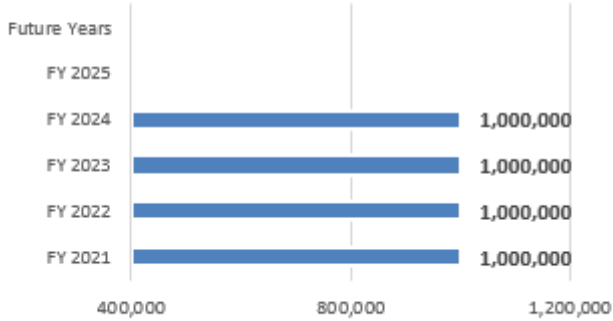


Project Description
 ADA improvements \$1M annually for 5 years:
 Year 1 Parks - Citrus, Mountain Gate, Promenade and Santana; Year 2 Parks - Auburndale, Contreras, Cresta Verde, Ontario, Ridgeline and Victoria; Year 3 Parks - Border, Brentwood, Fairview, Kellogg, Sheridan and Tehachapi; Year 4 Parks - Husted, Lincoln, Mangular, Rimpau, Serfas Club, Spyglass, Stagecoach and Village; Year 5 Parks - Buena Vista, Butterfield, Chase, City, Eagle Glen, Jameson, Parkview, River Road and Rock Vista.

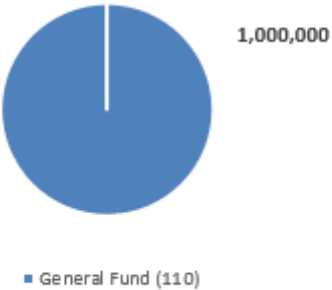
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
110	1,133,173	1,770,507	1,000,000	1,000,000	1,000,000	1,000,000	-	-	6,903,680
217	815,828	194,002	-	-	-	-	-	-	1,009,830
Totals	1,949,001	1,964,509	1,000,000	1,000,000	1,000,000	1,000,000	-	-	7,913,510

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

CITY FIRE STATION CAPITAL IMPROVEMENTS

Program Name Facilities, Systems & Community Assets
Program Category City Facility Improvements and Upgrades
Project Number 62400
Department Maintenance Services

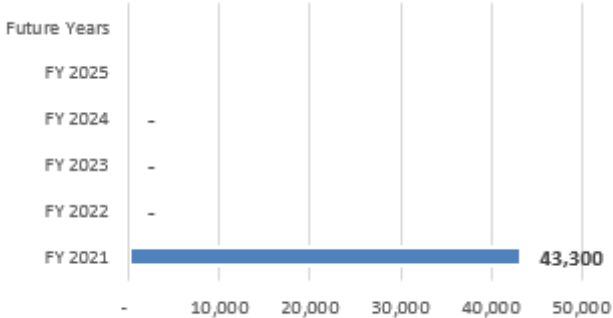


Project Description
 Main Door Replacements at Fire Station #1, #2, and #3.
 Doors currently do not seal properly.

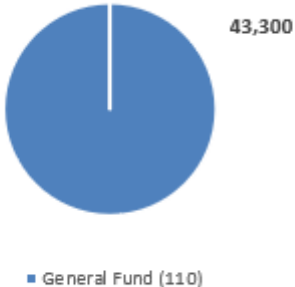
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
110	643,701	113,062	43,300	-	-	-	-	-	800,063
Totals	643,701	113,062	43,300	-	-	-	-	-	800,063

Funding, by Fiscal Year



FY 2021 Funding, by Fund




CAPITAL IMPROVEMENT PLAN OVERVIEW

LICENSE PLATE READER PROJECT

Program Name	Facilities, Systems and Community Assets
Program Category	Community Assets and Programmatic Projects
Project Number	76020
Department	Police

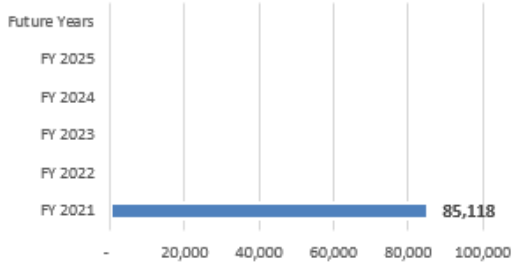
Project Description

Install approximately 20 fixed License Plate Reader Cameras in the Temescal Valley benefit area. License Plate Readers provide agencies with a way to rapidly deploy high-performance license plate recognition (LPR) for fixed strategic locations, and special events, tactical roadside checkpoints. LPRs provides officers in the field with real-time field intelligence to improve their safety and enhance the efficiency of their patrol. The devices can be mounted on vendor supplied poles or into current city owned infrastructure. Depending on the company, the cameras can be solar powered and energy efficient. LPRs identify vehicle make, model, type, and color providing law enforcement with an immediate alert of pre-designated vehicles of interest. This technology acts as a force multiplier for our agency by placing cameras in strategic locations that are less accessible due to location or traffic conditions. LPRs can capture information from all vehicles in the area that could prove essential in identifying suspects and solving crimes.

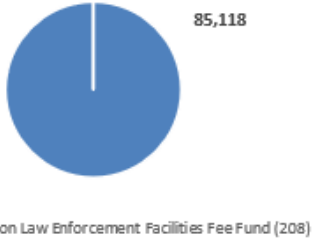


PROJECT BUDGET DETAIL									
Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
208	-	-	85,118	-	-	-	-	-	85,118
Totals	-	-	85,118	-	-	-	-	-	85,118

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

EMERGENCY OPERATIONS CENTER UPGRADE

Program Name Facilities, Systems & Community Assets
Program Category City Facility Improvements and Upgrades
Project Number 75090
Department Information Technology

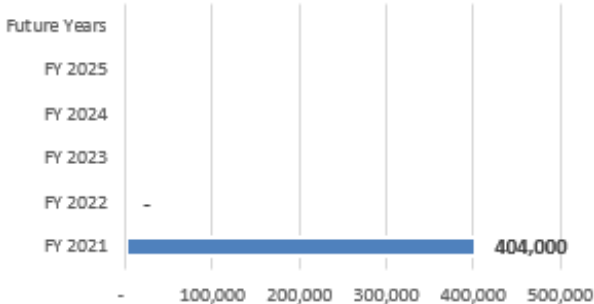


Project Description
 The Emergency Operation Center audio and video equipment located at Fire Headquarters is outdated and unable to fulfill needs of staff in an emergency. Adding equipment and broadcasting capabilities to be utilized in emergency and/or disaster situations.

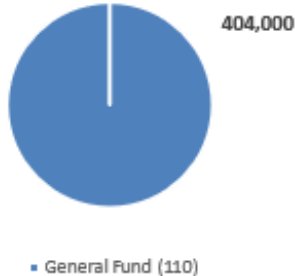
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
110	-	-	404,000	-	-	-	-	-	404,000
Totals	-	-	404,000	-	-	-	-	-	404,000

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

LIBRARY FACILITIES CAPITAL IMPROVEMENTS

Program Name Facilities, Systems and Community Assets
Program Category City Facility Improvements and Upgrades
Project Number 62950
Department Maintenance Services

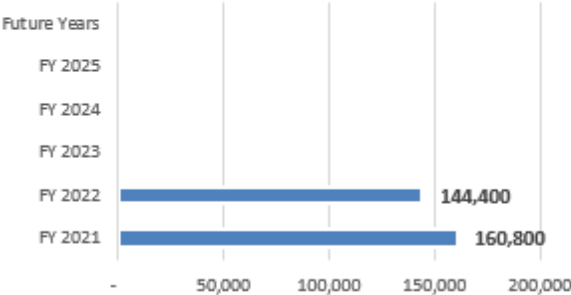


Project Description
 Reseal and Restripe Parking Lots - Resealing needs to be completed. Cost of this project will increase if preventative maintenance is deferred. As sealant wears off, asphalt is left unprotected and will sustain further damage. Replacement of Library elevators. The often. This is a safety concern. The replacement will occur over two years. The first year will address the Main Lobby elevator, while the second year will address the elevator in the Heritage Room/Gallery Area.

PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
110	122,254	249,488	160,800	144,400	-	-	-	-	676,942
Totals	122,254	249,488	160,800	144,400	-	-	-	-	676,942

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

LOCAL STREET PAVEMENT REHABILITATION

Program Name Streets & Storm Drains
Program Category Paving and Striping
Project Number 69210
Department Public Works

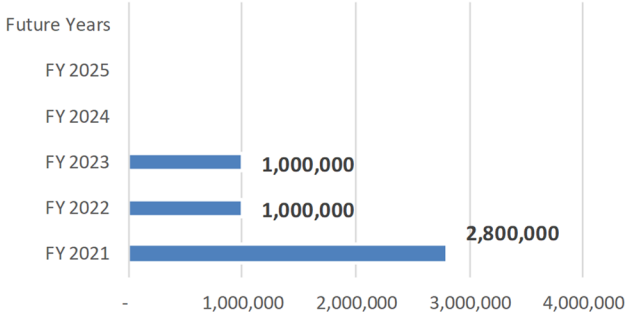


Project Description
 Pavement rehabilitation for local streets in accordance with the current Pavement Management Study. Rehabilitation may include reconstruction paving, crack sealing, slurry, etc.

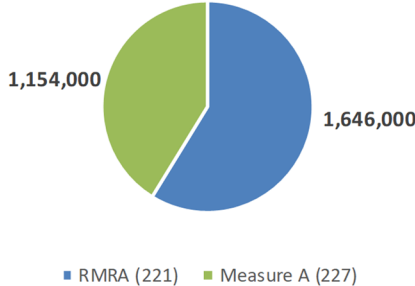
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
221	160,501	-	1,646,000	-	-	-	-	-	230,277
222	230,277	-	-	-	-	-	-	-	1,796,342
227	4,108,513	1,006,666	1,154,000	1,000,000	1,000,000	-	-	-	8,269,179
Totals	4,499,292	1,006,666	2,800,000	1,000,000	1,000,000	-	-	-	10,295,798

Funding, by Fiscal Year



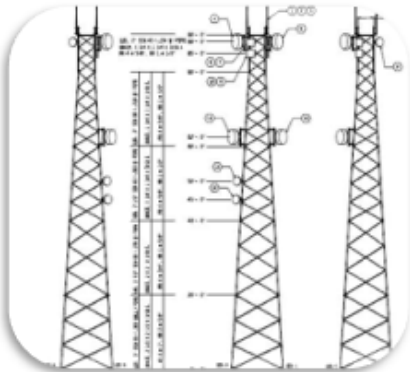
FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

WATER RECLAMATION FACILITY #3 COMMUNICATIONS TOWER

Program Name Water Reclamation
Program Category Supervisory Control and Data Acquisition (SCADA)
Project Number 77050
Department Water and Power

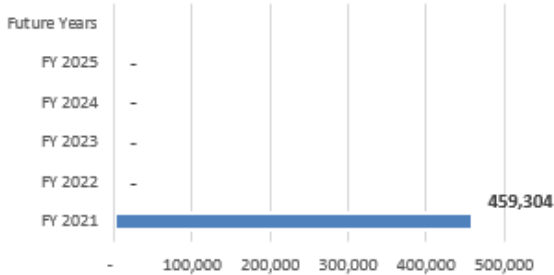


Project Description
 Installation of the 110' WRF #3 Communications Tower to be used primarily for SCADA and DWP. IT's portion to install wireless communication equipment at WRF 3. This will improve communication in the valley near Dos Lagos, which will have a direct impact to Temescal Public Safety Facility.

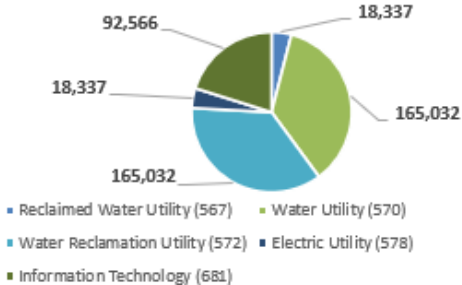
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
567	-	-	18,337	-	-	-	-	-	18,337
570	-	-	165,032	-	-	-	-	-	165,032
572	-	-	165,032	-	-	-	-	-	165,032
578	-	-	18,337	-	-	-	-	-	18,337
681	-	-	92,566	-	-	-	-	-	92,566
Totals	-	-	459,304	-	-	-	-	-	459,304

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

TRAFFIC SIGNALS LIGHTING UPGRADE


Program Name Streets and Storm Drains

Program Category Traffic Signals

Project Number 71830

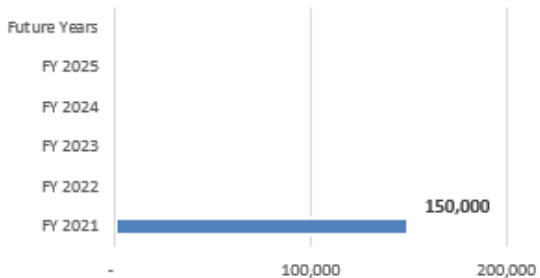
Department Public Works

Project Description
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.



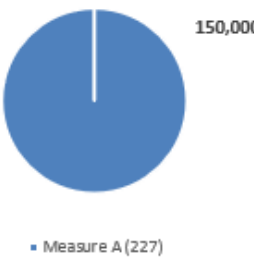
PROJECT BUDGET DETAIL									
Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
222	86,914	88,086	-	-	-	-	-	-	175,000
227	16,933	133,067	150,000	-	-	-	-	-	300,000
Totals	103,846	221,154	150,000	-	-	-	-	-	475,000

Funding, by Fiscal Year



Fiscal Year	Funding Amount
FY 2021	150,000
FY 2022	0
FY 2023	0
FY 2024	0
FY 2025	0

FY 2021 Funding, by Fund



Fund	Funding Amount
Measure A (227)	150,000

CAPITAL IMPROVEMENT PLAN OVERVIEW

WATERLINE INFRASTRUCTURE

Program Name Water
Program Category Water - Transmission and Distribution Pipelines
Project Number 71930
Department Water and Power

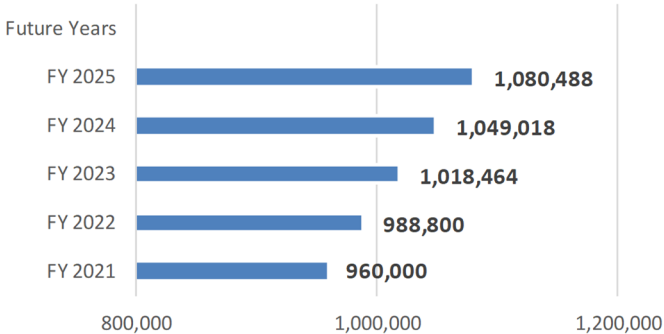


Project Description
 Replacement of water pipelines, either scheduled replacements or due to emergency waterline breaks.

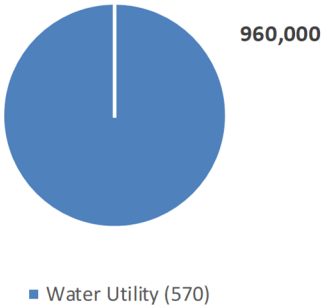
PROJECT BUDGET DETAIL

Fund Source	Prior Expenses	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
570	4,553,623	402,097	960,000	988,800	1,018,464	1,049,018	1,080,488	-	10,052,490
Totals	4,553,623	402,097	960,000	988,800	1,018,464	1,049,018	1,080,488	-	10,052,490

Funding, by Fiscal Year



FY 2021 Funding, by Fund



CAPITAL IMPROVEMENT PLAN OVERVIEW

Chart – CIP Program Funding

New CIP funding for Fiscal Year 2021 totals \$42,994,245 in the programs shown below.

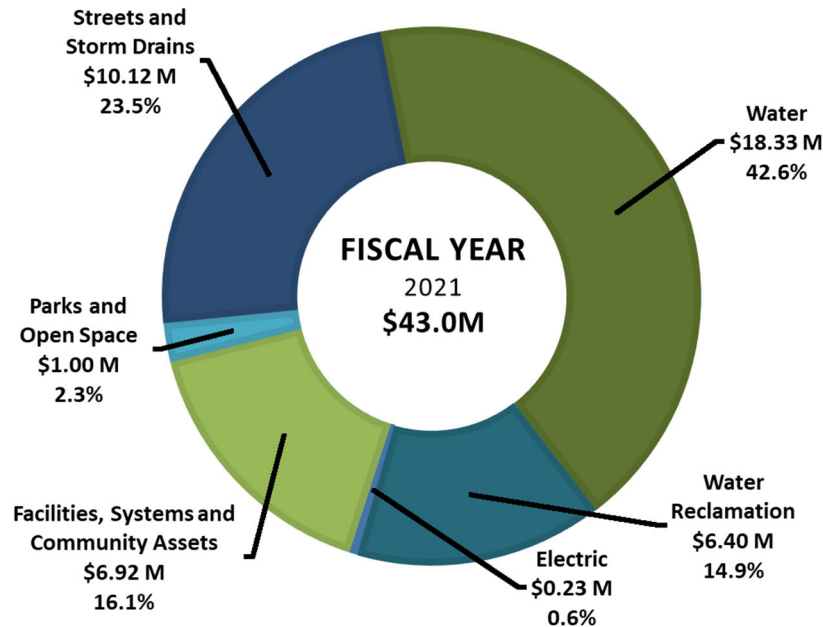
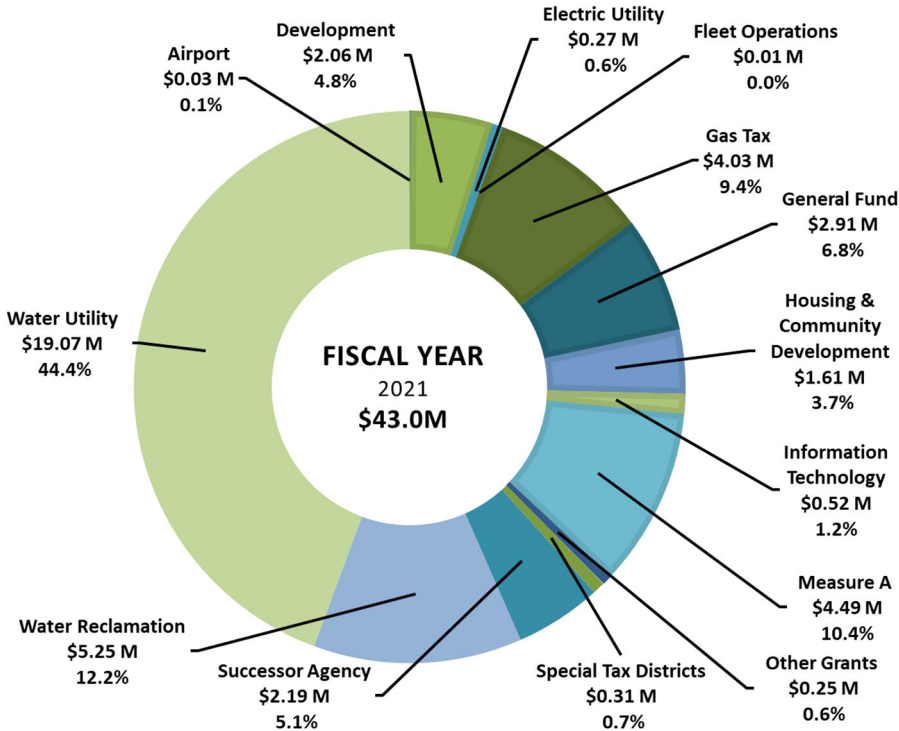


Chart – CIP Funding Sources

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 2021.





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

Program Name / Program Category	FY 2021			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026 +
	Estimated Carryover Funding	New Funding	Total Available	Five-Year Capital Improvement Plan				
Electric								
Electric Distribution Upgrades	3,738,541	225,000	3,963,541	25,750	-	-	-	-
General Safety, Maintenance and Other Improvements	328,488	-	328,488	-	-	-	-	-
Electric Total	\$ 4,067,029	\$ 225,000	\$ 4,292,029	\$ 25,750	\$ -	\$ -	\$ -	\$ -
Facilities, Systems and Community Assets								
City Facility Improvements and Upgrades	1,876,849	1,051,200	2,928,049	234,400	29,500	15,000	-	875,000
City Systems and Controls	4,706,575	393,000	5,099,575	131,000	550,000	35,000	-	985,000
Community Assets and Programmatic Projects	5,057,743	5,477,522	10,535,265	1,955,478	1,306,371	1,321,498	1,336,928	5,148,741
Facilities, Systems and Community Assets Total	\$ 11,641,167	\$ 6,921,722	\$ 18,562,889	\$ 2,320,878	\$ 1,885,871	\$ 1,371,498	\$ 1,336,928	\$ 7,008,741
Parks and Open Space								
General Safety, Maintenance and Other Improvements	7,481,476	1,000,000	8,481,476	1,160,000	1,000,000	1,000,000	-	-
Parks Paving, Courts, and Pathways	1,426,806	-	1,426,806	-	-	-	-	-
Playgrounds, Fencing, and Lighting	1,089,389	-	1,089,389	-	-	-	-	-
Parks and Open Space Total	\$ 9,997,671	\$ 1,000,000	\$ 10,997,671	\$ 1,160,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
Streets and Storm Drains								
Bridges, Railroads, and Freeways	89,572,960	250,000	89,822,960	1,700,000	4,000,000	700,000	-	-
Paving and Striping	17,843,560	6,975,000	24,818,560	2,225,000	1,475,000	-	-	655,000
Planning and Studies	295,084	10,000	305,084	50,000	10,000	10,000	-	10,000
Sidewalk, Curb and Gutters	2,959,080	1,100,000	4,059,080	600,000	-	-	-	600,000
Storm Drains, Culverts, Creeks, and Flood Control	2,748,101	100,000	2,848,101	-	-	-	-	-
Traffic Signals	5,757,926	1,680,000	7,437,926	815,000	215,000	215,000	200,000	215,000
Streets and Storm Drains Total	\$ 119,176,711	\$ 10,115,000	\$ 129,291,711	\$ 5,390,000	\$ 5,700,000	\$ 925,000	\$ 200,000	\$ 1,480,000
Water								
Reclaimed Water - General Safety, Maint. and Other Improv.	-	133,800	133,800	133,800	133,800	133,800	-	133,800
Reclaimed Water - Pipelines Rehabilitation	1,399,695	-	1,399,695	-	-	-	-	-
Reclaimed Water - Pump Stations	80,321	200,000	280,321	1,100,000	-	-	-	-
Reclaimed Water - Transmission and Distribution Pipelines	409,948	3,612,172	4,022,120	1,833,515	3,922,350	1,089,100	2,672,943	-
Water - General Safety, Maint. and Other Improv.	4,882,801	2,955,874	7,838,675	12,580,053	12,501,485	682,750	754,355	100,000
Water - Pump Stations	1,965,685	3,771,373	5,737,058	7,492,492	827,000	-	-	396,500
Water - Supervisory Control and Data Acquisition (SCADA)	667,434	400,000	1,067,434	600,000	618,000	-	-	-
Water - Quality, Supply and Storage	7,329,110	-	7,329,110	-	-	2,832,500	-	-
Water - Transmission and Distribution Pipelines	13,613,765	7,260,000	20,873,765	6,197,133	3,475,680	3,357,351	1,080,488	2,379,000
Water Total	\$ 30,348,760	\$ 18,333,219	\$ 48,681,979	\$ 29,936,993	\$ 21,478,315	\$ 8,095,501	\$ 4,507,786	\$ 3,009,300



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

Program Name / Program Category	FY 2021			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026 +
	Estimated			Five-Year Capital Improvement Plan				
	Carryover Funding	New Funding	Total Available					
General Safety, Maintenance and Other Improvements	6,166,215	3,350,000	9,516,215	103,000	-	-	-	-
Pump Stations and Lift Stations	4,830,694	1,570,000	6,400,694	500,000	5,000,000	-	-	4,758,500
Sewer Main Rehabilitation	1,305,986	920,000	2,225,986	432,600	445,578	458,945	472,714	10,015,000
Supervisory Control and Data Acquisition (SCADA)	-	559,304	559,304	-	-	-	-	-
Treatment	4,636,837	-	4,636,837	-	-	-	-	-
Water Reclamation Total	\$ 16,939,732	\$ 6,399,304	\$ 23,339,036	\$ 1,035,600	\$ 5,445,578	\$ 458,945	\$ 472,714	\$ 14,773,500
Total Capital Improvement Plan Funding	\$ 192,171,070	\$ 42,994,245	\$ 235,165,315	\$ 39,869,221	\$ 35,509,764	\$ 11,850,944	\$ 6,517,428	\$ 26,271,541

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 2021 Adopted</u>	<u>Total Available</u>	
GENERAL FUND							
110	60310	FCLTS	Library Skylights Replacement	\$ 40,000	\$ -	\$ 40,000	
110	60350	FCLTS	Jail Control System and Phones	80,000	-	80,000	
110	61490	FCLTS	City Hall Facilities - Capital Improvements	11,387	-	11,387	
110	61690	FCLTS	Civic Center Gymnasium	20,000	-	20,000	
*	110	62400	FCLTS	City Fire Stations Capital Improvements	113,062	43,300	156,362
*	110	62950	FCLTS	Library Facilities Capital Improvements	249,488	160,800	410,288
110	63800	FCLTS	Community Events - Co-Sponsored	51,968	-	51,968	
110	63901	FCLTS	Library Materials - Adopt-A-Book Friends	2,234	-	2,234	
110	68330	STRTS	Overlook Street Improvements	18,755	-	18,755	
110	68590	FCLTS	City Council Chamber Upgrade	5,981	-	5,981	
*	110	68690	PARKS	Citywide ADA Improvements	1,770,507	1,000,000	2,770,507
110	68920	FCLTS	Corporation Yard Facility Capital Improvements	169	-	169	
*	110	69060	FCLTS	General Plan/Climate Action Plan Update	70,354	300,000	370,354
110	69120	FCLTS	City Unified Camera Project	399,498	-	399,498	
110	69500	STRTS	Cajalco / I-15 Interchange Improvements	71	-	71	
*	110	70100	FCLTS	Emergency 911 Phone System	-	25,000	25,000
110	70110	FCLTS	Public Safety Enterprise Communication (PSEC) Radio Interoperability	154,977	-	154,977	
110	70130	FCLTS	Technology Enhancements	73,790	-	73,790	
110	70150	FCLTS	City Unified Camera Project, Phase II	53,995	-	53,995	
110	70270	STRTS	Traffic Signal at Serfas Club Drive/Rancho Corona Road	6,892	-	6,892	
110	71150	STRTS	Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation	1,163,876	-	1,163,876	
110	71630	FCLTS	Police Body Worn Cameras	24,150	-	24,150	
110	71650	FCLTS	City Hall Security Improvements	767,989	-	767,989	
110	71660	FCLTS	Fire Station Alerting Systems	248,283	-	248,283	
110	71670	FCLTS	Police CAD/RMS System	582,668	-	582,668	
110	71700	FCLTS	Corona Innovation Center	222,964	-	222,964	
110	71710	FCLTS	Auto Center Sign	150,000	-	150,000	
110	71720	PARKS	Griffin Park Enhancements	53,331	-	53,331	
*	110	71990	FCLTS	Household Hazardous Waste Facility	-	265,000	265,000
110	72010	FCLTS	Emergency Flood Response Grant	7,164	-	7,164	
110	72050	WATER	Alcoa Dike Potable Water Non-Compliance	15,000	-	15,000	
*	110	72051	WATER	Alcoa Dike Administration	28,572	300,000	328,572
*	110	72080	FCLTS	Community Center Facilities Capital Improvements	4,946	164,100	169,046

* 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 2021 Adopted</u>	<u>Total Available</u>	
110	72330	FCLTS	Timekeeping System	364,072	-	364,072	
110	72520	FCLTS	New VHF Radio Simulcast and Backhaul System	1,999,815	-	1,999,815	
*	110	72530	FCLTS	Police Department Facility Improvements	-	22,000	22,000
110	72540	FCLTS	Replace Microwave Links to Fire Station	39,126	-	39,126	
110	72570	FCLTS	Replacement of Dispatch Furniture	28,374	-	28,374	
110	72820	FCLTS	Grape Hill Telecommunications Tower No. 2	41,667	-	41,667	
110	73780	FCLTS	Animal Shelter Gate and Driveway	1,404	-	1,404	
110	73790	FCLTS	City Hall Whole Building Energy Efficiency Project	214,903	-	214,903	
110	73800	PARKS	Mountain Gate Park Playground Equipment Replacement	120,000	-	120,000	
110	73810	PARKS	Santana Park Accessible Playground	391,351	-	391,351	
110	73820	PARKS	Trails Master Plan	36,910	-	36,910	
110	73830	FCLTS	Proposition 68 City Park Improvements	17,439	-	17,439	
110	73840	PARKS	Parks Facilities and Amenities Inventory	229,903	-	229,903	
110	84480	STRTS	Sherborn Street Improvements	438,374	-	438,374	
*	110	75090	FCLTS	Emergency Operations Center Upgrade	-	404,000	404,000
110	86040	STRTS	Foothill Parkway Westerly Extension	584,101	-	584,101	
FUND TOTAL				\$ 10,899,509	\$ 2,684,200	\$ 13,583,709	
LIBRARY FACILITIES AND COLLECTION FEE FUND							
206	63900	FCLTS	Library Materials	\$ 37,664	\$ -	\$ 37,664	
206	72590	FCLTS	Library Automated Materials Handling System	141,442	-	141,442	
206	86900	FCLTS	Citywide Facilities Inventory	4,000	-	4,000	
206	86910	FCLTS	Citywide Development Impact Fee Review	2,832	-	2,832	
FUND TOTAL				\$ 185,938	\$ -	\$ 185,938	
FIRE WILD LAND FACILITIES FEE FUND							
*	207	62900	FCLTS	Fire Equipment Acquisition	\$ 1,405	\$ 38,000	\$ 39,405
FUND TOTAL				\$ 1,405	\$ 38,000	\$ 39,405	
TEMESCAL CANYON LAW ENFORCEMENT FACILITIES FEE FUND							
*	208	76020	FCLTS	License Plate Reader Project	\$ -	\$ 85,118	\$ 85,118
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	\$ 85,118	\$ 91,950	

* 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 2021 Adopted</u>	<u>Total Available</u>	
TEMESCAL CANYON FIRE FACILITIES FEE FUND							
*	209	62900	FCLTS	Fire Equipment Acquisition	\$ -	\$ 122,056	\$ 122,056
	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	\$ 122,056	\$ 128,888
STREETS, BRIDGES AND SIGNALS DEVELOPMENT FEE FUND							
	211	62410	STRTS	Magnolia Avenue Widening	\$ 1,256,321	\$ -	\$ 1,256,321
	211	69500	STRTS	Cajalco / I-15 Interchange Improvements	192,516	-	192,516
	211	69510	STRTS	Citywide Master Plan Street Improvements	1,587,748	-	1,587,748
	211	70630	STRTS	Citywide Traffic Signals	2,620,664	-	2,620,664
*	211	71800	STRTS	Advanced Traffic Management System (ATMS) Phase III and ATMS Master Plan Update	1,394,197	500,000	1,894,197
	211	71840	STRTS	Traffic Signal Maintenance Facility	230,000	-	230,000
	211	72100	STRTS	Ontario Avenue Widening	984,125	-	984,125
	211	72140	STRTS	Traffic Signal Installation at Ontario Avenue / State Street	75,000	-	75,000
*	211	72650	STRTS	Household Waste Collection Facility Street Improvements	-	200,000	200,000
*	211	77010	STRTS	Traffic Signal at Masters Drive and California Ave	-	800,000	800,000
	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	\$ 8,460,520	\$ 1,500,000	\$ 9,960,520
STORM DRAINAGE DEVELOPMENT FEE FUND							
	212	62910	STRTS	Corona Storm Drain Line 52	\$ 14,029	\$ -	\$ 14,029
*	212	62920	STRTS	East Grand Boulevard Storm Drain	141,372	100,000	241,372
	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	207,873	-	207,873
				FUND TOTAL	\$ 506,859	\$ 100,000	\$ 606,859

* 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 2021 Adopted</u>	<u>Total Available</u>
LAW ENFORCEMENT DEVELOPMENT FEE FUND						
213	69120	FCLTS	City Unified Camera Project	\$ 1,289	\$ -	\$ 1,289
213	86450	FCLTS	Police Equipment Acquisition	153,778	-	153,778
213	86900	FCLTS	Citywide Facilities Inventory	4,000	-	4,000
213	86910	FCLTS	Citywide Development Impact Fee Review	2,832	-	2,832
FUND TOTAL				\$ 161,898	\$ -	\$ 161,898
FIRE PROTECTION DEVELOPMENT FEE FUND						
* 214	62900	FCLTS	Fire Equipment Acquisition	\$ 21,815	\$ 217,000	\$ 238,815
214	64110	FCLTS	Fire Facilities Expansion/Planning	48,979	-	48,979
214	71660	FCLTS	Fire Station Alerting Systems	285,000	-	285,000
214	86900	FCLTS	Citywide Facilities Inventory	3,956	-	3,956
214	86910	FCLTS	Citywide Development Impact Fee Review	2,832	-	2,832
FUND TOTAL				\$ 362,582	\$ 217,000	\$ 579,582
COMMUNITY MEETING DEVELOPMENT FEE FUND						
215	71640	FCLTS	Vicentia Activity Center	\$ 26,636	\$ -	\$ 26,636
215	73840	PARKS	Parks Facilities and Amenities Inventory	29,205	-	29,205
215	86900	FCLTS	Citywide Facilities Inventory	4,000	-	4,000
215	86910	FCLTS	Citywide Development Impact Fee Review	2,832	-	2,832
FUND TOTAL				\$ 62,673	\$ -	\$ 62,673
AQUATIC CENTER DEVELOPMENT FEE FUND						
216	69630	PARKS	Aquatic Improvements	\$ 100,236	\$ -	\$ 100,236
216	86900	FCLTS	Citywide Facilities Inventory	5,645	-	5,645
216	86910	FCLTS	Citywide Development Impact Fee Review	1,082	-	1,082
FUND TOTAL				\$ 106,963	\$ -	\$ 106,963
PARKLAND ACQUISITION AND DEVELOPMENT FEE FUND						
217	68690	PARKS	Citywide ADA Improvements	\$ 194,002	\$ -	\$ 194,002
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
					-	-
					-	-
					-	-

* 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 2021 Adopted</u>	<u>Total Available</u>	
217	68990	PARKS	Parks Lighting Improvements	105,036	-	105,036	
217	69010	PARKS	Parks Facility Improvements	612,723	-	612,723	
217	71720	PARKS	Griffin Park	247,983	-	247,983	
217	72600	PARKS	Auburndale Amenities Improvements	630,640	-	630,640	
217	73800	PARKS	Mountain Gate Park Playground Equipment Replacement	75,320	-	75,320	
217	73840	PARKS	Parks Facilities and Amenities Inventory	29,399	-	29,399	
217	73850	PARKS	Lincoln Park Playground Equipment Replacement	1,405	-	1,405	
FUND TOTAL				\$ 4,131,783	\$ -	\$ 4,131,783	
CORONA MALL BUSINESS IMPROVEMENT DISTRICT FUND							
*	218	84220	FCLTS	Corona Mall Business Improvement District	\$ 351,893	\$ 306,112	\$ 658,005
FUND TOTAL				\$ 351,893	\$ 306,112	\$ 658,005	
ROAD MAINTENANCE AND REHABILITATION ACCOUNT (RMRA) FUND							
*	221	69210	STRTS	Local Street Pavement Rehabilitation	\$ -	\$ 1,646,000	\$ 1,646,000
*	221	70800	STRTS	Major Pavement Rehabilitation	-	1,200,000	1,200,000
	221	72610	STRTS	Rubberized Asphalt Concrete (RAC) Project	494,109	-	494,109
FUND TOTAL				\$ 494,109	\$ 2,846,000	\$ 3,340,109	
GAS TAX (2105-2106-Prop 42) FUND							
	222	62410	STRTS	Magnolia Avenue Widening	\$ 100,000	\$ -	\$ 100,000
	222	68330	STRTS	Overlook Street Improvements	286,520	-	286,520
	222	68860	STRTS	Citywide Benchmark Update	190,000	-	190,000
*	222	69220	STRTS	Pavement Maintenance and Resurfacing	407	150,000	150,407
	222	69370	STRTS	McKinley Grade Separation	17,954	-	17,954
*	222	69500	STRTS	Cajalco / I-15 Interchange Improvements	12,191	250,000	262,191
*	222	70730	STRTS	Sidewalk, Curb and Gutter Repair/Replacement/Maintenance	2,914	300,000	302,914
	222	70800	STRTS	Major Streets Pavement Rehabilitation	24,571	-	24,571
*	222	70940	STRTS	Miscellaneous Repair and Replacement of Traffic Signals	167,325	210,000	377,325
	222	71820	STRTS	Traffic Signal Installation at Auto Center Drive / Metrolink Station	50,000	-	50,000
	222	71830	STRTS	Traffic Signals Lighting Upgrade	88,086	-	88,086
*	222	72160	STRTS	Citywide Traffic Signs	20,755	20,000	40,755
	222	72620	STRTS	Butterfield Drive Road Relocation	149,898	-	149,898

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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 2021 Adopted</u>	<u>Total Available</u>	
222	72630	STRTS	Magnolia Median Rehabilitation	268,229	-	268,229	
222	72920	STRTS	Striping Rehabilitation	217,781	-	217,781	
222	73320	STRTS	Street Pavement Maintenance and Rehabilitation	2,149	-	2,149	
222	73540	STRTS	Overlook Road Maintenance	38,417	-	38,417	
*	222	73870	STRTS	West Rincon Street Improvements	250,000	250,000	500,000
222	86040	STRTS	Foothill Parkway Westerly Extension	265,567	-	265,567	
FUND TOTAL				\$ 2,152,763	\$ 1,180,000	\$ 3,332,763	
MEASURE A FUND							
227	60300	STRTS	Remove Debris from Bedford Wash Under Temescal Canyon	\$ 233,568	\$ -	\$ 233,568	
227	62410	STRTS	Magnolia Avenue Widening	1,275,962	-	1,275,962	
227	62910	STRTS	Corona Storm Drain Line 53	132,966	-	132,966	
227	62920	STRTS	East Grand Boulevard Storm Drain	500,000	-	500,000	
227	68330	STRTS	Overlook Street Improvements	337,202	-	337,202	
227	68860	STRTS	Citywide Benchmark Update	40,000	-	40,000	
*	227	69210	STRTS	Local Street Pavement Rehabilitation	1,006,666	1,154,000	2,160,666
*	227	69220	STRTS	Pavement Maintenance and Resurfacing	33,685	150,000	183,685
227	69370	STRTS	McKinley Grade Separation	1,997,593	-	1,997,593	
*	227	70690	STRTS	Pavement Management Study	65,084	10,000	75,084
*	227	70730	STRTS	Sidewalk, Curb and Gutter Repair/Replacement/Maintenance	29,687	300,000	329,687
227	70800	STRTS	Major Streets Pavement Rehabilitation	2,224	-	2,224	
227	70940	STRTS	Miscellaneous Repair and Replacement of Traffic Signals	16,480	-	16,480	
227	71150	STRTS	Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation	289,449	-	289,449	
227	71790	STRTS	Bridge Evaluation	393,282	-	393,282	
*	227	71830	STRTS	Traffic Signals Lighting Upgrade	133,067	150,000	283,067
227	71840	STRTS	Traffic Signal Maintenance Facility	30,000	-	30,000	
227	72050	WATER	Alcoa Dike Potable Water Non-Compliance	15,000	-	15,000	
*	227	72100	STRTS	Ontario Avenue Widening	942,731	500,000	1,442,731
227	72160	STRTS	Citywide Traffic Signs	10,062	-	10,062	
227	72210	STRTS	Citywide Sidewalk and ADA Improvements - Phase II	1,483,931	-	1,483,931	
227	72220	STRTS	Changeable Traffic Message Sign Replacement	32,395	-	32,395	
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	178,819	-	178,819	

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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 2021 Adopted</u>	<u>Total Available</u>	
227	72650	STRTS	Household Waste Collection Facility Street Improvements	45,500	-	45,500	
227	72680	STRTS	River Road Median Landscape Improvements	470,500	-	470,500	
227	72700	STRTS	Sixth and Yorba Street Waterline Replacement and Pavement Rehab	369,324	-	369,324	
*	227	72920	STRTS	Striping Rehabilitation	46,671	325,000	371,671
227	73320	STRTS	Street Pavement Maintenance and Rehabilitation	432,762	-	432,762	
227	73540	STRTS	Overlook Road Maintenance	9,508	-	9,508	
*	227	73870	STRTS	West Rincon Street Improvements	250,000	250,000	500,000
*	227	76030	STRTS	Oak Avenue Street Widening	-	500,000	500,000
227	86040	STRTS	Foothill Parkway Westerly Extension	1,936,020	-	1,936,020	
FUND TOTAL				\$ 13,490,138	\$ 4,489,000	\$ 17,979,138	
CIVIC CENTER FUND							
*	232	60330	FCLTS	Historic Civic Center Breezeway Rebuild	\$ 120,000	\$ 120,000	\$ 240,000
*	232	70140	FCLTS	Historic Civic Center Facility Capital Improvements	-	105,000	105,000
FUND TOTAL				\$ 120,000	\$ 225,000	\$ 345,000	
PUBLIC WORKS TRANSPORTATION GRANTS/AGREEMENT FUND							
243	62411	STRTS	Magnolia Avenue Widening	\$ 295,292	\$ -	\$ 295,292	
243	62910	STRTS	Corona Storm Drain Line 54	1,265,936	-	1,265,936	
243	69370	STRTS	McKinley Grade Separation	70,347,186	-	70,347,186	
243	69372	STRTS	McKinley / Santa Fe Grade Separation	2,000,000	-	2,000,000	
243	69500	STRTS	Cajalco / I-15 Interchange Improvements	565,095	-	565,095	
243	69501	STRTS	Cajalco / I-15 Interchange Improvements	4,559,605	-	4,559,605	
243	69690	STRTS	Ontario Avenue Street Improvements	81,740	-	81,740	
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	
243	72900	STRTS	Traffic Signal Installation at Bedford Canyon / Georgetown	473,474	-	473,474	
FUND TOTAL				\$ 84,678,066	\$ -	\$ 84,382,774	

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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 2021 Adopted</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 2002-2 LANDSCAPE MAINTENANCE FUND						
247	73310	PARKS	CFD 10-Year Plan	\$ 2,058	\$ -	\$ 2,058
FUND TOTAL				\$ 2,058	\$ -	\$ 2,058
CFD 97-1 LANDSCAPE MAINTENANCE FUND						
248	73310	PARKS	CFD 10-Year Plan	\$ 8,951	\$ -	\$ 8,951
FUND TOTAL				\$ 8,951	\$ -	\$ 8,951
CFD 2001-1 LANDSCAPE MAINTENANCE FUND						
249	70460	PARKS	Landscape Retrofit Project	\$ 396,364	\$ -	\$ 396,364
249	73310	PARKS	CFD 10-Year Plan	49,044	-	49,044
FUND TOTAL				\$ 445,408	\$ -	\$ 445,408
CFD 2002-3 LANDSCAPE MAINTENANCE FUND						
251	73310	PARKS	CFD 10-Year Plan	\$ 1,102	\$ -	\$ 1,102
FUND TOTAL				\$ 1,102	\$ -	\$ 1,102
LMD 2003-1 LIGHTING CAJALCO/DL						
252	72710	STRTS	Dos Lagos Traffic Signal Improvements	\$ 166,469	\$ -	\$ 166,469
FUND TOTAL				\$ 166,469	\$ -	\$ 166,469
CFD/LMD 2011-1 CORONA NORTH MAIN						
253	73310	PARKS	CFD 10-Year Plan	\$ 1,442	\$ -	\$ 1,442
FUND TOTAL				\$ 1,442	\$ -	\$ 1,442
THOROUGHFARES FACILITIES FEE FUND						
261	86040	STRTS	Foothill Parkway Westerly Extension	\$ 1,434,217	\$ -	\$ 1,434,217
FUND TOTAL				\$ 1,434,217	\$ -	\$ 1,434,217

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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 2021 Adopted</u>	<u>Total Available</u>
LANDSCAPING FACILITIES FEE FUND						
274	80080	PARKS	South Corona Master Planned Landscape	\$ 796,166	\$ -	\$ 796,166
274	86900	FCLTS	Citywide Facilities Inventory	2,370	-	2,370
FUND TOTAL				\$ 798,536	\$ -	\$ 798,536
AIRPORT FUND						
* 275	69890	FCLTS	Airport Facilities Capital Improvements	\$ 190,317	\$ 32,000	\$ 222,317
FUND TOTAL				\$ 190,317	\$ 32,000	\$ 222,317
PARK DEVELOPMENT (QUIMBY) FEE FUND						
288	73880	PARKS	Fresno Canyon Trailhead Improvements	\$ 1,059	\$ -	\$ 1,059
FUND TOTAL				\$ 1,059	\$ -	\$ 1,059
LOW MOD INCOME HOUSING ASSET FUND						
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	\$ 740	\$ 77,000	\$ 77,740
* 417	68530	FCLTS	Temescal Canyon/ Dos Lagos Owner Participation Agreement	1	1,008,908	1,008,909
* 417	68630	FCLTS	Corona N Main Development Owner Participation Agreement	21,559	650,000	671,559
* 417	68700	FCLTS	Casa de la Villa	-	450,000	450,000
FUND TOTAL				\$ 22,299	\$ 2,185,908	\$ 2,208,207
COMMUNITY DEVELOPMENT BLOCK GRANT, or CDBG FUND						
431	67133	FCLTS	Residential Rehabilitation Program	\$ 381,069	\$ -	\$ 381,069
* 431	63461	FCLTS	City of Corona: Code Enforcement	-	100,000	100,000
* 431	72641	FCLTS	Corona-Norco Family YMCA Childcare and Fine Arts	-	26,750	26,750
* 431	72671	FCLTS	Corona-Norco United Way (CNUW) Children and Youth Success	-	26,750	26,750
* 431	72691	FCLTS	Corona-Norco United Way (CNUW) Children's Wellness Program	-	26,750	26,750
* 431	72791	FCLTS	Big Brothers/Sisters Mentoring Program	-	26,750	26,750
* 431	72841	FCLTS	Inspire Life Skills Training	-	26,750	26,750
* 431	72851	FCLTS	Peppermint Ridge Activity Center	-	26,750	26,750

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CAPITAL IMPROVEMENT PLAN
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<u>Fund</u>	<u>Project No.</u>	<u>Program Name</u>	<u>Description</u>	<u>Estimated Carryover Funding</u>	<u>FY 2021 Adopted</u>	<u>Total Available</u>
*	431	72871	FCLTS Fair Housing Council of Riverside County: Fair Housing	-	26,750	26,750
	431	72889	FCLTS Public Facilities and Infrastructure	548,048	-	548,048
	431	75000	FCLTS City of Corona Emergency-Related Activities	176,000	-	176,000
	431	75010	FCLTS CDBG-CV Program Planning, Administration, and Monitoring	137,977	-	137,977
*	431	75020	FCLTS City of Corona: Homeless Shelter Rehabilitation	-	765,209	765,209
FUND TOTAL				\$ 1,243,094	\$ 1,052,459	\$ 2,295,553
HOME INVESTMENT PARTNERSHIP PROGRAM FUND						
	432	67133	FCLTS Residential Rehabilitation Program	\$ 568,556	\$ -	\$ 568,556
	432	71697	FCLTS Community Housing Development Organization	44,312	-	44,312
	432	71698	FCLTS Community Housing Development Organization	44,548	-	44,548
	432	72869	FCLTS Community Housing Development Organization	137,912	-	137,912
*	432	75030	FCLTS Tenant-Based Rental Assistance	-	355,869	355,869
*	432	75040	FCLTS Affordable / Permanent Supportive Housing Development	-	200,000	200,000
FUND TOTAL				\$ 795,328	\$ 555,869	\$ 1,351,197
LMD 84-1 STREET LIGHTS						
	446	70940	STRTS Miscellaneous Repair and Replacement of Traffic Signals	\$ 7,376	\$ -	\$ 7,376
FUND TOTAL				\$ 7,376	\$ -	\$ 7,376
2012 WATER REVENUE BOND PROJECT FUND						
*	453	65890	WATER Mangular Blending Facility	\$ 5,517,025	\$ 641,710	\$ 6,158,735
FUND TOTAL				\$ 5,517,025	\$ 641,710	\$ 6,158,735
2013 WASTEWATER REVENUE BOND PROJECT FUND						
	454	68310	WRCLM Water Reclamation Facility #1 Biosolids Processing Upgrade	\$ 841,811	\$ -	\$ 841,811
FUND TOTAL				\$ 841,811	\$ -	\$ 841,811
LMD 84-2 LANDSCAPE ZONE 7 FUND						
	458	70460	PARKS Landscape Retrofit Project	\$ 21,747	\$ -	\$ 21,747
FUND TOTAL				\$ 21,747	\$ -	\$ 21,747

* 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 2021 Adopted</u>	<u>Total Available</u>
LMD 84-2 LANDSCAPE ZONE 10 FUND						
460	70440	PARKS	Landscape Retrofit/Slope Study - LMD 84-2, Zone 10	\$ 551,449	\$ -	\$ 551,449
460	71620	PARKS	LMD 84-2 Zone 10 Slope Improvement/Stabilization Project	907,416	-	907,416
FUND TOTAL				\$ 1,458,864	\$ -	\$ 1,458,864
LMD 84-2 LANDSCAPE ZONE 14 FUND						
461	70460	PARKS	Landscape Retrofit Project	\$ 197,650	\$ -	\$ 197,650
FUND TOTAL				\$ 197,650	\$ -	\$ 197,650
TUMF - RCTC FUND						
478	86040	STRTS	Foothill Parkway Westerly Extension	\$ 4,333,097	\$ -	\$ 4,333,097
FUND TOTAL				\$ 4,333,097	\$ -	\$ 4,333,097
TUMF - WRCOG FUND						
479	69370	STRTS	McKinley Grade Separation	\$ 1,140,878	\$ -	\$ 1,140,878
479	71150	STRTS	Auto Center Drive/Burlington Northern Santa Fe Railroad Grade Separation	187,736	-	187,736
FUND TOTAL				\$ 1,328,615	\$ -	\$ 1,328,615
REIMBURSEMENT GRANTS FUND						
480	72050	WATER	Alcoa Dike Potable Water Non-Compliance	\$ 5,000	\$ -	\$ 5,000
480	72051	WATER	Alcoa Dike Potable Water Non-Compliance	5,000	-	5,000
480	72052	WATER	Auburndale South Drain Line - Alcoa	5,000	-	5,000
480	72053	WATER	Rincon 20x40 South Drain Line - Alcoa	5,000	-	5,000
480	73330	PARKS	Prop 68 per Capita Playground Replacement	200,000	-	200,000
*	480	71990	FCLTS Household Hazardous Waste Facility	-	250,000	250,000
FUND TOTAL				\$ 220,000	\$ 250,000	\$ 470,000
WATER CAPACITY FUND						
507	68520	WATER	Keith Water Storage Tank	\$ 6,260,256	\$ -	\$ 6,260,256
507	69770	WATER	1380 - Zone Water Storage Tank	90,547	-	90,547
507	72320	WATER	Sixth Street Waterline Replacement Grand / Rimpau	94,470	-	94,470
FUND TOTAL				\$ 6,445,273	\$ -	\$ 6,445,273

* 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 2021 Adopted</u>	<u>Total Available</u>	
RECLAIMED WATER UTILITY FUND							
*	567	69710	WATER	Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline	\$ 210,528	\$ 1,219,273	\$ 1,429,801
	567	69820	WATER	SCADA Panel Replacement	36,540	-	36,540
	567	70370	WATER	Old Temescal Road Reclaimed Waterline	15,308	-	15,308
	567	70390	WATER	SCADA Backbone Licensed Radio Installation	4,320	-	4,320
	567	71500	WATER	Lincoln Avenue Reclaimed Waterline	26,122	-	26,122
*	567	72310	WATER	Development Meters	4,453	1,828	6,281
*	567	72740	WATER	Border Booster Station Pump Replacement	80,321	200,000	280,321
	567	72750	FCLTS	Business Process Management	8,250	-	8,250
*	567	72760	WRCLM	Western Riverside County Regional Waste Water Authority (WRCRWA) Flow Control Improvements	-	937,500	937,500
	567	72820	FCLTS	Grape Hill Telecommunications Tower No. 2	25,178	-	25,178
*	567	73900	WATER	Reclaimed Waterline Infrastructure	40,721	55,000	95,721
*	567	77050	WRCLM	Water Reclamation Facility #3 Communications Tower	-	18,337	18,337
FUND TOTAL					\$ 451,741	\$ 2,431,938	\$ 2,883,679
WATER UTILITY FUND							
*	570	65310	WATER	Emergency Generators	\$ 606,668	\$ 500,000	\$ 1,106,668
*	570	65890	WATER	Mangular Blending Facility	4,631,603	2,358,290	6,989,893
*	570	66080	WATER	SW Quadrant Waterline Replacement - Phase I	114,416	3,000,000	3,114,416
	570	68180	WATER	Lester Post Disinfection Station	280,000	-	280,000
*	570	68260	WATER	Well 14A	-	2,871,373	2,871,373
	570	68270	WATER	Well 15 Relocation	984,041	-	984,041
*	570	68280	WATER	Repipe Well 22	-	100,000	100,000
	570	68570	WATER	Hidden Springs Road Waterline	17,165	-	17,165
*	570	68680	WATER	Well Rehabilitation	302,943	800,000	1,102,943
	570	68681	WATER	Well 11A Rehabilitation	300	-	300
	570	68682	WATER	Well 26 Rehabilitation	178,401	-	178,401
	570	69120	FCLTS	City Unified Camera Project	14,150	-	14,150
	570	69720	WATER	Arcadia/Minnesota Waterline Replacement	689,721	-	689,721
*	570	69820	WATER	SCADA Panel Replacement	350,093	200,000	550,093
	570	69980	WATER	Residential Turf Removal Rebate Project	945,276	-	945,276
*	570	70150	FCLTS	City Unified Camera Project, Phase II	60,284	3,000	63,284
	570	70380	WATER	Rincon Bridge	15,613	-	15,613
	570	70390	WATER	SCADA Backbone Licensed Radio Installation	79,198	-	79,198

* 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 2021 Adopted</u>	<u>Total Available</u>	
	570	71560	WATER	Downtown Sixth Street Waterline Replacement	169,185	-	169,185
*	570	71870	WATER	Meter Replacement	285,186	900,000	1,185,186
	570	71890	WATER	Water Systems Improvement Project	23,129	-	23,129
*	570	71930	WATER	Waterline Infrastructure	402,097	960,000	1,362,097
	570	71990	FCLTS	Household Hazardous Waste Facility	355,528	-	355,528
	570	72050	WATER	Alcoa Dike Potable Water Non-Compliance	27,145	-	27,145
*	570	72310	WATER	Development Meters	569,986	121,046	691,032
	570	72320	WATER	Sixth Street Waterline Replacement - Grand to Rimpau	192,343	-	192,343
	570	72420	WRCLM	Water Reclamation Facility #1 Communication Tower	107,089	-	107,089
	570	72440	WATER	Sixth & Yorba Street Waterline Replacement	636,990	-	636,990
*	570	72470	WATER	R-3 Potable Tank Pavement Repair	61,857	350,000	411,857
	570	72490	WATER	Hayden and Howe Street Waterline Replacement	282,097	-	282,097
	570	72750	FCLTS	Business Process Management	151,250	-	151,250
	570	72780	WATER	1220 - Zone Booster Pump Station	500,000	-	500,000
	570	72800	WATER	SDO Treatment Plant Landscape Repair	778,389	-	778,389
	570	72820	FCLTS	Grape Hill Telecommunications Tower No. 2	85,141	-	85,141
*	570	73040	WATER	Booster Station Rehabilitation	-	600,000	600,000
	570	73290	WATER	Temescal Canyon Road Widening Project, Temescal Valley, Utilities Relocation	103,354	-	103,354
*	570	73890	WATER	Adjacent Irrigation Conversion	-	100,350	100,350
	570	73910	WATER	Generator DPF at Well 22 and Lester WTP	700,000	-	700,000
	570	73920	WATER	Waterline Replacement at Sherman Avenue	250,000	-	250,000
	570	73930	WATER	Sustainable Groundwater Plan Grant	245,969	-	245,969
*	570	75060	WATER	Desalter Membrane Replacements	-	160,000	160,000
*	570	76000	WATER	Flow Meter Upgrade	-	100,000	100,000
*	570	76010	WATER	Lester Backwash Basin	-	30,000	30,000
*	570	77050	WRCLM	Water Reclamation Facility #3 Communications Tower	-	165,032	165,032
FUND TOTAL				\$ 15,196,608	\$ 13,319,091	\$ 28,515,699	
WATER UTILITY GRANT/AGREEMENT FUND							
*	571	69710	WATER	Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline	\$ 78,076	\$ 897,144	\$ 975,220
*	571	69711	WATER	Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline	25,648	1,440,755	1,466,403
	571	70370	WATER	Old Temescal Road Reclaimed Waterline	4,838	-	4,838
	571	71500	WATER	Lincoln Avenue Reclaimed Waterline	8,708	-	8,708
	571	72054	WATER	Cross Dike	18,946	-	18,946

* 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 2021 Adopted</u>	<u>Total Available</u>	
*	571	72760	WRCLM	Western Riverside County Regional Waste Water Authority (WRCRWA) Flow Control Improvements	-	312,500	312,500
*	571	73890	WATER	Adjacent Irrigation Conversion	-	33,450	33,450
	571	73930	WATER	Sustainable Groundwater Plan Grant	732,338	-	732,338
FUND TOTAL				\$ 868,554	\$ 2,683,849	\$ 3,552,403	

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	65,352	-	65,352
	572	68310	WRCLM	Water Reclamation Facility #1 Biosolids Processing Upgrade	1,861,080	-	1,861,080
*	572	68400	WRCLM	Research/Railroad Waterline Replacement	50,000	500,000	550,000
	572	68710	WRCLM	Sierra Del Oro Lift Station and Pipelines	254,294	-	254,294
	572	69120	FCLTS	City Unified Camera Project	14,150	-	14,150
*	572	69820	WATER	SCADA Panel Replacement	117,728	200,000	317,728
	572	69840	WRCLM	Water Reclamation Facility #1 Secondary Clarifier	153,524	-	153,524
	572	69870	WRCLM	Water Reclamation Facility #3 Decommissioning - Force Main	1,240,342	-	1,240,342
*	572	69880	WRCLM	Water Reclamation Facility #3 Decommissioning - Lift Station	4,426,400	1,570,000	5,996,400
*	572	70150	FCLTS	City Unified Camera Project, Phase II	113,375	35,000	148,375
	572	70380	WATER	Rincon Bridge	591,472	-	591,472
	572	70390	WATER	SCADA Backbone Licensed Radio Installation	79,555	-	79,555
*	572	71950	WRCLM	Sewer Line Infrastructure	95,513	420,000	515,513
	572	72020	WRCLM	Wardlow Road Sewer Relocation Project	1,160,473	-	1,160,473
	572	72050	WATER	Alcoa Dike Potable Water Non-Compliance	15,000	-	15,000
	572	72051	WATER	Alcoa Dike Administration	349,288	-	349,288
	572	72420	WRCLM	Water Reclamation Facility #1 Communication Tower	113,941	-	113,941
	572	72720	WATER	Alcoa Reclaimed Water Effluent Relocation and Pipe Removal	1,399,695	-	1,399,695
	572	72750	FCLTS	Business Process Management	85,250	-	85,250
	572	72820	FCLTS	Grape Hill Telecommunications Tower No. 2	94,256	-	94,256
*	572	73050	WRCLM	Centrifuge Installation at Water Reclamation Facility #1	-	500,000	500,000
*	572	73940	WRCLM	Automatic Transfer Switch Change Outs	100,000	100,000	200,000
	572	73950	WRCLM	Green River Lift Station Flowmeter and Vault	50,000	-	50,000
	572	73960	WRCLM	SDO Lift Station Sancon Coating	100,000	-	100,000
	572	73970	WRCLM	Water Reclamation Facility #1 Automatic Transfer Switch	125,000	-	125,000
	572	73980	WRCLM	Water Reclamation Facility #1 Secondary Gallery	125,000	-	125,000
	572	73990	WRCLM	Water Reclamation Facility #2 Equalization Basin Replacement	5,465,863	-	5,465,863

* 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 2021 Adopted</u>	<u>Total Available</u>	
572	74000	WRCLM	Water Reclamation Facility #2 Roadway Lighting	4,323	-	4,323	
572	74080	WRCLM	Water Reclamation Facility #1 Dryer Rebuild	125,000	-	125,000	
*	572	75050	WRCLM	Belt Press Conveyors	-	50,000	50,000
*	572	75070	WRCLM	Digester 3 Rehabilitation	-	400,000	400,000
*	572	76000	WATER	Flow Meter Upgrade	-	165,000	165,000
*	572	76050	WRCLM	Plant 1A Secondary Clarifier Concrete Decks	-	100,000	100,000
*	572	77020	WRCLM	Water Reclamation Facility #1 Aeration Diffuser Replacement	-	100,000	100,000
*	572	77030	WRCLM	Water Reclamation Facility #2 Asphalt Roadway Paving	-	850,000	850,000
*	572	77040	WRCLM	Water Reclamation Facility #2 MCC Installation - Sunkist and Aeration	-	100,000	100,000
*	572	77050	WRCLM	Water Reclamation Facility #3 Communications Tower	-	165,032	165,032
FUND TOTAL				\$ 18,850,601	\$ 5,255,032	\$ 24,105,633	
WATER RECLAMATION UTILITY GRANT/AGREEMENT FUND							
573	72054	WATER	Cross Dike	\$ 24,348	\$ -	\$ 24,348	
FUND TOTAL				\$ 24,348	\$ -	\$ 24,348	
ELECTRIC UTILITY FUND							
*	578	65750	ELECT	Pad Mounted Enclosure (PME) Switches Upgrade	\$ 449,281	\$ 200,000	\$ 649,281
	578	68750	ELECT	SCADA	139,480	-	139,480
	578	69090	ELECT	Distribution Circuit Installation	355,523	-	355,523
	578	69960	ELECT	Plug In Vehicle (PEV) Readiness Plan	189,007	-	189,007
	578	70380	WATER	Rincon Bridge	16,041	-	16,041
*	578	71870	WATER	Meter Replacement	-	25,000	25,000
*	578	72310	WATER	Development Meters	4,730	3,000	7,730
	578	72750	FCLTS	Business Process Management	30,250	-	30,250
	578	72810	ELECT	Wholesale Distribution Access Tariff ("WDAT") 1512	150,000	-	150,000
	578	73300	ELECT	Temescal Canyon Road Electric Backbone	36,144	-	36,144
*	578	74010	ELECT	Electrical Infrastructure Improvements	90,000	25,000	115,000
	578	74020	ELECT	Electric Distribution System Inventory Condition and Assessment	199,895	-	199,895
	578	74030	ELECT	Temescal Transmission Line Extension	2,457,698	-	2,457,698
*	578	77050	WRCLM	Water Reclamation Facility #3 Communications Tower	-	18,337	18,337
FUND TOTAL				\$ 4,118,050	\$ 271,337	\$ 4,389,387	

* 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 2021 Adopted</u>	<u>Total Available</u>	
INFORMATION TECHNOLOGY FUND							
681	72750	FCLTS	Business Process Management	\$ 150,000	\$ -	\$ 150,000	
681	74040	FCLTS	VoIP Phone Service	400,000	-	400,000	
681	74050	FCLTS	Enterprise Power Backup and Storage	150,000	-	150,000	
681	74060	FCLTS	Budget Management Software	2,260	-	2,260	
681	74070	FCLTS	Fire Incident Report Writing Software	3,500	-	3,500	
*	681	73090	FCLTS	CNG Station Fuel Master Software Upgrade	-	25,000	25,000
*	681	75080	FCLTS	Electronic Document Management System (EDMS)	-	100,000	100,000
*	681	76040	FCLTS	Penetration (PEN) Testing	-	100,000	100,000
*	681	76090	FCLTS	SD-WAN Solution	-	50,000	50,000
*	681	77000	FCLTS	Security Solution to Identify Nefarious Movement	-	150,000	150,000
*	681	77050	WRCLM	Water Reclamation Facility #3 Communications Tower	-	92,566	92,566
FUND TOTAL				\$ 705,760	\$ 517,566	\$ 1,223,326	
FLEET OPERATIONS FUND							
682	68340	FCLTS	Vehicle Replacement	\$ 131,381	\$ -	\$ 131,381	
682	68380	FCLTS	Public Access Compressed Natural Gas	17,718	-	17,718	
682	68920	FCLTS	Corporation Yard Facility Capital Improvements	77,500	-	77,500	
*	682	70150	FCLTS	City Unified Camera Project, Phase II	25,502	5,000	30,502
FUND TOTAL				\$ 252,101	\$ 5,000	\$ 257,101	
CAPITAL PROJECTS - TOTAL OF CONTINUING APPROPRIATIONS AND NEW FUNDING				\$ 192,171,070	\$ 42,994,245	\$ 235,165,315	

* Indicates New Project or Funding

Program Name: Electric

Project Name and Description	Fund Source	Project Fund No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	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	449,281	200,000	-	-	-	-	725,000
<u>Distribution Circuit Installation</u> Back up feed cable.	ELECU	578	69090	94,477	355,523	-	-	-	-	-	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	555,525	150,000	-	-	-	-	-	705,525
<u>Temescal Canyon Road Electric Backbone</u> Construction of an electric backbone system to connect the Crossings and Dos Lagos while completing the adjacent sewer line installation at Temescal Canyon. By completing this project, work can be completed simultaneously with the sewer line project eliminating the need for additional mobilizing and trenching.	ELECU	578	73300	723,856	36,144	-	-	-	-	-	760,000
<u>Electrical Infrastructure Improvements</u> This project will move Burd transformers from under to above ground. The objective is to change out the 25kVa Burds to above ground Pad Mount Transformers (PMT).	ELECU	578	74010	-	90,000	25,000	25,750	-	-	-	140,750
<u>Electric Distribution System Inventory Condition and Assessment</u> Project consists of updating the City's distribution system inventory, performing condition assessments on assets, providing replacement costs and estimated useful life for different asset classes, and labeling all equipment in the field. Information will be utilized to populate the City's Asset Management Program and Geographic Information System (GIS).	ELECU	578	74020	105	199,895	-	-	-	-	-	200,000

CAPITAL IMPROVEMENT PLAN - Project Cost Listing

Program Name: Electric

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Temescal Transmission Line Extension Electric utility transmission line extension to include 5,000 feet of overhead wiring, replacement and relocation of specified utility poles along Temescal Canyon Road, and the installation of approximately 3,900 feet of underground utility sections including four automatic switches.	ELECU	578	74030	42,302	2,457,698	-	-	-	-	-	-	2,500,000
Electric Distribution Upgrades Total				\$ 1,491,984	\$ 3,738,541	\$ 225,000	\$ 25,750	\$ -	\$ -	\$ -	\$ -	\$ 5,481,275

Program Category: General Safety, Maintenance and Other Improvements

SCADA New system for Electric System monitoring.	ELECU	578	68750	419,515	139,480	-	-	-	-	-	-	558,995
Plug In Vehicle (PEV) Readiness Plan 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	86,071	189,007	-	-	-	-	-	-	275,078
General Safety, Maintenance and Other Improvements Total				\$ 505,585	\$ 328,488	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 834,073

ELECTRIC TOTAL				\$ 1,997,569	\$ 4,067,029	\$ 225,000	\$ 25,750	\$ -	\$ -	\$ -	\$ -	\$ 6,315,348
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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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Program Category: City Facility Improvements and Upgrades											
Library Skylights Replacement Skylights are weathered and aged. Original skylights went in with original building, skylights have met their useful life, and structural integrity is deteriorating. While servicing other equipment on roof, these pose a danger for falling and leakage.	GEN FD	110	60310	-	40,000	-	-	-	-	-	40,000
Historic Civic Center Breezeway Rebuild To improve structural integrity of the open breezeway.	CIVICCTR	232	60330	-	120,000	120,000	-	-	-	-	240,000
City Hall Facilities - Capital Improvements Maintenance to City Hall facility including parking facilities. Cooling tower media replacement and miscellaneous replacements.	GEN FD	110	61490	229,680	11,387	-	-	-	-	-	241,067
	CITY FAC	689	61490	239,732	-	-	-	-	-	-	239,732
Civic Center Gymnasium Replace 2nd floor windows and install new HVAC system.	GEN FD	110	61690	-	20,000	-	-	-	-	-	20,000
	PBMTF	215	61690	-	-	-	-	-	-	570,000	570,000
City Fire Stations Capital Improvements Main Door Replacements at Fire Station #1, #2, and #3. Doors currently do not seal properly.	GEN FD	110	62400	643,701	113,062	43,300	-	-	-	-	800,063
Library Facilities Capital Improvements Reseal and Restripe Parking Lots - Resealing needs to be completed. Cost of this project will increase if preventative maintenance is deferred. As sealant wears off, asphalt is left unprotected and will sustain further damage. Replacement of Library elevators. The elevators are old and are out of service often. This is a safety concern. The replacement will occur over two years. The first year will address the Main Lobby elevator; the second year will address the elevator in the Heritage Room/Gallery Area.	GEN FD	110	62950	122,254	249,488	160,800	144,400	-	-	-	676,942

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Fire Facilities Expansion/Planning</u> 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
<u>Public Access Compressed Natural Gas</u> Expand the CNG storage and dispensing capabilities of the CNG fueling station located at 430 N. Cota Avenue.	FLT OPER	682	68380	60,992	17,718	-	-	-	-	-	-	78,710
<u>Corporation Yard Facility Capital Improvements</u> 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 FLEET	110 682	68920 68920	116,652 -	169 77,500	- -	- -	- -	- -	- -	- -	116,822 77,500
<u>Airport Facilities Capital Improvements</u> Restripe, Improvements to tie-downs. FY 2019-20 Runway rehab, work performed over two years.	AIRPT	275	69890	70,183	190,317	32,000	-	-	-	-	-	292,500
<u>Historic Civic Center Facility Capital Improvements</u> Portion of roof over theater is leaking and in need of repair and/or replacement.	CIVICCTR	232	70140	72,000	-	105,000	-	14,500	-	-	-	191,500
<u>Vicentia Activity Center</u> Interior ADA improvements to the building.	PBMTF	215	71640	13,364	26,636	-	-	-	-	-	105,000	145,000
<u>City Hall Security Improvements</u> City Hall security improvements as related to active shooter incident or threats against City employees and citizens.	GEN FD	110	71650	7,011	767,989	-	-	-	-	-	-	775,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<p><u>Community Center Facilities Capital Improvements</u> The entry into the Senior Center parking lot is narrow. This project will remove the median and install parking lot delineators. Safety concern due to past accidents. Installation of one exterior wall mounted ladder on the Senior Center building. Staff and contractors do not currently have a safe way to access the roof. This is a safety concern. Lighting in the Senior Center parking lot is limited, making conditions unsafe and difficult to see. This project will install more lighting in the parking lot. Two wall partitions at the Senior Center are not working properly. Project will replace these partitions.</p>	GEN FD	110	72080	68,454	4,946	164,100	-	-	-	-	-	237,500
<p><u>Police Department Facility Improvements</u> Installation of a standing awning over the Motorcycle Pad area at the Police Department. This would ensure officer safety and protection of City-owned equipment.</p>	GEN FD	110	72530	68,028	-	22,000	15,000	15,000	15,000	-	200,000	335,028
<p><u>Replacement of Dispatch Furniture</u> 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.</p>	GEN FD	110	72570	221,626	28,374	-	-	-	-	-	-	250,000
<p><u>Library Automated Materials Handling System</u> 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.</p>	LIB CF	206	72590	16,122	141,442	-	-	-	-	-	-	157,564

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Animal Shelter Gate and Driveway</u> Widen secured gate and install concrete driveway approach. Current configuration is too small and is resulting in damage to fencing and city vehicles.	GEN FD	110	73780	23,596	1,404	-	-	-	-	-	-	25,000
<u>Prop 68 City Park Improvements</u> Preparation of materials for public information meetings to determine design elements for the grant application for Prop 68 for City Park Improvements. Prepare graphics and design plans for purpose of submitting a grant application.	GEN FD	110	73830	17,561	17,439	-	-	-	-	-	-	35,000
<u>Emergency Operations Center Upgrade</u> EOC audio / video equipment is outdated and unable to fulfill needs of staff in an emergency. Adding equipment and broadcasting capabilities to be utilized in emergency / disaster situations.	GEN FD	110	75090	-	-	404,000	-	-	-	-	-	404,000
<u>Police Locker Room Return Air Duct</u> The Controlled air intake into the Police locker area is controlled by 100% of outside air. It is recommended to redesign 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				\$ 2,281,843	\$ 1,876,849	\$ 1,051,200	\$ 234,400	\$ 29,500	\$ 15,000	\$ -	\$ 875,000	\$ 6,363,792

Program Name: Facilities, Systems and Community Assets

Project Name and Description	Fund Source	Fund No.	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Program Category: City Systems and Controls												
Jail Control System and Phones Replace the existing analog intercom system with a virtualized IP based system and to program and map the new system to match the current jail configuration. The system allows an office to centrally control and monitor the locks on the jail cell doors from a touch screen and provide the intercom service for the jail cells. Replace inmate phones in the male, female pods and the payphone with the ability to assign to a PIN to inmates for call charges. The phone system allows for phone recording and monitoring.	GEN FD	110	60350	-	80,000	-	-	-	-	-	-	80,000
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	1,381,522	399,498	-	-	-	-	-	-	1,781,020
	POL FAC	213	69120	13,712	1,289	-	-	-	-	-	-	15,000
	WTRUF	570	69120	90,895	14,150	-	-	-	-	-	-	105,045
	WRUF	572	69120	90,895	14,150	-	-	-	-	-	-	105,045
Emergency 911 Phone System Replacement of the current emergency 911 phone system, voice recording system, EMD certification software and maintenance of these systems.	GEN FD	110	70100	883,341	-	25,000	46,000	515,000	-	-	550,000	2,019,341
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	1,234,713	154,977	-	-	-	-	-	-	1,389,690
	REIMB GT	480	70113	32,400	-	-	-	-	-	-	-	32,400

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
City Unified Camera Project, Phase II	GEN FD	110	70150	471,214	53,995	-	-	-	-	-	-	525,209
Phase II for the closed circuit television (CCTV) high definition cameras and supporting infrastructure	WTRUF	570	70150	169,646	60,284	3,000	-	-	-	-	-	232,930
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	35,000	-	-	-	-	-	173,877
	FLEET	682	70150	-	25,502	5,000	-	-	-	-	-	30,502
	CDBG	431	70156	92,281	-	-	-	-	-	-	-	92,281
Police Body Worn Cameras	GEN FD	110	71630	251,850	24,150	-	35,000	35,000	35,000	-	355,000	736,000
Purchase of body worn cameras and related equipment, to document incidents that occur within the community.												
Fire Station Alerting Systems	GEN FD	110	71660	16,717	248,283	-	-	-	-	-	-	265,000
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	-	285,000	-	-	-	-	-	-	285,000
Police CAD/RMS System	GEN FD	110	71670	1,364,332	582,668	-	-	-	-	-	-	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	135,928	364,072	-	-	-	-	-	-	500,000
Purchase and implementation of a system to assist with more accurate timekeeping capabilities.												

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<p><u>New VHF Radio Simulcast and Backhaul System</u> 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.</p>	GEN FD	110	72520	185	1,999,815	-	-	-	-	-	-	2,000,000
<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	150,874	39,126	-	-	-	-	-	-	190,000

Program Name: Facilities, Systems and Community Assets

Project Name and Description	Fund Source	Fund No.	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Grapehill Telecommunication 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.	GEN FD	110	72820	17,893	41,667	-	-	-	-	-	-	59,560
	RECYC	567	72820	10,774	25,178	-	-	-	-	-	-	35,952
	WTRUF	570	72820	51,360	85,141	-	-	-	-	-	-	136,501
	WRUF	572	72820	41,245	94,256	-	-	-	-	-	-	135,501
<u>CNG Station Fuel Master Software Upgrade</u> Upgrade the Fuelmaster software that controls the CNG stations; required to meet PCI (Payment Card Industry) compliance.	IT	681	73090	-	-	25,000	-	-	-	-	-	25,000
<u>Electronic Document Management System (EDMS)</u> Consulting services to evaluate the needs for EDMS system and develop an RFP that ensures that the needs of the City departments are evaluated and an EDMS system selected would provide the best value for the City.	IT	681	75080	-	-	100,000	-	-	-	-	-	100,000
<u>SD-WAN Solution</u> This will provide high availability network connectivity at remote (WAN) facilities, such as the Fire Stations. If one circuit fails the secondary circuit will become active.	IT	681	76090	-	-	50,000	50,000	-	-	-	-	100,000
<u>Security Solution to Identify Nefarious Movement</u> To give the City insight as to what activity is occurring within the network and ensure we are meeting compliance standards, such as PCI (Payment Card Industry) and HIPAA (Health Insurance Portability and Accountability Act).	IT	681	77000	-	-	150,000	-	-	-	-	-	150,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	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				\$ 6,527,279	\$ 4,706,575	\$ 393,000	\$ 131,000	\$ 550,000	\$ 35,000	\$ -	\$ 985,000	\$ 13,327,854

Program Category: 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.	WLDLD	207	62900	66,592	1,405	38,000	-	-	-	-	-	105,997
	FIRFC	209	62900	-	-	122,056	-	-	-	-	-	122,056
	FIRE FAC	214	62900	789,679	21,815	217,000	-	-	-	-	-	1,028,494
City of Corona: Code Enforcement Interior housing Inspections for Health and Safety concerns.	CDBG	431	63461	95,992	-	100,000	-	-	-	-	-	195,992
Community Events - Co-Sponsored Co-sponsor community and City signature events.	GEN FD	110	63800	-	51,968	-	-	-	-	-	-	51,968
Library Materials 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.	GEN FD	110	63900	202,079	-	-	-	-	-	-	-	202,079
	LBRIF	206	63900	604,237	37,664	-	-	-	-	-	-	641,901
Library Materials - Adopt A Book (Friends) 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. Donated funds by Friends of the Corona Public Library.	GEN FD	110	63901	100,905	2,234	-	-	-	-	-	-	103,139
Skypark OPA Reimbursement per the Owner Participation Agreement and Economic Development Job Creations Grant for the development of industrial, office and research and development buildings.	SUC AG	417	65810	308,249	740	77,000	78,540	80,111	81,713	83,347	1,291,041	2,000,740

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Residential Rehabilitation Program	CDBG	431	67133	807,976	381,069	-	-	-	-	-	-	1,189,045
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	1,372,486	568,556	-	-	-	-	-	-	1,941,042
Vehicle Replacement	FLEET	682	68340	3,484,819	131,381	-	-	-	-	-	-	3,616,199
Citywide vehicle replacement and up fit.												
Temescal Canyon/ Dos Lagos Owner Participation Agreement	SUC AG	417	68530	6,803,185	1	1,008,908	463,938	-	-	-	-	8,276,031
Reimbursement per the OPA for Public Improvements.												
City Council Chamber Upgrade	GEN FD	110	68590	1,133,095	5,981	-	-	-	-	-	-	1,139,076
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	1,499,776	21,559	650,000	663,000	676,260	689,785	703,581	3,857,700	8,761,662
Reimbursement per the OPA for Public Improvements.												
Casa de la Villa	SUC AG	417	68700	2,700,000	-	450,000	450,000	450,000	450,000	450,000	-	4,950,000
Affordable Housing Agreement annual pledge.												
General Plan/Climate Action Plan Update	GEN FD	110	69060	1,001,736	70,354	300,000	-	-	-	-	-	1,372,090
The Housing Element is required to be updated every 8 years in accordance with the Regional Housing Needs Assessment administered by SCAG. This is a mandatory requirement for all local agencies.												
Technology Enhancements	GEN FD	110	70130	176,210	73,790	-	-	-	-	-	-	250,000
Technological devices and/or software system improvements to enhance communication and efficiencies within the organization.												
Community Housing Development Organization	HOME	432	71697	-	44,312	-	-	-	-	-	-	44,312
Preservation of the quality of existing affordable housing stock occupied by low and moderate income households.												

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Community Housing Development Organization</u> Preservation of the quality of existing affordable housing stock occupied by low and moderate income households.	HOME	432	71698	-	44,548	-	-	-	-	-	-	44,548
<u>Corona Innovation Center</u> 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	27,036	222,964	-	-	-	-	-	-	250,000
<u>Auto Center Sign</u> Replacement of Auto Center Sign.	GEN FD	110	71710	-	150,000	-	-	-	-	-	-	150,000
<u>CC Development/Orange Housing Development Agreement</u> 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
<u>Household Hazardous Waste Facility</u> Construction of a permanent Household Hazardous Waste facility for Corona and Riverside County residents to drop off waste not suitable for landfill disposal.	GEN FD NPDES REIMB GT WTRUF	110 245 480 570	71990 71990 71990 71990	- 17,763 - 74,272	- 32,237 - 355,528	265,000 - 250,000 -	- - - -	- - - -	- - - -	- - - -	- - - -	265,000 50,000 250,000 429,800
<u>Emergency Flood Response Grant</u> Development of an Emergency Flood Response Plan in consultation and coordination with other local and state agencies. Development of an Emergency Flood Response Plan in consultation and coordination with other local and state agencies. CA Dept of Water Resources (DWR) Flood Emergency Response Projects (Prop 84) Statewide in union with the Fire Dept. for Corona Flood Emergency Response Project to develop the Emergency Flood Response Plan. Grant to reimburse for City staff time used in plan preparation.	GEN FD	110	72010	67,836	7,164	-	-	-	-	-	-	75,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<p><u>Corona-Norco Family YMCA Childcare and Fine Arts</u> 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).</p>	CDBG	431	72641	-	-	26,750	-	-	-	-	-	26,750
<p><u>Corona-Norco United Way (CNUW) Children and Youth Success</u> 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.</p>	CDBG	431	72671	-	-	26,750	-	-	-	-	-	26,750
<p><u>Corona-Norco United Way (CNUW) Children's Wellness Program</u> The Corona-Norco United Way's Children's Wellness Program (CWP) will focus on 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.</p>	CDBG	431	72691	-	-	26,750	-	-	-	-	-	26,750

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
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
	INFO TECH	681	72750	-	150,000	-	-	-	-	-	-	150,000
Big Brothers/Sisters Mentoring Program	CDBG	431	72791	-	-	26,750	-	-	-	-	-	26,750
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.												
Inspire Life Skills Training	CDBG	431	72841	-	-	26,750	-	-	-	-	-	26,750
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.												

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	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 that opened in 2019. 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 multi-purpose 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	72851	-	-	26,750	-	-	-	-	-	26,750
<p>Community Housing Development Organization Preservation of the quality of existing affordable housing stock occupied by low and moderate income households.</p>	HOME	432	72869	-	137,912	-	-	-	-	-	-	137,912
<p>Council of 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	72871	-	-	26,750	-	-	-	-	-	26,750
<p>Public Facilities 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	51,952	548,048	-	-	-	-	-	-	600,000
<p>City Hall Whole Building Energy Efficiency Project Includes implementing chilled water and static pressure resets, replacing interior lights with LED lamps and replacing ballasts as needed, implementing a lighting control system, and applying a "cool roof" to City Hall.</p>	GEN FD	110	73790	97	214,903	-	-	-	-	-	-	215,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<p><u>VoIP Phone Service</u> The project will involve the design, build and implementation of a new hosted Voice Over Internet Protocol phone system for the City. This will allow the City's phone system to have high availability in the case of a disaster as the new VOIP system will only require an internet connection to function and will continue to work even if our infrastructure is down. The new VOIP system also has additional functionality and security which allow for more call center and call handling options and will provide opportunities for integration with other core systems. This system is currently being piloted in multiple departments.</p>	INFO TECH	681	74040	-	400,000	-	-	-	-	-	-	400,000
<p><u>Enterprise Power Backup and Storage</u> This project will refresh the City's aging data storage systems and Uninterruptable Power Supply systems both of which are nearing end of support. These systems are elementary in keeping the network running and ensuring data is available.</p>	INFO TECH	681	74050	-	150,000	-	-	-	-	-	-	150,000
<p><u>Budget Management Software</u> The project will involve the implementation of a budgeting tool that will make the budgeting process and budget document development more efficient, reducing processing time and minimizing room for error.</p>	INFO TECH	681	74060	182,740	2,260	-	-	-	-	-	-	185,000
<p><u>Fire Incident Report Writing Software</u> New system will improve report writing capabilities and accessibility from mobile devices.</p>	INFO TECH	681	74070	95,360	3,500	-	-	-	-	-	-	98,860

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<p><u>City of Corona Emergency-Related Activities</u> This will provide vital public services designed to prevent, prepare for, and respond to the COVID-19 pandemic. This includes unanticipated City expenses incurred to purchase computer equipment, information technology expenses, and other supplies necessary for public safety personnel and support personnel to prepare for, prevent, and respond to COVID-19 in the community. This includes purchase and installation of safety measures such as plexiglass shields in indoor public spaces and other measures designed to protect public health for public service providers, residents and stakeholders as they visit City public facilities.</p>	CDBG	431	75000	-	176,000	-	-	-	-	-	-	176,000
<p><u>CDBG-CV Program Planning, Administration, and Monitoring</u> This will pay for the City's costs to plan for the use of CDBG-CV funds, process all required grant administration documents, forms, agreements, and payments, and to monitor and report to HUD concerning implementation of activities in compliance with federal regulations.</p>	CDBG	431	75010	9,000	137,977	-	-	-	-	-	-	146,977
<p><u>City of Corona: Homeless Shelter Rehabilitation</u> Improve community facilities to ensure that the City can proactively address street homelessness as it occurs through an emergency shelter that provides a venue to assess and assist literally homeless individuals and families. Additionally, invest in the revitalization of existing community facilities and explore options for new community facilities, including the City's aging parks and recreational facilities.</p>	CDBG	431	75020	-	-	765,209	-	-	-	-	-	765,209

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<p><u>Tenant-Based Rental Assistance</u></p> <p>The City of Corona will use a portion of its HOME funds to provide Tenant-Based Rental Assistance. Based on evaluation of 2011-2015 ACS and CHAS data, there is a high need for housing units affordable for households earning less than 80 percent of AMI. Of the 14,655 households earning 0-80 percent of AMI in the City, 11,684 are cost burdened households—meaning households paying more than 30 percent of their income for housing.</p>	HOME	432	75030	-	-	355,869	-	-	-	-	-	355,869
<p><u>Affordable / Permanent Supportive Housing Development</u></p> <p>This project also allocates HOME funds for future development of affordable rental housing, including permanent supportive housing units for individuals, families, persons with special needs, and persons experiencing homelessness or at-risk of homelessness.</p>	HOME	432	75040	-	-	200,000	-	-	-	-	-	200,000
<p><u>License Plate Reader Project</u></p> <p>Install approximately 20 fixed License Plate Reader Cameras in the Temescal Valley benefit area. License Plate Readers provide agencies with a way to rapidly deploy high-performance license plate recognition (LPR) for fixed strategic locations, and special events, tactical operations such as roadside checkpoints. LPRs provides officers in the field with real-time field intelligence to improve their safety and enhance the efficiency of their patrol. The devices can be mounted on vendor supplied poles or into current city owned infrastructure. Depending on the company, the cameras can be solar powered and energy efficient. LPRs identify vehicle make, model, type, and color providing law enforcement with an immediate alert of pre-designated vehicles of interest. This technology acts as a force multiplier for our agency by placing cameras in strategic locations that are less accessible due to location or traffic conditions. LPRs can capture information from all vehicles in the area that could prove essential in identifying suspects and solving crimes.</p>	POLFC	208	76020	-	-	85,118	-	-	-	-	-	85,118

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Penetration (PEN) Testing Testing is required to meet PCI (Payment Card Industry) compliance. Testing will be external, internal, and application based.	IT	681	76040	-	-	100,000	100,000	100,000	100,000	100,000	-	500,000
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.	BUSIMP	218	84220	548,141	351,893	306,112	-	-	-	-	-	1,206,146
Police Equipment Acquisition Various police equipment related to community and/or development impacts.	POL FAC	213	86450	585,746	153,778	-	200,000	-	-	-	-	939,524
Citywide Facilities Inventory Inventory of constructed and missing Master Planned facilities as specified by the current Master Facility Plan.	LBRIF	206	86900	-	4,000	-	-	-	-	-	-	4,000
	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
	SC LND	274	86900	-	2,370	-	-	-	-	-	-	2,370
Citywide Development Impact Fee Review Review and update of the Citywide Development Impact Fees to reflect changes in construction costs and remaining developing units.	LBRIF	206	86910	-	2,832	-	-	-	-	-	-	2,832
	POLFC	208	86910	-	2,832	-	-	-	-	-	-	2,832
	FIRFC	209	86910	-	2,832	-	-	-	-	-	-	2,832
	STSIG	211	86910	-	10,007	-	-	-	-	-	-	10,007
	DRAIN	212	86910	-	5,382	-	-	-	-	-	-	5,382
	POL FAC	213	86910	-	2,832	-	-	-	-	-	-	2,832
	FIRE FAC	214	86910	-	2,832	-	-	-	-	-	-	2,832
	PBMTF	215	86910	-	2,832	-	-	-	-	-	-	2,832
	AQUAC	216	86910	-	1,082	-	-	-	-	-	-	1,082
	SC MT	261	86910	-	-	-	-	-	-	-	-	-
Community Assets and Programmatic Projects Total				\$ 25,366,621	\$ 5,057,743	\$ 5,477,522	\$ 1,955,478	\$ 1,306,371	\$ 1,321,498	\$ 1,336,928	\$ 5,148,741	\$ 46,970,902
FACILITIES, SYSTEMS & COMMUNITY ASSETS TOTAL				\$ 34,175,743	\$ 11,641,167	\$ 6,921,722	\$ 2,320,878	\$ 1,885,871	\$ 1,371,498	\$ 1,336,928	\$ 7,008,741	\$ 66,662,548

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost	
Program Category: General Safety, Maintenance and Other Improvements												
Citywide ADA Improvements	GEN FD	110	68690	1,133,173	1,770,507	1,000,000	1,000,000	1,000,000	1,000,000	-	-	6,903,680
ADA improvements \$1M annually for 5 years. Year 1 Parks - Citrus, Mountain Gate, Promenade and Santana; Year 2 Parks - Auburndale, Contreras, Cresta Verde, Ontario, Ridgeline and Victoria; Year 3 Parks - Border, Brentwood, Fairview, Kellogg, Sheridan and Tehachaipi; Year 4 Parks - Husted, Lincoln, Mangular, Rimpau, Serfas Club, Spyglass, Stagecoach and Village; Year 5 Parks - Buena Vista, Butterfield, Chase, City, Eagle Glen, Jameson, Parkview, River Road and Rock Vista.	PKSOS	217	68690	815,828	194,002	-	-	-	-	-	-	1,009,830
Parks Hardscape	PKSOS	217	68900	334,957	1,285,189	-	-	-	-	-	-	1,620,146
Butterfield-West Parking Lot \$800k, City Park Armory Parking Lot \$200k.												
Parks Basic Amenities	PKSOS	217	68960	229,703	949,488	-	-	-	-	-	-	1,179,192
installation of drinking fountains & trash cans parkwide.												
Parks Enhanced	PKSOS	217	68980	402	598	-	-	-	-	-	-	1,000
Enhanced amenities covers items not commonly provided such as exercise circuit, special playground equipment, etc.												
Parks Lighting Improvements	PKSOS	217	68990	79,964	105,036	-	-	-	-	-	-	185,000
Lighting improvements at citywide parks, excluding Butterfield, estimated at \$2,000 per pole.												
Parks Facility Improvements	PKSOS	217	69010	1,819,635	612,723	-	-	-	-	-	-	2,432,357
Concession stands at Butterfield & Citrus, River Road restroom, storage building & switch gear at Citrus.												
Aquatic Improvements	AQUAC	216	69630	8,264	100,236	-	-	-	-	-	-	108,500
Improvements at aquatic facilities. Auto Chemical System at Auburndale, Shade Sails at Auburndale & City Park.												

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
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	1,241,777	551,449	-	-	-	-	-	-	1,793,226
Landscape Retrofit Project Replace turf and replace with drought tolerant plants and drip irrigation.	CFD971	248	70460	1,503,089	396,364	-	-	-	-	-	-	1,899,453
	CFD 2001-1	249	70460	568,342	21,747	-	-	-	-	-	-	590,089
	84-2 ZN2	455	70460	606,939	197,650	-	-	-	-	-	-	804,589
LMD 84-2 Zone 10 Slope Improvement/Stabilization Project Capital improvements to control erosion and provide for a safe and aesthetically pleasing landscape.	84-2 ZN10	460	71620	92,584	907,416	-	-	-	-	-	-	1,000,000
CFD 10-Year Plan The plan will be developed in two phases. The first phase will involve the assessment of the existing landscaping areas in order to develop a long-term master capital improvement plan for the eventual rehabilitation and replacement of landscaping and irrigation. The plan will evaluate the condition of the plant materials, irrigation, and any slope areas that may require special maintenance, and develop a prioritization for the proposed projects based on the current condition and anticipated life cycle. It will also provide construction cost estimates for the projects by landscape meter. The second phase of the project will entail the development of a financial model for each CFD. The models will be developed to ensure that ongoing maintenance and CIPs can be performed, while still maintaining the necessary financial health and reserve balances for each CFD. The model will provide the roadmap for the planned CIPs for each district, as well as become a tool for gauging the appropriate level of service and the basis for revenue adjustments in the future.		247	73310	9,942	2,058	-	-	-	-	-	-	12,000
		248	73310	17,049	8,951	-	-	-	-	-	-	26,000
		249	73310	28,956	49,044	-	-	-	-	-	-	78,000
		251	73310	7,898	1,102	-	-	-	-	-	-	9,000
		253	73310	3,558	1,442	-	-	-	-	-	-	5,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Trails Master Plan To prepare a master plan of trails within the City of Corona and Corona's sphere of influence.	GEN FD	110	73820	-	36,910	-	-	-	-	-	-	36,910
Parks Facilities and Amenities Inventory The project will provide funding for a comprehensive inventory of park locations, facilities, and amenities throughout the City.	GEN FD	110	73840	97	229,903	-	-	-	-	-	-	230,000
	PBMTF	215	73840	795	29,205	-	-	-	-	-	-	30,000
	PKSOS	217	73840	601	29,399	-	-	-	-	-	-	30,000
Fresno Canyon Trailhead Improvements The project will install a Big Belly trash can, signage, and pet waste bags at the Fresno Canyon Trailhead.	PKDEV	288	73880	4,941	1,059	-	-	-	-	-	-	6,000
Victoria Park Picnic Shelter There is no current picnic shelter at Victoria Park. The community has expressed a desire to have a picnic shelter, so this project would add a metal shelter to the park.	PKSOS	217		-	-	-	160,000	-	-	-	-	160,000
General Safety, Maintenance and Other Improvements Total				\$ 8,508,496	\$ 7,481,476	\$ 1,000,000	\$ 1,160,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 20,149,972

Program Category: Parks Paving, Courts, and Pathways

Auburndale Amenities Improvement Construct new pickleball courts and basketball courts.	PKSOS	217	72600	-	630,640	-	-	-	-	-	-	630,640
South Corona Master Planned Landscape Construct missing Master Planned Landscaping in South Corona as specified by the South Corona Community Facility Plan.	SC LND	274	80080	-	796,166	-	-	-	-	-	-	796,166
Parks Paving, Courts, and Pathways Total				\$ -	\$ 1,426,806	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,426,806

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Program Category: Playgrounds, Fencing, and Lighting												
Griffin Park	GEN FD	110	71720	7,084	53,331	-	-	-	-	-	-	60,414
Addition of tot lot, lighting, walkway, ADA, camera, etc. to Griffin Park.	PKSOS	217	71720	52,017	247,983	-	-	-	-	-	-	300,000
Prop 68 per Capita Playground Replacement	REIMB GT	480	73330	-	200,000	-	-	-	-	-	-	200,000
The typical life cycle for playground equipment is 25 years. The playgrounds at both Tehachapi and Creste Verde Parks are at or beyond their useful life and need to be replaced. Tehachapi Park's playground is 25 years old, and Creste Verde's is 23 years old. Replacement components are no longer available for either playground, which means portions will need to be removed as they become inoperable.												
Mountain Gate Park Playground Equipment Replacement	GEN FD	110	73800	-	120,000	-	-	-	-	-	-	120,000
ADA improvements are being done at Mountain Gate Park including installing rubberized surfacing. The existing playset is obsolete, past its useful life and requires replacement.	PKSOS	217	73800	4,680	75,320	-	-	-	-	-	-	80,000
Santana Park Accessible Playground	GEN FD	110	73810	8,649	391,351	-	-	-	-	-	-	400,000
Santana Park Accessible Playground design and installation.												
Lincoln Park Playground Equipment Replacement	GEN FD	110	73850	50,386	-	-	-	-	-	-	-	50,386
Playground equipment at Lincoln Park is obsolete and in need of replacement. Parts are not available for repair, causing a safety issue.	PKSOS	217	73850	198,595	1,405	-	-	-	-	-	-	200,000
Playgrounds, Fencing, and Lighting Total				\$ 321,411	\$ 1,089,389	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,410,801
PARKS AND OPEN SPACE TOTAL				\$ 8,829,907	\$ 9,997,671	\$ 1,000,000	\$ 1,160,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 22,987,578

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Program Category: Bridges, Railroads and Freeways											
Magnolia Avenue Widening	STSGI	211	62410	4	1,256,321	-	-	1,000,000	-	-	2,256,325
Widening of Magnolia Avenue between El Camino	GASTX	222	62410	-	100,000	-	100,000	1,000,000	100,000	-	1,300,000
Avenue and All American Way, which includes widening	MEASA	227	62410	192,478	1,275,962	-	600,000	1,000,000	600,000	-	3,668,440
of the bridge that crosses the Temescal Wash.	PWGT	243	62411	147,708	295,292	-	-	-	-	-	443,000
McKinley Grade Separation	GASTX	222	69370	202,071	17,954	-	-	-	-	-	220,025
Construction of a new bridge over the BNSF Railroad	MEASA	227	69370	2,643	1,997,593	-	-	-	-	-	2,000,236
tracks at McKinley to eliminate the current at-grade	PWGT	243	69370	14,102,814	70,347,186	-	-	-	-	-	84,450,000
crossing.	PWGT	243	69371	317,307	1,140,878	-	-	-	-	-	1,458,185
	PWGT	243	69372	-	2,000,000	-	-	-	-	-	2,000,000
Cajalco / I-15 Interchange Improvements	GEN FD	110	69500	276,057	71	-	-	-	-	-	276,128
Widen Cajalco Road from two to six lanes from	STSIG	211	69500	40,313	192,516	-	-	-	-	-	232,828
Temescal Canyon Road to Bedford Canyon Road and	GASTX	222	69500	22,093	12,191	250,000	-	-	-	-	284,284
reconstruct the existing interchange on Interstate 15 (I-	PWGT	243	69500	6,633,905	565,095	-	-	-	-	-	7,199,000
15) at Cajalco Road to accommodate current and future	PWGT	243	69501	62,433,589	4,559,605	-	-	-	-	-	66,993,194
traffic demands. The new six-lane bridge and all ramps	TMFW	479	69500	3,847,000	-	-	-	-	-	-	3,847,000
will be widened and realigned.											
Auto Center Drive/Burlington Northern Santa Fe	GEN FD	110	71150	116,720	1,163,876	-	-	-	-	-	1,280,596
Railroad Grade Separation	MEASA	227	71150	900,528	289,449	-	-	-	-	-	1,189,977
Construction of a grade separation (bridge) over the	PWGT	243	71150	27,090,274	3,239,578	-	-	-	-	-	30,329,852
Burlington Northern Santa Fe Railroad tracks at Auto	TUMFW	479	71150	1,468,039	187,736	-	-	-	-	-	1,655,775
Center Drive to eliminate the current at-grade crossing.											
Bridge Evaluation	MEASA	227	71790	172,393	393,282	-	-	-	-	-	565,675
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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost	
Infrastructure for Rebuilding America (INFRA)	GASTX	222	73860	-	-	-	500,000	500,000	-	-	-	1,000,000	
- SR-91 Corridor Projects	MEASA	227	73860	-	-	-	500,000	500,000	-	-	-	1,000,000	
Support for Riverside County Transportation Commission's ("RCTC") pursuit of federal funding for the Rebuilding America ("INFRA") program for the State Route 91 Workforce to Workplace Vitality Network, consisting of the 15/91 Express Lanes Connector Project, the 71/91 Interchange Improvement Project, and the 91 Corridor Operations Project and declares the City's intent to financially partner with RCTC on these three projects pursuant to future fiscal year budget actions.													
South Corona Master Planned Streets	STSIG	211	80020	-	100,000	-	-	-	-	-	-	100,000	
Construct missing Master Planned Street Improvements in South Corona as specified by the South Corona Community Facility Plan.	SC MT	261	80020	44,709	-	-	-	-	-	-	-	44,709	
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					\$ 118,010,644	\$ 89,572,960	\$ 250,000	\$ 1,700,000	\$ 4,000,000	\$ 700,000	\$ -	\$ -	\$ 214,233,604

Program Category: Paving and Striping

Overlook Street Improvements	GEN FD	110	68330	429	18,755	-	-	-	-	-	-	19,184
Pavement construction and rehabilitation for various roads in the Overlook area over several years.	GASTX	222	68330	213,480	286,520	-	-	-	-	-	-	500,000
	MEASA	227	68330	12,798	337,202	-	-	-	-	-	-	350,000
Local Street Pavement Rehabilitation	RMRA	221	69210	160,501	-	1,646,000	-	-	-	-	-	1,806,501
Pavement rehabilitation for local streets in accordance with the current Pavement Management Study.	GASTX	222	69210	230,277	-	-	-	-	-	-	-	230,277
Rehabilitation may include reconstruction paving, crack sealing, slurry, etc.	MEASA	227	69210	4,108,513	1,006,666	1,154,000	1,000,000	1,000,000	-	-	-	8,269,179

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Pavement Maintenance and Resurfacing</u>	GASTX	222	69220	745,101	407	150,000	-	-	-	-	150,000	1,045,507
Resurface and repair potholes and miscellaneous pavement failures with City staff and/or contracted services.	MEASA	227	69220	1,917,619	33,685	150,000	150,000	150,000	-	-	150,000	2,551,304
<u>Citywide Master Plan Street Improvements</u>	STSIG	211	69510	-	1,587,748	-	-	-	-	-	-	1,587,748
Construct missing streets as specified by the Master Facility Plan and Ordinance 2552; amended by Ordinance 2630.												
<u>Ontario Avenue Street Improvements</u>	MEASA	227	69690	583,135	-	-	-	-	-	-	-	583,135
Cold in-place recycling (CIR) of existing pavement along Ontario Avenue between California Avenue and Magnolia Avenue.	PWGT	243	69690	750,507	81,740	-	-	-	-	-	-	832,247
<u>Major Streets Pavement Rehabilitation</u>	RMRA	221	70800	494	-	1,200,000	-	-	-	-	-	1,200,494
Pavement rehabilitation for major thoroughfares in accordance with the Pavement Management Program.	GASTX	222	70800	402,499	24,571	-	-	-	-	-	-	427,070
Rehabilitation may include reconstruction paving, crack sealing, slurry, etc.	MEASA	227	70800	3,462,147	2,224	-	-	-	-	-	-	3,464,371
	PWGT	243	70800	-	140,830	-	-	-	-	-	-	140,830
<u>Ontario Avenue Widening</u>	STSIG	211	72100	268,875	984,125	-	-	-	-	-	-	1,253,000
Widening of Ontario Avenue between Compton Avenue and State Street.	MEASA	227	72100	57,269	942,731	500,000	-	-	-	-	-	1,500,000
	PWGT	243	72100	22,356	1,448,644	-	-	-	-	-	-	1,471,000
<u>Rubberized Asphalt Concrete (RAC) Project</u>	RMRA	221	72610	-	494,109	-	-	-	-	-	-	494,109
Street and pavement rehabilitation using rubberized asphalt concrete (RAC)	MEASA	227	72610	-	50,000	-	-	-	-	-	-	50,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Butterfield Drive Road Relocation	GASTX	222	72620	102	149,898	-	-	-	-	-	-	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	STSIG	211	72650	-	-	200,000	-	-	-	-	-	200,000
Street Improvements to Quarry Street and Rimpau Avenue in support of the Maintenance Services Department.	MEASA	227	72650	-	45,500	-	-	-	-	-	-	45,500
Striping Rehabilitation	GASTX	222	72920	1,332,804	217,781	-	150,000	150,000	-	-	150,000	2,000,585
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	943,329	46,671	325,000	175,000	175,000	-	-	175,000	1,840,000
Street Pavement Maintenance and Rehabilitation	GASTX	222	73320	902,389	2,149	-	-	-	-	-	-	904,539
The Street Pavement Maintenance and Rehabilitation Project includes rehabilitation of approximately 68 lane-miles of local and major streets. Completion of this project will preserve the existing pavement, extend the useful life of the asphalt, and provide a smoother travel surface for motorists and pedestrians.	MEASA	227	73320	491,209	432,762	-	-	-	-	-	-	923,971
Overlook Road Maintenance	GASTX	222	73540	540	38,417	-	-	-	-	-	-	38,957
Maintenance and grading of existing roads in the Overlook area to ensure accessibility for emergency Police and Fire vehicles.	MEASA	227	73540	492	9,508	-	-	-	-	-	-	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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Oak Avenue Street Widening Design and construction of Oak Avenue; street widening, sidewalk, curb and gutter improvements. Construction to commence in FY 2022.	MEASA	227	76030	-	-	500,000	750,000	-	-	-	-	1,250,000
Foothill Parkway Westerly Extension Design and construction of Foothill Parkway from Trudy Way to Paseo Grande, including full street improvements for a new four-lane roadway.	GEN FD	110	86040	4,416,899	584,101	-	-	-	-	-	-	5,001,000
	STSIG	211	86040	504,957	43	-	-	-	-	-	-	505,000
	GASTX	222	86040	1,745,502	265,567	-	-	-	-	-	-	2,011,069
	MEASA	227	86040	758,010	1,936,020	-	-	-	-	-	-	2,694,030
	SC MT	261	86040	1,101,829	1,434,217	-	-	-	-	-	-	2,536,046
	SC LND	274	86040	635,265	0	-	-	-	-	-	-	635,265
	TUMFR	478	86040	6,798,934	4,333,097	-	-	-	-	-	-	11,132,031
	WTRUF	570	86040	3,399,602	-	-	-	-	-	-	-	3,399,602
Reimbursement Agreement Payments - Drainage Payments due to developers in compliance with existing reimbursement agreements.	DRAIN	212	86920	196,127	207,873	-	-	-	-	-	30,000	434,000
Paving and Striping Total				\$ 36,163,991	\$ 17,843,560	\$ 6,975,000	\$ 2,225,000	\$ 1,475,000	\$ -	\$ -	\$ 655,000	\$ 65,337,551

Program Category: Planning and Studies

Citywide Benchmark Update Update of Citywide benchmarks and adjustments to NAD 83.	GASTX	222	68860	-	190,000	-	-	-	-	-	-	190,000
	MEASA	227	68860	-	40,000	-	-	-	-	-	-	40,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Pavement Management Study</u> 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.	MEASA	227	70690	141,016	65,084	10,000	50,000	10,000	10,000	-	10,000	296,100
Planning and Studies Total				\$ 141,016	\$ 295,084	\$ 10,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ -	\$ 10,000	\$ 526,100

Program Category: Sidewalk, Curb and Gutters

<u>Sidewalk, Curb and Gutter Repair/Replacement/Maintenance</u> Street maintenance program for as-needed repairs or replacement of curb, gutter, sidewalk, and drive approaches.	GENFD	110	70730	598,300	-	-	-	-	-	-	-	598,300
	GASTX	222	70730	2,057,158	2,914	300,000	300,000	-	-	-	300,000	2,960,072
	MEASA	227	70730	2,531,395	29,687	300,000	300,000	-	-	-	300,000	3,461,082
<u>Citywide Sidewalk and ADA Improvements - Phase II</u> 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.	GASTX	222	72210	-	-	-	-	-	-	-	-	-
	MEASA	227	72210	116,069	1,483,931	-	-	-	-	-	-	1,600,000
<u>Second Street and Bollero Place Maintenance</u> 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.	PWGT	243	72480	-	25,000	-	-	-	-	-	-	25,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Magnolia Median Rehabilitation</u>	GASTX	222	72630	31,771	268,229	-	-	-	-	-	-	300,000
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.	MEASA	227	72630	21,181	178,819	-	-	-	-	-	-	200,000
<u>River Road Median Landscape Improvements</u>	MEASA	227	72680	29,500	470,500	-	-	-	-	-	-	500,000
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.												
<u>West Rincon Street Improvements</u>	GASTX	222	73870	-	250,000	250,000	-	-	-	-	-	500,000
Phase I: Prepare Design, Specifications and Environmental Plans to improve Rincon Street and drainage facilities between Smith Avenue and Lincoln Avenue to alleviate flooding and debris on the roadway. Phase II: Construction would proceed after completion of the Alcoa Dike on Rincon Street and Auburndale Street which is anticipated in 2022.	MEASA	227	73870	-	250,000	250,000	-	-	-	-	-	500,000
Sidewalk, Curb and Gutters Total				\$ 5,385,374	\$ 2,959,080	\$ 1,100,000	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$ 10,644,454

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost	
Program Category: Storm Drains, Culverts, Creeks, and Flood Control												
Remove Debris/Bedford Wash Temescal Canyon It has been determined that as a result of the heavy rains in February 2019, a significant amount of debris and sediment has accumulated within the Bedford Wash concrete channel under Temescal Canyon Road and within the concrete channel upstream and downstream of the Temescal Canyon Road crossing. The depth of sediment on the upstream side of the concrete channel has reached a height that threatens to block storm water runoff flow through Bedford Wash, which could result in flooding of Temescal Canyon Road and damage to the channel, roadway, and utilities in the upcoming storm season. In order to avoid flooding or damage to public improvements on Temescal Canyon Road, there is an immediate need to remove the accumulated sediment and debris within Bedford Wash in the vicinity of Temescal Canyon Road, including the first 200 linear feet of the rip-rap area downstream of the concrete channel before the rainy season begins. The debris removal downstream into the rip-rap area will be necessary to allow water into Bedford Wash to continue flowing unimpeded downstream of Temescal Canyon Road.	MEASA	227	60300	757	233,568	-	-	-	-	-	-	234,325
Corona Storm Drain Line 52 Construction of a 72-inch storm drain line in Joy Street from the Temescal Channel to East Grand Blvd. to East Third St. RCFCWCD Project Number 2-8-00350	DRAIN	212	62910	98,697	14,029	-	-	-	-	-	-	112,726
	MEASA	227	62910	169,901	132,966	-	-	-	-	-	-	302,867
	PWGT	243	62910	5,581,479	1,265,936	-	-	-	-	-	-	6,847,415
East Grand Boulevard Storm Drain Construction of a 36-inch storm drain line in East Grand Boulevard from Third Street to Seventh Street.	DRAIN	212	62920	8,628	141,372	100,000	-	-	-	-	-	250,000
	MEASA	227	62920	-	500,000	-	-	-	-	-	-	500,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Sixth Street and Yorba Street Waterline Replacement and Pavement Rehabilitation 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.	MEASA	227	72700	66,415	369,324	-	-	-	-	-	-	435,739
Chase Drive Improvements - Phase III Installation of a storm drain swale system, and construction of sidewalk and bike path improvements on Chase Drive from Sonrisa Drive to Garretson Avenue.	DRAIN MEASA SCMT	212 227 261	86050 86050 86050	- - -	90,906 - -	- - -	- - -	- - -	- - -	- - -	- - -	90,906 - -
Storm Drains, Culverts, Creeks, and Flood Control Total				\$ 5,925,877	\$ 2,748,101	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,773,978

Program Category: Traffic Signals

Citywide Traffic Signals Construction of traffic signals listed in the Master Facility Plan as specified by Ordinance 2630.	STSIG	211	70630	84,082	2,620,664	-	-	-	-	-	-	2,704,746
Miscellaneous Repair and Replacement of Traffic Signals 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.	GASTX MEASA SLMD	222 227 446	70940 70940 70940	652,432 393,520 -	167,325 16,480 7,376	210,000 - -	200,000 - -	200,000 - -	200,000 - -	200,000 - -	200,000 - -	2,029,757 410,000 7,376
Traffic Signal at Serfas Club Drive/Rancho Corona Road Installation of a developer-paid traffic signal at the intersection of Serfas Club Drive and Rancho Corona Road.	GEN FD MEASA	110 227	70270 70270	305,805 72,265	6,892 -	- -	- -	- -	- -	- -	- -	312,697 72,265

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	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	105,803	1,394,197	500,000	300,000	-	-	-	-	2,300,000
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. This project is fully funded by RCTC under the terms of a Reimbursement Agreement.	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	86,914 16,933	88,086 133,067	- 150,000	- -	- -	- -	- -	- -	175,000 300,000
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 Installation at Ontario Avenue / State Street Installation of a new traffic signal at Ontario Avenue and State Street. This is a Master Planned signal, and funded by Developer Impact Fees.	STSIG	211	72140	-	75,000	-	300,000	-	-	-	-	375,000
Citywide Traffic Signs Traffic signs required for public roadways citywide.	GASTX MEASA	222 227	72160 72160	9,245 4,938	20,755 10,062	20,000 -	15,000 -	15,000 -	15,000 -	- -	15,000 -	110,000 15,000

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Changeable Traffic Message Sign Replacement Replacement of four obsolete traffic message sign trailers.	MEASA	227	72220	31,605	32,395	-	-	-	-	-	-	64,000
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.	CFD03-1	252	72710	248,531	166,469	-	-	-	-	-	-	415,000
Traffic Signal at Bedford Canyon and Georgetown As part of the development agreement with the New Home Company for the Arantine Hills Development, a new traffic signal is required to be funded entirely by the developer prior to the issuance of the first production building permit. The new traffic signal at Bedford Canyon and Georgetown will help improve traffic circulation in the area by replacing the existing all-way stop signs. This traffic signal was included as a traffic mitigation measure for the Arantine Hills Development to improve traffic flow and traffic safety to the region. The project will include the construction of a new traffic signal, improvements to Americans with Disabilities Act (ADA) facilities in the area, rehabilitation of necessary pavement and roadway striping within the project limits and connection to the City's Advanced Traffic Management System.	PWGT	243	72900	7,111	473,474	-	-	-	-	-	-	480,585
Traffic Signal at Masters Drive and California Ave Project no. 2020-03: Design and Installation of Traffic Signal for Intersection of Masters/California/Upper/Valencia.	STSGI	211	77010	-	-	800,000	-	-	-	-	-	800,000
Traffic Signals Total				\$ 2,019,185	\$ 5,757,926	\$ 1,680,000	\$ 815,000	\$ 215,000	\$ 215,000	\$ 200,000	\$ 215,000	\$ 11,117,111
STREETS AND STORM DRAINS TOTAL				\$ 167,646,087	\$ 119,176,711	\$ 10,115,000	\$ 5,390,000	\$ 5,700,000	\$ 925,000	\$ 200,000	\$ 1,480,000	\$ 310,632,798

Program Name: Water

Project Name and Description	Fund Source	Project Fund No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
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Program Category: Reclaimed Water - General Safety, Maintenance and Other Improvements

Adjacent Irrigation Conversion	RECYC	567	73890	-	-	-	-	-	-	133,800	133,800	
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).	WTRUF	570	73890	-	100,350	100,350	100,350	100,350	-	-	401,400	
	WTRUG	571	73890	-	33,450	33,450	33,450	33,450	-	-	133,800	
	Total Reclaimed Water - General Safety, Maintenance and Other Improvements											
				\$ -	\$ -	\$ 133,800	\$ 133,800	\$ 133,800	\$ 133,800	\$ -	\$ 133,800	\$ 669,000

Program Category: Reclaimed Water - Pipelines Rehabilitation

Alcoa Reclaimed Water Effluent Relocation and Pipe Removal	WRUF	572	72720	305	1,399,695	-	-	-	-	-	1,400,000
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.											
					\$ 305	\$ 1,399,695	\$ -	\$ -	\$ -	\$ -	\$ -
Total Reclaimed Water - Pipelines Rehabilitation											

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	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	319,679	80,321	200,000	-	-	-	-	-	600,000
WRCRWA Booster Pump Station Construction of a Booster Pump Station for WRCRWA.	RECYC WTRUG	567 571		-	-	-	825,000 275,000	-	-	-	-	825,000
Total Reclaimed Water - Pump Stations				\$ 319,679	\$ 80,321	\$ 200,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ 1,425,000

Program Category: Reclaimed Water - Transmission and Distribution Pipelines

Western Riverside County Regional Wastewater Authority (WRCRWA) Reclaimed Waterline From Plant to Bluff/River Rd. 16" across bridge.	RECYC WTRUG WTRUG	567 571 571	69710 69710 69711	210,129 71,549 33,597	210,528 78,076 25,648	1,219,273 897,144 1,440,755	- - -	- - -	- - -	- - -	- - -	1,639,930 1,046,769 1,500,000
Old Temescal Road Reclaimed Waterline 8" line for 4400'. Fullerton & Old Temescal easterly to Compton.	RECYC WTRUG WTRUG	567 571 571	70370 70370 70371	105,811 27,875 -	15,308 4,838 -	- - -	832,450 444,415 500,000	- - -	- - -	- - -	- - -	953,569 477,128 500,000
Lincoln Avenue Reclaimed Waterline - Railroad to SR-91 Construct 2,500 LF of 8" DIP reclaimed waterline in Lincoln Avenue from Railroad to SR-91.	RECYC WTRUG	567 571	71500 71500	59,994 16,980	26,122 8,708	- -	- -	- -	- -	- -	- -	86,116 25,688
River Road Reclaimed Waterline - Corydon to Lincoln Construct 7,800 LF of 8" DIP reclaimed waterline in River Road from Corydon to Lincoln.	RECYC WTRUG	567 571	71860 71860	3,652 -	- -	- -	- -	2,898,000 966,000	- -	- -	- -	2,901,652 966,000
Reclaimed Waterline Infrastructure Replacement of reclaimed water pipelines, either scheduled replacements or due to emergency waterline breaks.	RECYC	567	73900	13,654	40,721	55,000	56,650	58,350	60,100	61,903	-	346,378

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Avenida Del Vista Reclaimed Pipeline</u>	RECYC	567		-	-	-	-	-	771,750	-	-	771,750
Reclaimed Distribution Pipeline at Avenida Del Vista	WTRUG	571				-	-	-	257,250	-	-	257,250
<u>California Industrial Complex Reclaimed Waterline</u>	RECYC	567		-	-	-	-	-	-	182,583	-	182,583
8" 4,300 lf pipeline that will deliver irrigation to support one of the City of Corona's largest water users.	WTRUG	571				-	-	-	-	1,677,457	-	1,677,457
<u>Lincoln Foothill Reclaimed Pipeline</u>	RECYC	567		-	-	-	-	-	-	563,250	-	563,250
Reclaimed Distribution Pipeline at Lincoln and Foothill.	WTRUG	571				-	-	-	-	187,750	-	187,750
Reclaimed Water - Transmission and Distribution Pipelines Total				\$ 543,241	\$ 409,948	\$ 3,612,172	\$ 1,833,515	\$ 3,922,350	\$ 1,089,100	\$ 2,672,943	\$ -	\$ 14,083,269

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

<u>Emergency Generators</u>	WTRUF	570	65310	646,767	606,668	500,000	515,000	530,450	-	-	-	2,798,885
Emergency back-up generators and permanent installation for critical DWP facilities.												
<u>Temescal Valley Water District Service Boundary Adjustment</u>	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.												
<u>Lester Inlet Valve Relocation</u>	WTRUF	570	68170	9,381	-	-	351,619	-	-	-	-	361,000
Relocate valve onto property into an open vault with staircase powered by plant generation.												
<u>Lester Post Disinfection Station</u>	WTRUF	570	68180	11,771	280,000	-	-	-	-	-	-	291,771
Relocate post disinfection injection point onto 30" filter effluent line between filters and Contact Chlorine Basin. Install two injectors.												
<u>Residential Turf Removal Rebate Project</u>	WTRUF	570	69980	934,724	945,276	-	-	-	-	-	-	1,880,000
Provide additional funding for the Turf Removal Rebate Project to incentivize residents to remove ornamental turf.												

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Rincon Bridge</u>	WTRUF	570	70380	17,387	15,613	-	-	-	-	-	-	33,000
Construction of 110' long, 20' wide Baily-style pre-fabricated bridge over the Oak Channel at Rincon Street.	WRUF	572	70380	41,528	591,472	-	-	-	-	-	-	633,000
	ELECU	578	70380	16,959	16,041	-	-	-	-	-	-	33,000
<u>Meter Replacement</u>	WTRUF	570	71870	2,427,814	285,186	900,000	927,000	954,810	103,000	106,090	-	5,703,900
Replace 10% of existing meters per year.	ELECU	578	71870	-	-	25,000	-	-	-	-	-	25,000
<u>Water Systems Improvement Project</u>	WTRUF	570	71890	286,871	23,129	-	-	-	-	-	-	310,000
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.												
<u>Development Meters</u>	RECYC	567	72310	17,547	4,453	1,828	-	-	-	-	-	23,828
Water and Electric Meters to be acquired and installed for new development projects. FY 2017/18 Water meters 1,033 and 150 electric meters. FY 2018/19 water meters 1,034 and 150 electric meters.	WTRUF	570	72310	436,285	569,986	121,046	-	-	-	-	-	1,127,317
	ELECU	578	72310	77,770	4,730	3,000	-	-	-	-	-	85,500
<u>R-3 Potable Tank Pavement and Access Road Repair</u>	WTRUF	570	72470	13,143	61,857	350,000	-	-	-	-	-	425,000
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.												
<u>SDO Treatment Plant Landscape Repair</u>	WTRUF	570	72800	67,844	778,389	-	-	-	-	-	-	846,233
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.												

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Booster Station Rehabilitation This project will be dedicated to booster station rehabilitation, including pumps and other components.	WTRUF	570	73040	-	-	600,000	618,000	-	-	-	-	1,218,000
Generator DPF at Well 22 and Lester WTP Purchase new generator for Well 22 and Lester WTP as existing generators are aging.	WTRUF	570	73910	-	700,000	-	-	-	-	-	-	700,000
Desalter Membrane Replacements Desalter membranes removes unwanted constituents from water. A membrane is a barrier that allows certain substances to pass through while blocking others. Membranes are susceptible to damage and last between 4 and 6 years.	WTRUF	570	75060	-	-	160,000	218,360	164,800	169,744	174,836	-	887,740
Flow Meter Upgrade Project will replace and upgrade existing flow meters at various sites throughout the City.	WTRUF	570	76000	-	-	100,000	103,000	106,090	109,273	112,551	-	530,914
	WRUF	572	76000	-	-	165,000	103,000	106,090	109,273	112,551	-	595,914
Lester Backwash Basin 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.	WTRUF	570	76010	-	-	30,000	-	-	-	-	100,000	130,000
Desalter Chemical Feed System Install a polyphosphate and Y2K chemical system. 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.	WTRUF	570	84310	28,341	-	-	300,000	192,144	-	-	-	520,485
AMI Meter Replacement Project Replace 100% of citywide direct read meters with AMI meters.	WTRUF	570		-	-	-	9,260,000	9,260,000	-	-	-	18,520,000
	ELECU	578		-	-	-	-	-	-	50,000	-	

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Chemical Tank Replacements	WTRUF	570		-	-	-	121,940	60,970	125,598	64,628	-	373,136
Replacement of various Water and Wastewater chemical tanks and their associated components throughout the City..	WRUF	572		-	-	-	62,134	126,131	65,862	133,699	-	387,826
Water - General Safety, Maintenance and Other Improvements Total				\$ 5,034,131	\$ 4,882,801	\$ 2,955,874	\$ 12,580,053	\$ 12,501,485	\$ 682,750	\$ 754,355	\$ 100,000	\$ 39,441,449

Program Category: Water - Pump Stations

Well 14A	WTRUF	570	68260	36,639	-	2,871,373	-	-	-	-	-	2,908,012
Drilling and equip Well 14A to replace Well 14 at Corona High School.												
Well 15 Relocation	WTRUF	570	68270	11,332	984,041	-	2,000,000	-	-	-	-	2,995,373
Relocate Well 15 North of SR91, West of Lincoln, due to SR91 project.												
Repipe Well 22	WTRUF	570	68280	38,105	-	100,000	678,992	-	-	-	-	817,097
Repipe well 22 discharge piping and relocate common well valve inside the building.												
Well Rehabilitation	WTRUF	570	68680	415,425	302,943	800,000	813,500	827,000	-	-	-	3,158,867
Rehabilitation of Various Wells.												
Well 11A Rehabilitation	WTRUF	570	68681	115,700	300	-	-	-	-	-	-	116,000
Rehabilitation and redevelopment of Well 11A, which will ultimate produce more flow.												
Well 26 Rehabilitation	WTRUF	570	68682	136,599	178,401	-	-	-	-	-	-	315,000
Well 26 will go through a full cleaning and chemical treatment to achieve the well rehabilitation along with new equipment to outfit the well. The old equipment that was originally pulled was not reusable.												

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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
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				\$ 753,799	\$ 1,965,685	\$ 3,771,373	\$ 7,492,492	\$ 827,000	\$ -	\$ -	\$ 396,500	\$ 15,206,850

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	24,960	36,540	-	-	-	-	-	-	61,500
	WTRUF	570	69820	1,162,107	350,093	200,000	200,000	206,000	-	-	-	2,118,200
	WRUF	572	69820	392,272	117,728	200,000	400,000	412,000	-	-	-	1,522,000
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				\$ 1,932,184	\$ 667,434	\$ 400,000	\$ 600,000	\$ 618,000	\$ -	\$ -	\$ -	\$ 4,217,618

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	-	-	-	-	-	2,832,500	-	-	2,832,500
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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 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Home Gardens Ion Exchange Resin Treatment Plant Project & Well Design	WTR CAP	507	68510	9,008,968	-	-	-	-	-	-	-	9,008,968
Purchase & drill wells and Resin Treatment. Prop 50 Round 2 awarded \$1,960,100.	WTRUF	570	68510	397,846	-	-	-	-	-	-	-	397,846
Keith Water Storage Tank	WTR CAP	507	68520	3,879,744	6,260,256	-	-	-	-	-	-	10,140,000
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	-	-	-	-	-	-	-	-	-
1380 - Zone Water Storage Tank	WTR CAP	507	69770	13,183	90,547	-	-	-	-	-	-	103,730
Construct a 2.5 MG Type 1 pre-stressed concrete potable water storage tank and booster pump station to serve Zone-1540 located in the Skyline tract development.												
Sustainable Groundwater Planning Grant	WTRUF	570	73930	5,669	245,969	-	-	-	-	-	-	251,638
The Proposition 1 Sustainable Groundwater Planning Grant was awarded by the Department of Water Resources of the State of California for the development of a Groundwater Sustainability Plan for the Upper Santa Ana Valley - Temescal Groundwater Subbasin.	WTRUG	571	73930	-	732,338	-	-	-	-	-	-	732,338
Water - Supply and Storage Total				\$ 13,777,001	\$ 7,329,110	\$ -	\$ -	\$ -	\$ 2,832,500	\$ -	\$ -	\$ 23,938,611

Program Category: Water - Transmission and Distribution Pipelines

Mangular Blending Facility	WRRB	453	65890	1,376,570	5,517,025	641,710	-	-	-	-	-	7,535,305
Dual-Zone potable water pump station and blending facilities at the Mangular Tank.	WTRUF	570	65890	901	4,631,603	2,358,290	-	-	-	-	-	6,990,794

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
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.	WTRUF	570	66110	5,119	-	-	2,308,333	2,308,333	2,308,333	-	-	6,930,118
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	80,279	689,721	-	-	-	-	-	-	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	34,682	-	-	-	148,883	-	-	-	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
Waterline Infrastructure Replacement of water pipelines, either scheduled replacements or due to emergency waterline breaks.	WTRUF	570	71930	4,553,623	402,097	960,000	988,800	1,018,464	1,049,018	1,080,488	-	10,052,490

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Alcoa Dike Administration</u>	GEN FD	110	72050	-	15,000	-	-	-	-	-	-	15,000
The Alcoa Dike project will be designed and constructed by the Orange County Flood Control Division. The City of Corona will pay it's own share of the project.	MEASA	227	72050	-	15,000	-	-	-	-	-	-	15,000
	REIMB GT	480	72050	-	5,000	-	-	-	-	-	-	5,000
	WTRUF	570	72050	15,005	27,145	-	-	-	-	-	-	42,149
	WRUF	572	72050	-	15,000	-	-	-	-	-	-	15,000
	GEN FD	110	72051	1,428	28,572	300,000	-	-	-	-	-	330,000
	REIMB GT	480	72051	-	5,000	-	-	-	-	-	-	5,000
	WRUF	572	72051	712	349,288	-	-	-	-	-	-	350,000
	REIMB GT	480	72052	-	5,000	-	-	-	-	-	-	5,000
	REIMB GT	480	72053	-	5,000	-	-	-	-	-	-	5,000
	WTRUG	571	72054	6,054	18,946	-	-	-	-	-	-	25,000
	WRUFG	573	72054	652	24,348	-	-	-	-	-	-	25,000
<u>Sixth Street Waterline Replacement - Grand to Rimpau</u>	WTR CAP	507	72320	355,530	94,470	-	-	-	-	-	-	450,000
Replace 1,890 LF of 12" water main in Sixth Street from Grand to Rimpau to support senior housing project.	WTRUF	570	72320	712,437	192,343	-	-	-	-	-	-	904,780
<u>Sixth & Yorba Street Waterline Replacement</u>	WTRUF	570	72440	677,271	636,990	-	-	-	-	-	-	1,314,261
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.												
<u>Hayden Avenue and Howe Street Waterline</u>	WTRUF	570	72490	322,903	282,097	-	-	-	-	-	-	605,000
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.												

Program Name: Water

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
<u>Temescal Canyon Road Widening Project</u> <u>Utility Relocation</u> The two segments to be widened are located from Dawson Canyon Road to a location 0.7 miles north of Dawson Canyon Road and from Dos Lagos Drive to Leroy Road. The proposed roadway improvements include the construction of one (1) additional lane in each direction and an 8-foot bike lane in each direction, along with a continuous center-turn pocket. The proposed storm drains to be constructed for the road widening project require the vertical relocation of the City's existing welded steel Glen Ivy waterline at two locations. Proposed City utilities relocation work includes construction of a new 18-inch ductile iron pipe in a lower vertical profile along the existing 18-inch steel waterline horizontal alignment, and installation of new valves, fittings and appurtenances at the locations.	WTRUF	570	73290	501,716	103,354	-	-	-	-	-	-	605,070
<u>Waterline Replacement at Sherman Avenue</u> Replace approximately 2,400 LF of 8-inch and 10-inch ACP and steel waterline in Sherman Avenue with 2,4000 LF of 12-inch DIP.	WTRUF	570	73920	-	250,000	-	-	-	-	-	-	250,000
<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				\$ 11,181,489	\$ 13,613,765	\$ 7,260,000	\$ 6,197,133	\$ 3,475,680	\$ 3,357,351	\$ 1,080,488	\$ 2,379,000	\$ 48,544,906
WATER TOTAL				\$ 33,541,828	\$ 30,348,760	\$ 18,333,219	\$ 29,936,993	\$ 21,478,315	\$ 8,095,501	\$ 4,507,786	\$ 3,009,300	\$ 148,926,702

Program Name: Water Reclamation

Project Name and Description	Fund Source	Fund No.	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Program Category: General Safety, Maintenance and Other Improvements												
<u>WRF #1 Communications Tower</u>	WTRUF	570	72420	57,911	107,089	-	-	-	-	-	-	165,000
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	72420	51,059	113,941	-	-	-	-	-	-	
<u>Western Riverside County Regional Waste Water Authority (WRCRWA) Flow Control Improvements</u>	RECYC	567	72760	-	-	937,500	-	-	-	-	-	937,500
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.	WTRUG	571	72760	-	-	312,500	-	-	-	-	-	312,500
<u>Centrifuge Installation at WRF #1</u>	WRUF	572	73050	-	-	500,000	-	-	-	-	-	500,000
Installation of a second centrifuge at Water Reclamation Facility #1.												
<u>Automatic Transfer Switch Change Outs</u>	WRUF	572	73940	-	100,000	100,000	103,000	-	-	-	-	303,000
Station will provide emergency pumping capabilities in the event of a power failure.												
<u>WRF #1 Automatic Transfer Switch</u>	WRUF	572	73970	-	125,000	-	-	-	-	-	-	125,000
Existing Transfer Switch equipment at WRF 1A has met its useful life and need to be replaced.												
<u>WRF #1 Secondary Gallery</u>	WRUF	572	73980	-	125,000	-	-	-	-	-	-	125,000
Replacement of valves, flow meters and actuators located in the secondary gallery at WRF 1.												
<u>WRF #2 Equalization Basin Replacement</u>	WRUF	572	73990	34,138	5,465,863	-	-	-	-	-	-	5,500,000
Existing Equalization Basin at WRF 2 has met its useful life and requires replacement.												

Program Name: Water Reclamation

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
WRF #2 Roadway Lighting Lighting is very poor around perimeter of the facility. Need to add lighting around exterior perimeter to enhance visibility, security and employee after hours safety.	WRUF	572	74000	35,677	4,323	-	-	-	-	-	-	40,000
WRF #1 Dryer Rebuild On January 10, 2020, the dryer experienced an explosion, which destroyed multiple components of the system and caused the dryer to become inoperable. An investigation was completed to determine the cause of the explosion, and staff is working with the City's insurance company and multiple consultants on options to rebuild the facility. Insurance will cover the costs of the rebuild plus any cost to bring the facility up to code. Any other upgrades to the system outside of this will be the responsibility of the utility.	WRUF	572	74080	-	125,000	-	-	-	-	-	-	125,000
Belt Press Conveyors Belt press conveyors to replace Serpentix conveyors.	WRUF	572	75050	-	-	50,000	-	-	-	-	-	50,000
Digester 3 Rehabilitation Digester #3 will undergo a rehabilitation project that involves cleaning, inspection, and installation of a new mixing system.	WRUF	572	75070	-	-	400,000	-	-	-	-	-	400,000
Plant 1A Secondary Clarifier Concrete Decks This project will address rusting and concrete spalling at the Water Reclamation Plant #1A secondary clarifier concrete decks.	WRUF	572	76050	-	-	100,000	-	-	-	-	-	100,000
WRF 1 Aeration Diffuser Replacement Replace aeration panels with EDI diffusers at Water Reclamation Facility #1.	WRUF	572	77020	-	-	100,000	-	-	-	-	-	100,000
WRF 2 Asphalt Roadway Paving Repair of asphalt roadway at Water Reclamation Facility #2.	WRUF	572	77030	-	-	850,000	-	-	-	-	-	850,000
General Safety, Maintenance and Other Improvements Total				\$ 178,785	\$ 6,166,215	\$ 3,350,000	\$ 103,000	\$ -	\$ -	\$ -	\$ -	\$ 9,633,000

Program Name: Water Reclamation

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
Program Category: Pump Stations and Lift Stations												
<u>Sierra Del Oro Lift Station and Pipelines</u> 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	25,706	254,294	-	500,000	5,000,000	-	-	-	5,780,000
<u>Water Reclamation Facility #3 Decommissioning - Lift Station</u> 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	402,114	4,426,400	1,570,000	-	-	-	-	-	6,398,514
<u>Green River Lift Station Flowmeter and Vault</u> Flowmeter and vault changeouts at Green River Lift Station.	WRUF	572	73950	-	50,000	-	-	-	-	-	-	50,000
<u>SDO Lift Station Sancon Coating</u> Maintenance of the wet well at SDO Lift Station is required and consists of replacing the interior Sancon lining.	WRUF	572	73960	-	100,000	-	-	-	-	-	-	100,000
<u>Airport Lift Station Replacement</u> 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
<u>Stagecoach Lift Station & Force Main Replacement</u> 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				\$ 427,820	\$ 4,830,694	\$ 1,570,000	\$ 500,000	\$ 5,000,000	\$ -	\$ -	\$ 4,758,500	\$ 17,087,014

Program Name: Water Reclamation

Project Name and Description	Fund Source	Project Fund No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
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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
Sewer Line Infrastructure Replacement of sewer lines, either scheduled replacements or due to emergency sewer line breaks.	WRUF	572	71950	1,607,701	95,513	420,000	432,600	445,578	458,945	472,714	-	3,933,051
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	161,363	1,160,473	-	-	-	-	-	-	1,321,836
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
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				\$ 1,780,608	\$ 1,305,986	\$ 920,000	\$ 432,600	\$ 445,578	\$ 458,945	\$ 472,714	\$ 10,015,000	\$ 15,831,431

Program Category: Supervisory Control and Data Acquisition (SCADA)

WRF 2 MCC Installation - Sunkist and Aeration The MCC at Plant #2 have been determined to no longer be usable.	WRUF	572	77040	-	-	100,000	-	-	-	-	-	100,000
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Program Name: Water Reclamation

Project Name and Description	Fund Source	Fund	Project No.	Prior Expenses Up to 10 Yrs.	Estimated Carryover Funding	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total Project Cost
WRF 3 Communications Tower	RECYC	567	77050	-	-	18,337	-	-	-	-	-	18,337
Installation of the 110' WRF #3 Communications Tower to be used primarily for SCADA and DWP. IT's portion to install wireless communication equipment at WRF 3. This will improve communication in the valley near Dos Lagos which will have a direct impact to Temescal Public Safety Facility.	WTRUF	570	77050	-	-	165,032	-	-	-	-	-	165,032
	WRUF	572	77050	-	-	165,032	-	-	-	-	-	165,032
	ELECU	578	77050	-	-	18,337	-	-	-	-	-	18,337
	IT	681	77050	-	-	92,566	-	-	-	-	-	92,566
Supervisory Control and Data Acquisition (SCADA) Total				\$ -	\$ -	\$ 559,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 559,304

Program Category: Treatment

Water Reclamation Facility #1B Energy Efficiency Upgrades	WR CAP	440	60140	16,552	-	-	-	-	-	-	-	16,552
Primary clarifiers, aeration optimization, digesters.	WRWTRBD	454	60140	355,795	-	-	-	-	-	-	-	355,795
	WRUF	572	60140	25,272	474,728	-	-	-	-	-	-	500,000
Water Reclamation Facility #1 Centrifuge	WR CAP	454	62610	905,202	-	-	-	-	-	-	-	905,202
Centrifuge facility to replace the current belt press.	WRUF	572	62610	413,773	65,352	-	-	-	-	-	-	479,125
	WRWTRBD	454	68310	1,337,262	841,811	-	-	-	-	-	-	2,179,073
Water Reclamation Facility #1 Biosolids Processing Upgrade	WRUF	572	68310	283,573	1,861,080	-	-	-	-	-	-	2,144,652
Sludge tank and sludge screening project. Demolishing/removing existing sludge blender tank and modify chlorine contact tank CCT.												
Water Reclamation Facility #1 Secondary Clarifier	WRUF	572	69840	546,476	153,524	-	-	-	-	-	-	700,000
Expand clarifier capacity to greater than 15.16 mgd.												
Water Reclamation Facility #3 Decommissioning - Force Main	WRUF	572	69870	2,689,658	1,240,342	-	-	-	-	-	-	3,930,000
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.												
Treatment Total				\$ 6,573,562	\$ 4,636,837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,210,399

WATER RECLAMATION TOTAL				\$ 8,960,776	\$ 16,939,732	\$ 6,399,304	\$ 1,035,600	\$ 5,445,578	\$ 458,945	\$ 472,714	\$ 14,773,500	\$ 54,321,149
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