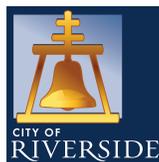


CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR
2020 – 2021

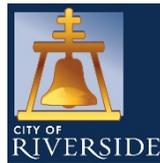




CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

Fiscal Year
2020/21 – 2024/25



Mayor

William R. Bailey

City Manager

Al Zelinka

Chief Financial Officer

Edward Enriquez

City Council

Erin Edwards

Andy Melendrez

Ronaldo Fierro

Chuck Conder

Gabby Plascencia

Jim Perry

Steve Hemenway

**Prepared by
City Budget Office**

Budget Manager:

Kristie Thomas

Budget Staff:

Ruby Leann Castillo

Angel Guo

Peter Kakos

Mark Reister

*California Society of
Municipal Finance Officers*

Certificate of Award

***Excellence Award for
Fiscal Year 2018-2019 Capital Budget***

Presented to the

City of Riverside

For meeting the criteria established to achieve the CSMFO Excellence Award for Budgeting.

December 19, 2018



Margaret Moggia

***Margaret Moggia
CSMFO President***

Sara J. Roush

***Sara Roush, Chair
Recognition Committee***

Dedicated Excellence in Municipal Financial Reporting

Table of Contents

INTRODUCTION	1
City Manager’s Message	3
Guide to the Capital Improvement Program	5
FINANCIAL SUMMARY	13
Financial Summary Narrative	15
Capital Improvement Plan Sources and Uses.....	23
Capital Improvement Projects by Funding Source	29
Capital Improvement Projects by Project Category	37
Revenue Summary by Fund.....	41
AIRPORT	43
Project Category Overview: Airport.....	45
Runway 16/34 Rehabilitation - 2666	49
Airport - Taxiway A Rehabilitation - 2667	50
Airport - Taxiway J Rehabilitation - 2668	51
Airport Emergency Generator - 2704.....	52
Airport Runway 34 Windsock Relocation - 2706.....	53
Airport Airfield Signage - 2707.....	54
Airport Facilities Terminal Patio Deck - 9034	55
Apron Asphalt Project Phase I - 9038	56
Airport Camera System - 9039	57
ELECTRIC	59
Project Category Overview: Electric	61
Distribution Line Extensions – 470601E.....	67
Line Rebuilds – 470603E	68
Street Lighting – 470607E	69
System Substation Modifications – 470608E	70
Transformers – 470611E	71
Capacitors-Regulators – 470612E	72
Meters – 470613E	73
Substation Innovation – 470614E	74
Services – 470615E.....	75
Substation Bus & Upgrades – 470616E.....	76
Major Overhead/Underground Conversions – 470619E	77
Major Transmission Line Projects – 470620E.....	78
General Order 165 (GO 165) Upgrades/Line Rebuilds/Relocation Overhead – 470623E.....	79
GO 165 Upgrades/Line Rebuilds/Relocate - Underground – 470624E	80
Major Tract Distribution – 470626E	81
Substation Transformer Addition – 470632E	82
Major Feeders – 470633E	83
Southern California Edison (SCE) Condemnation Costs – 470634E	84
Cable Replacement – 470635E	85
Cable Replacement – Public Works Street Rehab – 470636E	86

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

Major Street Light Projects – 470637E	87
Neighborhood Street Light Retrofit – 470638E	88
Major 4-12 kV Conversion – 470644E	89
Distribution Automation – 470655E	90
Citywide Communications – 470664E	91
Supervisory Control and Data Acquisition (SCADA) – 470672E.....	92
Riverside Transmission Reliability Project (RTRP) – 470685E	93
RTRP – 230kV Reimbursable – 470686E	94
Customer Information System (CIS) Upgrade – 470694E	95
Geographic Information System (GIS) Upgrade – 470696E.....	96
Dark Fiber – 470698E.....	97
Enterprise Operation Data Mgmt System – 470822E	98
Advanced Metering Infrastructure – 470823E.....	99
Operational Technology Governance – 470824E	100
Work, Asset, and Inventory Management System – 470825E.....	101
Network Communication System – 470826E	102
Land Mobile Radio – 470827E	103
Outage Management System – 470829E.....	104
Advanced Distribution Management System – 470830E.....	105
Mobile Applications – 470831E	106
INNOVATION AND TECHNOLOGY	107
Project Category Overview: Innovation and Technology	109
Data Network Replacement - 9022	113
GIS Technology Upgrade - 9070.....	114
Datacenter/Disaster Recovery Capital Improvements - 9140.....	115
Fiber Optic Connection Upgrade - 9153.....	116
MUNICIPAL BUILDINGS AND FACILITIES.....	117
Project Category Overview: Municipal Buildings and Facilities.....	119
Fire Plymovent Exhaust System - 1675	123
Fleet Methane Detection System - 4085.....	124
Cheech Marin Center for Chicano Art - 9016.....	125
Metro Museum Expansion and Rehabilitation - 9017	126
Police Headquarters - 9018	127
City Buildings Deferred Maintenance - 9019.....	128
Fire Station Dorm 11 Dorm Improvements - 9132.....	129
Downtown Library - 9905	130
PARKS, RECREATION, AND COMMUNITY SERVICES.....	131
Project Category Overview: Parks, Recreation, and Community Services.....	133
Nichols Community Center Renovation - 2569.....	137
El Dorado Park Walking Path - 2572	138
Hunter Park - Railroad Kiosk - 2600	139

Table of Contents

Martha Mclean Anza Narrows - Frisbee Golf Course - 2601	140
Goeske Senior Center - Restroom Renovation - 2602	141
Myra Linn Park - Access Improvements - 2604	142
Myra Linn Park - Shade Sails - 2606	143
Myra Linn Park - Fitness Stations - 2608	144
La Sierra Park ADA Walkway - Phase I - 2609	145
Fairmount Park Signage - 2641	146
Bordwell Park - Floor Replacement - 2642	147
Villegas Park - Wading Pool Design - 2643	148
La Sierra Park ADA Walkway - Phase II - 2646	149
Bobby Bonds Park Artificial Turf Replacement - 2713	150
Myra Linn Park Master Plan Improvements - 3398	151
Gage Canal Trail Improvements - 4092	152
Arlington Youth Innovation Center - 8867	153
Mt. Rubidoux Trail Improvements - 8952	154
Carlson Park Historic Falls Restoration - 8957	155
Parks Master Plan Update - 9003	156
Trails Master Plan Update - 9091	157
Fairmount Park Lake Evans Lakeshore Access - 9099	158
PUBLIC PARKING	159
Project Category Overview: Public Parking	161
Parking Access Revenue Control System (PARCS) - 9129	165
Garage LED Lighting Upgrade - 9134	166
Structural Upgrades to Garages 1 & 2 - 9135	167
RAILROAD-RELATED	169
Project Category Overview: Railroad-Related	171
BNSF/UP Quiet Zone - Panorama & Cridge - 5934	175
BNSF Quiet Zone - Mission Inn, 3rd, & Spruce - 8610	176
UP Quiet Zone - Brockton and Palm - 8721	177
BNSF/Third Street Railroad Crossing - 8914	178
BNSF Third Street Grade Separation - 9901	179
SEWER	181
Project Category Overview: Sewer	183
Secondary System Upgrades - 7138	189
Tequesquite/Arroyo Trunk Line - 7709	190
RWQCP Rehabilitation - Phase II - 8015	191
Fairgrounds Wastewater - 8334	192
Tertiary System Rehab - Phase I - 8613	193
Dexter Wastewater - 8659	194
Bio-Solids Handling Rehabilitation - 8928	195
Wastewater Lift Stations - 8943	196
Woodcrest Sewer Construction – Phase I - 8969	197
Plant II Blower No. II Rehabilitation - 8977	198

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

Plant II Activated Sludge Rehab – Phase I - 9045	199
Pierce Pump Street Rehabilitation - 9100	200
Western, MLK & Garden Hill Lift Station Rehab - 9101	201
Elimination of University Knolls Pump Station - 9102	202
Sewer Main Replacement – Palm Ave - 9103	203
Sewer Main Replacement – Palm & Rubidoux - 9104	204
Sewer Main Replacement – Rubidoux Ave - 9105	205
Sewer Main Replacement – Rutland Ave - 9106	206
Sewer Main Replacement – West Rutland Ave - 9107	207
Sewer Main Replacement – Kmart Lot - 9108	208
Golden Avenue Sewer Pipe Replacement - 9109	209
Sewer Main Replacement – S.A.R. Trail - 9110	210
Sewer Pipe Expansion – Greenpoint Ave - 9111	211
Arlington Valley Channel Pipe Replacement - 9112	212
Sewer Pipe Replacement – Morris St. - 9113	213
Sewer Main Replacement – Market St. - 9114	214
Priority Pipeline Assessment & Repair - 9115	215
Upgrade Flow-Meters to Mag-Meters - 9116	216
WQCP Headworks Area Rehabilitation - 9117	217
WQCP Activated Treatment Train Rehab - 9118	218
WQCP Plant II Sludge Pumps I & II Rehab - 9119	219
WQCP Daft Rehabilitation - 9120	220
WQCP Membrane Bioreactor Rehabilitation - 9121	221
WQCP HVAC Upgrade Phase II - 9122	222
WQCP Warehouse Building Replacement - 9123	223
WQCP Digester No. V Rehabilitation - 9124	224
WQCP Ring Interconnection Pipe - 9125	225
WQCP Electric Switchgear Replacement - 9126	226
WQCP SCADA Infrastructure Replacement - 9127	227
WQCP Wi-Fi Phase II - 9128	228
STORM DRAIN	229
Project Category Overview: Storm Drain	231
Miscellaneous Storm Drain Construction - 7001	235
Monroe Storm Drain Project (Lines E2, E3, E5) - 8997	236
Fairview & Cornwall Storm Drain Project - 9020	237
Van Buren Blvd Pump Station Rehabilitation - 9073	238
Sierra Street Storm Drain Improvements - 9137	239
TRANSPORTATION	241
Project Category Overview: Transportation	243
Misc Street Construction Program - 5070	249
Controller Assembly Replacement - 5183	250
Spread Spectrum Radio Replacement - 5846	251

Table of Contents

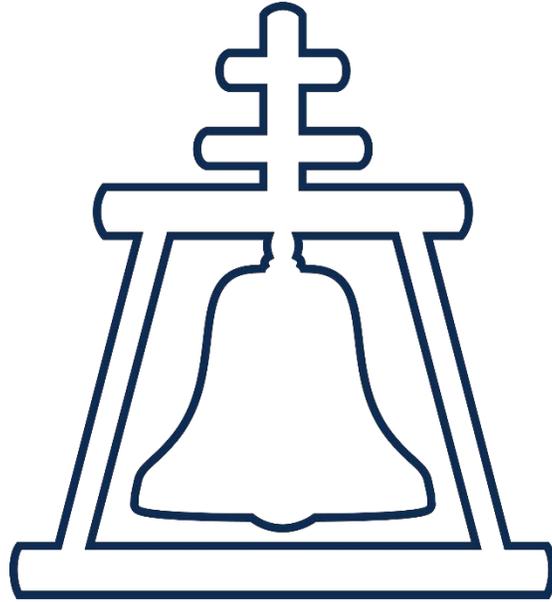
Traffic Signal Loop Replacement Program - 5847	252
Miscellaneous Signal Revisions Program - 5861	253
Arterial Interconnect Program - 5862.....	254
Canyon Crest Widening - 5876.....	255
Traffic Management Center - 5931.....	256
Jurupa Avenue Extension - 5984.....	257
New Traffic Signals Program - 8341	258
Van Buren-Jurupa to Santa Ana River Bridge - 8409.....	259
LED Signal Lenses Replacement Program - 8619.....	260
Mission Boulevard Bridge Replacement at Santa Ana River - 8629	261
Market Street Bridge Replacement over the Santa Ana River - 8699.....	262
University Avenue Fiber Optic - 8711.....	263
Adams Street/State Route 91 Interchange Improvements - 8821	264
Citywide Bike Share Program - 8823	265
Magnolia Avenue Widening from Buchanan Street to Hole Avenue - 8824	266
Miscellaneous Traffic Projects - 8832	267
Major Streets Rehabilitation - 8880	268
Curb and Gutter Repair Program - 8883	269
Minor Street Rehabilitation Program - 8884.....	270
Sidewalk/Trail Construction Program - 8885	271
Sidewalk Repair Program - 8886	272
Pedestrian Ramps Program - 8887	273
CDBG Street Improvements - Matching Funds - 8888.....	274
Norte Vista Sidewalk Improvements - 8889	275
Wells and Arlanza Sidewalk Project - 8890	276
Downtown Bicycle & Pedestrian Improvements - 8891	277
Minor Street Preservation Program (Slurry/ARAM) - 8894.....	278
Van Buren Blvd Widening - 8926.....	279
Central/Canyon Crest/Watkins Bike Lanes - 8935	280
High Friction Surface and Hawk Signals - 8936	281
Monroe Rehab-Lincoln to Arlington - 8937.....	282
San Andreas Drainage Improvements - 8959	283
Indian Hill Road Slope Mitigation Project - 8990	284
Iowa Avenue Widening - 8998.....	285
Active Transportation Master Plan - 9023	286
Interconnected Traffic Signal Controller Replacement - 9024	287
Measure Z Pavement Rehabilitation and Pedestrian Facilities Improvement Program FY 2018/19 - 9026	288
Measure Z Pavement Rehabilitation and Improvements - 9027.....	289
SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program FY 2018/19 - 9028	290
SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program - 9029	291
Adair Sidewalk – JoJo Randolph - 9082.....	292
Bonita Sidewalk-Tyler Pendleton - 9083	293
Larchwood Place Reconstruction – Brockton Ave to End of Street - 9084.....	294

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

Local Roadway Safety Improvement Plan - 9088	295
Berry Rd Widening – Selina Street to Bush Avenue - 9138.....	296
Victoria at Washington Southbound Merge Lane - 9142	297
Sidewalk Fronting Patricia Beatty - 9143	298
Active Transportation Program Cycle V - 9144.....	299
Traffic Signal Emergency Vehicle Replacement - 9146.....	300
RMRA Traffic Improvements FY 2020/21 - 9150	301
RMRA Rehab & Traffic Improvements - 9151	302
Knoefler Street Improvements - 9155	303
WATER	305
Project Category Overview: Water.....	307
Distribution Automation/Reliability – 470655W	313
System Expansion – 470701W	314
Meters – 470702W.....	315
Water Stock – 470705W	316
Distribution System Facilities Replacements – 470706W	317
Main Replacements Program – 470707W.....	318
Transmission Mains – 470735W.....	319
Pump Station Replacements – 470802W	320
Facility Rehabilitation Program – 470803W.....	321
Recycled Water (Jackson St. Phase I – Facilities and Site Conversions) – 470811W	322
Seven Oaks Dam Conservation – Enhanced Recharge – 470813W	323
Aquifer Storage & Recovery System – 470814W.....	324
Hydrant Check Valves – 470815W.....	325
Upper Santa Ana River Habitat Conservation Plan – 470819W	326
Enterprise Operation Data Mgmt System – 470822W.....	327
Advanced Metering Infrastructure – 470823W	328
Operational Technology Governance – 470824W.....	329
Work, Asset, and Inventory Mgmt System – 470825W	330
Network Communication System – 470826W.....	331
Land Mobile Radio – 470827W.....	332
Mobile Applications – 470831W.....	333
SCADA Upgrade & System Automation – 470832W.....	334
Potable/Irrigation Well Replacement – 470833W	335
APPENDIX	337
APPENDIX A: Schedule of Unfunded Capital Projects	339
APPENDIX B: Capital Fiscal Policies	345
APPENDIX C: Planning Commission Action Items	349
GLOSSARY	367
Capital Improvement Program Glossary.....	369
Revenue Sources.....	375

Table of Contents

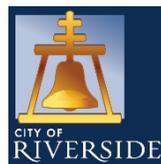
INDEX	381
Alphabetical Index	383
Project Number Index.....	389



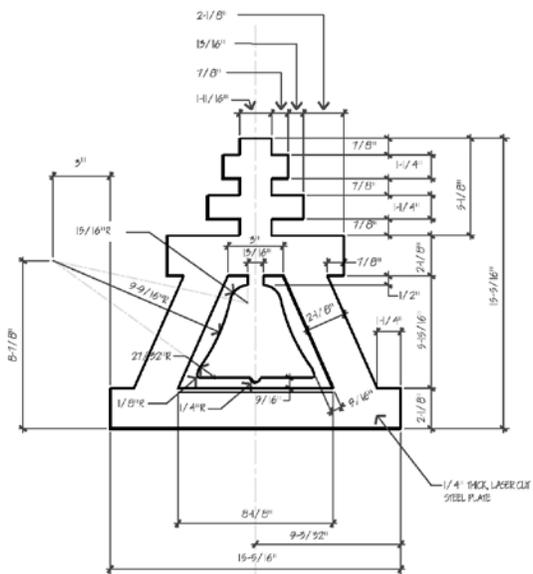
CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

INTRODUCTION



NOTES





Office of the City Manager
Al Zelinka, City Manager

City of Arts & Innovation

June 16, 2020

Capital Improvement Program One-Year Budget for Fiscal Year 2020/21 and Five-Year Plan through 2024/25

Honorable Mayor and City Council,

As part of the budget development process, staff prepared a one-year budget and five-year plan for the City's Capital Improvement Program (CIP). The CIP provides approximately \$110 million for the City's critical and essential infrastructure projects for Fiscal Year (FY) 2020/21. Over the course of five years (FY 2020/21 through FY 2024/25), the City anticipates investing an estimated \$559 million in our essential assets.

Due to the COVID-19 pandemic and the March 19, 2020, Governor's Stay at Home Order that included directions to hold public meetings only when essential and with numerous safety restrictions, the usual two-year budget process was replaced with a single year, Emergency Budget process for FY 2020/21, which truncated the budget engagement process. The FY 2020/21 Emergency Budget process resulted in a presentation and discussion only with the City Council. While the FY 2020/21 CIP and 2020-2025 five-year plan largely represents the City's capital improvement plan developed prior to the onset of the COVID-19 emergency, we are considering the FY 2020/21 capital budget to be a plan that includes quarterly intracycle budget adjustments and updates as revenue data becomes more readily available and predictable to estimate. Throughout the fiscal year, staff will monitor funding sources for planned capital projects and evaluate which projects will proceed as planned and which projects may need to be delayed due to the impacts of COVID-19. Recommended adjustments to the adopted CIP will be submitted for Board, Commission, and Committee discussions before providing budget update recommendations to the City Council for its consideration.

The CIP budget has been developed with a thoughtful and conservative approach in order to further address the needs of the City and community. It is in this vein that we are carefully proceeding through these unprecedented times in order to satisfy the needs of the City with the upgrade and replacement of vital infrastructure, but also balancing that with the potential for unknown and ongoing impacts to the economic output of the City and the State of California. The General Fund is unable to contribute funds for capital projects as it continues to face challenges with unknowns from COVID-19 and increasing Public Employee Retirement (PERS) costs. Most other revenue sources, such as rate revenues from water, electric, and wastewater utilities, are restricted to be used on specific projects within each respective fund. The City will continue to aggressively pursue grants and work with local, state and federal agencies as well as private partners to fund critical capital projects in our community.

Over the past year, the Budget Engagement Commission reviewed Measure Z spending initiatives and made recommendations on capital projects in the existing spending plan. Based on their input and as a result of the COVID-19 emergency, museum rehabilitation and renovation and the construction of a new police headquarters was delayed to FY 2022/23, and the programmed capital investment in parking garages was eliminated. Capital projects in progress will continue without interruption, including the soon to be completed Downtown Main Library and City History Archive, implementation of the City's new GIS program, and other critical technology infrastructure.

The City's focus during these difficult budgetary times is that of good financial stewardship and to remain focused on those vital projects that would provide the most value per dollar invested. This CIP document builds on the City's recent financial successes by incorporating best practices recommended by the Government Finance Officers Association (GFOA) and the California Society of Municipal Financial Officers (CSMFO). Based on recommendations developed by staff during the previous budget cycle, the City Council adopted two new policies to establish the framework for future capital budgets. The first policy, *Multi-Year Capital Planning*, establishes guidelines that help the City identify and prioritize expected capital needs based on strategic priorities and operational needs, establish project scope and cost, detail estimated amounts of funding from various sources, and project future operating and maintenance costs. The second policy, *Prioritization of CIP*, establishes an objective process of prioritizing capital improvement projects to ensure consistency with the General Plan, in conjunction with the budget process, or otherwise as capital funding becomes available.

With adoption of this CIP, the City will apply for CSMFO's Excellence in Capital Budgeting Award for the second time in the City's history. The program is specific to the Capital Budget and has forty-nine requirements that need to be incorporated to qualify for the award. The award is based on best practices and further advances our commitment to be more transparent and accountable to the Riverside community. Staff is confident that this CIP document will be a valuable tool for understanding the infrastructure priorities, successes and challenges that face our City in the upcoming budget cycle and when planning for future years.



Al Zelinka
City Manager
City of Riverside

Guide to the Capital Improvement Program

Capital Improvement Program

The City of Riverside's Capital Improvement Program (CIP) is a multi-year financial plan for the repair, replacement, and/or construction of municipal facilities and infrastructure. The City's CIP Plan strategically identifies both funded and unfunded capital improvement projects over a period of five years. Appropriations in the first year of the CIP are allocated to Fiscal Year (FY) 2020/21 projects with the adoption of CIP Budget by City Council on June 16, 2020. Appropriations in future years will be submitted for Council approval for budget adoption.

Capital Improvement Project Defined

A capital improvement project is defined as a long-term investment of funds to improve, repair, or replace an existing capital asset and/or construct or acquire a new capital asset. A capital project is a city resource and/or property with a monetary value of at least \$20,000 and an initial useful life of at least 10 years. For the purpose



of this CIP, the City's capital assets include municipal facilities and/or public infrastructure broadly categorized as airport; municipal buildings; technology infrastructure; parks, recreational, and cultural facilities; transportation infrastructure and systems (including streets, railroads, and parking structures); public utilities (including electric, water, sewer); and storm drain systems.

Benefits of the Capital Improvement Program

As stewards of public trust, staff has an obligation to be good custodians of the City's capital assets by keeping them safe and in optimal working condition. In doing this, the municipal facilities and public infrastructure are fully utilized to provide exemplary services for the maximum benefit to the citizens and the community at large.

The CIP provides the following primary benefits:

- Enhances the safety and health of the citizens by providing the infrastructure for first responders and caregivers that bring aid and care where and when it's most needed;

Guide to the Capital Improvement Program

- Improves the quality of life of the community by providing fair, transparent, and equitable access to services;
- Improves the livability conditions of the neighborhoods by providing mobility to attend events and cultural affairs;
- Focuses resources on achieving citywide priorities and meeting citizen expectations;
- Provides a transparent and predictable implementation framework for the General Plan, Specific Plan, and Citywide Riverside Strategic Plan 2.1;
- Fosters inter-departmental coordination of City infrastructure investments; and
- Promotes accountability and provides leverage for the long-term planning and investment of public funds for large-scale public purposes.

Capital improvement projects typically carry considerable future impact because they have an expected life span of 10 years or more. They are often, but not always, financed over a longer period of time, in effect spreading the cost of the project across generations of users that benefit from the completed project.



Timeline for Adoption of the Capital Improvement Program

The CIP includes a one-year budget and a five-year financial plan for projects intended to meet the City's current or anticipated capital needs, the funding sources (if available), and the project delivery timeframe. Capital

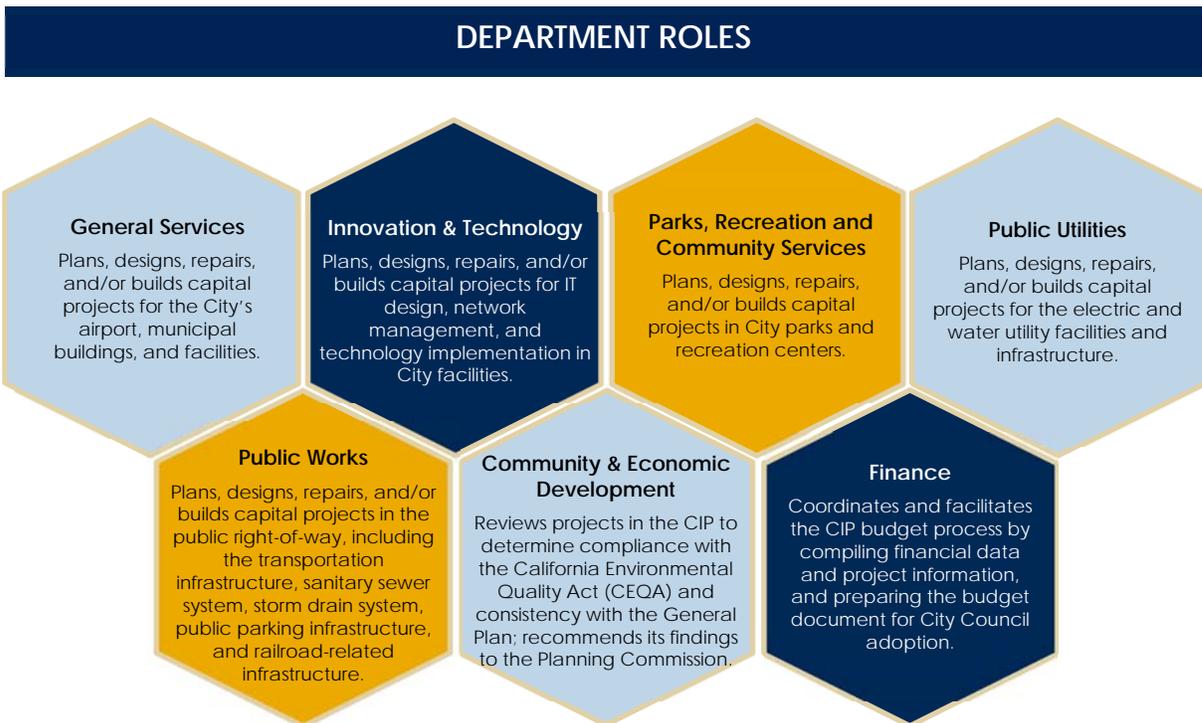
Guide to the Capital Improvement Program

improvement programming is the process by which these capital projects are identified, prioritized, and incorporated into the City’s long-range fiscal and strategic plans.

The adoption of the CIP is a participatory and transparent process, which is aided by publishing the schedule of events early. Normally, the Capital Budget would be presented to the Budget Engagement Commission and City Council, both televised to the public, which provide a platform for the Riverside community to be part of the process. Additionally, staff would visit each City Ward to discuss budget-related matters, including the CIP. However, with this emergency budget the process was truncated in order to pass the budget in a timely fashion under existing emergency orders from the City Council and City Manager as a result of the unknown financial impacts of COVID.

Department Roles and Prioritization of Capital Projects

The development and adoption of the CIP involved the following departments in their respective roles:



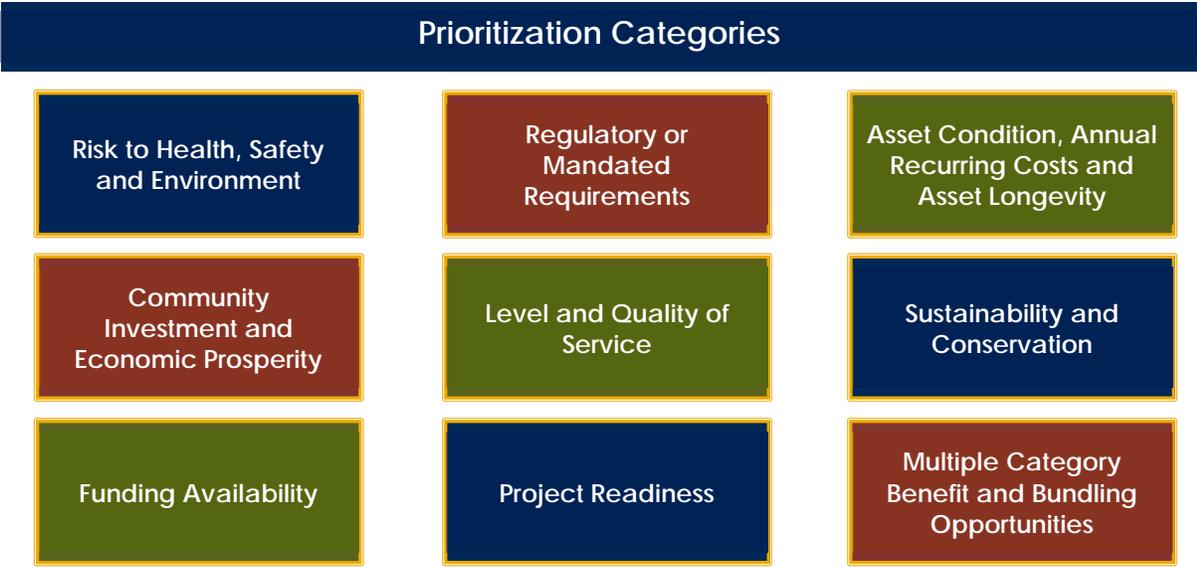
Guide to the Capital Improvement Program

Prioritization Categories

Prioritization categories provide an objective process of prioritizing capital projects to ensure consistency with the General Plan and the strategic goals of the City. The City ranks projects in nine prioritization categories defined in the Prioritization of Capital Improvement Projects fiscal policy¹ adopted by City Council on March 22, 2018.



Prioritization categories are used within the CIP to assigned rankings in order to determine the highest needs for upcoming projects and allocation the limited funds that are available.



Conformance with the General Plan

The Finance Department, in conjunction with the Community and Economic Development Department’s Planning Division, presented all recommended FY 2020/21 capital project appropriations to the Planning Commission for review. The Planning Commission evaluates project consistency with the General Plan and compliance with CEQA. On May 14, 2020, the Planning Commission determined that the FY 2020/21 CIP is consistent with the City’s General Plan and that the planned CIP projects are exempt from CEQA.

¹ <https://RiversideCa.gov/Finance/PDF/2018/Multi-Year Capital Planning.pdf>

Guide to the Capital Improvement Program

The remaining four fiscal years, 2021/22 through 2024/25, reflect staff recommendations to fund priority projects and/or are a continuation of projects that span more than one year. These projects are subject to review and revision each year by the City Council as part of the CIP mid-cycle update.

Amending the Capital Improvement Program Budget

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

Once approved, appropriations for capital projects are continued for the life of the project (i.e. through continued appropriations). Upon completion or cancelation of a project, unused funds are returned to fund balance when projects are completed and closed, or canceled at the discretion of the City Council, by a recommendation of the Department/Project Manager in charge of the project.

Document Organization

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

- **Introduction** – Contains the City Manager's Transmittal Letter and the Guide to the CIP. The City Manager's Transmittal Letter provides an executive summary of the CIP and discusses policy, economic, and/or legislative issues facing the City and their impact on the budget. It also highlights major capital project priorities and their funding source. The Guide to the CIP defines a capital project, explains the benefits of the CIP, outlines the budget process, provides an overview the document's organization, and additional information.
- **Financial Summary** – Contains an overview of the CIP, provides financial highlights, describes major capital revenue sources and basis for estimates, includes a financial schedule containing a five-year outlook for each fund in the CIP based on revenue and expenditure estimates, a schedule of revenue estimates by fund, and detailed schedule of expenditures by fund and project category for each capital project.

Guide to the Capital Improvement Program

- **Project Categories** – Contains major Project Category Overviews and individual project pages. The Project Category Overviews include: general descriptions of the project category, narratives of the budget and five-year plan, project highlights, table of key revenue and funding sources with discussion of alternative funding, summary schedule of funded projects by type of improvement, schedule of the top ten unfunded projects in order of priority, and a city map which displays all projects in the CIP that are specific to a single location. Citywide and ongoing projects with multiple locations are not mapped.
- **Appendix** – Contains supplementary information, including a comprehensive list of unfunded capital projects, action items from oversight boards, and policies.
- **Glossary** – Contains a list of terms or words found in text or are related to the capital budgeting process.
- **Index** – Index identifies the page numbers of items contained within the document.

Project Categories

Capital projects are grouped into the following eleven major project categories:

- **Airport** - The Airport section includes projects to maintain the Airport, to improve safety, and to comply with Federal Aviation Administration (FAA) standards and regulations.
- **Electric** - The Electric section includes projects to construct or maintain electric utility infrastructure and facilities.
- **Innovation and Technology** - The Innovation and Technology (IT) section includes projects for IT design, network management, and technology implementation in City facilities.
- **Municipal Buildings and Facilities** - The Municipal Buildings and Facilities section includes expenditures for general municipal projects and projects not otherwise included in other sections of the CIP. Projects may include new construction of buildings such as police and fire stations, libraries, or major repairs, additions, and alterations of existing assets.

Guide to the Capital Improvement Program

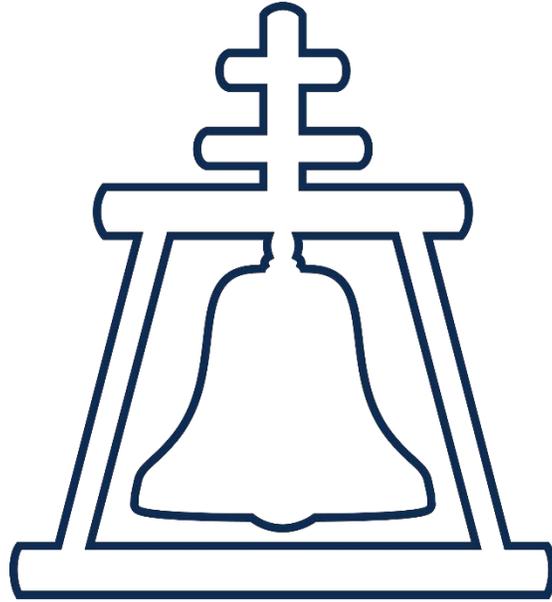
- **Parks, Recreation, and Community Services** - The Parks, Recreation, and Community Services section includes projects to construct, maintain, and upgrade parks, game courts and fields, community centers, and recreation buildings.
- **Public Parking** - The Public Parking section includes projects to construct new parking facilities and to improve existing facilities.
- **Railroad-Related** - The Railroad-Related section includes projects related to railroad grades, crossings, quit zone improvements, grade separations and all other projects that are railroad related.
- **Sewer** - The Sewer section includes projects to increase system capacity for new users, replace aging or obsolete systems, and meet new regulatory requirements.
- **Storm Drain** - The Storm Drain section includes projects that either eliminate a nuisance flow or provide additional flood protection.
- **Transportation** - The Transportation section includes projects to extend and widen streets, street resurfacing, construction of curbs, gutters, center medians, bikeways and pedestrian facilities, right-of-way acquisition, and traffic signal improvements.
- **Water** - The Water section includes projects to construct or maintain water utility infrastructure and facilities.

Generally Accepted Accounting Principles

Generally Accepted Accounting Principles are a group of accounting standards and common industry practices used for financial reporting. They provide a common basis of comparison between financial documents from multiple agencies. The City of Riverside's CIP document was prepared in accordance with generally accepted accounting principles.

Cost Increases and Future Project Inflation

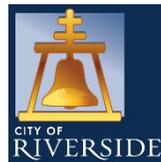
Any potential cost increases are left to the project managers at the time of bidding and acceptance of said bids. Because all projects are governed by contracts, cost increases, both present and future, are already accounted during the bidding process and agreed upon contractually. For unfunded projects, estimates are given at project conception and updated, once again, upon funds availability and accounted for once the project is slated to begin.



CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

FINANCIAL SUMMARY



Financial Summary

Financial Overview

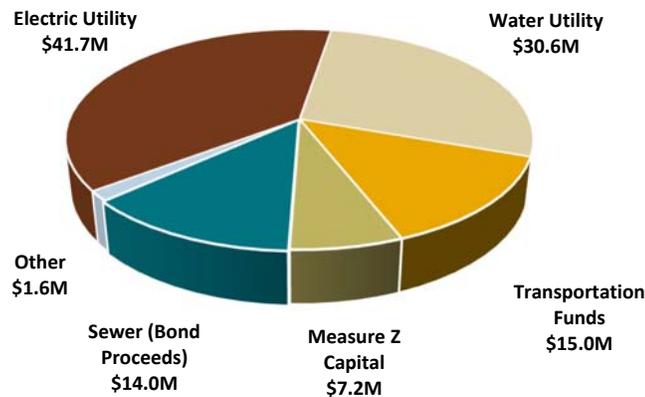
The Capital Improvement Program provides for the appropriation of \$110,063,415 in FY 2020/21 and includes \$449,383,405 planned for the remaining four years. The program currently has \$261,963,297 in previously appropriated projects that will be continued for a total Capital Improvement Program of \$821,410,117 through FY 2024/25.

The CIP was developed prior to the onset of the COVID-19 pandemic and remains unadjusted for potential COVID-19 impacts on funding sources and labor and material resources required to carry out the planned capital projects. However, the City will remain flexible in response to a potential downgrades of revenues and will recommend necessary budget adjustments throughout the year as these challenges materialize.

Funding for capital projects is provided by a variety of funding sources including development impact fees, transportation funds, grants, reimbursement agreements, and long-term financing which are restricted for the purposes for which they are budgeted. These funds, for the most part, cannot be used for ongoing City operations.

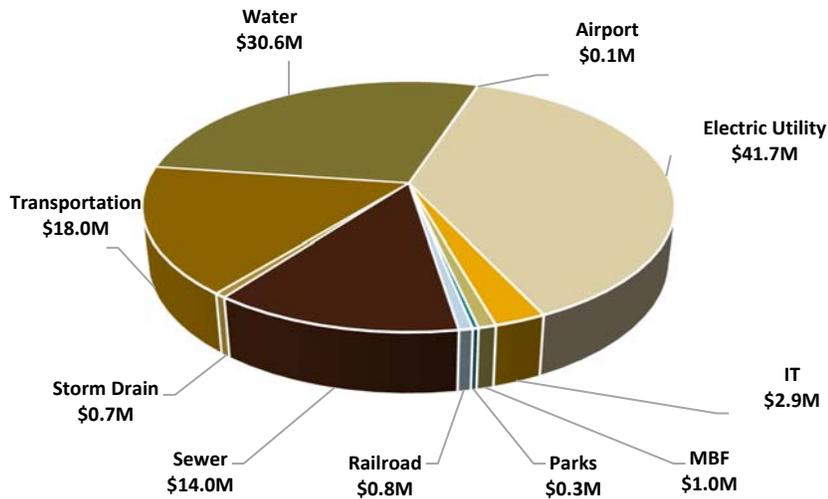
The following is a summary of the Sources and Uses of Funding for the first year of the plan:

<u>Sources:</u>	<u>2020/21</u>
Electric Utility	\$ 41,663,797
Water Utility	30,616,405
Transportation Funds	14,969,492
Measure Z Capital	7,237,955
Sewer	14,000,000
Other	1,575,766
Total Sources	\$ 110,063,415



Financial Summary

<u>Uses:</u>	<u>2020/21</u>
Airport	\$ 104,225
Electric Utility	41,663,797
Innovation and Technology	2,909,496
Municipal Buildings and Facilities	1,000,000
Parks, Recreation, and Community Services	325,000
Railroad	772,700
Sewer	14,000,000
Storm Drain	650,000
Transportation	18,021,792
Water	30,616,405
Total Uses	\$110,063,415



Financial Summary

Five-Year Plan Summary Schedules

FUNDED PROJECTS BY DEPARTMENT

Department	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
General Services	\$1,104,225	\$1,041,250	\$1,005,500	\$1,027,500	\$1,000,000	\$5,178,475
Innovation and Technology	2,909,496	-	-	-	-	\$2,909,496
Parks, Recreation, and Community Services	325,000	-	-	-	-	\$325,000
Public Utilities	72,280,202	63,766,926	70,851,386	86,587,776	86,907,767	\$380,394,057
Public Works	33,444,492	30,283,200	30,312,800	36,125,600	40,473,700	\$170,639,792
TOTAL	\$110,063,415	\$95,091,376	\$102,169,686	\$123,740,876	\$128,381,467	\$559,446,820

FUNDED PROJECTS BY MAJOR PROJECT CATEGORY

Major Project Category	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Airport	\$104,225	\$41,250	\$5,500	\$27,500	-	\$178,475
Electric	41,663,797	42,265,364	41,761,648	56,657,003	57,338,490	\$239,686,302
Innovation and Technology	2,909,496	-	-	-	-	\$2,909,496
Municipal Buildings and Facilities	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
Parks, Recreation, and Community Services	325,000	-	-	-	-	\$325,000
Public Parking	-	770,000	-	-	-	\$770,000
Railroad	772,700	788,200	804,000	-	-	\$2,364,900
Sewer	14,000,000	9,000,000	10,583,800	20,350,600	24,698,700	\$78,633,100
Storm Drain	650,000	100,000	100,000	100,000	100,000	\$1,050,000
Transportation	18,021,792	19,625,000	18,825,000	15,675,000	15,675,000	\$87,821,792
Water	30,616,405	21,501,562	29,089,738	29,930,773	29,569,277	\$140,707,755
TOTAL	\$110,063,415	\$95,091,376	\$102,169,686	\$123,740,876	\$126,503,337	\$559,446,820

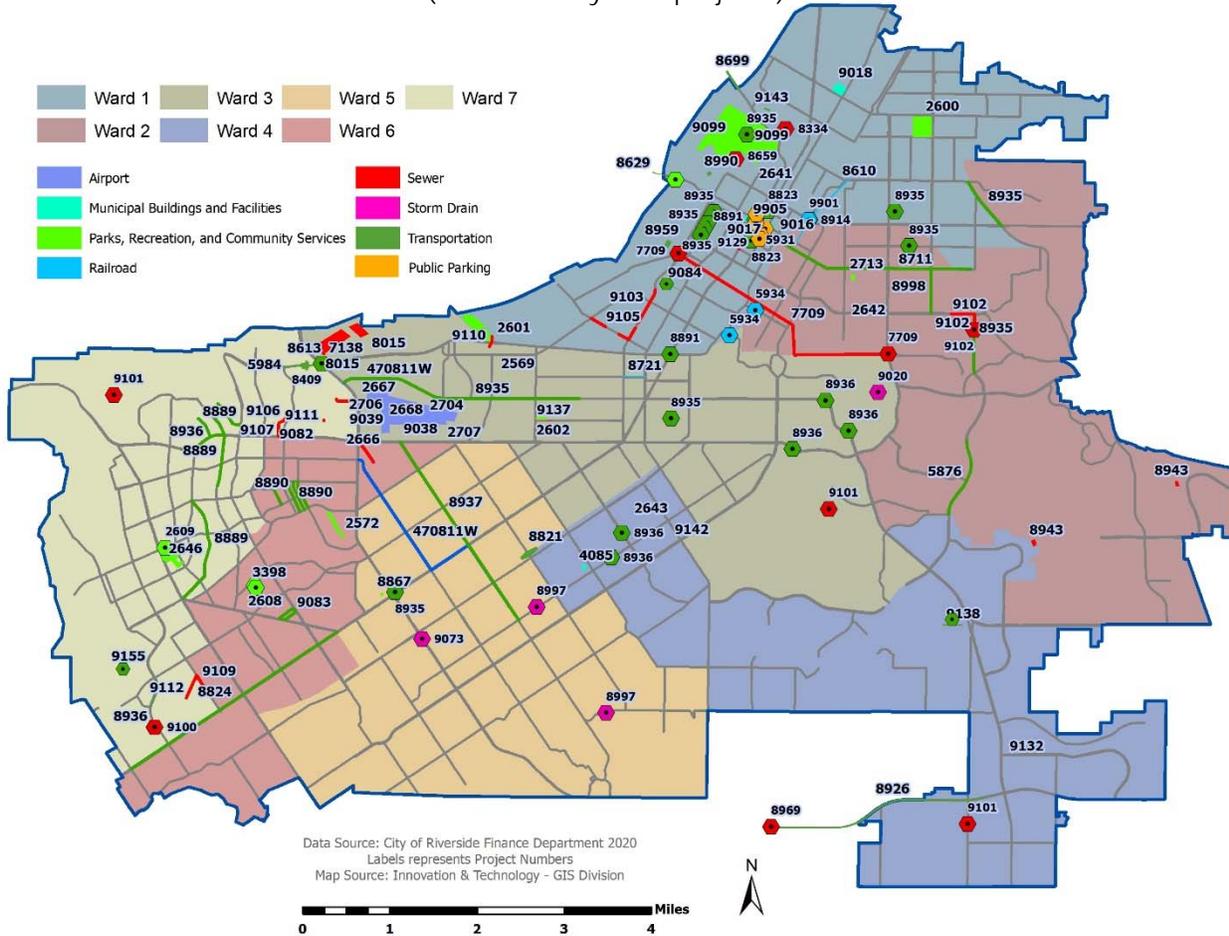
Although Parks, Recreation, and Community Services has limited funding identified in the CIP, they are aggressively pursuing alternative funding sources for their capital projects. They submitted applications to be awarded Community Development Block Grant (CDBG) funds for multiple projects and are waiting to receive results.

Funded Projects by Ward

The following map identifies the location of all funded, single-location, projects in the CIP. Projects that are located throughout the City (ex. Minor Streets Rehabilitation Program) that benefit multiple wards are not included.

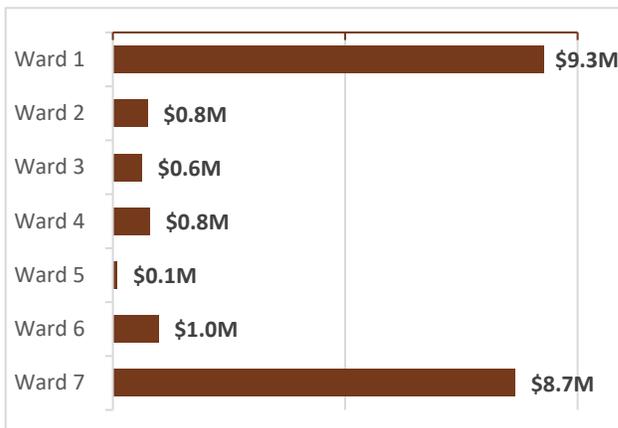
Financial Summary

CITYWIDE MAP OF FUNDED PROJECTS (excludes citywide projects)



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

DISTRIBUTION BY WARD



Ward	Five-Year Total
Ward 1	\$ 9,270,000
Ward 2	750,000
Ward 3	628,475
Ward 4	800,000
Ward 5	100,000
Ward 6	985,000
Ward 7	8,655,000
Citywide	538,258,345
TOTAL	\$ 559,446,820

*Citywide Projects not represented in chart

Financial Summary

Unfunded Capital Improvement Projects

The City has identified \$1.05 billion in needed projects that currently remain unfunded. Each budget cycle, departments review the estimated project cost and adjust the unfunded amount as necessary. The list will be updated as funding becomes available and as new projects are identified. A complete list of these projects is contained in the Appendix A.

UNFUNDED PROJECTS BY DEPARTMENT

Department	Estimated Project Cost	Unfunded Amount
General Services	\$165,997,100	\$151,888,381
Innovation and Technology	31,991,114	26,109,364
Parks, Recreation, and Community Services	296,149,568	291,652,714
Public Utilities	299,423,697	158,096,443
Public Works	448,495,640	423,973,775
TOTAL	\$1,242,057,119	\$1,051,720,677

Examples of the most significant unfunded projects and their estimated total project costs include:

- Riverside Transmission Reliability Project (RTRP) (Electric Utility) - \$162,756,354
- Phase II Grade Separation Program - \$75,000,000
- Tyler/State Route 91 Interchange Improvements - \$75,000,000
- Adams Street/SR-91 Interchange - \$72,900,000
- Third Street Grade Separation at BNSF Railroad Crossing - \$45,000,000
- Advanced Metering Infrastructure – \$43,911,000
- Replace Garages 1 & 2 - \$32,000,000
- Van Buren Widening from Indiana to South City Limit - \$26,640,352
- 14th Street Widening, SR91 to MLK Drive - \$24,000,000
- Enterprise Resource Planning System Replacement - \$18,000,000
- Arlington Avenue Widening, Victoria to Alessandro - \$16,600,000
- Eastside Library (New Construction) - \$15,000,000
- North Waterman Treatment Plant - \$14,000,000
- Cable Replacement – Arlington & Arlanza - \$12,000,000
- Local Storm Water Capture Projects - \$12,000,000
- GIS Upgrades/Integrations, Customer Engagement Portal - \$10,231,305

Financial Summary

Funding Sources

The City employs a combination of approaches to fund capital projects. For many smaller improvement projects, funds are appropriated from cash on hand. Large-scale capital projects are funded through a variety of funding sources, including long-term financing, user fees, proceeds from bond issues, grants, assessments, impact fees, and certificates of participation (COPs). Since the City's various departments are budgeted within numerous funds, each potentially with multiple revenue streams, departments are responsible for managing the revenue and expenditure budgets of their projects.

Major Funding Sources for Capital Projects

Measure Z

On November 8, 2016, Riverside voters approved Measure Z, a general transaction and use tax of 1%, to help pay for critical unfunded City programs and services. Measure Z revenues are anticipated to be \$56.2 million in FY 2020/21. Of this amount, \$7.2 million is earmarked for capital projects in FY 2020/21, and a total of \$18.5 million for fiscal years 2021/22 through 2024/25.

Certain Measure Z capital projects, including a new Police Headquarters and Museum Rehabilitation and Expansion are expected to be funded with bond proceeds from debt planned to be issued in future years. The annual debt service for those bonds will be paid with the amounts allocated in the Measure Z Five-Year Plan.

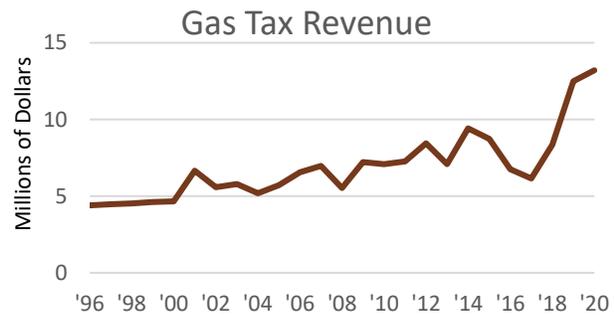
Projects funded by regular annual Measure Z revenues (not bond proceeds) include the Arlington Youth Innovation Center, Data Network Replacement project, Pavement Rehabilitation, and Pedestrian Facilities Improvement Program, and the City Buildings Deferred Maintenance project.

Gas Tax

The state of California imposes per-gallon excise taxes on gasoline and diesel fuel, sales taxes on gasoline and diesel fuel, and registration taxes on motor vehicles with allocations dedicated to transportation purposes. These allocations flow through the Highway Users Tax Account (HUTA), the familiar gasoline tax revenues that have been in place for decades, and the Road Maintenance and Rehabilitation Account (RMRA) which allocates much of the revenue from the Road Repair and Accountability Act of 2017 (SB-1) to local agencies such as the City of Riverside.

Financial Summary

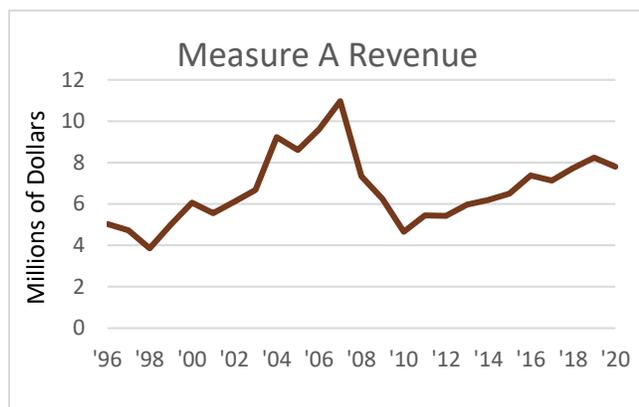
Revenue collected as part of SB-1, which took effect on November 1, 2017, includes an additional 12 cent per gallon increase to the gasoline tax, an additional 20 cent per gallon increase to diesel fuel excise tax (half going to the state Trade Corridor Enhancement Account (TCEA) and half to the RMRA), and an additional vehicle registration tax based on the value of the motor vehicle (effective January 1, 2018). Starting July 1, 2020, there will be an additional \$100 vehicle registration tax on zero emissions vehicles, which will be allocated....



Gas Tax continues to be the primary source of revenue for transportation projects. Revenue estimates for FY 2020/21 are \$14.5 million, which is 3.5% higher than FY 2019/20 estimates of \$14 million. The increase is mostly due to the appreciation of the crude oil prices and the gasoline derivative which has appreciated alongside. Without the additional funds provided by SB-1, Gas Tax revenues would remain relatively flat or down slightly. Consumer demand for fuel-efficient vehicles and fuel prices are major drivers in determining the resulting revenue received from this funding source. Potential COVID-19 impacts could result in the downgrading of projected Gas Tax revenues in the event of ongoing reduced demand for fuel.

Measure A

Voters approved a half-cent sales tax in Riverside County for transportation in 1988. Each year, the Riverside County Transportation Commission (RCTC) allocates funds to local agencies to be used on specific capital projects pre-approved by RCTC. Measure A funds are restricted for use on transportation projects such as major highways, commuter rail, local streets and roads. The City estimates Measure A revenues based on a RCTC's Measure A Program Allocation (Projection) report issued each year. Estimates are provided through FY 2024/25.



Financial Summary

Bond Proceeds

Issuing bonds provides funds up-front and allows the City to complete projects sooner rather than accumulating funds over a longer period of time. It also matches the cost of the projects to the generations that will benefit from them. Projects to be funded with bond proceeds in future years and the estimated amount to be used are identified on individual project pages. These amounts are not included in the summary schedules throughout the CIP since they will not be appropriated with the adoption of the CIP. Staff will request appropriations for bond-funded projects after the bonds are issued and approved by City Council.

Grants

The City aggressively pursues grants to fund capital projects. Grants are vital to fund projects that have no alternative funding source. The Public Works Department recently received \$32 million in affordable California Housing & Sustainable Communities + Transformative Climate Communities funds, and Parks, Recreation & Community Services Department received notification of an award of \$178,000 from the California Department of Parks and Recreation to be used for refurbishments at Bobby Bonds Park, which are included in this CIP and future CIP budgets.

The Community Development Block Grant Program provides annual grants to address a wide range of needs. Parks, Recreation, and Community Services is awarded funds for multiple capital projects each year and will continue to apply in future years.



Capital Improvement Plan Sources & Uses

Funding Source	2020/21				
	Estimated Available Balance ¹	Estimated Revenue ²	Adopted Operating Expenditures	Adopted Capital Expenditures	Ending Available Balance
General Capital Funds					
401 General Fund Capital	(\$270,472)	\$1,046,541	\$0	(\$1,046,541)	(\$270,472)
420 Measure Z Capital	-	7,237,955	-	(7,237,955)	\$0
Total General Capital Funds	(\$270,472)	\$8,284,496	\$0	(\$8,284,496)	(\$270,472)
Transportation Funds					
230 Gas Tax	\$3,705,043	\$14,509,047	(\$3,087,097)	(\$11,321,792)	\$3,805,201
431 Transportation Projects	12,060	-	-	-	\$12,060
432 Measure A	2,797,338	6,649,000	(2,999,240)	(3,647,700)	\$2,799,398
433 Transportation DIF	1,970,494	700,000	-	-	\$2,670,494
434 Transportation Uniform Mitigation Fee	(2,020,149)	-	-	-	(\$2,020,149)
Total Transportation Funds	\$6,464,786	\$21,858,047	(\$6,086,337)	(\$14,969,492)	\$7,267,004
Grant Funds					
215 Grants and Restricted Programs Fund	-	\$2,171,796	(\$1,829,150)	-	\$342,646
Total Grant Funds	\$0	\$2,171,796	(\$1,829,150)	\$0	\$342,646
Enterprise Funds					
510 Electric Utility	\$170,097,418	\$435,365,417	(\$426,239,669)	(\$41,663,797)	\$137,559,369
520 Water Utility	21,431,677	107,116,796	(78,159,623)	(30,616,405)	\$19,772,445
530 Airport	735,345	1,546,244	(1,442,019)	(104,225)	\$735,345
540 Refuse	3,960,672	25,222,325	(26,649,412)	-	\$2,533,585
550 Sewer	56,422,555	71,210,352	(63,561,324)	(14,000,000)	\$50,071,583
560 Special Transit	348,993	5,221,644	(5,221,644)	-	\$348,993
570 Public Parking	1,502,983	7,381,402	(7,049,764)	-	\$1,834,621
Total Enterprise Funds	\$254,499,643	\$653,064,180	(\$608,323,455)	(\$86,384,427)	\$212,855,941
Other Sources					
240 Air Quality Management District	\$330,497	\$650,000	(\$421,561)	-	\$558,936
410 Storm Drain DIF	294,137	247,500	-	(100,000)	\$441,637
411 Special Capital Improvement	(1,606,763)	2,474,588	(2,474,588)	-	(\$1,606,763)
413 Regional Park Special Capital Imp	2,281,918	383,000	-	(325,000)	\$2,339,918
430 Capital Outlay	1,807,647	-	-	-	\$1,807,647
456 CFD - Riverwalk Vista	3,991	-	-	-	\$3,991
480 Successor Agency 2007 Bond Fund	923,140	-	-	-	\$923,140
640 Central Stores	5,865,323	1,342,638	(1,081,062)	-	\$6,126,899
650 Central Garage	6,165,453	13,496,361	(12,541,447)	-	\$7,120,367
Total Other Sources	\$16,065,343	\$18,594,087	(\$16,518,658)	(\$425,000)	\$17,715,772
TOTAL	\$276,759,300	\$703,972,606	(\$632,757,600)	(\$110,063,415)	\$237,910,891

¹ All funds used beginning fund balance as part of the Estimated Available Balance calculation, except Enterprise funds, which used working capital.

² Enterprise funds include bond proceeds in their estimated revenues.



Capital Improvement Plan Sources & Uses

Funding Source	2021/22				Ending Available Balance
	Estimated Available Balance ¹	Estimated Revenue ²	Proposed Operating Expenditures	Proposed Capital Expenditures	
General Capital Funds					
401 General Fund Capital	(\$270,472)	-	-	-	(\$270,472)
420 Measure Z Capital	-	5,375,000	-	(5,375,000)	\$0
Total General Capital Funds	(\$270,472)	\$5,375,000	\$0	(\$5,375,000)	(\$270,472)
Transportation Funds					
230 Gas Tax	\$3,805,201	\$14,939,819	(\$3,087,097)	(\$10,625,000)	\$5,032,923
431 Transportation Projects	12,060	-	-	-	\$12,060
432 Measure A	2,799,398	6,714,000	(2,999,490)	(5,413,200)	\$1,100,708
433 Transportation DIF	2,670,494	720,100	-	-	\$3,390,594
434 Transportation Uniform Mitigation Fee	(2,020,149)	-	-	-	(\$2,020,149)
Total Transportation Funds	\$7,267,004	\$22,373,919	(\$6,086,587)	(\$16,038,200)	\$7,516,136
Grant Funds					
215 Grants and Restricted Programs Fund	\$342,646	\$2,186,266	(\$1,869,701)	-	\$659,211
Total Grant Funds	\$342,646	\$2,186,266	(\$1,869,701)	\$0	\$659,211
Enterprise Funds					
510 Electric Utility	\$137,559,369	\$450,420,511	(\$418,493,431)	(\$42,265,364)	\$127,221,085
520 Water Utility	19,772,445	105,467,931	(79,928,782)	(21,501,562)	\$23,810,032
530 Airport	735,345	1,572,291	(1,531,041)	(41,250)	\$735,345
540 Refuse	2,533,585	25,256,125	(27,690,389)	-	\$99,321
550 Sewer	50,071,583	72,173,882	(64,635,195)	(9,000,000)	\$48,610,270
560 Special Transit	348,993	5,477,438	(5,477,438)	-	\$348,993
570 Public Parking	1,834,621	7,611,776	(7,280,979)	(770,000)	\$1,395,418
Total Enterprise Funds	\$212,855,941	\$667,979,954	(\$605,037,255)	(\$73,578,176)	\$202,220,464
Other Sources					
240 Air Quality Management District	\$558,936	\$650,000	(\$421,577)	-	\$787,359
410 Storm Drain DIF	441,637	254,550	-	(100,000)	\$596,187
411 Special Capital Improvement	(1,606,763)	2,480,016	(1,808,717)	-	(\$935,464)
413 Regional Park Special Capital Imp	2,339,918	383,000	-	-	\$2,722,918
430 Capital Outlay	1,807,647	-	-	-	\$1,807,647
456 CFD - Riverwalk Vista	3,991	-	-	-	\$3,991
480 Successor Agency 2007 Bond Fund	923,140	-	-	-	\$923,140
640 Central Stores	6,126,899	1,342,638	(1,093,708)	-	\$6,375,829
650 Central Garage	7,120,367	13,678,994	(13,412,705)	-	\$7,386,656
Total Other Sources	\$17,715,772	\$18,789,198	(\$16,736,707)	(\$100,000)	\$19,668,263
TOTAL	\$237,910,891	\$716,704,337	(\$629,730,250)	(\$95,091,376)	\$229,793,602



Capital Improvement Plan Sources & Uses

Funding Source	2022/23				
	Estimated Available Balance ¹	Estimated Revenue ²	Proposed Operating Expenditures	Proposed Capital Expenditures	Ending Available Balance
General Capital Funds					
401 General Fund Capital	(\$270,472)	-	-	-	(\$270,472)
420 Measure Z Capital	-	5,375,000	-	(5,375,000)	\$0
Total General Capital Funds	(\$270,472)	\$5,375,000	\$0	(\$5,375,000)	(\$270,472)
Transportation Funds					
230 Gas Tax	\$5,032,923	\$15,383,514	(\$3,087,097)	(\$9,825,000)	\$7,504,340
431 Transportation Projects	12,060	-	-	-	\$12,060
432 Measure A	1,100,708	6,780,000	(3,000,740)	(5,429,000)	(\$549,032)
433 Transportation DIF	3,390,594	740,803	-	-	\$4,131,397
434 Transportation Uniform Mitigation Fee	(2,020,149)	-	-	-	(\$2,020,149)
Total Transportation Funds	\$7,516,136	\$22,904,317	(\$6,087,837)	(\$15,254,000)	\$9,078,616
Grant Funds					
215 Grants and Restricted Programs Fund	\$659,211	\$1,997,220	(\$1,673,908)	-	\$982,523
Total Grant Funds	\$659,211	\$1,997,220	(\$1,673,908)	\$0	\$982,523
Enterprise Funds					
510 Electric Utility	\$127,221,085	\$470,739,206	(\$432,438,797)	(\$41,761,648)	\$123,759,846
520 Water Utility	23,810,032	117,525,870	(84,745,456)	(29,089,738)	\$27,500,708
530 Airport	735,345	1,615,682	(1,556,475)	(5,500)	\$789,052
540 Refuse	99,321	25,507,887	(28,408,327)	-	(\$2,801,119)
550 Sewer	48,610,270	73,315,836	(65,170,238)	(10,583,800)	\$46,172,068
560 Special Transit	348,993	5,637,463	(5,637,463)	-	\$348,993
570 Public Parking	1,395,418	7,832,430	(7,497,159)	-	\$1,730,689
Total Enterprise Funds	\$202,220,464	\$702,174,374	(\$625,453,915)	(\$81,440,686)	\$197,500,237
Other Sources					
240 Air Quality Management District	\$787,359	\$656,500	(\$421,592)	-	\$1,022,267
410 Storm Drain DIF	596,187	261,812	-	(100,000)	\$757,999
411 Special Capital Improvement	(935,464)	2,480,016	(1,810,248)	-	(\$265,696)
413 Regional Park Special Capital Imp	2,722,918	363,000	-	-	\$3,085,918
430 Capital Outlay	1,807,647	-	-	-	\$1,807,647
456 CFD - Riverwalk Vista	3,991	-	-	-	\$3,991
480 Successor Agency 2007 Bond Fund	923,140	-	-	-	\$923,140
640 Central Stores	6,375,829	1,342,638	(1,107,792)	-	\$6,610,675
650 Central Garage	7,386,656	14,007,289	(13,720,207)	-	\$7,673,738
Total Other Sources	\$19,668,263	\$19,111,255	(\$17,059,839)	(\$100,000)	\$21,619,679
TOTAL	\$229,793,602	\$751,562,166	(\$650,275,499)	(\$102,169,686)	\$228,910,583



Capital Improvement Plan Sources & Uses

Funding Source	2023/24				
	Estimated Available Balance ¹	Estimated Revenue ²	Proposed Operating Expenditures	Proposed Capital Expenditures	Ending Available Balance
General Capital Funds					
401 General Fund Capital	(\$270,472)				(\$270,472)
420 Measure Z Capital	-	3,875,000	-	(3,875,000)	\$0
Total General Capital Funds	(\$270,472)	\$3,875,000	\$0	(\$3,875,000)	(\$270,472)
Transportation Funds					
230 Gas Tax	\$7,504,340	\$15,840,519	(\$3,087,097)	(\$9,825,000)	\$10,432,762
431 Transportation Projects	12,060	-	-	-	\$12,060
432 Measure A	(549,032)	6,846,000	(2,997,740)	(2,975,000)	\$324,228
433 Transportation DIF	4,131,397	762,127	-	-	\$4,893,524
434 Transportation Uniform Mitigation Fee	(2,020,149)	-	-	-	(\$2,020,149)
Total Transportation Funds	\$9,078,616	\$23,448,646	(\$6,084,837)	(\$12,800,000)	\$13,642,425
Grant Funds					
215 Grants and Restricted Programs Fund	\$982,523	\$1,997,220	(\$1,702,934)	-	\$1,276,809
Total Grant Funds	\$982,523	\$1,997,220	(\$1,702,934)	\$0	\$1,276,809
Enterprise Funds					
510 Electric Utility	\$123,759,846	\$497,380,831	(\$431,435,940)	(\$56,657,003)	\$133,047,734
520 Water Utility	27,500,708	120,887,599	(84,828,502)	(29,930,773)	\$33,629,032
530 Airport	789,052	1,660,332	(1,526,720)	(27,500)	\$895,164
540 Refuse	(2,801,119)	25,762,166	(29,045,933)	-	(\$6,084,886)
550 Sewer	46,172,068	74,483,645	(67,535,115)	(20,350,600)	\$32,769,998
560 Special Transit	348,993	5,697,201	(5,697,201)	-	\$348,993
570 Public Parking	1,730,689	8,059,484	(7,668,724)	-	\$2,121,449
Total Enterprise Funds	\$197,500,237	\$733,931,258	(\$627,738,135)	(\$106,965,876)	\$196,727,484
Other Sources					
240 Air Quality Management District	\$1,022,267	\$663,065	(\$421,608)	-	\$1,263,724
410 Storm Drain DIF	757,999	269,291	-	(100,000)	\$927,290
411 Special Capital Improvement	(265,696)	2,480,016	(1,812,241)	-	\$402,079
413 Regional Park Special Capital Imp	3,085,918	363,000	-	-	\$3,448,918
430 Capital Outlay	1,807,647	-	-	-	\$1,807,647
456 CFD - Riverwalk Vista	3,991	-	-	-	\$3,991
480 Successor Agency 2007 Bond Fund	923,140	-	-	-	\$923,140
640 Central Stores	6,610,675	1,342,638	(1,120,656)	-	\$6,832,657
650 Central Garage	7,673,738	14,343,464	(13,948,060)	-	\$8,069,142
Total Other Sources	\$21,619,679	\$19,461,474	(\$17,302,565)	(\$100,000)	\$23,678,588
TOTAL	\$228,910,583	\$782,713,598	(\$652,828,471)	(\$123,740,876)	\$235,054,834



Capital Improvement Plan Sources & Uses

Funding Source	2024/25				Ending Available Balance
	Estimated Available Balance ¹	Estimated Revenue ²	Proposed Operating Expenditures	Proposed Capital Expenditures	
General Capital Funds					
401 General Fund Capital	(\$270,472)	-	-	-	(\$270,472)
420 Measure Z Capital	-	3,875,000	-	(3,875,000)	\$0
Total General Capital Funds	(\$270,472)	\$3,875,000	\$0	(\$3,875,000)	(\$270,472)
Transportation Funds					
230 Gas Tax	\$10,432,762	\$16,311,234	(\$3,087,097)	(\$9,825,000)	\$13,831,899
431 Transportation Projects	12,060	-	-	-	\$12,060
432 Measure A	324,228	6,913,000	(3,004,380)	(2,975,000)	\$1,257,848
433 Transportation DIF	4,893,524	784,091	-	-	\$5,677,615
434 Transportation Uniform Mitigation Fee	(2,020,149)	-	-	-	(\$2,020,149)
Total Transportation Funds	\$13,642,425	\$24,008,325	(\$6,091,477)	(\$12,800,000)	\$18,759,273
Grant Funds					
215 Grants and Restricted Programs Fund	\$1,276,809	\$1,997,220	(\$1,732,460)	-	\$1,541,569
Total Grant Funds	\$1,276,809	\$1,997,220	(\$1,732,460)	\$0	\$1,541,569
Enterprise Funds					
510 Electric Utility	\$133,047,734	\$519,932,561	(\$442,374,777)	(\$57,338,490)	\$153,267,028
520 Water Utility	33,629,032	124,663,960	(86,871,244)	(29,569,277)	\$41,852,471
530 Airport	895,164	1,706,277	(1,556,558)	-	\$1,044,883
540 Refuse	(6,084,886)	26,018,988	(29,753,181)	-	(\$9,819,079)
550 Sewer	32,769,998	75,678,051	(68,709,379)	(24,698,700)	\$15,039,970
560 Special Transit	348,993	5,783,449	(5,783,449)	-	\$348,993
570 Public Parking	2,121,449	8,293,122	(7,821,021)	-	\$2,593,550
Total Enterprise Funds	\$196,727,484	\$762,076,408	(\$642,869,609)	(\$111,606,467)	\$204,327,816
Other Sources					
240 Air Quality Management District	\$1,263,724	\$669,695	(\$421,688)	-	\$1,511,731
410 Storm Drain DIF	927,290	276,994	-	(100,000)	\$1,104,284
411 Special Capital Improvement	402,079	2,480,016	(1,815,969)	-	\$1,066,126
413 Regional Park Special Capital Imp	3,448,918	363,000	-	-	\$3,811,918
430 Capital Outlay	1,807,647	-	-	-	\$1,807,647
456 CFD - Riverwalk Vista	3,991	-	-	-	\$3,991
480 Successor Agency 2007 Bond Fund	923,140	-	-	-	\$923,140
640 Central Stores	6,832,657	1,342,638	(1,135,680)	-	\$7,039,615
650 Central Garage	8,069,142	14,687,707	(14,263,004)	-	\$8,493,845
Total Other Sources	\$23,678,588	\$19,820,050	(\$17,636,341)	(\$100,000)	\$25,762,297
TOTAL	\$235,054,834	\$811,777,003	(\$668,329,887)	(\$128,381,467)	\$250,120,483

Capital Improvement Projects by Funding Source

General Fund Fund 101							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
NICHOLS COMMUNITY CENTER RENOVATION	\$18,000	-	-	-	-	-	\$18,000
MOUNT RUBIDOUX TRAIL IMPROVEMENTS	1,394	-	-	-	-	-	1,394
Total Funding Source	\$19,394	\$0	\$0	\$0	\$0	\$0	\$19,394

Grants and Restricted Programs Fund Fund 215							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
FIRE PLYMOVENT EXHAUST SYSTEM (ALL - EXCEPT 10 & 11)	\$610,909	-	-	-	-	-	\$610,909
NICHOLS COMMUNITY CENTER RENOVATION	15,214	-	-	-	-	-	15,214
EL DORADO PARK WALKING PATH	6,855	-	-	-	-	-	6,855
HUNTER PARK - RAILROAD KIOSK	25,874	-	-	-	-	-	25,874
MARTHA MCLEAN ANZA NARROWS - FRISBEE GOLF COURSE	4,902	-	-	-	-	-	4,902
GOESKE SENIOR CENTER - RESTROOM RENOVATION	49,588	-	-	-	-	-	49,588
MYRA LINN PARK - ACCESS IMPROVEMENTS	1,461	-	-	-	-	-	1,461
MYRA LINN PARK - SHADE SAILS	5,357	-	-	-	-	-	5,357
MYRA LINN PARK - FITNESS STATIONS	2,639	-	-	-	-	-	2,639
LA SIERRA PARK ADA WALKWAY - PHASE I	191,761	-	-	-	-	-	191,761
FAIRMOUNT PARK SIGNAGE	186,789	-	-	-	-	-	186,789
BORDWELL PARK - FLOOR REPLACEMENT	168,572	-	-	-	-	-	168,572
VILLEGAS PARK - WADING POOL	39,678	-	-	-	-	-	39,678
MYRA LINN SIDEWALK - COOK AVE	8,805	-	-	-	-	-	8,805
LA SIERRA PARK ADA WALKWAY - PHASE II	28,362	-	-	-	-	-	28,362
BOBBY BONDS GYM & POOL IMPROVEMENTS	73,689	-	-	-	-	-	73,689
CHEECH MARIN CENTER FOR CHICANO ART	10,133,028	-	-	-	-	-	10,133,028
SOCAL GAS TEMP RIGHT OF ENTRY	43,983	-	-	-	-	-	43,983
Total Funding Source	\$11,597,465	\$0	\$0	\$0	\$0	\$0	\$11,597,465

Gas Tax Fund Fund 230							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
MISC STREET CONSTRUCTION PROGRAM	\$312,370	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,612,370
CANYON CREST WIDENING	957,409	-	-	-	-	-	957,409
TYLER WIDENING - WELLS TO HOLE	50,000	-	-	-	-	-	50,000
INDIANA WIDENING - PIERCE	615,000	-	-	-	-	-	615,000
JURUPA AVENUE EXTENSION	702,900	-	-	-	-	-	702,900
UP QUIET ZONE - BROCKTON AND PALM	600,000	-	-	-	-	-	600,000
ADAMS STREET/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS	1,530,981	-	-	-	-	-	1,530,981
MAGNOLIA AVENUE WIDENING FROM BUCHANAN STREET TO HOLE	1,665,854	-	-	-	-	-	1,665,854
MISCELLANEOUS TRAFFIC PROJECTS	97,429	75,000	75,000	75,000	75,000	75,000	472,429
UNDERPASS STORM DRAIN - 14TH ST	17,563	-	-	-	-	-	17,563
CURB AND GUTTER REPAIR PROGRAM	244,333	200,000	200,000	200,000	200,000	200,000	1,244,333
MINOR STREET REHABILITATION PROGRAM	1,631,140	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,131,140
SIDEWALK/TRAIL CONSTRUCTION PROGRAM	295,668	300,000	300,000	300,000	300,000	300,000	1,795,668
SIDEWALK REPAIR PROGRAM	472,783	300,000	300,000	300,000	300,000	300,000	1,972,783
PEDESTRIAN RAMPS PROGRAM	485,719	300,000	300,000	300,000	300,000	300,000	1,985,719
CDBG STREET IMPROVEMENTS - MATCHING FUNDS	33,963	150,000	150,000	150,000	150,000	150,000	783,963
NORTE VISTA SIDEWALK IMPROVEMENTS	1	-	-	-	-	-	1
DOWNTOWN BICYCLE & PEDESTRIAN IMPROVEMENTS	(306)	-	-	-	-	-	(306)
MINOR STREET PRESERVATION PROGRAM (SLURRY/ARAM)	738,690	500,000	500,000	500,000	500,000	500,000	3,238,690
SAN ANDREAS DRAINAGE IMPROVEMENTS	24,528	-	-	-	-	-	24,528
INDIAN HILL ROAD SLOPE MITIGATION PROJECT	51,364	-	-	-	-	-	51,364
SB-1 PAVEMENT REHABILITATION, MAINTENANCE PROGRAM	1,995,885	-	-	-	-	-	1,995,885
SB-1 PAVEMENT REHABILITATION, MAINTENANCE PROGRAM	\$5,205,911	-	-	-	-	-	\$5,205,911

Capital Improvement Projects by Funding Source

Gas Tax Fund (continued) Fund 230							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
VAN BUREN BLVD PUMP STATION REHAB	\$153,285	\$100,000	-	-	-	-	\$253,285
ADAIR SIDEWALK-JO JO RANDOLPH	64,326	75,000	-	-	-	-	139,326
BONITA SIDEWALK-TYLER PENDLETON	58,358	135,000	-	-	-	-	193,358
LARCHWOOD PLACE REHAB	659,379	-	-	-	-	-	659,379
SIERRA STREET STORM DRAIN IMPROVEMENTS	-	450,000	-	-	-	-	450,000
BERRY RD WIDENING - SELINA STREET TO BUSH AVE	-	-	800,000	-	-	-	800,000
VICTORIA AT WASHINGTON SOUTHBOUND MERGE LANE	-	55,000	-	-	-	-	55,000
SIDEWALK FRONTING PATRICIA BEATTY	-	125,000	-	-	-	-	125,000
RMRA REHAB & TRAFFIC IMPROVEMENTS FY2020/21	-	6,196,792	-	-	-	-	6,196,792
RMRA REHAB & TRAFFIC IMPROVEMENTS FY2021/22	-	-	6,000,000	6,000,000	6,000,000	6,000,000	24,000,000
KNOEFLER - ST. IMPROVEMENTS FROM AMBS DRIVE TO STREET END	-	560,000	-	-	-	-	560,000
Total Funding Source	\$18,664,533	\$11,321,792	\$10,625,000	\$9,825,000	\$9,825,000	\$9,825,000	\$70,086,325

AQMD Fund Fund 240							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
MAGNOLIA - BUCHANAN TO 1ST	\$100,000	-	-	-	-	-	\$100,000
CITYWIDE BIKE SHARE PROGRAM	10,219	-	-	-	-	-	10,219
DOWNTOWN BICYCLE & PEDESTRIAN IMPROVEMENTS	100	-	-	-	-	-	100
Total Funding Source	\$110,320	\$0	\$0	\$0	\$0	\$0	\$110,320

General Fund Capital Fund 401							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
BICYCLE IMPROVEMENTS - IOWA TO MLK	\$65,000	-	-	-	-	-	\$65,000
PLAYGROUND IMPROVEMENTS - ORANGE TERRACE	15,016	-	-	-	-	-	15,016
HUNT PARK IMPROVEMENTS	4,809	-	-	-	-	-	4,809
GIS TECHNOLOGY UPGRADE	2,319,463	-	-	-	-	-	2,319,463
DATA CENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS	-	1,046,541	-	-	-	-	1,046,541
CORP YARD SECURITY CAMERAS	61,611	-	-	-	-	-	61,611
FIBER OPTIC CONNECTION UPGRADE	29,916	-	-	-	-	-	29,916
Total Funding Source	\$2,495,815	\$1,046,541	\$0	\$0	\$0	\$0	\$3,542,356

Storm Drain DIF Fund Fund 410							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
MISCELLANEOUS STORM DRAIN CONSTRUCTION	\$13,512	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$513,512
MONROE STORM DRAIN PROJECT (LINES E2, E3, E5)	11,870,682	-	-	-	-	-	11,870,682
FAIRVIEW & CORNWALL STORM DRAIN PROJECT	391,405	-	-	-	-	-	391,405
Total Funding Source	\$12,275,600	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$12,775,600

Regional Park Fund Fund 413							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
FAIRMOUNT PARK GOLF COURSE	\$25,822	-	-	-	-	-	\$25,822
MOUNT RUBIDOUX TRAIL IMPROVEMENTS	68,735	-	-	-	-	-	68,735
SAN ANDREAS DRAINAGE IMPROVEMENTS	11,361	-	-	-	-	-	11,361
PARKS MASTER PLAN UPDATE	20,664	-	-	-	-	-	20,664
MT RUBIDOUX SITE AND TRAIL IMPROVEMENTS	78,069	-	-	-	-	-	78,069
TRAILS MASTER PLAN	\$65,000	-	-	-	-	-	\$65,000

Capital Improvement Projects by Funding Source

Regional Park Fund (continued) Fund 413							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
FAIRMOUNT PARK LAKE EVANS LAKESHORE ACCESS	-	\$325,000	-	-	-	-	325,000
Total Funding Source	\$269,650	\$325,000	\$0	\$0	\$0	\$0	\$594,650

Measure Z Capital Fund Fund 420							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
JO JO WAY SIDEWALKS	\$10,810	-	-	-	-	-	\$10,810
MINOR STREETS REHAB - SLURRY	62,633	-	-	-	-	-	62,633
SIDEWALKS - SELKIRK AVE	5,737	-	-	-	-	-	5,737
METRO MUSEUM EXPANSION AND REHAB	10,167	-	-	-	-	-	10,167
POLICE HEADQUARTERS	69,559	-	-	-	-	-	69,559
CITY BUILDINGS DEFERRED MAINTENANCE	245,148	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,245,148
DATA NETWORK REPLACEMENT	1,748,297	-	-	-	-	-	1,748,297
MEASURE Z PAVEMENT REHABILITATION	4,375,000	-	-	-	-	-	4,375,000
MEASURE Z PAVEMENT REHABILITATION	7,875,000	4,375,000	4,375,000	4,375,000	2,875,000	2,875,000	26,750,000
EASTSIDE LIBRARY	100,000	-	-	-	-	-	100,000
FIRE STATION DORM IMPROVEMENTS	99,573	-	-	-	-	-	99,573
DATACENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS	-	1,862,955	-	-	-	-	1,862,955
CORP YARD SECURITY CAMERAS	15,798	-	-	-	-	-	15,798
FIBER OPTIC CONNECTION UPGRADE	90,605	-	-	-	-	-	90,605
DOWNTOWN LIBRARY	8,156,580	-	-	-	-	-	8,156,580
Total Funding Source	\$22,864,908	\$7,237,955	\$5,375,000	\$5,375,000	\$3,875,000	\$3,875,000	\$48,602,863

Capital Outlay Fund Fund 430							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
ADAMS STREET/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS	\$786,302	-	-	-	-	-	\$786,302
CITYWIDE BIKE SHARE PROGRAM	28,877	-	-	-	-	-	28,877
MAGNOLIA AVENUE WIDENING FROM BUCHANAN STREET TO HOLE	2,027,004	-	-	-	-	-	2,027,004
NORTE VISTA SIDEWALK IMPROVEMENTS	308,907	-	-	-	-	-	308,907
WELLS AND ARLANZA SIDEWALK PROJECT	410,402	-	-	-	-	-	410,402
BNSF/THIRD STREET RAILROAD CROSSING	369,444	-	-	-	-	-	369,444
BNSF RAILROAD CROSSING IMPROVEMENTS - SPRUCE	507,943	-	-	-	-	-	507,943
CENTRAL/CANYON CREST/WATKINS BIKE LANES	942,000	-	-	-	-	-	942,000
PEDESTRIAN & BICYCLE SAFETY PROGRAM	116,620	-	-	-	-	-	116,620
Total Funding Source	\$5,497,499	\$0	\$0	\$0	\$0	\$0	\$5,497,499

Transportation Projects Fund Fund 431							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
ADAIR SIDEWALK-JO JO RANDOLPH	\$139,326	-	-	-	-	-	\$139,326
BONITA SIDEWALK-TYLER PENDLETON	193,358	-	-	-	-	-	193,358
Total Funding Source	\$332,685	\$0	\$0	\$0	\$0	\$0	\$332,685

Measure A Fund Fund 432							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
CONTROLLER ASSEMBLY REPLACEMENT	\$6,590	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$356,590
SPREAD SPECTRUM RADIO REPLACEMENT	12,889	10,000	10,000	10,000	10,000	10,000	62,889
TRAFFIC SIGNAL LOOP REPLACEMENT PROGRAM	\$11,557	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$136,557

Capital Improvement Projects by Funding Source

Measure A Fund (continued)							
Fund 432							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
MISCELLANEOUS SIGNAL REVISIONS PROGRAM	\$124,985	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$624,985
ARTERIAL INTERCONNECT PROGRAM	-	40,000	40,000	40,000	40,000	40,000	200,000
CANYON CREST WIDENING	1,650,000	-	-	-	-	-	1,650,000
UP GRADE SEPARATION - MAGNOLIA	124,840	-	-	-	-	-	124,840
TRAFFIC MANAGEMENT CENTER	2,367	50,000	50,000	50,000	50,000	50,000	252,367
BNSF/UP QUIET ZONE - PANORAMA & CRIDGE	6,624,596	-	-	-	-	-	6,624,596
TYLER WIDENING - WELLS TO HOLE	181	-	-	-	-	-	181
INDIANA WIDENING - PIERCE	419,766	-	-	-	-	-	419,766
NEW TRAFFIC SIGNALS PROGRAM	56,465	250,000	250,000	250,000	250,000	250,000	1,306,465
BNSF QUIET ZONE - MISSION INN, 3RD, & SPRUCE	764,475	772,700	788,200	804,000	-	-	3,129,375
LED SIGNAL LENSES REPLACEMENT PROGRAM	6,798	20,000	20,000	20,000	20,000	20,000	106,798
JURUPA EXTENSION - RUTLAND TO CREST	300,000	-	-	-	-	-	300,000
MISSION BOULEVARD BRIDGE REPLACEMENT AT SANTA ANA RIVER	791,156	800,000	800,000	800,000	-	-	3,191,156
MARKET STREET BRIDGE REPLACEMENT OVER SANTA ANA RIVER	25,908	900,000	850,000	850,000	-	-	2,625,908
UNIVERSITY AVENUE FIBER OPTIC	50,000	-	-	-	-	-	50,000
UP QUIET ZONE - BROCKTON AND PALM	1,515,551	-	-	-	-	-	1,515,551
MAGNOLIA AVENUE WIDENING FROM BUCHANAN STREET TO HOLE	3,747,087	-	-	-	-	-	3,747,087
MAJOR STREETS REHABILITATION	2,247,746	500,000	2,400,000	2,400,000	2,400,000	2,400,000	12,347,746
BNSF/THIRD STREET RAILROAD CROSSING	281,630	-	-	-	-	-	281,630
BNSF RAILROAD CROSSING IMPROVEMENTS - SPRUCE	154,943	-	-	-	-	-	154,943
VAN BUREN BLVD WIDENING	46,673	-	-	-	-	-	46,673
CENTRAL/CANYON CREST/WATKINS BIKE LANES	214,251	-	-	-	-	-	214,251
HIGH FRICTION SURFACE AND HAWK SIGNALS	194,485	-	-	-	-	-	194,485
MONROE REHAB-LINCOLN TO ARLINGTON	1,512,502	-	-	-	-	-	1,512,502
SAN ANDREAS DRAINAGE IMPROVEMENTS	4,000	-	-	-	-	-	4,000
IOWA AVENUE WIDENING	350,000	-	-	-	-	-	350,000
INTERCONNECTED TRAFFIC SIGNAL CONTROLLER REPLACEMENT	560,000	-	-	-	-	-	560,000
OPEN STREETS PLANS	60,006	-	-	-	-	-	60,006
LOCAL ROADWAY SAFETY IMPROVEMENT PLAN	28,000	100,000	-	-	-	-	128,000
TRAFFIC SIGNAL EMERGENCY VEHICLE REPLACEMENT	-	10,000	10,000	10,000	10,000	10,000	50,000
BNSF/THIRD STREET GRADE SEPARATION	1,000,000	-	-	-	-	-	1,000,000
Total Funding Source	\$22,889,447	\$3,647,700	\$5,413,200	\$5,429,000	\$2,975,000	\$2,975,000	\$43,329,347

Transportation DIF Fund							
Fund 433							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
CANYON CREST WIDENING	\$2,685,000	-	-	-	-	-	\$2,685,000
MAGNOLIA AVENUE WIDENING FROM BUCHANAN STREET TO HOLE	295,040	-	-	-	-	-	295,040
IOWA AVENUE WIDENING	1,231,376	-	-	-	-	-	1,231,376
Total Funding Source	\$4,211,416	\$0	\$0	\$0	\$0	\$0	\$4,211,416

TUMF Fund							
Fund 434							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
VAN BUREN-JURUPA TO SANTA ANA RIVER BRIDGE	\$160,000	-	-	-	-	-	\$160,000
ADAMS STREET/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS	3,851,111	-	-	-	-	-	3,851,111
IOWA AVENUE WIDENING	2,869,296	-	-	-	-	-	2,869,296
BNSF/THIRD STREET GRADE SEPARATION	\$3,462,049	-	-	-	-	-	\$3,462,049
Total Funding Source	\$10,342,456	\$0	\$0	\$0	\$0	\$0	\$10,342,456

Capital Improvement Projects by Funding Source

CFD-Riverwalk Vista Fund Fund 456							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
ARLINGTON YOUTH INNOVATION CENTER	\$201,879	-	-	-	-	-	\$201,879
Total Funding Source	\$201,879	\$0	\$0	\$0	\$0	\$0	\$201,879

Redevelopment Successor Agency 2007 Bond Fund Fund 480							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
ARLINGTON YOUTH INNOVATION CENTER	\$383,650	-	-	-	-	-	\$383,650
VILLEGAS PARK IMPROVEMENTS	182,525	-	-	-	-	-	182,525
Total Funding Source	\$566,175	\$0	\$0	\$0	\$0	\$0	\$566,175

Electric Fund Fund 510							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
BUILDING & STRUCTURE IMPROVEMENTS	\$564,874	-	-	-	-	-	\$564,874
DISTRIBUTION LINE EXTENSIONS	680,509	2,135,897	2,152,064	2,831,267	2,942,653	3,178,956	13,921,346
LINE REBUILDS	282,943	1,697,787	1,697,787	2,121,787	4,557,834	5,557,834	15,915,972
STREET LIGHTING	65,111	-	-	-	-	-	65,111
SYSTEM SUBSTATION MODIFICATIONS	49,752	201,414	201,414	223,259	357,547	447,771	1,481,157
TRANSFORMERS	1,199,237	4,000,000	4,500,000	4,500,000	4,700,000	4,700,000	23,599,237
CAPACITORS-REGULATORS	245	-	-	-	-	-	245
METERS	(63,891)	300,000	300,000	300,000	300,000	300,000	1,436,109
SUBSTATION INNOVATION	2,586	-	-	-	-	-	2,586
SERVICES	300	400,000	400,000	400,000	400,000	400,000	2,000,300
SUBSTATION BUS & UPGRADES	6,433,521	6,176,366	6,258,312	1,910,730	6,038,450	2,137,465	28,954,844
MAJOR OVERHEAD/UNDERGROUND CONVERSIONS	184,571	500,000	500,000	500,000	500,000	500,000	2,684,571
MAJOR TRANSMISSION LINE PROJECTS	159,529	300,000	300,000	300,000	300,000	300,000	1,659,529
GENERAL ORDER 165 (GO 165) UPGRADES/REBUILDS/RELOCATION	1,932,968	3,251,297	3,710,554	5,060,145	5,491,648	5,592,151	25,038,763
GO 165 UPGRADES/LINE REBUILDS/RELOCATE-UNDERGROUND	791,875	-	-	-	-	-	791,875
MAJOR TRACT DISTRIBUTION	326,885	-	-	-	-	-	326,885
SUBSTATION TRANSFORMER ADDITION	4,949,399	3,369,075	3,369,075	3,678,851	6,572,868	8,720,116	30,659,384
MAJOR FEEDERS	125,930	600,000	600,000	600,000	600,000	600,000	3,125,930
SOUTHERN CALIFORNIA EDISON (SCE) CONDEMNATION COSTS	3,908	400,000	400,000	400,000	400,000	400,000	2,003,908
CABLE REPLACEMENT	1,827,292	3,272,770	3,388,424	4,652,465	8,129,335	8,129,335	29,399,621
CABLE REPLACEMENT - PUBLIC WORKS STREET REHAB	9,135	-	-	-	-	-	9,135
MAJOR STREET LIGHT PROJECTS	12,538,145	600,000	600,000	600,000	600,000	600,000	15,538,145
NEIGHBORHOOD STREET LIGHT RETROFIT	273,394	-	-	-	1,034,782	1,064,273	2,372,449
FACILITY COMPLIANCE/UPGRADES	500,000	-	-	-	-	-	500,000
MAJOR 4-12 KV CONVERSION	3,640,850	2,734,064	2,734,064	2,803,117	4,768,975	5,440,698	22,121,768
DISTRIBUTION AUTOMATION	712,586	340,000	685,000	885,000	685,000	685,000	3,992,586
BIOGAS TO ENERGY	100,000	-	-	-	-	-	100,000
CITYWIDE COMMUNICATIONS	1,546,530	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	8,046,530
SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)	181,631	600,000	600,000	600,000	600,000	600,000	3,181,631
RIVERSIDE TRANSMISSION RELIABILITY PROJECT (RTRP)	55,504,933	-	-	-	-	-	55,504,933
RTRP - 230KV REIMBURSABLE	163,562	-	-	-	-	-	163,562
BUSINESS SYSTEM TECHNOLOGY UPGRADES	701,384	1,600,326	965,636	946,925	-	-	4,214,271
GEOGRAPHIC INFORMATION SYSTEM (GIS) UPGRADE	-	503,535	517,886	-	-	-	1,021,421
DARK FIBER	588,966	-	-	-	-	-	588,966
ICE BEAR UNITS	3,661,980	-	-	-	-	-	3,661,980
ENTERPRISE OPERATION DATA MGMT SYSTEM	89,076	-	-	-	-	1,001,669	1,090,745
ADVANCED METERING INFRASTRUCTURE	6,038,290	2,573,624	1,265,943	-	1,217,391	1,252,087	12,347,335
OPERATIONAL TECHNOLOGY GOVERNANCE	266,828	889,021	994,812	1,377,776	443,130	455,760	4,427,327
WORK, ASSET, & INVENTORY MGMT SYSTEM	659,370	671,380	2,071,543	2,367,313	852,174	626,043	7,247,823
NETWORK COMMUNICATION SYSTEM	\$6,250	\$895,173	\$1,150,857	\$1,183,657	\$1,217,391	\$1,252,087	\$5,705,415

Capital Improvement Projects by Funding Source

Electric Fund (continued) Fund 510							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
LAND MOBILE RADIO	-	-	\$344,106	\$353,913	\$364,000	\$374,374	\$1,436,393
OUTAGE MANAGEMENT SYSTEM	-	144,347	471,851	662,848	681,739	701,168	2,661,953
ADVANCED DISTRIBUTION MANAGEMENT SYSTEM	-	501,297	786,036	965,864	993,391	1,021,703	4,268,291
MOBILE APPLICATIONS	-	1,706,424	-	236,731	608,695	-	2,551,850
DATA NETWORK REPLACEMENT	554,966	-	-	-	-	-	554,966
Total Funding Source	\$107,255,419	\$41,663,797	\$42,265,364	\$41,761,648	\$56,657,003	\$57,338,490	\$346,941,721

Water Fund Fund 520							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
DISTRIBUTION AUTOMATION/RELIABILITY	-	\$604,242	\$161,120	\$591,828	\$620,869	\$513,356	\$2,491,415
SYSTEM EXPANSION	(1,069,493)	1,734,262	1,783,689	1,834,524	1,886,808	1,625,678	7,795,468
METERS	580,443	895,173	920,686	946,925	973,913	1,001,669	5,318,809
WATER STOCK	19,125	10,880	11,190	11,509	11,837	11,837	76,378
DISTRIBUTION SYSTEM FACILITIES REPLACEMENTS	(994,776)	2,599,532	2,652,243	2,706,457	2,012,216	2,012,216	10,987,888
MAIN REPLACEMENTS PROGRAM	2,495,045	3,900,782	4,579,715	5,943,769	9,130,432	10,342,235	36,391,978
STREET IMPROVEMENTS	102,421	-	-	-	-	-	102,421
TRANSMISSION MAINS	1,286,754	10,353,799	6,214,629	6,320,727	9,836,519	5,884,807	39,897,235
PUMP STATION REPLACEMENTS	3,264,988	-	-	-	-	-	3,264,988
FACILITY REHABILITATION PROGRAM	1,277,100	1,454,657	920,686	1,716,302	1,339,129	1,815,525	8,523,399
PROPERTY ACQUISITION	3,000	-	-	-	-	-	3,000
RECYCLED WATER (JACKSON ST. PHASE I)	2,434,777	-	-	-	-	-	2,434,777
SEVEN OAKS DAM CONSERVATION - ENHANCED RECHARGE	6,232,741	2,797,417	-	-	-	-	9,030,158
AQUIFER STORAGE & RECOVERY SYSTEM	1,613,773	-	-	-	-	-	1,613,773
HYDRANT CHECK VALVES	50,208	97,916	100,707	103,577	106,529	106,529	565,466
UPPER SANTA ANA RIVER HABITAT CONSERVATION PLAN	190,744	-	-	-	-	-	190,744
ENTERPRISE OPERATION DATA MGMT SYSTEM	47,963	-	-	-	-	-	47,963
ADVANCED METERING INFRASTRUCTURE	1,524,114	2,349,830	1,979,475	1,420,388	2,069,565	626,043	9,969,415
OPERATIONAL TECHNOLOGY GOVERNANCE	161,331	125,325	128,896	231,998	238,609	245,409	1,131,568
WORK, ASSET, & INVENTORY MGMT SYSTEM	-	-	-	603,665	365,217	751,252	1,720,134
NETWORK COMMUNICATION SYSTEM	1,162,344	223,793	230,171	710,194	-	-	2,326,502
LAND MOBILE RADIO	-	-	322,240	-	-	-	322,240
MOBILE APPLICATIONS	-	-	-	503,054	-	-	503,054
SCADA UPGRADE & SYSTEM AUTOMATION	626,733	671,380	920,686	946,925	730,435	1,502,504	5,398,663
POTABLE/IRRIGATION WELL REPLACEMENT	416,286	2,797,417	575,429	4,497,896	608,695	3,130,217	12,025,940
DATA NETWORK REPLACEMENT	205,594	-	-	-	-	-	205,594
Total Funding Source	\$21,631,215	\$30,616,405	\$21,501,562	\$29,089,738	\$29,930,773	\$29,569,277	\$162,338,970

Airport Fund Fund 530							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
AIRPORT RUNWAY 16/34 REHABILITATION	-	\$2,475	\$41,250	-	-	-	\$43,725
AIRPORT TAXIWAY A REHAB	20,000	-	-	5,500	27,500	-	53,000
TAXIWAY J REHAB	-	82,500	-	-	-	-	82,500
AIRPORT EMERGENCY GENERATOR	247,216	16,500	-	-	-	-	263,716
AIRPORT RUNWAY 34 WINDSOCK RELOCATION	-	1,100	-	-	-	-	1,100
AIRPORT AIRFIELD SIGNAGE	-	1,650	-	-	-	-	1,650
DATA NETWORK REPLACEMENT	9,533	-	-	-	-	-	9,533
AIRPORT FACILITIES TERMINAL PATIO DECK	119,568	-	-	-	-	-	119,568
APRON ASPHALT PROJECT PHASE I	100,000	-	-	-	-	-	100,000
AIRPORT CAMERA SYSTEM	4,238	-	-	-	-	-	4,238
Total Funding Source	\$500,554	\$104,225	\$41,250	\$5,500	\$27,500	\$0	\$679,029

Capital Improvement Projects by Funding Source

Refuse Fund Fund 540							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
LANDFILL FLARE STATION	\$160	-	-	-	-	-	\$160
DATA NETWORK REPLACEMENT	74,553	-	-	-	-	-	74,553
Total Funding Source	\$74,713	\$0	\$0	\$0	\$0	\$0	\$74,713

Sewer Fund Fund 550							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
WQCP - SECURITY SYSTEM UPGRADE	\$199,787	-	-	-	-	-	\$199,787
TEQUESQUITE/ARROYO TRUNK LINE	128,174	-	-	-	-	-	128,174
SANTA ANA RIVER TRUNK REPLACEMENT	49,389	-	-	-	-	-	49,389
RWQCP REHABILITATION - PHASE II	30,000	-	-	-	-	-	30,000
WQCP - PLANT EXPANSION PHASE I	1,636,924	-	-	-	-	-	1,636,924
FAIRGROUNDS WASTEWATER	96,963	-	-	-	-	-	96,963
ADMIN BUILDING HVAC REPLACEMENT	167,423	-	-	-	-	-	167,423
TERTIARY SYSTEM REHAB - PHASE I	819,791	-	-	-	-	-	819,791
DEXTER WASTEWATER	126,472	-	-	-	-	-	126,472
PLANT SUP FACILITY AND SYSTEM REHAB	355,027	-	-	-	-	-	355,027
BIO-SOLIDS HANDLING REHABILITATION	911,403	-	-	-	-	-	911,403
WQCP - ARLANZA SEWER TRUNK REHABILITATION	247	-	-	-	-	-	247
ARC FLASH STUDY	107,722	-	-	-	-	-	107,722
WASTEWATER LIFT STATIONS	260,133	-	-	-	-	-	260,133
WQCP - COLLECTION SYSTEM MASTER PLAN UPDATE	218,352	-	-	-	-	-	218,352
WOODCREST SEWER CONSTRUCTION- PHASE I	11,064,462	-	-	-	-	-	11,064,462
DATA NETWORK REPLACEMENT	136,688	-	-	-	-	-	136,688
PLANT II ACTIVATED SLUDGE REHAB - PHASE I	431,874	-	-	-	-	-	431,874
SEWER FORCEMAIN REPLACEMENT - MAGNOLIA	555,990	-	-	-	-	-	555,990
SEWER MAINS REHAB FY 2018/19	1,089,550	-	-	-	-	-	1,089,550
SEWER MAINS REHAB FY 2017/18	302,401	-	-	-	-	-	302,401
WQCP - INFLUENT ELECTROMAGNETIC METER REHAB REPLACEMENT	160,838	-	-	-	-	-	160,838
PIERCE ST PUMP STATION REHABILITATION	-	2,000,000	-	-	-	-	2,000,000
WESTERN, MLK, & GARDEN HILL LIFT STATION REHAB	-	250,000	1,750,000	-	-	-	2,000,000
ELIMINATION OF UNIVERSITY KNOLLS PUMP STATION	-	50,000	700,000	-	-	-	750,000
SEWER MAIN REPLACEMENT – PALM AVE	-	-	-	120,000	1,080,000	-	1,200,000
SEWER MAIN REPLACEMENT – PALM & RUBIDOUX	-	-	-	75,000	675,000	-	750,000
SEWER MAIN REPLACEMENT – RUBIDOUX AVE	-	-	-	60,000	540,000	-	600,000
SEWER MAIN REPLACEMENT – RUTLAND AVE	-	-	-	-	40,000	360,000	400,000
SEWER MAIN REPLACEMENT – WEST RUTLAND AVE	-	-	-	-	60,000	540,000	600,000
SEWER MAIN REPLACEMENT – KMART LOT	-	-	-	-	85,000	765,000	850,000
GOLDEN AVENUE SEWER PIPE REPLACEMENT	-	-	-	-	60,000	540,000	600,000
SEWER MAIN REPLACEMENT – S.A.R. TRAIL	-	-	-	75,000	675,000	-	750,000
SEWER PIPE EXPANSION – GREENPOINT AVE	-	-	-	2,000	18,000	-	20,000
ARLINGTON VALLEY CHANNEL PIPE REPLACEMENT	-	-	-	-	300,000	2,700,000	3,000,000
SEWER PIPELINE REPLACEMENT – MORRIS ST	-	-	-	-	200,000	1,800,000	2,000,000
SEWER MAIN REPLACEMENT – MARKET ST	-	-	-	25,000	225,000	-	250,000
PRIORITY PIPELINE ASSESSMENT & REPAIR	-	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000
UPGRADE INFLUENT FLOW-METERS TO MAG-METERS	-	-	500,000	5,726,800	-	-	6,226,800
WQCP HEADWORKS AREA REHABILITATION	-	-	-	500,000	12,142,600	-	12,642,600
WQCP ACTIVATED TREATMENT TRAIN REHAB	-	-	-	-	500,000	5,489,200	5,989,200
WQCP PLANT II SLUDGE PUMPS I & II REHAB	-	-	-	-	250,000	2,375,700	2,625,700
WQCP DAFT REHABILITATION	-	-	-	-	500,000	7,528,800	8,028,800
WQCP MEMBRANE BIOREACTOR REHABILITATION	-	5,000,000	-	-	-	-	5,000,000
WQCP HVAC UPGRADE PHASE II	-	1,700,000	-	-	-	-	1,700,000
WQCP WAREHOUSE BUILDING REPLACEMENT	-	-	100,000	1,400,000	-	-	1,500,000
WQCP DIGESTER NO. V REHABILITATION	-	250,000	2,750,000	-	-	-	3,000,000
WQCP RING INTERCONNECTION PIPE	-	\$2,000,000	-	-	-	-	\$2,000,000

Capital Improvement Projects by Funding Source

Sewer Fund (continued) Fund 550							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
WOCP ELECTRIC SWITCHGEAR REPLACEMENT	-	\$150,000	\$350,000	-	-	-	\$500,000
WOCP SCADA INFRASTRUCTURE REPLACEMENT	-	-	250,000	-	-	-	250,000
WOCP WIFI PHASE II	-	-	-	-	400,000	-	400,000
Total Funding Source	\$18,849,608	\$14,000,000	\$9,000,000	\$10,583,800	\$20,350,600	\$24,698,700	\$97,482,708

Special Transit Fund Fund 560							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
SLOW FILL STATION	\$7,566	-	-	-	-	-	\$7,566
Total Funding Source	\$7,566	\$0	\$0	\$0	\$0	\$0	\$7,566

Public Parking Fund 570							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
GARAGE LED LIGHTING UPGRADE	-	-	\$190,000	-	-	-	\$190,000
STRUCTURAL UPGRADES FOR GARAGES 1 & 2	-	-	580,000	-	-	-	580,000
Total Funding Source	\$0	\$0	\$770,000	\$0	\$0	\$0	\$770,000

Central Stores Fund Fund 640							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
DATA NETWORK REPLACEMENT	\$10,893	-	-	-	-	-	\$10,893
Total Funding Source	\$10,893	\$0	\$0	\$0	\$0	\$0	\$10,893

Fleet Fund Fund 650							
Project Name	Carryover Amount*						Total
		2020/21	2021/22	2022/23	2023/24	2024/25	
FLEET METHANE DETECTION SYSTEM	\$1,247,786	-	-	-	-	-	\$1,247,786
DATA NETWORK REPLACEMENT	46,301	-	-	-	-	-	46,301
Total Funding Source	\$1,294,087	\$0	\$0	\$0	\$0	\$0	\$1,294,087

Total	\$261,963,297	\$110,063,415	\$95,091,376	\$102,169,686	\$123,740,876	\$128,381,467	\$821,410,117
--------------	----------------------	----------------------	---------------------	----------------------	----------------------	----------------------	----------------------

* Estimated carryover is calculated using unaudited actuals as June 30, 2020 and does not take into account additional accruals and adjusting entries.

Capital Improvement Projects by Project Category

Airport						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
AIRPORT RUNWAY 16/34 REHABILITATION	\$2,475	\$41,250	-	-	-	\$43,725
AIRPORT TAXIWAY A REHAB	-	-	5,500	27,500	-	\$33,000
TAXIWAY J REHAB	82,500	-	-	-	-	\$82,500
AIRPORT EMERGENCY GENERATOR	16,500	-	-	-	-	\$16,500
AIRPORT RUNWAY 34 WINDSOCK RELOCATION	1,100	-	-	-	-	\$1,100
AIRPORT AIRFIELD SIGNAGE	1,650	-	-	-	-	\$1,650
Total Project Category	\$104,225	\$41,250	\$5,500	\$27,500	\$0	\$178,475

Electric						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
DISTRIBUTION LINE EXTENSIONS	\$2,135,897	\$2,152,064	\$2,831,267	\$2,942,653	\$3,178,956	\$13,240,837
LINE REBUILDS	1,697,787	1,697,787	2,121,787	4,557,834	5,557,834	\$15,633,029
SYSTEM SUBSTATION MODIFICATIONS	201,414	201,414	223,259	357,547	447,771	\$1,431,405
TRANSFORMERS	4,000,000	4,500,000	4,500,000	4,700,000	4,700,000	\$22,400,000
METERS	300,000	300,000	300,000	300,000	300,000	\$1,500,000
SERVICES	400,000	400,000	400,000	400,000	400,000	\$2,000,000
SUBSTATION BUS & UPGRADES	6,176,366	6,258,312	1,910,730	6,038,450	2,137,465	\$22,521,323
MAJOR OVERHEAD/UNDERGROUND CONVERSIONS	500,000	500,000	500,000	500,000	500,000	\$2,500,000
MAJOR TRANSMISSION LINE PROJECTS	300,000	300,000	300,000	300,000	300,000	\$1,500,000
GENERAL ORDER 165 UPGRADES/REBUILDS/RELOCATION	3,251,297	3,710,554	5,060,145	5,491,648	5,592,151	\$23,105,795
SUBSTATION TRANSFORMER ADDITION	3,369,075	3,369,075	3,678,851	6,572,868	8,720,116	\$25,709,985
MAJOR FEEDERS	600,000	600,000	600,000	600,000	600,000	\$3,000,000
SOUTHERN CALIFORNIA EDISON (SCE) CONDEMNATION COSTS	400,000	400,000	400,000	400,000	400,000	\$2,000,000
CABLE REPLACEMENT	3,272,770	3,388,424	4,652,465	8,129,335	8,129,335	\$27,572,329
MAJOR STREET LIGHT PROJECTS	600,000	600,000	600,000	600,000	600,000	\$3,000,000
NEIGHBORHOOD STREET LIGHT RETROFIT	-	-	-	1,034,782	1,064,273	\$2,099,055
MAJOR 4-12 KV CONVERSION	2,734,064	2,734,064	2,803,117	4,768,975	5,440,698	\$18,480,918
DISTRIBUTION AUTOMATION	340,000	685,000	885,000	685,000	685,000	\$3,280,000
CITYWIDE COMMUNICATIONS	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	\$6,500,000
SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)	600,000	600,000	600,000	600,000	600,000	\$3,000,000
BUSINESS SYSTEM TECHNOLOGY UPGRADES	1,600,326	965,636	946,925	-	-	\$3,512,887
GEOGRAPHIC INFORMATION SYSTEM (GIS) UPGRADE	503,535	517,886	-	-	-	\$1,021,421
ENTERPRISE OPERATION DATA MGMT SYSTEM	-	-	-	-	1,001,669	\$1,001,669
ADVANCED METERING INFRASTRUCTURE	2,573,624	1,265,943	-	1,217,391	1,252,087	\$6,309,045
OPERATIONAL TECHNOLOGY GOVERNANCE	889,021	994,812	1,377,776	443,130	455,760	\$4,160,499
WORK, ASSET, & INVENTORY MGMT SYSTEM	671,380	2,071,543	2,367,313	852,174	626,043	\$6,588,453
NETWORK COMMUNICATION SYSTEM	895,173	1,150,857	1,183,657	1,217,391	1,252,087	\$5,699,165
LAND MOBILE RADIO	-	344,106	353,913	364,000	374,374	\$1,436,393
OUTAGE MANAGEMENT SYSTEM	144,347	471,851	662,848	681,739	701,168	\$2,661,953
ADVANCED DISTRIBUTION MANAGEMENT SYSTEM	501,297	786,036	965,864	993,391	1,021,703	\$4,268,291
MOBILE APPLICATIONS	1,706,424	-	236,731	608,695	-	\$2,551,850
Total Project Category	\$41,663,797	\$42,265,364	\$41,761,648	\$56,657,003	\$57,338,490	\$239,686,302

Innovation and Technology						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
DATACENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS	\$2,909,496	-	-	-	-	\$2,909,496
Total Project Category	\$2,909,496	\$0	\$0	\$0	\$0	\$2,909,496

Capital Improvement Projects by Project Category

Municipal Buildings and Facilities

Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
CITY BUILDINGS DEFERRED MAINTENANCE	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Total Project Category	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Parks, Recreation, and Community Services

Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
FAIRMOUNT PARK LAKE EVANS LAKESHORE ACCESS	\$325,000	-	-	-	-	\$325,000
Total Project Category	\$325,000	\$0	\$0	\$0	\$0	\$325,000

Public Parking

Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
GARAGE LED LIGHTING UPGRADE	-	\$190,000	-	-	-	\$190,000
STRUCTURAL UPGRADES FOR GARAGES 1 & 2	-	580,000	-	-	-	\$580,000
Total Project Category	\$0	\$770,000	\$0	\$0	\$0	\$770,000

Railroad-Related

Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
BNSF QUIET ZONE - MISSION INN, 3RD, & SPRUCE	\$772,700	\$788,200	\$804,000	-	-	\$2,364,900
Total Project Category	\$772,700	\$788,200	\$804,000	\$0	\$0	\$2,364,900

Sewer

Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
PIERCE ST PUMP STATION REHABILITATION	\$2,000,000	-	-	-	-	\$2,000,000
WESTERN, MLK, & GARDEN HILL LIFT STATION REHAB	250,000	1,750,000	-	-	-	\$2,000,000
PLANT II ACTIVATED SLUDGE REHAB - PHASE I	50,000	700,000	-	-	-	\$750,000
SEWER MAIN REPLACEMENT – PALM AVE	-	-	120,000	1,080,000	-	\$1,200,000
SEWER MAIN REPLACEMENT – PALM & RUBIDOUX	-	-	75,000	675,000	-	\$750,000
SEWER MAIN REPLACEMENT – RUBIDOUX AVE	-	-	60,000	540,000	-	\$600,000
SEWER MAIN REPLACEMENT – RUTLAND AVE	-	-	-	40,000	360,000	\$400,000
SEWER MAIN REPLACEMENT – WEST RUTLAND AVE	-	-	-	60,000	540,000	\$600,000
SEWER MAIN REPLACEMENT – KMART LOT	-	-	-	85,000	765,000	\$850,000
GOLDEN AVENUE SEWER PIPE REPLACEMENT	-	-	-	60,000	540,000	\$600,000
SEWER MAIN REPLACEMENT – S.A.R. TRAIL	-	-	75,000	675,000	-	\$750,000
SEWER PIPE EXPANSION – GREENPOINT AVE	-	-	2,000	18,000	-	\$20,000
ARLINGTON VALLEY CHANNEL PIPE REPLACEMENT	-	-	-	300,000	2,700,000	\$3,000,000
SEWER PIPELINE REPLACEMENT – MORRIS ST	-	-	-	200,000	1,800,000	\$2,000,000
SEWER MAIN REPLACEMENT – MARKET ST	-	-	25,000	225,000	-	\$250,000
PRIORITY PIPELINE ASSESSMENT & REPAIR	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	\$13,000,000
UPGRADE INFLUENT FLOW-METERS TO MAG-METERS	-	500,000	5,726,800	-	-	\$6,226,800
WQCP HEADWORKS AREA REHABILITATION	-	-	500,000	12,142,600	-	\$12,642,600
WQCP ACTIVATED TREATMENT TRAIN REHAB	-	-	-	500,000	5,489,200	\$5,989,200
WQCP PLANT II SLUDGE PUMPS I & II REHAB	-	-	-	250,000	2,375,700	\$2,625,700
WQCP DAFT REHABILITATION	-	-	-	500,000	7,528,800	\$8,028,800
WQCP MEMBRANE BIOREACTOR REHABILITATION	5,000,000	-	-	-	-	\$5,000,000
WQCP HVAC UPGRADE PHASE II	\$1,700,000	-	-	-	-	\$1,700,000

Capital Improvement Projects by Project Category

Sewer (continued)						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
WQCP WAREHOUSE BUILDING REPLACEMENT	-	\$100,000	\$1,400,000	-	-	\$1,500,000
WQCP DIGESTER NO. V REHABILITATION	250,000	2,750,000	-	-	-	\$3,000,000
WQCP RING INTERCONNECTION PIPE	2,000,000	-	-	-	-	\$2,000,000
WQCP ELECTRIC SWITCHGEAR REPLACEMENT	150,000	350,000	-	-	-	\$500,000
WQCP SCADA INFRASTRUCTURE REPLACEMENT	-	250,000	-	-	-	\$250,000
WQCP WIFI PHASE II	-	-	-	400,000	-	\$400,000
Total Project Category	\$14,000,000	\$9,000,000	\$10,583,800	\$20,350,600	\$24,698,700	\$78,633,100

Storm Drain						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
MISCELLANEOUS STORM DRAIN CONSTRUCTION	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
VAN BUREN BLVD PUMP STATION REHABILITATION	100,000	-	-	-	-	\$100,000
SIERRA STREET STORM DRAIN IMPROVEMENTS	450,000	-	-	-	-	\$450,000
Total Project Category	\$ 650,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,050,000

Transportation						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
MISC STREET CONSTRUCTION PROGRAM	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,300,000
CONTROLLER ASSEMBLY REPLACEMENT	70,000	70,000	70,000	70,000	70,000	\$350,000
SPREAD SPECTRUM RADIO REPLACEMENT	10,000	10,000	10,000	10,000	10,000	\$50,000
TRAFFIC SIGNAL LOOP REPLACEMENT PROGRAM	25,000	25,000	25,000	25,000	25,000	\$125,000
MISCELLANEOUS SIGNAL REVISIONS PROGRAM	100,000	100,000	100,000	100,000	100,000	\$500,000
ARTERIAL INTERCONNECT PROGRAM	40,000	40,000	40,000	40,000	40,000	\$200,000
TRAFFIC MANAGEMENT CENTER	50,000	50,000	50,000	50,000	50,000	\$250,000
NEW TRAFFIC SIGNALS PROGRAM	250,000	250,000	250,000	250,000	250,000	\$1,250,000
LED SIGNAL LENSES REPLACEMENT PROGRAM	20,000	20,000	20,000	20,000	20,000	\$100,000
MISSION BLVD BRIDGE REPLACEMENT AT SANTA ANA RIVER	800,000	800,000	800,000	-	-	\$2,400,000
MARKET STREET BRIDGE REPLACEMENT OVER SANTA ANA RIVER	900,000	850,000	850,000	-	-	\$2,600,000
MISCELLANEOUS TRAFFIC PROJECTS	75,000	75,000	75,000	75,000	75,000	\$375,000
MAJOR STREETS REHABILITATION	500,000	2,400,000	2,400,000	2,400,000	2,400,000	\$10,100,000
CURB AND GUTTER REPAIR PROGRAM	200,000	200,000	200,000	200,000	200,000	\$1,000,000
MINOR STREET REHABILITATION PROGRAM	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	\$7,500,000
SIDEWALK/TRAIL CONSTRUCTION PROGRAM	300,000	300,000	300,000	300,000	300,000	\$1,500,000
SIDEWALK REPAIR PROGRAM	300,000	300,000	300,000	300,000	300,000	\$1,500,000
PEDESTRIAN RAMPS PROGRAM	300,000	300,000	300,000	300,000	300,000	\$1,500,000
CDBG STREET IMPROVEMENTS - MATCHING FUNDS	150,000	150,000	150,000	150,000	150,000	\$750,000
MINOR STREET PRESERVATION PROGRAM (SLURRY/ARAM)	500,000	500,000	500,000	500,000	500,000	\$2,500,000
MEASURE Z PAVEMENT REHABILITATION & IMPROVEMENTS	4,375,000	4,375,000	4,375,000	2,875,000	2,875,000	\$18,875,000
ADAIR SIDEWALK-JO JO RANDOLPH	75,000	-	-	-	-	\$75,000
BONITA SIDEWALK-TYLER PENDLETON	135,000	-	-	-	-	\$135,000
LOCAL ROADWAY SAFETY IMPROVEMENT PLAN	100,000	-	-	-	-	\$100,000
BERRY RD WIDENING - SELINA STREET TO BUSH AVE	-	800,000	-	-	-	\$800,000
VICTORIA AT WASHINGTON SOUTHBOUND MERGE LANE	55,000	-	-	-	-	\$55,000
SIDEWALK FRONTING PATRICIA BEATTY	125,000	-	-	-	-	\$125,000
TRAFFIC SIGNAL EMERGENCY VEHICLE REPLACEMENT	10,000	10,000	10,000	10,000	10,000	\$50,000
RMRA TRAFFIC IMPROVEMENTS FY2020/21	6,196,792	-	-	-	-	\$6,196,792
RMRA TRAFFIC IMPROVEMENTS FY2021/22	-	6,000,000	6,000,000	6,000,000	6,000,000	\$24,000,000
KNOEFLER STREET IMPROVEMENTS	560,000	-	-	-	-	\$560,000
Total Project Category	\$18,021,792	\$19,625,000	\$18,825,000	\$15,675,000	\$15,675,000	\$87,821,792

Capital Improvement Projects by Project Category

Water						
Project Name	2020/21	2021/22	2022/23	2023/24	2024/25	Total
DISTRIBUTION AUTOMATION/RELIABILITY	\$604,242	\$161,120	\$591,828	\$620,869	\$513,356	\$2,491,415
SYSTEM EXPANSION	1,734,262	1,783,689	1,834,524	1,886,808	1,625,678	\$8,864,961
METERS	895,173	920,686	946,925	973,913	1,001,669	\$4,738,366
WATER STOCK	10,880	11,190	11,509	11,837	11,837	\$57,253
DISTRIBUTION SYSTEM FACILITIES REPLACEMENTS	2,599,532	2,652,243	2,706,457	2,012,216	2,012,216	\$11,982,664
MAIN REPLACEMENTS PROGRAM	3,900,782	4,579,715	5,943,769	9,130,432	10,342,235	\$33,896,933
TRANSMISSION MAINS	10,353,799	6,214,629	6,320,727	9,836,519	5,884,807	\$38,610,481
FACILITY REHABILITATION PROGRAM	1,454,657	920,686	1,716,302	1,339,129	1,815,525	\$7,246,299
SEVEN OAKS DAM CONSERVATION - ENHANCED RECHARGE	2,797,417	-	-	-	-	\$2,797,417
HYDRANT CHECK VALVES	97,916	100,707	103,577	106,529	106,529	\$515,258
ADVANCED METERING INFRASTRUCTURE	2,349,830	1,979,475	1,420,388	2,069,565	626,043	\$8,445,301
OPERATIONAL TECHNOLOGY GOVERNANCE	125,325	128,896	231,998	238,609	245,409	\$970,237
WORK, ASSET, & INVENTORY MGMT SYSTEM	-	-	603,665	365,217	751,252	\$1,720,134
NETWORK COMMUNICATION SYSTEM	223,793	230,171	710,194	-	-	\$1,164,158
LAND MOBILE RADIO	-	322,240	-	-	-	\$322,240
MOBILE APPLICATIONS	-	-	503,054	-	-	\$503,054
SCADA UPGRADE & SYSTEM AUTOMATION	671,380	920,686	946,925	730,435	1,502,504	\$4,771,930
POTABLE/IRRIGATION WELL REPLACEMENT	2,797,417	575,429	4,497,896	608,695	3,130,217	\$11,609,654
Total Project Category	\$30,616,405	\$21,501,562	\$29,089,738	\$29,930,773	\$29,569,277	\$140,707,755

Total	\$110,063,415	\$95,091,376	\$102,169,686	\$123,740,876	\$128,381,467	\$559,446,820
--------------	----------------------	---------------------	----------------------	----------------------	----------------------	----------------------

Revenue Summary by Fund

General Funds					
Fund	2020/21	2021/22	2022/23	2023/24	2024/25
401 General Fund Capital Projects	\$1,046,541	-	-	-	-
420 Measure Z Capital (transferred from 110)	7,237,955	5,375,000	5,375,000	3,875,000	3,875,000
Total General Funds	\$8,284,496	\$5,375,000	\$5,375,000	\$3,875,000	\$3,875,000

Transportation Funds					
Fund	2020/21	2021/22	2022/23	2023/24	2024/25
230 Gas Tax	\$14,509,047	\$14,939,819	\$15,383,514	\$15,840,519	\$16,311,234
432 Measure A	6,649,000	6,714,000	6,780,000	6,846,000	6,913,000
433 Transportation DIF	700,000	720,100	740,803	762,127	784,091
Total Transportation Funds	\$21,858,047	\$22,373,919	\$22,904,317	\$23,448,646	\$24,008,325

Grants Funds					
Fund	2020/21	2021/22	2022/23	2023/24	2024/25
215 Grants and Restricted Programs Fund	\$2,171,796	\$2,186,266	\$1,997,220	\$1,997,220	\$1,997,220
Total Grants Funds	\$2,171,796	\$2,186,266	\$1,997,220	\$1,997,220	\$1,997,220

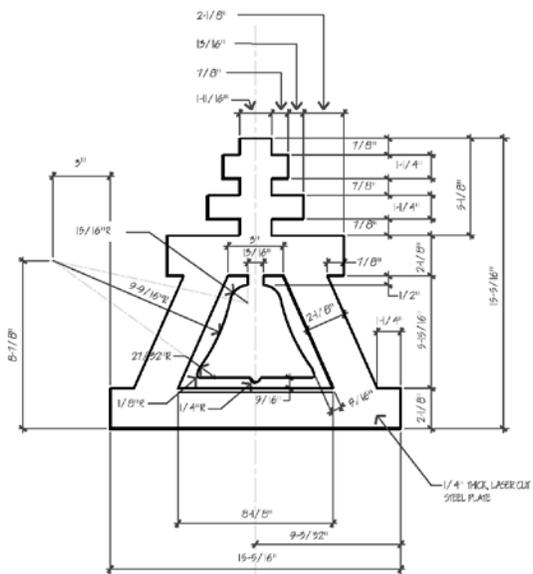
Enterprise Funds*					
Fund	2020/21	2021/22	2022/23	2023/24	2024/25
510 Electric	\$435,365,417	\$450,420,511	\$470,739,206	\$497,380,831	\$519,932,561
520 Water	107,116,796	105,467,931	117,525,870	120,887,599	124,663,960
530 Airport	1,546,244	1,572,291	1,615,682	1,660,332	1,706,277
540 Refuse	25,222,325	25,256,125	25,507,887	25,762,166	26,018,988
550 Sewer	71,210,352	72,173,882	73,315,836	74,483,645	75,678,051
560 Special Transit	5,221,644	5,477,438	5,637,463	5,697,201	5,783,449
570 Public Parking	7,381,402	7,611,776	7,832,430	8,059,484	8,293,122
Total Enterprise Funds*	\$653,064,180	\$667,979,954	\$702,174,374	\$733,931,258	\$762,076,408

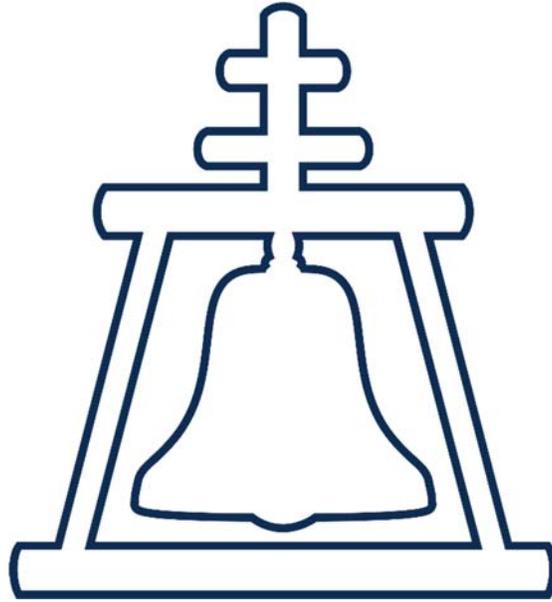
Other Funds					
Fund	2020/21	2021/22	2022/23	2023/24	2024/25
240 Air Quality Management District	\$650,000	\$650,000	\$656,500	\$663,065	\$669,695
410 Storm Drain DIF	247,500	254,550	261,812	269,291	276,994
411 Special Capital Improvement	2,474,588	2,480,016	2,480,016	2,480,016	2,480,016
413 Regional Park Special Capital Imp	383,000	383,000	363,000	363,000	363,000
640 Central Stores	1,342,638	1,342,638	1,342,638	1,342,638	1,342,638
650 Central Garage	13,496,361	13,678,994	14,007,289	14,343,464	14,687,707
Total Other Funds	\$18,594,087	\$18,789,198	\$19,111,255	\$19,461,474	\$19,820,050

Total Revenue	\$703,972,606	\$716,704,337	\$751,562,166	\$782,713,598	\$811,777,003
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

* Bond proceeds are included in the Electric and Water funds revenue estimates.

NOTES

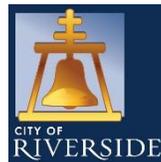




CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

AIRPORT



Project Category Overview: Airport

Introduction

The Airport Division of the General Services Department is responsible for ensuring safe municipal and corporation aviation operations on more than 525 acres. The Division oversees the Airport leasing program, which includes more than 120 leases, manages the Airport capital improvement program, infrastructure maintenance, and provides administration of Federal Aviation Administration policies and procedures. With continued economic stabilization and anticipated future development at the Airport, failure to address an aging airport infrastructure will negatively impact operations, so it is of vital importance to continue to maintain capital projects within the airport.

One-Year Budget and Five-Year Plan



The five-year capital improvement program for the Airport totals \$178,475. Implementation of the CIP is consistent with the goals set forth in the 2009 Airport Master Plan. With steady economic recovery, Riverside Municipal Airport experienced growth with the addition of a seventh aviation school providing the Inland Empire and surrounding counties with the largest

selection of education in flight, mechanical, and degree programs in the region.

Airport CIP projects include airfield projects that are 90% funded through the Federal Aviation Administration's (FAA) Airport Improvement Program. Federal funding requests for airfield projects are submitted each year to the FAA. The City competes for priority status with other airports for project funding in the FAA's Western-Pacific Region. Other Airport facility projects that do not qualify for FAA funding are funded through the Airport's fund balance and operating budget.

Project Category Overview: Airport

Project Highlights:

Emergency Generator

Riverside Municipal Airport is not currently equipped with an emergency generator. In the event the City power source is interrupted, airfield lighting would be impacted. The propane generator will be installed on a concrete pad adjacent to the north side of the lighting vault and enclosed by an 8-foot chain-link fence.

Airfield Signage

Riverside Municipal Airport is equipped with both Siemens and Lumacurve airfield signs. Extensive sun exposure has resulted in the fading of several taxiway and runway signs impacting airfield safety. The Airfield Signage Replacement project will include replacing faded signs and replacing airfield lighting with LED technology.

Relocate Runway 34 Windsock

An unlighted wind cone is located just east of Runway 16 and within the Runway Object Free Area (ROFA), referred to as the safety area for Runway 16/34. The current location serves as an obstacle for planes arriving or departing. The windsock will be relocated approximately 50 feet farther east and outside of the ROFA.

Taxiway A Design and Rehabilitation

The rehabilitation of Taxiway A will consist of repairing cracks and sub-base failure on the entire 5,401-foot taxiway. Taxiway A runs parallel to Runway 9/27 located on the north side of the airport and is the main taxiway used for landings during crosswinds. Taxiway A has not been extensively repaired since initial construction. Taxiway A provides access to Runway 9/27 and tenant hangars located on the east side of the airport. Funds used in FY 2020/21 and 2021/22 are dedicated to project design costs.

Funding for CIP projects is typically derived from federal and state funds (Federal Aviation Administration and California Department of Transportation (CALTRANS) Division of Aeronautics grant programs. Other funding sources include rent revenues from airport buildings, hangars and ground leases, tie-down fees, and fuel flowage fees.

Project Category Overview: Airport

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
530	Airport Fund	\$104,225	\$41,250	\$5,500	\$27,500	-	\$178,475
	TOTAL	\$104,225	\$41,250	\$5,500	\$27,500	\$0	\$178,475

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Airport						
Airport - Taxiway A Rehab	-	-	\$5,500	\$27,500	-	\$33,000
Airport - Taxiway J Rehab	82,500	-	-	-	-	\$82,500
Airport Airfield Signage	1,650	-	-	-	-	\$1,650
Airport Emergency Generator	16,500	-	-	-	-	\$16,500
Runway 16/34 Rehabilitation	2,475	41,250	-	-	-	\$43,725
Airport Runway 34 Windsock Relocation	1,100	-	-	-	-	\$1,100
TOTAL	\$104,225	\$41,250	\$5,500	\$27,500	\$0	\$178,475

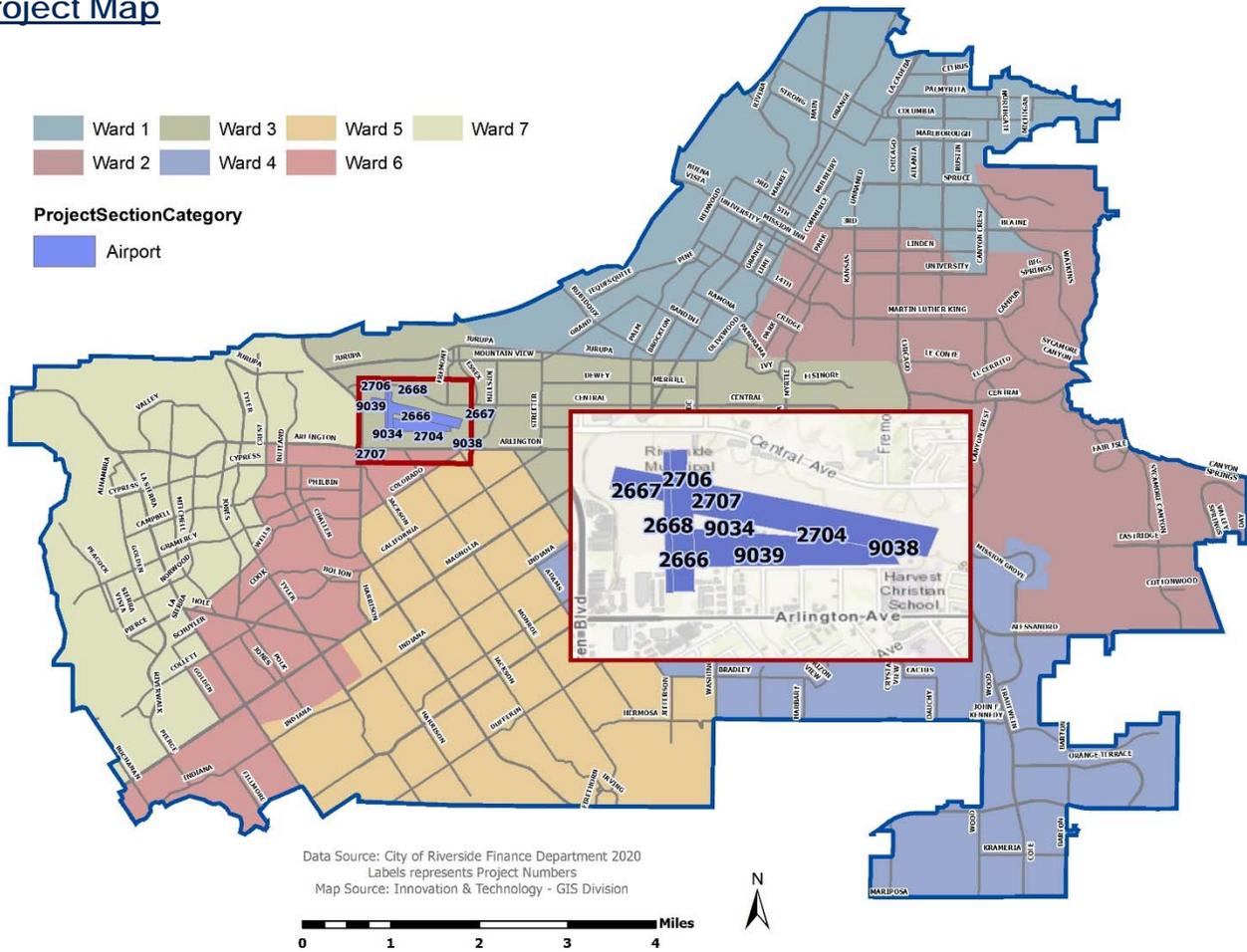
Top Unfunded Projects

Airport identified four capital projects without a funding source.

Project Name	Estimated Project Cost	Unfunded Amount
1. Airport Facilities Terminal Patio Deck	\$150,000	\$16,726
2. Upgrade Terminal Restrooms ADA	66,600	66,600
3. Airport - Taxiway J Rehab	1,665,000	1,582,500
4. Airport Runway 16/34 Rehabilitation	795,000	751,275
TOTAL	\$2,676,600	\$2,417,101

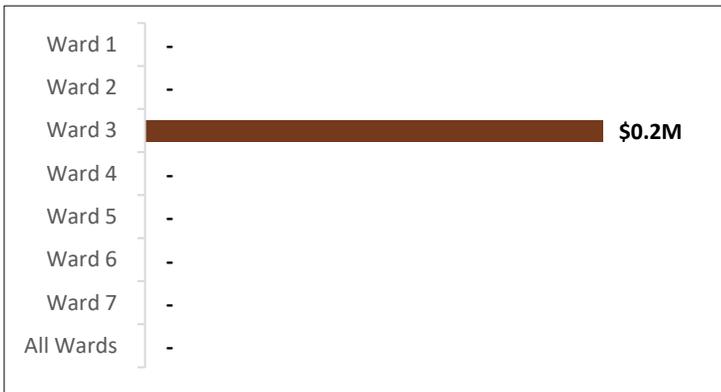
Project Category Overview: Airport

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$-
Ward 2	-
Ward 3	178,475
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	-
Total	\$178,475

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT RUNWAY 16/34 REHABILITATION

PROJECT NUMBER 2666 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

Rehabilitation of Runway 16/34 will consist of improving existing infrastructure through repairing cracks in pavement, re-paving, and painting the entire 2,850 feet x 50 feet runway located on the North-west side of the airport. Runway 16/34 runs North to South and allows aircraft to land during crosswinds. The runway has not been repaired or modified since the initial construction. City fund portion to be funded by Airport Fund Balance.

PROJECT STATUS

The design phase will occur in FY 2021/22 and the construction phase will occur in FY 2022/23. Remaining project funds will be obtained through FAA and State grants and will be appropriated toward the project when grants are awarded. Both FAA and State design grants are anticipated to be awarded in FY 2021/22 and construction grants anticipated to be awarded in FY 2022/23.

OPERATING BUDGET IMPACT

Following rehabilitation, there will be no significant expenditures from Runway 16/34 aside from general weed abatement, professional services associated with re-paint of runway striping, and annual safety light maintenance, all of which are currently budgeted to maintain the existing runway.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$795,000	\$0	\$43,725	\$751,275

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
530	Airport Fund	\$2,475	\$41,250	-	-	-	\$43,725
TOTAL		\$2,475	\$41,250	\$0	\$0	\$0	\$43,725



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT - TAXIWAY A REHABILITATION

PROJECT NUMBER 2667 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

Taxiway A was reconstructed in 2007 and runs parallel to Runway 9/27 located on the north side of the airport and is the main taxiway used for airport operations. Years of weathering and sub-base failure have impacted the surface of the 5,401 feet taxiway and have a direct impact on airport operations. Additionally, Taxiway A provides access to Runway 9/27 and tenant hangars located on the east side of the airport. Without access to Runway 9/27 large planes and jets would not have the ability to take off and land at Riverside Municipal Airport impacting the Airport's performance and Federal funding.

PROJECT STATUS

Design phase for the Taxiway A Rehabilitation will take place in FY 2020/21 and construction phase in FY 2022/23. Remaining project funds will be obtained through FAA and State grants and will be appropriated when the grants are awarded. Both FAA and State design grants are anticipated to be awarded in FY 2020/21 and construction grants anticipated to be awarded in FY 2022/23.

OPERATING BUDGET IMPACT

Following rehabilitation, there will be no significant fiscal impact from Taxiway A aside from general weed abatement and professional services associated with re-paint of taxiway striping, and annual safety-light maintenance, both of which are currently budgeted to maintain the existing runway.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$620,000	\$20,000	\$600,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
530	Airport Fund	-	-	\$5,500	\$27,500	-	\$33,000
Grant*	Federal Capital Grants	-	-	90,000	450,000	-	540,000
Grant*	State Capital Grants	-	-	4,500	22,500	-	27,000
TOTAL		\$0	\$0	\$100,000	\$500,000	\$0	\$600,000

*Appropriation of funds contingent on grant award. For planning purposes only. Not included in in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT - TAXIWAY J REHABILITATION

PROJECT NUMBER 2668 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

Taxiway J was developed in 1987 and runs parallel to Runway 16/34 allowing planes to land during Santa Ana crosswinds on the southwest side of the airport. Major construction to Taxiway J was completed in 2004 with the extension of the taxiway. Years of weathering and sub-base failure have impacted the taxiway which is cracked and damaged. In addition to providing access to Runway 16/34, Taxiway J provides access to tenant hangars located on the north side of the airport. City fund portion to be funded by Airport Fund Balance.

PROJECT STATUS

Design phase will occur in FY 2018/19 and construction phase will occur in FY 2020/21. Remaining project funds will be obtained through FAA and State grants and will be appropriated toward the project when grants are awarded. Anticipated FAA and State design grants awarded in FY 2018/19 with construction in FY 2020/21. FAA determined project is not eligible for federal funding. Project has been removed from Capital Improvement schedule.

OPERATING BUDGET IMPACT

Following rehabilitation there will be no significant fiscal impact from Taxiway J aside from general weed abatement, professional services associated with re-paint of taxiway striping, and annual safety-light maintenance, all of which are currently budgeted to maintain the existing runway.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$1,665,000	\$0	\$82,500	\$1,582,500

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
530	Airport Fund	\$82,500	-	-	-	-	\$82,500
TOTAL		\$82,500	\$0	\$0	\$0	\$0	\$82,500



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT EMERGENCY GENERATOR

PROJECT NUMBER 2704 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

Riverside Municipal Airport is not currently equipped with an emergency generator. In the event the City power source is interrupted airfield lighting would be impacted. A propane generator will be installed on a concrete pad adjacent to the north side of the lighting vault and enclosed by an 8-foot chain-link fence.

PROJECT STATUS

Design phase for the Airport Emergency Generator will take place in FY 2020/21 and will include the use of an on-call consultant to identify power needs and generator specifications.

OPERATING BUDGET IMPACT

Following the installation of the Airport emergency generator, there will be no significant fiscal impact outside of annual equipment maintenance which is currently absorbed in the Airport operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$316,500	\$300,000	\$16,500	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
530	Airport Fund	\$16,500	-	-	-	-	\$16,500
TOTAL		\$16,500	\$0	\$0	\$0	\$0	\$16,500



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT RUNWAY 34 WINDSOCK RELOCATION

PROJECT NUMBER 2706 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

An unlighted wind cone is located just east of Runway 16 and within the Runway Object Free Area (ROFA), which does not comply with FAA guidance set forth in AC 150/5300-13A, Airport Design. Paragraph 309 of the AC states that the ROFA clearing standard requires “clearing the ROFA of above-ground objects protruding above the nearest point of the RSA”. The windsock will be relocated approximately 50 feet farther east and outside of the ROFA.

PROJECT STATUS

Design consultant work began in April 2020 and a Request for Bid for construction services (Bid No. 7762) posted on May 28, 2020. Award of Bid for a Construction Agreement for the selected vendor is scheduled for the August 18, 2020, City Council Meeting. Construction project estimated to begin in September 2020.

OPERATING BUDGET IMPACT

Following the installation of the relocated windsock, there will be no significant fiscal impact outside of annual equipment maintenance which is currently absorbed in the Airport operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$21,100	\$20,000	\$1,100	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
530	Airport Fund	\$1,100	-	-	-	-	\$1,100
TOTAL		\$1,100	\$0	\$0	\$0	\$0	\$1,100



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT AIRFIELD SIGNAGE

PROJECT NUMBER 2707 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

Riverside Municipal Airport is equipped with both Siemens and Lumacurve airfield signs. Extensive sun exposure has resulted in the fading of several taxiway and runway signs impacting airfield safety. The Airfield Signage Replacement project will include replacing faded signs and replacing airfield lighting with LED technology.

PROJECT STATUS

Design phase for the Airfield Signage Replacement will take place in FY 2020/21 and will include the use of an on-call consultant to identify power needs, FAA airfield requirements, and equipment specifications.

OPERATING BUDGET IMPACT

Following the installation of the airfield signage, there will be no significant fiscal impact outside of annual equipment maintenance which is currently absorbed in the Airport operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$31,650	Prior Years Funding \$30,000	Five Year Plan \$1,650	REMAINING NEEDED \$0
---------------------------------------	--	----------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
530	Airport Fund	\$1,650	-	-	-	-	\$1,650
TOTAL		\$1,650	\$0	\$0	\$0	\$0	\$1,650



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT FACILITIES TERMINAL PATIO DECK

PROJECT NUMBER 9034 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

The Airport terminal building was originally built in 1968 and featured a patio deck that allowed patrons to view runway operations. The patio deck serves as an entrance/exit to the terminal building second floor and viewing area for guests with limited mobility. Major repairs to the deck were made in 1998 and minor repairs have been made over the past five years including the removal of the eastern staircase and rehabilitation of the western staircase. Years of sun exposure, termite damage, and aging of the structure has resulted in an unusable deck. The current structure requires a seismic study and design plan to reconstruct the patio deck.

PROJECT STATUS

The project is currently on hold due to COVID-19.

OPERATING BUDGET IMPACT

Minor ongoing maintenance will be required including professional services associated with painting of structure, both of which are currently budgeted to maintain the existing deck.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$150,000	\$133,274	\$0	\$16,726

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



APRON ASPHALT PROJECT PHASE I

PROJECT NUMBER 9038 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

The Apron Asphalt Project will consist of project phases. Phase One will include the Upper Port-A-Port apron which is located on the northeast side of the Air Traffic Control tower. The approximate 160,060 square feet apron was originally constructed in 1984 to accommodate a multi-unit ground lease housing 17 privately owned hangars and 24 tie-down spaces. Years of weathering and sub-base failure have impacted the apron which is cracked and damaged. City fund portion to be funded by Airport Fund Balance.

PROJECT STATUS

Construction is scheduled to be completed with final invoicing and payments taking place in FY 2020/21.

OPERATING BUDGET IMPACT

Following project completion, there will be no significant fiscal impact to maintain the asphalt.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$100,000	\$100,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AIRPORT CAMERA SYSTEM

PROJECT NUMBER 9039 **COUNCIL WARD** 3
PROJECT CATEGORY Airport
PROJECT LOCATION Riverside Municipal Airport, 6951 Flight Road

PROJECT DESCRIPTION

The Airport Camera System Project will consist of procurement and installation of 19 fixed cameras at various locations throughout Riverside Municipal Airport. The cameras will aid with maintaining security at the airport in key locations including access gates, airport apron, and designated airport facilities. The objective of the Airport Camera System project is to update the existing camera system to current industry standards in alignment with the City's existing camera operating system and data firewall.

PROJECT STATUS

Project completed; final project closeout is in process.

OPERATING BUDGET IMPACT

Impact to the operating budget would consist of an annual licensing fee estimated at \$500.

PROJECT FUNDING OVERVIEW

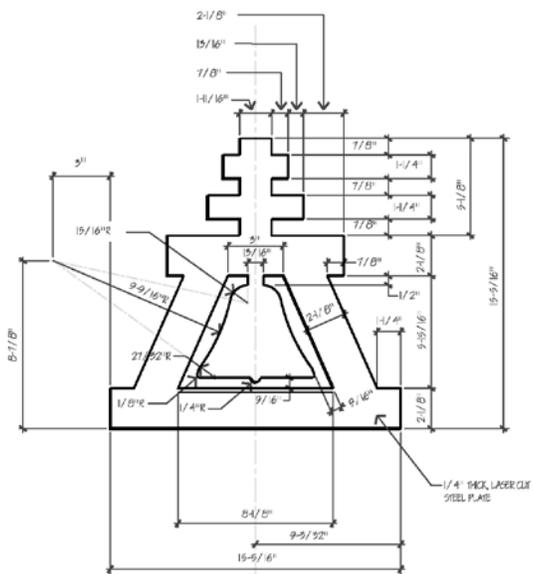
Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$121,880	\$121,880	\$0	\$0

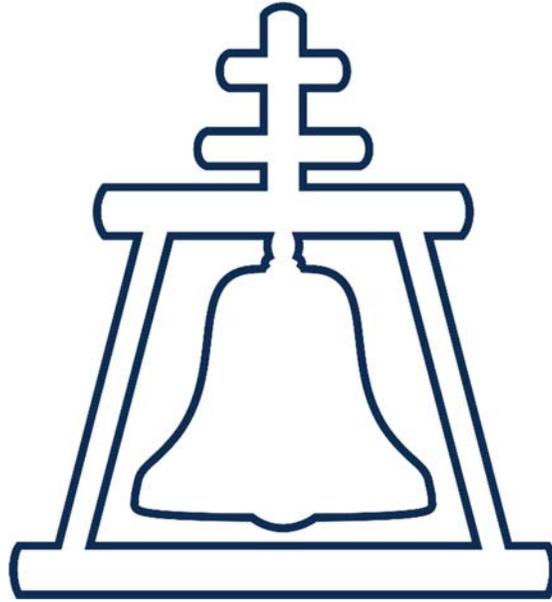
1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



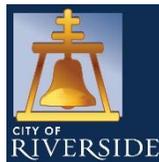
NOTES





CITY OF RIVERSIDE
CAPITAL IMPROVEMENT PROGRAM

ELECTRIC



Project Category Overview: Electric

Introduction

The Electric Public Utilities is responsible for providing electric service to customers with a service area population of approximately 327,000 encompassing 82 square miles.

Electric service is provided to 110,480 metered customers. The Public Utilities Department owns, maintains, and operates 99 circuit miles of transmission lines, 1,351 circuit miles of distribution lines, 14 substations, and nine power generating plants located across three facilities with a total net power output of 258 megawatts.

The Department provides the highest quality, reliable electric utility services for our customers at the lowest rates possible to benefit the community, while maintaining a financially sound utility. Compared to other local utilities, Riverside's rates are lower, reliability is higher, and more funds are returned to the local community in the way of low-income assistance, rebates, and community support. The Department is committed to renewable power, energy conservation, and community education.



One-Year Budget and Five-Year Plan

The five-year Capital Improvement Plan (CIP) for the electric system, totaling \$239,686,302, is required to implement the ten-year electric infrastructure plan, which includes maintaining the most vital infrastructure.

This CIP is supported by the Electric Utility's proposed rate plan and addresses the need to replace and refurbish the most vital portions of Riverside's aging

Project Category Overview: Electric

electric infrastructure from FY 2020/21 through FY 2024/25, including funding to replace substation transformers, various overhead equipment such as poles and wires, and underground cable, conduits, and switches. It also includes funding to implement various technology, security, and system automation tools and applications to improve cyber security and overall efficiency.

Project Types:

Overhead - Projects to rehabilitate and replace overhead equipment, such as poles, wires, transformers, and streetlights to improve safety, efficiency and reliability of the electric system.

Recurring/Obligation to Serve - Recurring projects related to the Electric Utility’s obligation to serve new incoming load requirements.

Substation - Projects related to neighborhood power stations to efficiently distribute power throughout the service area.

System Automation - Technology, security, and system automation tools and applications to improve cyber security and overall efficiency.

Underground - Projects to rehabilitate and replace underground conduits, cables, and related equipment to improve safety, efficiency, and reliability of the electric system.

Key Revenues and Funding Sources

The five-year Electric CIP will be supported by various funding sources. The majority of the CIP (\$194.2 million) will be funded by bond proceeds. Approximately \$32.8 million will be funded from a combination of rates and fund reserves, and \$12.7 million will be funded from contributions in aid of construction.

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
510	Electric Fund	\$41,663,797	\$42,265,364	\$41,761,648	\$56,657,003	\$57,338,490	\$239,686,302
	TOTAL	\$41,663,797	\$42,265,364	\$41,761,648	\$56,657,003	\$57,338,490	\$239,686,302

Project Category Overview: Electric

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Overhead						
General Order 165 (GO 165) Upgrades/Line Rebuilds/Relocate-Overhead	\$3,251,297	\$3,710,554	\$5,060,145	\$5,491,648	\$5,592,151	\$23,105,795
Major 4-12 kV Conversion	2,734,064	2,734,064	2,803,117	4,768,975	5,440,698	\$18,480,918
Neighborhood Street Light Retrofit	-	-	-	1,034,782	1,064,273	\$2,099,055
Total Overhead	\$5,985,361	\$6,444,618	\$7,863,262	\$11,295,405	\$12,097,122	\$43,685,768
Recurring/Obligation to Serve						
Citywide Communications	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,500,000
Major Feeders	600,000	600,000	600,000	600,000	600,000	\$3,000,000
Major Overhead/Underground Conversions	500,000	500,000	500,000	500,000	500,000	\$2,500,000
Major Transmission Line Projects	300,000	300,000	300,000	300,000	300,000	\$1,500,000
Meters	300,000	300,000	300,000	300,000	300,000	\$1,500,000
Services	400,000	400,000	400,000	400,000	400,000	\$2,000,000
Southern California Edison (SCE) Condemnation Costs	400,000	400,000	400,000	400,000	400,000	\$2,000,000
Supervisory Control and Data Acquisition (SCADA)	600,000	600,000	600,000	600,000	600,000	\$3,000,000
Transformers	4,000,000	4,500,000	4,500,000	4,700,000	4,700,000	\$22,400,000
Total Recurring/Obligation to Serve	\$8,400,000	\$8,900,000	\$8,900,000	\$9,100,000	\$9,100,000	\$44,400,000
Substation						
Substation Bus & Upgrades	\$6,176,366	\$6,258,312	\$1,910,730	\$6,038,450	\$2,137,465	\$22,521,323
Substation Transformer Addition	3,369,075	3,369,075	3,678,851	6,572,868	8,720,116	\$25,709,985
System Substation Modifications	201,414	201,414	223,259	357,547	447,771	\$1,431,405
Total Substation	\$9,746,855	\$9,828,801	\$5,812,840	\$12,968,865	\$11,305,352	\$49,662,713
System Automation						
Advanced Distribution Manage System	\$501,297	\$786,036	\$965,864	\$993,391	\$1,021,703	\$4,268,291
Advanced Metering Infrastructure	2,573,624	1,265,943	-	1,217,391	1,252,087	\$6,309,045
Business System Technology Upgrades	1,600,326	965,636	946,925	-	-	\$3,512,887
Distribution Line Extensions	340,000	685,000	885,000	685,000	685,000	\$3,280,000
Distribution Automation	503,535	517,886	-	-	-	\$1,021,421
Enterprise Operation Data Management System	-	-	-	-	1,001,669	\$1,001,669
Land Mobile Radio	0	344,106	353,913	364,000	374,374	\$1,436,393
Major Street Light Projects	600,000	600,000	600,000	600,000	600,000	\$3,000,000
Network Communication System	1,706,424	0	236,731	608,695	0	\$2,551,850
Operational Technology Governance	895,173	1,150,857	1,183,657	1,217,391	1,252,087	\$5,699,165
Outage Management System	889,021	994,812	1,377,776	443,130	455,760	\$4,160,499
Substation Bus & Upgrades	144,347	471,851	662,848	681,739	701,168	\$2,661,953
Work, Asset, & Inventory Management System	671,380	2,071,543	2,367,313	852,174	626,043	\$6,588,453
Total Automation	\$10,425,127	\$9,853,670	\$9,580,027	\$7,662,911	\$7,662,911	\$45,491,626
Underground						
Cable Replacement	\$3,272,770	\$3,388,424	\$4,652,465	\$8,129,335	\$8,129,335	\$27,572,329
Distribution Line Extensions	2,135,897	2,152,064	2,831,267	2,942,653	3,178,956	\$13,240,837
Line Rebuilds	1,697,787	1,697,787	2,121,787	4,557,834	5,557,834	\$15,633,029
Total Underground	\$7,106,454	\$7,238,275	\$9,605,519	\$15,629,822	\$16,866,125	\$56,446,195
TOTAL	\$41,663,797	\$42,265,364	\$41,761,648	\$56,657,003	\$57,338,490	\$239,686,302

Project Category Overview: Electric

Top Unfunded Projects by Priority

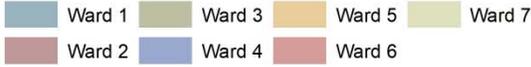
Electric Utility identified seven capital projects without a funding source.

Project Name	Estimated Project Cost	Unfunded Amount
1. RIVERSIDE TRANSMISSION RELIABILITY PROJECT (RTRP)	\$162,756,354	\$60,386,067
2. GIS UPGRADES/INTEGRATIONS, CUSTOMER ENGAGEMENT PORTAL & OTHER SYSTEM AUTOMATION	4,015,000	4,015,000
3. DISTRIBUTION TRANSFORMER LOAD MANAGEMENT SYSTEM	1,000,000	1,000,000
4. NEW HUNTER SUBSTATION	28,000,000	28,000,000
5. ADVANCED METERING INFRASTRUCTURE	27,663,930	12,267,025
6. CABLE REPLACEMENT - ARLINGTON AND ARLANZA	12,000,000	12,000,000
7. REMOTE MONITORING OF SUBSTATION TRANSFORMERS AND 69KV EQUIPMENT	8,000,000	8,000,000
TOTAL	\$243,435,284	\$125,668,092

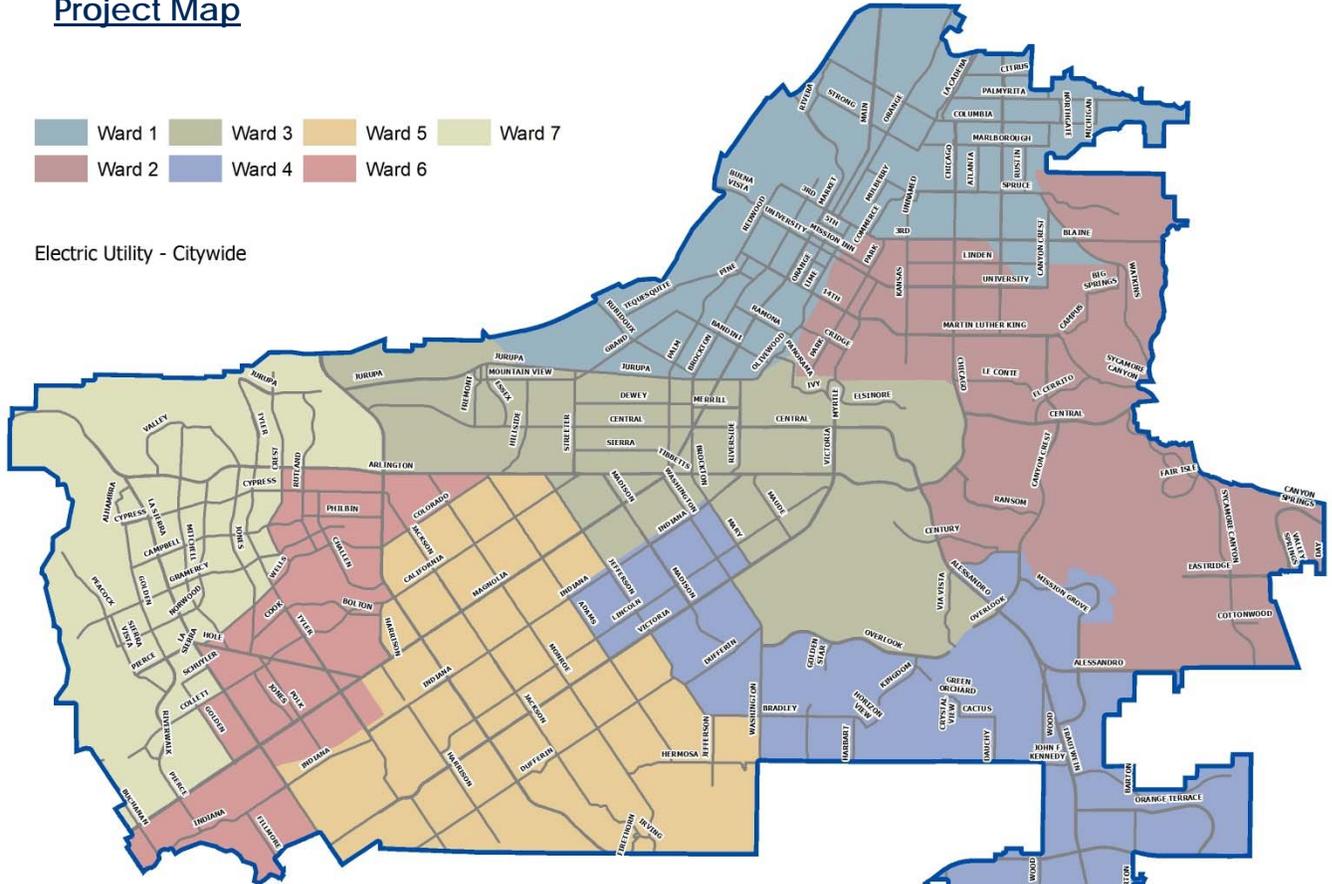


Project Category Overview: Electric

Project Map



Electric Utility - Citywide

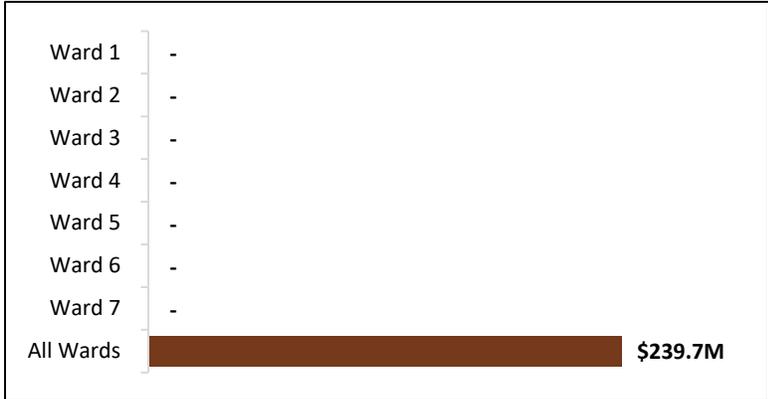


Data Source: City of Riverside Finance Department 2020
 Labels represents Project Numbers
 Map Source: Innovation & Technology - GIS Division



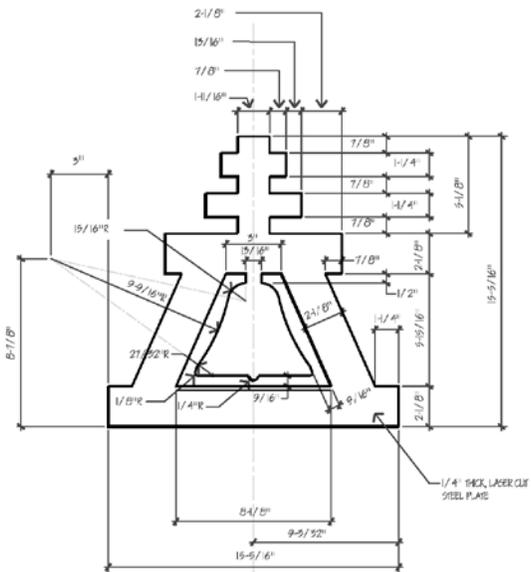
Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$-
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	\$239,686,302
Total	\$239,686,302

NOTES



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DISTRIBUTION LINE EXTENSIONS

PROJECT NUMBER 470601E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Installation and extension of primary overhead and underground distribution lines to serve new residential, commercial, and industrial customers, as well as existing customer upgrades. Installation and extension of primary overhead and underground distribution lines to serve new Electric Vehicle (EV) charging stations. Design of line extensions complements existing facilities and considers overall area electrical load requirements.

PROJECT STATUS

Ongoing installation of new primary distribution lines, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$73,103,736	Five Year Plan \$13,240,837	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$2,135,897	\$2,152,064	\$2,831,267	\$2,942,653	\$3,178,956	\$13,240,837
TOTAL		\$2,135,897	\$2,152,064	\$2,831,267	\$2,942,653	\$3,178,956	\$13,240,837

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LINE REBUILDS

PROJECT NUMBER 470603E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Replacement for end-of-life distribution line equipment and reconfiguration of overhead and underground distribution lines. Includes replacement of older oil-filled underground switches. Projects reduce hazardous materials, add system flexibility, and support electric reliability goals.

PROJECT STATUS

Ongoing replacement of primary distribution lines, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$33,895,624	Five Year Plan \$15,633,029	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$1,697,787	\$1,697,787	\$2,121,787	\$4,557,834	\$5,557,837	\$15,633,029
TOTAL		\$1,697,787	\$1,697,787	\$2,121,787	\$4,557,834	\$5,557,837	\$15,633,029

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



STREET LIGHTING

PROJECT NUMBER 470607E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Installation of equipment for minor system needs. This project does not include major street light projects. Design complements existing facilities and considers overall area lighting needs and current design standards.

PROJECT STATUS

Ongoing installation of minor streetlight needs, which contributes to fulfilling our obligation to meet lighting standards and contribute to safe environments within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$6,202,509	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SYSTEM SUBSTATION MODIFICATIONS

PROJECT NUMBER 470608E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Projects include modifications, replacements, and improvements of substation equipment and protection devices for minor system needs. This project does not include major substation modifications or projects. Design of substation components complements existing facilities and improves overall system operation.

PROJECT STATUS

Ongoing replacement and minor modifications to substation equipment, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$3,279,036	Five Year Plan \$1,431,405	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$201,414	\$201,414	\$223,259	\$357,547	\$447,771	\$1,431,405
TOTAL		\$201,414	\$201,414	\$223,259	\$357,547	\$447,771	\$1,431,405

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TRANSFORMERS

PROJECT NUMBER 470611E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Enables the purchase of transformers for new residential, commercial, and industrial services as well as customer load additions. Also, includes the purchase and installation of transformers to replace existing transformers found to be inoperable or damaged. Analysis of overall area load requirements is considered prior to upgrading or replacing transformers.

PROJECT STATUS

Ongoing purchase of distribution transformers, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$41,263,561	Five Year Plan \$22,400,000	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$4,000,000	\$4,500,000	\$4,500,000	\$4,700,000	\$4,700,000	\$22,400,000
TOTAL		\$4,000,000	\$4,500,000	\$4,500,000	\$4,700,000	\$4,700,000	\$22,400,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CAPACITORS-REGULATORS

PROJECT NUMBER 470612E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Includes the purchase and installation of new capacitors and regulator devices to maintain electric power quality to Riverside customers. Locations are prioritized based on a comprehensive analysis of power quality modeling and system parameters. The design of these equipment installations complements existing facilities and considers overall area electrical requirements.

PROJECT STATUS

Ongoing purchase and installation of distribution system capacitors and regulators, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

No impact for ongoing projects.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$509,191	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



METERS

PROJECT NUMBER 470613E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Includes the purchase and installation of meter equipment for new residential, commercial, and industrial services. This project also includes the purchase and installation of meters to replace existing meters that are inoperable or damaged. Meters are upgraded to current standards when serviced.

PROJECT STATUS

Ongoing purchase and installation of meter equipment, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$8,379,848	Five Year Plan \$1,500,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
TOTAL		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

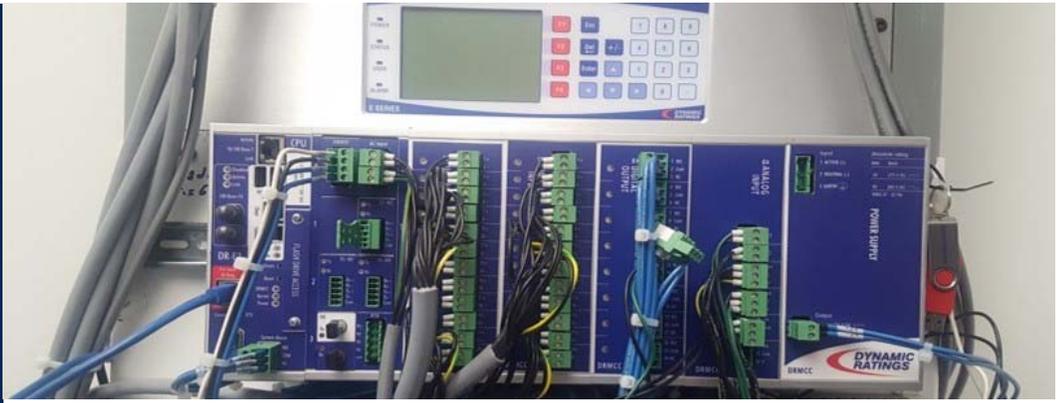


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SUBSTATION INNOVATION

PROJECT NUMBER 470614E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Advanced substation protection and control devices, enhanced communication and monitoring systems, autonomous equipment operation, and secure remote access and control.

PROJECT STATUS

Ongoing purchase and installation of equipment for substation protection, control and communication devices which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

No impact for ongoing projects.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$13,473	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	--	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SERVICES

PROJECT NUMBER 470615E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Installation of new services to residential, commercial, and industrial customers. Also includes upgraded services to existing customers with increased electrical requirements. Service designs complement existing facilities and considers overall area electrical load requirements.

PROJECT STATUS

Ongoing purchase of electric service equipment, which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$9,794,201	Five Year Plan \$2,000,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
TOTAL		\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SUBSTATION BUS & UPGRADES

PROJECT NUMBER 470616E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Replaces aging equipment and installs additional equipment necessary to improve the operability and safety of these neighborhood power centers (Substations). This includes system protection, monitoring, automation systems for energized electrical components, perimeter walls, property improvements, the addition of new substations, and expansion of existing substations.

PROJECT STATUS

Ongoing replacement and addition of major substation equipment prioritized based upon system load growth as well as age and obsolescence of existing equipment.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$62,999,774	Five Year Plan \$22,521,323	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$6,176,366	\$6,258,312	\$1,910,730	\$6,038,450	\$2,137,465	\$22,521,323
TOTAL		\$6,176,366	\$6,258,312	\$1,910,730	\$6,038,450	\$2,137,465	\$22,521,323

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR OVERHEAD/UNDERGROUND CONVERSIONS

PROJECT NUMBER 470619E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

These potential conversions optimize opportunities to place various overhead facilities underground on a limited basis as a part of other projects. Electric facilities are evaluated for improvements to capacity, configuration, and integration with surround facilities during design.

PROJECT STATUS

Ongoing relocation and upgrade of facilities driven by Public Works street projects which contribute to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$33,778,387	Five Year Plan \$2,500,000	REMAINING NEEDED Ongoing
--------------------------------------	--	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
TOTAL		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR TRANSMISSION LINE PROJECTS

PROJECT NUMBER 470620E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Modifications and relocations of 69kV transmission lines associated with substation power transformer additions. Transmission facilities are evaluated for improvements and system efficiencies during the design of all projects. Parallel facilities on the same route are also considered for improvement to reduce the life cycle cost.

PROJECT STATUS

Ongoing relocation and upgrade of transmission line facilities driven by substation power transformer additions that contribute to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$1,930,671	Five Year Plan \$1,500,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
TOTAL		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GENERAL ORDER 165 (GO 165) UPGRADES/LINE REBUILDS/RELOCATION-OVERHEAD

PROJECT NUMBER 470623E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Rehabilitation or replacement of overhead equipment identified as a result of routine facility inspections. Includes pole replacement and infrastructure rehabilitation/replacement. Priorities are established based on condition assessments and relative impact on customers and the system.

PROJECT STATUS

Ongoing replacement and upgrade of overhead facilities prioritized based upon intrusive inspection.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$16,621,879	Five Year Plan \$23,105,795	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$3,251,297	\$3,710,554	\$5,060,145	\$5,491,648	\$5,592,151	\$23,105,795
TOTAL		\$3,251,297	\$3,710,554	\$5,060,145	\$5,491,648	\$5,592,151	\$23,105,795

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GO 165 UPGRADES/LINE REBUILDS/RELOCATE-UNDERGROUND

PROJECT NUMBER 470624E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Rehabilitation or replacement of underground equipment identified as a result of routine facility inspections. Includes infrastructure rehabilitation/replacement. Priorities are established based on condition assessment and relative impact on customers and the system.

PROJECT STATUS

Ongoing replacement and upgrade of underground facilities prioritized based upon intrusive inspection.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$871,241	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR TRACT DISTRIBUTION

PROJECT NUMBER 470626E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Construct electric distribution feeders within new residential and commercial tract developments. Additions are designed to supply new customers. These extensions are designed to complement existing facilities and improve overall system operation.

PROJECT STATUS

Ongoing installation of new primary distribution lines within major tract developments which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$16,860,561	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	--	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SUBSTATION TRANSFORMER ADDITION

PROJECT NUMBER 470632E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Install new substation power transformers and associated equipment to support upgrades necessitated by load growth and modernization. This project also includes proactive replacement of the oldest power transformers based on condition rating. The design of transformer additions complements existing facilities and improves overall system operation.

PROJECT STATUS

Ongoing replacement and addition of substation transformers prioritized based upon system load growth as well as age and obsolescence of existing equipment.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$58,950,880	Five Year Plan \$25,709,985	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$3,369,075	\$3,369,075	\$3,678,851	\$6,572,868	\$8,720,116	\$25,709,985
TOTAL		\$3,369,075	\$3,369,075	\$3,678,851	\$6,572,868	\$8,720,116	\$25,709,985

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR FEEDERS

PROJECT NUMBER 470633E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Constructs major overhead and underground feeders for electric capacity in various locations. Projects are associated with substation transformer additions and extensions to areas of major load increases. Designs complement existing facilities and improve overall system operations.

PROJECT STATUS

Ongoing installation of new primary feeder lines which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$25,677,238	Five Year Plan \$3,000,000	REMAINING NEEDED Ongoing
--------------------------------------	--	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
TOTAL		\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SOUTHERN CALIFORNIA EDISON (SCE) CONDEMNATION COSTS

PROJECT NUMBER 470634E **COUNCIL WARD** 1, 2, 4, 5, 6
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Friendly condemnation of existing SCE facilities in areas previously annexed to the City limits. This project includes acquisition of existing electric facilities, easements, and associated legal costs.

PROJECT STATUS

Ongoing costs to purchase electric facilities and easement rights in annexed areas of the city formerly served by SCE.

OPERATING BUDGET IMPACT

No impact for ongoing projects.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$511,980	Five Year Plan \$2,000,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
TOTAL		\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CABLE REPLACEMENT

PROJECT NUMBER 470635E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION
 Replaces aging electric distribution cable with high potential for failure.

PROJECT STATUS
 Ongoing replacement of underground cable prioritized based upon outage analysis as well as age and obsolescence of existing equipment.

OPERATING BUDGET IMPACT
 Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$22,272,074	Five Year Plan \$27,572,329	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$3,272,770	\$3,388,424	\$4,652,465	\$8,129,335	\$8,129,335	\$27,572,329
TOTAL		\$3,272,770	\$3,388,424	\$4,652,465	\$8,129,335	\$8,129,335	\$27,572,329

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CABLE REPLACEMENT - PUBLIC WORKS STREET REHAB

PROJECT NUMBER 470636E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Replaces aging electric distribution cable with high potential for failure in coordination with Public Works Street rehabilitation areas.

PROJECT STATUS

Ongoing replacement of underground cable prioritized based upon schedules of Public Works street projects.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$9,154	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR STREET LIGHT PROJECTS

PROJECT NUMBER 470637E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Relocates and optimizes streetlights for road widening projects and as a part of other projects. Project priorities are primarily driven by Public Works schedules. Also includes citywide LED streetlight retrofit.

PROJECT STATUS

Ongoing relocation and upgrade of streetlight facilities primarily driven by Public Works street projects which contribute to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$26,240,539	Five Year Plan \$3,000,000	REMAINING NEEDED Ongoing
--------------------------------------	--	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
TOTAL		\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



NEIGHBORHOOD STREET LIGHT RETROFIT

PROJECT NUMBER 470638E **COUNCIL WARD** 1, 2, 3
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Installation of new concrete street light standards, light fixtures, and power feeds in the greater Wood Streets area. Standards and fixtures are replicas of the 90-year-old historical street light system. New fixtures are light-emitting diode (LED) lights for energy efficiency.

PROJECT STATUS

Ongoing installation and modernization of street light facilities in designated areas.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$4,547,127	Five Year Plan \$2,099,055	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	-	-	-	\$1,034,782	\$1,064,273	\$2,099,055
TOTAL		\$0	\$0	\$0	\$1,034,782	\$1,064,273	\$2,099,055

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR 4-12 KV CONVERSION

PROJECT NUMBER 470644E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Upgrades aging and obsolete lower voltage electric distribution facilities (4kV) to higher distribution voltage (12kV). Projects are in the Magnolia and Plaza service areas. Projects are optimized to improve system capacity, and efficiency.

PROJECT STATUS

Ongoing replacement of 4kV distribution facilities prioritized based upon outage analysis as well as age and obsolescence of existing equipment.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$32,044,142	Five Year Plan \$18,480,918	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$2,734,064	\$2,734,064	\$2,803,117	\$4,768,975	\$5,440,698	\$18,480,918
TOTAL		\$2,734,064	\$2,734,064	\$2,803,117	\$4,768,975	\$5,440,698	\$18,480,918

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DISTRIBUTION AUTOMATION

PROJECT NUMBER 470655E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Provides for the design and installation of remote sensing devices and remotely controlled equipment on the Riverside electric grid. This new technology equipment remotely monitors the electric network and reports information immediately to the electric control center. Remotely controlled equipment reduces personnel costs and improves response times to system disturbances.

PROJECT STATUS

Ongoing purchase and installation of equipment for remote monitoring of the electric distribution system which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$1,807,231	Five Year Plan \$3,280,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$340,000	\$685,000	\$885,000	\$685,000	\$685,000	\$3,280,000
TOTAL		\$340,000	\$685,000	\$885,000	\$685,000	\$685,000	\$3,280,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CITYWIDE COMMUNICATIONS

PROJECT NUMBER 470664E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Provides for design and installation of fiber optic extensions between electric facilities and fiber network service points. Individual projects include additions that complement existing facilities and improve overall fiber optic system operation. Also, includes cyber-security upgrades of network equipment.

PROJECT STATUS

Ongoing installation and upgrade of communication equipment which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$23,858,590	Five Year Plan \$6,500,000	REMAINING NEEDED Ongoing
--------------------------------------	--	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,500,000
TOTAL		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,500,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

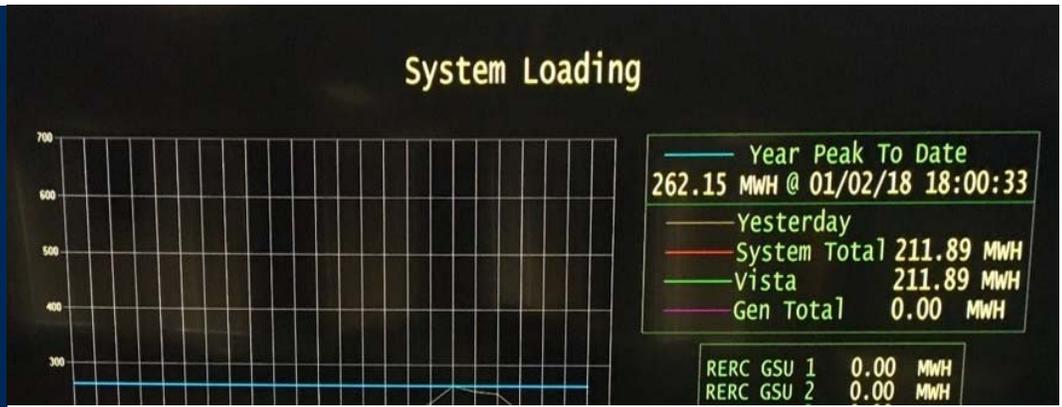


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

PROJECT NUMBER 470672E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Provides for the necessary upgrades to the electronic system which monitors and controls the operation of the electric transmission and distribution grid 24 hours a day, 365 days a year. This includes physical security upgrades required for regulatory compliance as part of system improvements, as well as hardware and network upgrades as part of advanced technology improvements.

PROJECT STATUS

Ongoing installation and upgrade of SCADA monitoring and control equipment and technology which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$9,146,577	Five Year Plan \$3,000,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
TOTAL		\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



RIVERSIDE TRANSMISSION RELIABILITY PROJECT (RTRP)

PROJECT NUMBER 470685E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

RTRP is a joint project with SCE to address the electrical capacity and reliability needs of the City. As part of RTRP, there was a smaller Sub-Transmission Project (STP) that was completed in 2014.

PROJECT STATUS

Construction of Riverside Energy Resource Center (RECR)-Harvey Lynn drilled pier foundations is complete and Bid for Overhead line work is posted. Design of RERC-Freeman 69kV line is in progress; construction is expected to begin in mid-2021. On March 12th, 2020, California Public Utilities Commission (CPUC) approved SCE's application for a Certificate of Public Convenience and Necessity (CPCN) for a 230kV interconnection (Riverside's second connection to the State grid). Project activities related to the new 230kV interconnection have started.

OPERATING BUDGET IMPACT

Operating budget impacts will be quantified and presented to the Board of Public Utilities and City Council in Fall 2020.

PROJECT FUNDING OVERVIEW

Total Project Cost 162,756,354	Prior Years Funding * \$104,240,831	Five Year Plan \$0	REMAINING NEEDED \$58,515,523
--	---	------------------------------	---

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

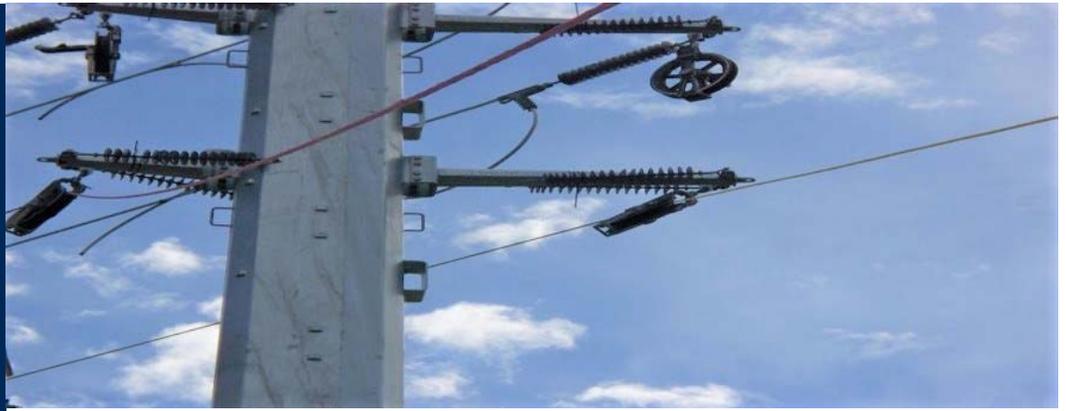


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



RTRP – 230kV REIMBURSABLE

PROJECT NUMBER 470686E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

RTRP is a joint project with SCE to address the electrical capacity and reliability needs of the City. Some portion of RTRP licensing costs may be subject to reimbursement by SCE.

PROJECT STATUS

The Certificate of Public Convenience and Necessity (CPCN) approval and California Environmental Quality Act (CEQA) process for RTRP is complete. SCE has reimbursed the Electric Fund for project costs related to CPCN and CEQA. SCE will be reimbursing costs of very few outstanding items in near future and at that point, this project will be closed with all remaining funds be transferred to the 470685 RTRP Non-Reimbursable accounts to support other components of RTRP project.

OPERATING BUDGET IMPACT

Not identifiable for ongoing projects.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$22,243,646	\$22,243,646	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CUSTOMER INFORMATION SYSTEM (CIS) UPGRADE

PROJECT NUMBER 470694E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Customer Information System is a highly integrated enterprise software application that is integrated with other applications and serves as the single source of the department customer data. This project will upgrade enQuesta and operating systems connected to enQuesta – WebConnect and CGI-PragmaCAD.

PROJECT STATUS

Project scope under development; the upgrade is expected to be completed by June 30, 2023.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs which are minimal.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$20,623,980	\$17,111,093	\$3,512,887	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$1,600,326	\$965,636	\$946,925	-	-	\$3,512,887
TOTAL		\$1,600,326	\$965,636	\$946,925	\$0	\$0	\$3,512,887

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

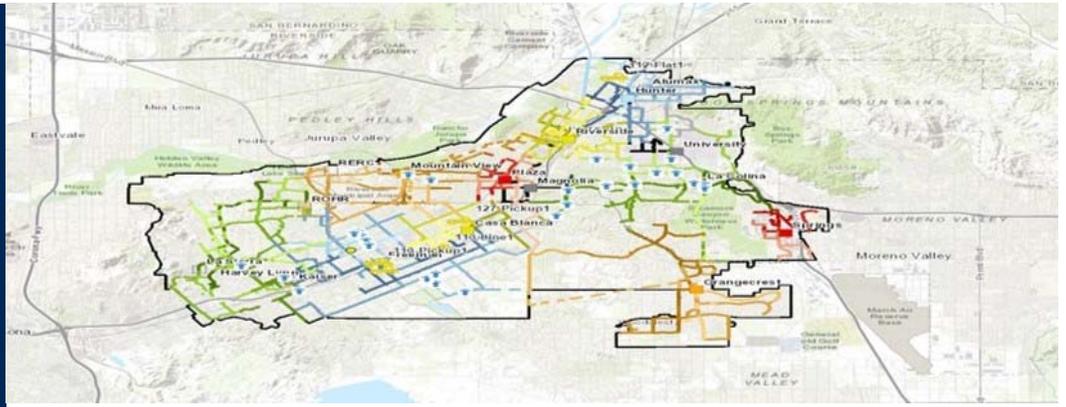


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GEOGRAPHIC INFORMATION SYSTEM (GIS) UPGRADE

PROJECT NUMBER 470696E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Citywide GIS Technology Upgrade Project (Project) will transition the City from CADME to Esri's ArcGIS platform, a modern GIS system that streamlines and automates workflows, enables easy viewing and use of geospatial data, and enhances GIS reporting and analytic capabilities. High-level project objectives include transitioning to ArcGIS (the newly upgraded platform), integrating with existing and new systems and applications, enhancing mapping and analytic capabilities, improving internal and external customer experience, and streamlining day-to-day processes.

PROJECT STATUS

The GIS project is currently 60% complete. All consultants have been selected and the architecture and data migration task orders have been completed. In-process tasks include migrating the editors, building the new GIS browser, and recreating new paper map products.

OPERATING BUDGET IMPACT

No operating budget impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$3,500,000	\$3,135,389	\$1,021,421	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$503,535	\$517,886	-	-	-	\$1,021,421
TOTAL		\$503,535	\$517,886	\$0	\$0	\$0	\$1,021,421

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DARK FIBER

PROJECT NUMBER 470698E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Optical fiber infrastructure for telecommunications companies, wireless operators, enterprise networks, data centers and others with critical, high capacity needs.

PROJECT STATUS

Ongoing project providing optical fiber infrastructure to various customers with critical high capacity needs.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$593,972	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

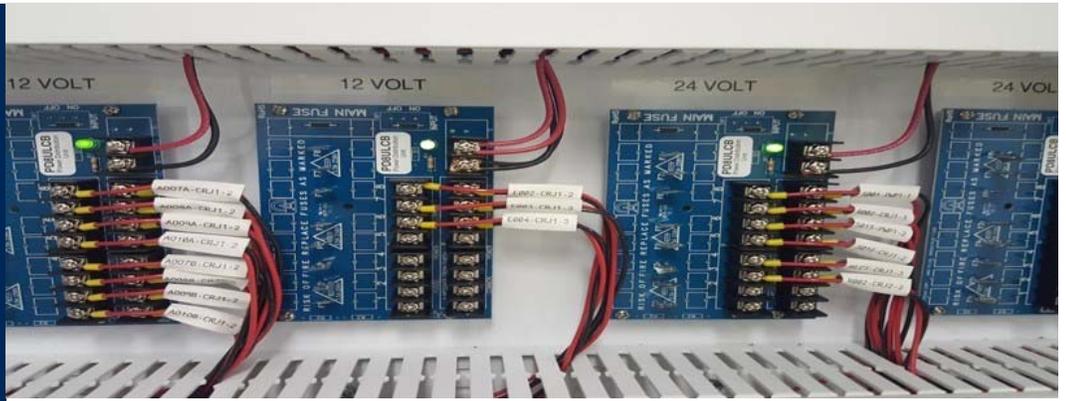


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ENTERPRISE OPERATION DATA MANAGEMENT SYSTEM

PROJECT NUMBER 470822E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Operation Data Management System (ODMS) receives data from electric delivery and generation system instrumentation and data communication, storage, and analysis systems. The data will support advanced monitoring and control systems to improve the operational efficiency and capability of the electric delivery systems.

PROJECT STATUS

Project has been completed. Ongoing end-user training and maintenance will continue to streamline utility operations.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$2,599,126	Five Year Plan \$1,001,669	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	-	-	-	-	\$1,001,669	\$1,001,669
TOTAL		\$0	\$0	\$0	\$0	\$1,001,669	\$1,001,669

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

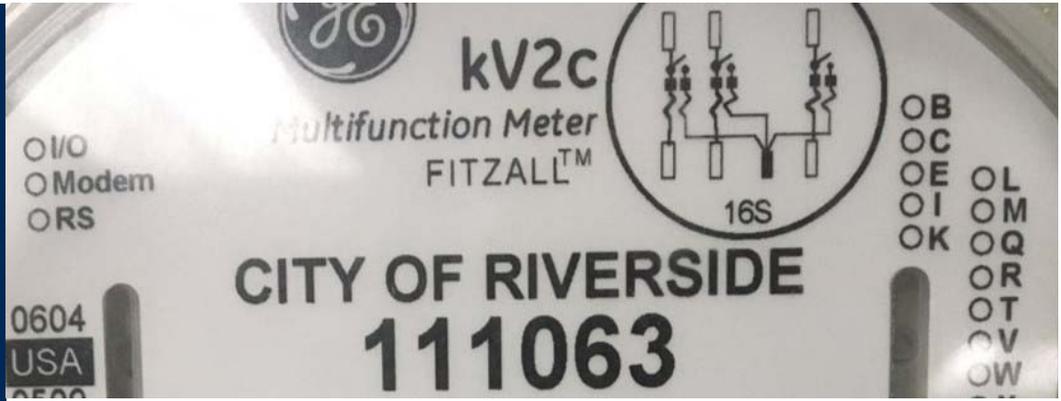


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ADVANCED METERING INFRASTRUCTURE

PROJECT NUMBER 470823E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This system automation project for the Advanced Metering Infrastructure (AMI) and Meter Data Management System will integrate AMI data and support customer facing applications and web integration of the Customer Integration System. The AMI delivers automated meter reading resulting in more efficient consumption management and enhanced customer service.

PROJECT STATUS

The system automation project began in FY 2019/20 and is continuing through CIP five-year plan.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$27,663,930	\$9,087,860	\$6,309,045	\$12,267,025

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$2,573,624	\$1,265,943	-	\$1,217,391	\$1,252,087	\$6,309,045
TOTAL		\$2,573,624	\$1,265,943	\$0	\$1,217,391	\$1,252,087	\$6,309,045

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



OPERATIONAL TECHNOLOGY GOVERNANCE

PROJECT NUMBER 470824E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Operational Technology Governance project includes planning, management, internal controls, and cyber and physical security improvements, as well as planning and implementation of a Security Risk Management Program which includes policies, tools required to monitor irregular activities on the network, and endpoint devices to facilitate proactive response to malicious activities or security-related performance issues.

PROJECT STATUS

Equipment and software solutions for cyber and physical security issues are identified through new biannual assessments.

OPERATING BUDGET IMPACT

The two-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$446,319	Five Year Plan \$4,160,499	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$889,021	\$994,812	\$1,377,776	\$443,130	\$455,760	\$4,160,499
TOTAL		\$889,021	\$994,812	\$1,377,776	\$443,130	\$455,760	\$4,160,499

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WORK, ASSET, & INVENTORY MANAGEMENT SYSTEM

PROJECT NUMBER 470825E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Work, Asset and Inventory Management System (WIS) is important not only for controlling and minimizing stock materials on-hand but for its hand-off of materials through the work management system and assigning the cost of materials to assets in the asset management system. The WIS is an integral part of the workflows and information needed by the Work Management System and Asset Management System. The system supports management of the Utility's field infrastructure assets (e.g. pipes, pumps, valves, connections, etc.) and includes field work orders, asset costs, and utilization.

PROJECT STATUS

Project scope has been defined. Implementation of upgrade-to current work, asset, and inventory system to begin in October 2022.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$7,247,823	659,370	\$6,588,453	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$671,380	\$2,071,543	\$2,367,313	\$852,174	\$626,043	\$6,588,453
TOTAL		\$671,380	\$2,071,543	\$2,367,313	\$852,174	\$626,043	\$6,588,453

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



NETWORK COMMUNICATION SYSTEM

PROJECT NUMBER 470826E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Network Communications Systems Project will upgrade and create redundancies in the communication network to improve the communication backbone and improve system functionality, efficiency, reliability, and cybersecurity.

PROJECT STATUS

Ongoing work continues and the estimated completion window is Spring 2021.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost \$5,705,415	Prior Years Funding * \$6,250	Five Year Plan \$5,699,165	REMAINING NEEDED \$0
--	---	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$895,173	\$1,150,857	\$1,183,657	\$1,217,391	\$1,252,087	\$5,699,165
TOTAL		\$895,173	\$1,150,857	\$1,183,657	\$1,217,391	\$1,252,087	\$5,699,165

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LAND MOBILE RADIO

PROJECT NUMBER 470827E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

A new Land Mobile Radio (LMR) system is being installed and implemented. LMR is a wireless communications system intended for use by terrestrial users in vehicles (mobiles) or on foot (portables). The new system should capitalize on digital technology known as frequency division multiple access (FDMA). The new LMR system will supply new antennas to provide citywide coverage, provide a new dispatcher console, coexist with the current analog LMR system, be based on FDMA technology, support narrow channels, enable trunked modes of operation for both analog and digital modulations, have multiple talk groups, and support private calling. It will also be Advanced Encryption and Data Encryption Standard encrypted and be capable of Over the Air Programming (OTAP).

PROJECT STATUS

Installation and integration of the new system is complete. The project will shift into maintaining the land-mobile radio system Citywide.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$1,436,393	\$0	\$1,436,393	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	-	\$344,106	\$353,913	\$364,000	\$374,374	\$1,436,393
TOTAL		\$0	\$344,106	\$353,913	\$364,000	\$374,374	\$1,436,393

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



OUTAGE MANAGEMENT SYSTEM

PROJECT NUMBER 470829E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Outage Management System (OMS) will provide a technology solution and system that enhances operational efficiency, improves productivity and reliability, and increases customer engagement and satisfaction. This system provides real-time visibility to the system, which will reduce the time it takes dispatches and troubleshooters to locate outages and causes. OMS will integrate with the Advanced Distribution Management System to gain additional efficiencies on the electric system to increase reliability.

PROJECT STATUS

Currently finalizing the project scope and schedule to begin procurement.

OPERATING BUDGET IMPACT

The two-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$2,661,953	\$0	\$2,661,953	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$144,347	\$471,851	\$662,848	\$681,739	\$701,168	\$2,661,953
TOTAL		\$144,347	\$471,851	\$662,848	\$681,739	\$701,168	\$2,661,953

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

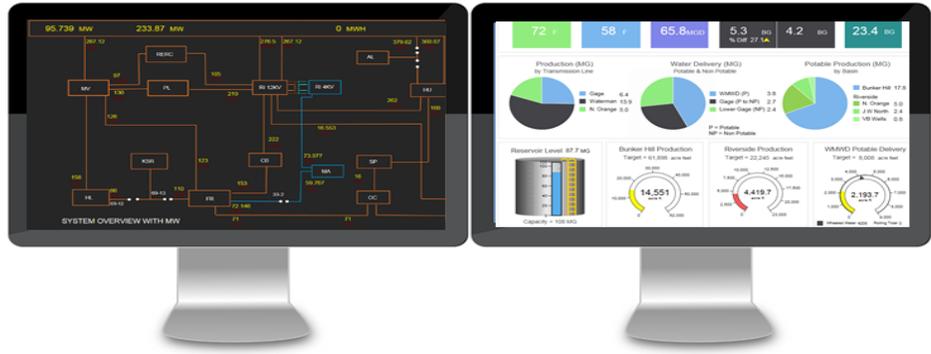


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ADVANCED DISTRIBUTION MANAGEMENT SYSTEM

PROJECT NUMBER 470830E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Advanced Distribution Management System (ADMS) is a set of systems used to optimize the capability, efficiency, reliability, and security of water and electric delivery systems. For electric delivery systems, ADMS features include voltage optimization (i.e., volt-var optimization and conservation voltage regulation/reduction), fault location, isolation, and restoration (FLISR), outage management, and state estimation. ADMS is a long-term vision for Riverside Public Utilities. ADMS and OMS will be integrated together and provides additional visibility and efficiencies to the electric system to increase reliability.

PROJECT STATUS

Currently finalizing the project scope and schedule to begin procurement.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$4,268,291	\$0	\$4,268,291	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$501,297	\$786,036	\$965,864	\$993,391	\$1,021,703	\$4,268,291
TOTAL		\$501,297	\$786,036	\$965,864	\$993,391	\$1,021,703	\$4,268,291

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MOBILE APPLICATIONS

PROJECT NUMBER 470831E **COUNCIL WARD** All Wards
PROJECT CATEGORY Electric Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Mobile Apps increase operational efficiency and safety by providing real-time information to field personnel when and where they need it; ensure system configuration and status is always known by the personnel operating the system; reduce the need for paper-based maps, plans, and work orders; reduce the as-built record-keeping effort, and enable field operation personnel to share real-time information with system operators and engineers.

PROJECT STATUS

Implementation of mobile applications to support work orders and asset management planned in 2022.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

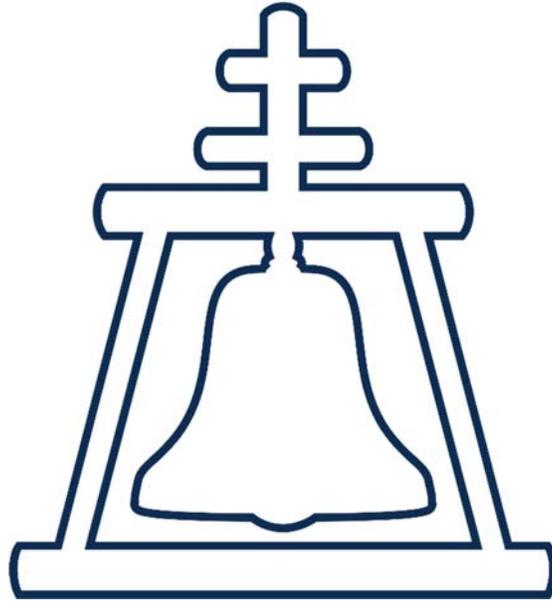
Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$2,551,850	\$0	\$2,551,850	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
510	Electric Fund	\$1,706,424	-	\$236,731	\$608,695	-	\$2,551,850
TOTAL		\$1,706,424	\$0	\$236,731	\$608,695	\$0	\$2,551,850

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

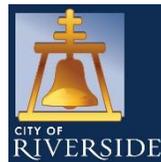




CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

**INNOVATION AND
TECHNOLOGY**



Project Category Overview: Innovation and Technology

Introduction

The Innovation and Technology (IT) Department is responsible for building and maintaining the City's data and telephone communications systems, three data centers, and all major enterprise software applications. Technology is ubiquitously at the core of virtually every service the City of Riverside delivers. It is enabling increased productivity, around the clock operation, faster response times, and improved relationships with residents, businesses, organizations and visitors.

IT capital improvement projects result in major upgrades to these systems. Upgrades can provide new technology which may be more reliable, faster, or address cybersecurity issues; increase capacity as data and computing needs increase exponentially; and/or provide new software functionalities for the public and employees.

One-Year Budget and Five-Year Plan

During the proposed one-year CIP budget and five-year CIP plan, the IT department plans to perform a data network replacement, major upgrade to the City's enterprise work order and asset management system, Voice over Internet Protocol (VoIP) telecommunications upgrade, and major upgrade to the City's enterprise resource management system (financial and human resources system). Innovation and Technology has maintained these hardware and software assets, but several are becoming antiquated or limiting functionality for users. At this time, only the Data Network Replacement project is being funded, albeit partially, using the City's Measure Z one-cent sales tax and funds from benefiting departments. Portions of the project remain unfunded.

Key Revenues and Funding Sources

The City's Measure Z one-cent sales tax is the primary funding source for the Innovation and Technology Department's funded capital improvement projects. Most IT technology improvements have a Citywide benefit, including benefitting all of the non-General Fund Departments. The cost of technology improvements are allocated to City funds via a cost-sharing methodology developed for each of the technology improvement projects. The projects currently scheduled are expected to receive 40% of project costs from non-General Fund departments. As project plans and costs are further refined, a specific cost-sharing methodology will be applied based on the unique cost drivers of each project and will be equitable to both the General Fund and non-General Funds.

Project Category Overview: Innovation and Technology

Fund	Fund Description	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
401	Capital Outlay	\$1,046,541	-	-	-	-	\$1,046,541
420	Measure Z	1,862,955	-	-	-	-	\$1,862,955
	TOTAL	\$2,909,496	\$0	\$0	\$0	\$0	\$2,909,496

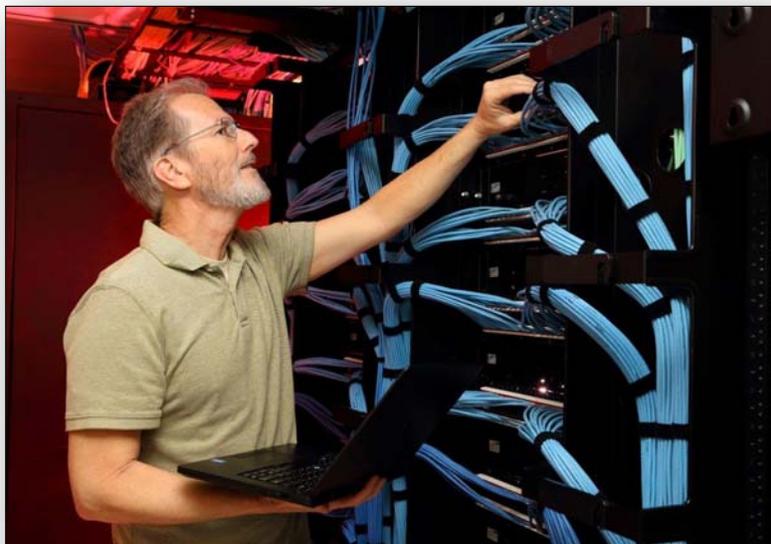
Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Equipment						
Data Center/Disaster Recovery	\$2,909,496	-	-	-	-	\$2,909,496
TOTAL	\$2,909,496	\$0	\$0	\$0	\$0	\$2,909,496

Top Unfunded Projects by Priority

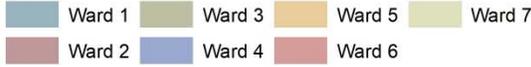
Innovation and Technology identified nine unfunded capital projects with no funding.

Project Name	Estimated Project Cost	Unfunded Amount
1. Datacenter/Disaster Recovery Capital Improvements	\$3,099,479	\$189,983
2. Work-Order/Asset Management System Major Upgrade	3,234,900	3,234,900
3. Data Network Replacement	4,291,735	1,319,481
4. Voice over IP (VoIP) Telecommunications System Upgrades	965,000	965,000
5. Voice over IP (VoIP) Telecommunications System - Full Replacement	2,400,000	2,400,000
6. Enterprise Resource Planning System Replacement	18,000,000	18,000,000
TOTAL	\$31,991,114	\$26,109,364

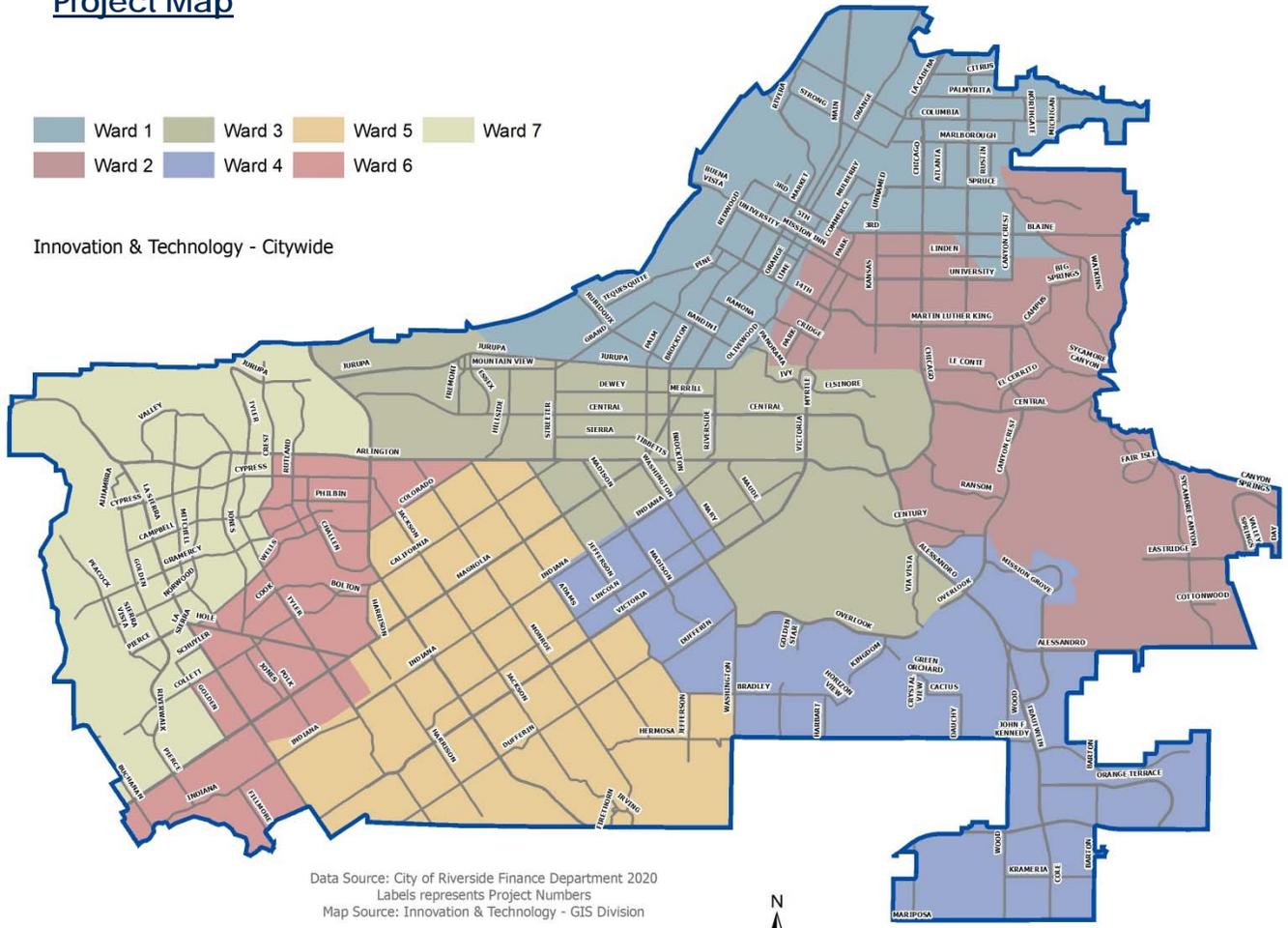


Project Category Overview: Innovation and Technology

Project Map



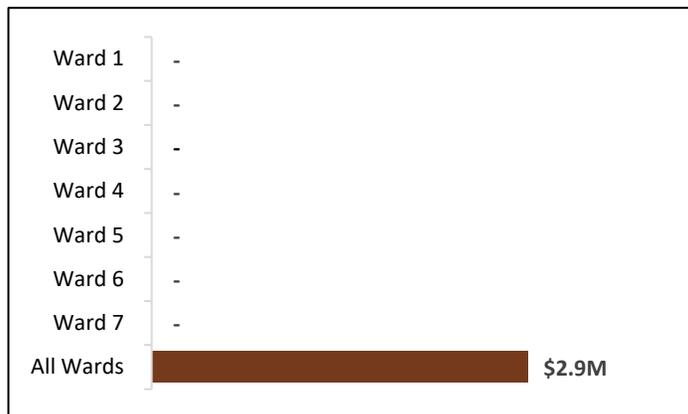
Innovation & Technology - Citywide



Data Source: City of Riverside Finance Department 2020
 Labels represents Project Numbers
 Map Source: Innovation & Technology - GIS Division

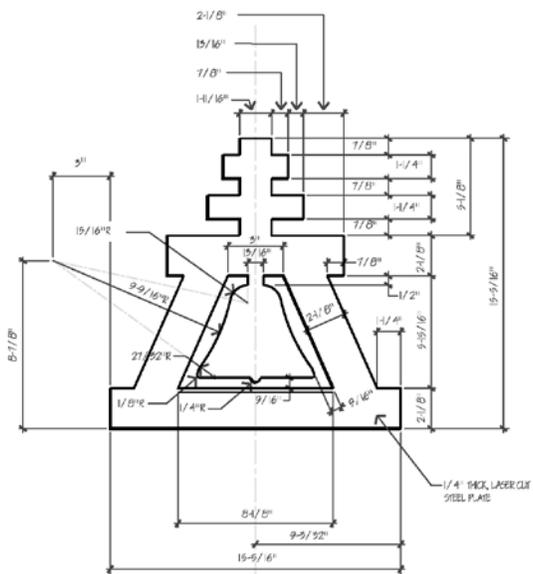
Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	-
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	\$2,909,496
Total	\$2,909,496

NOTES



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DATA NETWORK REPLACEMENT

PROJECT NUMBER 9022 **COUNCIL WARD** All Wards
PROJECT CATEGORY Innovation and Technology
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is a hardware replacement project that includes replacing critical components of the City’s data network and related equipment. Much of the equipment is a decade old and out of manufacturer support, which prevents Innovation and Technology from performing routine maintenance and therefore presents cybersecurity and failure risks. The City’s network equipment is critical to all enterprise software systems and communication Citywide, including Riverside Public Utilities and public safety.

PROJECT STATUS

Request for Proposal (RFP) No. 1926 for Data Network Refresh services and hardware was awarded to Vector Resources, Inc on December 17, 2019. The project has begun with weekly project meetings taking place.

OPERATING BUDGET IMPACT

The project will introduce annually recurring operations and maintenance costs starting at \$265,800. These costs will be incurred for hardware maintenance and support contracts for the new network equipment. Costs are funded by Measure Z through FY 2020/21.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$4,291,735	\$2,972,254	\$0	\$1,319,481

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

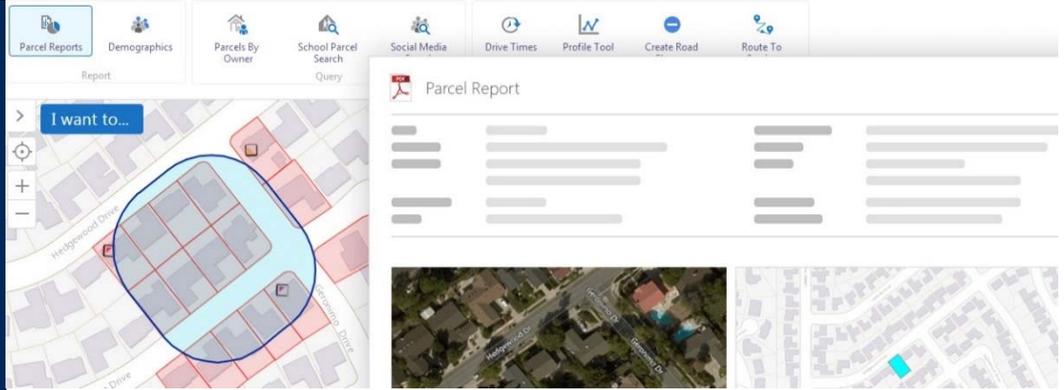


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GIS TECHNOLOGY UPGRADE

PROJECT NUMBER 9070 **COUNCIL WARD** All Wards
PROJECT CATEGORY Innovation and Technology
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Citywide GIS Technology Upgrade Project (Project) will transition the City from CADME to Esri's ArcGIS platform, a modern GIS system that streamlines and automates workflows, enables easy viewing and use of geospatial data, and enhances GIS reporting and analytic capabilities. High-level project objectives include transitioning to ArcGIS (the new upgraded platform), integrating with existing and new systems and applications, enhancing mapping and analytic capabilities, improving internal and external customer experience, and streamlining day-to-day processes.

PROJECT STATUS

The GIS project is currently 60% complete. All consultants have been selected and the architecture and data migration task orders have been completed. In-process tasks include migrating the editors, building the new GIS browser, and recreating new paper map products.

OPERATING BUDGET IMPACT

No operating budget impact. The City will be using updated systems and software for the same price so there is no impact to the current operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$3,500,001	Prior Years Funding \$3,500,001	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DATACENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS

PROJECT NUMBER 9140 **COUNCIL WARD** All Wards
PROJECT CATEGORY Innovation and Technology
PROJECT LOCATION Various

PROJECT DESCRIPTION

The City's data centers are responsible for remote store, processing, and the distribution of large amounts of citywide data (e.g. databases, virtual environment, servers, etc.). The City currently maintains a primary datacenter, a secondary datacenter, and a disaster recovery site. This is a hardware replacement project.

PROJECT STATUS

Innovation and Technology completed a pilot project with a new data center architecture for the GIS Technology Upgrade project. Staff has conducted extensive research into an enterprise-wide data center architecture that meets the City's current data center computing and storage needs and is cost-effective to implement. A final architecture is designed, and final budgetary quotes are nearly completed.

OPERATING BUDGET IMPACT

Software licensing fees and maintenance support will cost \$250,000 per year for the first five years. The equipment is estimated to have a 5-year lifespan. Therefore, the capital replacement of this equipment will be required in 5-years.

PROJECT FUNDING OVERVIEW

Total Project Cost \$3,099,479	Prior Years Funding \$0	Five Year Plan \$2,909,496	REMAINING NEEDED \$189,983
--	-----------------------------------	--------------------------------------	--------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
401	General Fund Capital	\$1,046,541	-	-	-	-	\$1,046,541
420	Measure Z Capital	1,862,955	-	-	-	-	\$1,862,955
TOTAL		\$2,909,496	\$0	\$0	\$0	\$0	\$2,909,496



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FIBER OPTIC CONNECTION UPGRADE

PROJECT NUMBER 9153 **COUNCIL WARD** All Wards
PROJECT CATEGORY Innovation and Technology
PROJECT LOCATION Various City Buildings

PROJECT DESCRIPTION

This project will upgrade the in-building fiber optic connections at various existing City locations. The objective is to upgrade existing in-building fiber in order to provide for the higher data transfer throughput required by newer high-speed networking equipment, servers, and computer workstations.

PROJECT STATUS

Request for Bid No. 7726 for in-building fiber-optic connection upgrades at various City locations was issued on November 22, 2019. The bid closed on December 17, 2019. On April 7, 2020, Council approved the recommendation to award Bid No. 7726 to Vector Resources, Inc. The vendor project team is formed, has performed detailed site inspections, and is planning the work.

OPERATING BUDGET IMPACT

This project will replace existing in-building fiber optic cabling at existing City locations with newer higher quality cabling. This new cabling has a useful life of 10 or more years and does not require any ongoing maintenance. The repair of accidental damage or failure to existing cabling is already an Innovation and Technology responsibility; therefore, there is no operating budget impact is expected from this project.

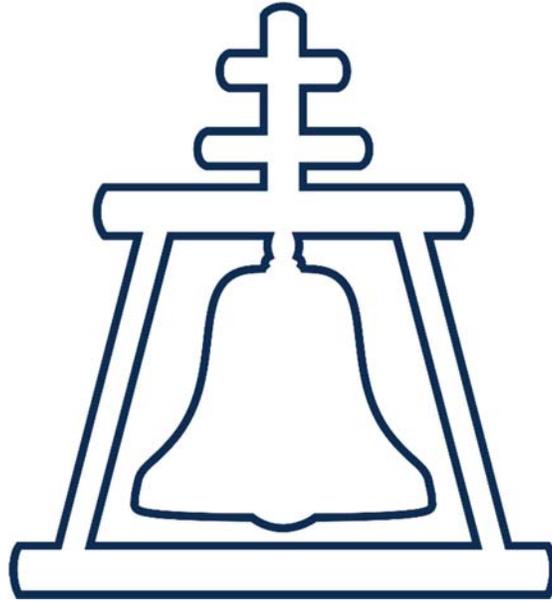
PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$120,521	\$120,521	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

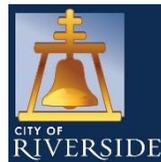
Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0





CITY OF RIVERSIDE
CAPITAL IMPROVEMENT PROGRAM

MUNICIPAL BUILDINGS AND FACILITIES



Project Category Overview: Municipal Buildings and Facilities

Introduction

The General Services Department provides safe, clean, well-maintained, and functional facilities for the City. Additionally, the department is responsible for maintaining the City's green vehicle fleet, as well as managing the City's alternative fuel infrastructure and fueling stations.

The core functions of the Municipal Buildings and Facilities are to manage the design and construction of new facilities, such as alternative fueling stations, libraries, Police and Fire Stations, and oversee major rehabilitation of existing buildings such as the Riverside Convention Center, Fox Theater, and Municipal Auditorium.

One-Year Budget and Five-Year Plan

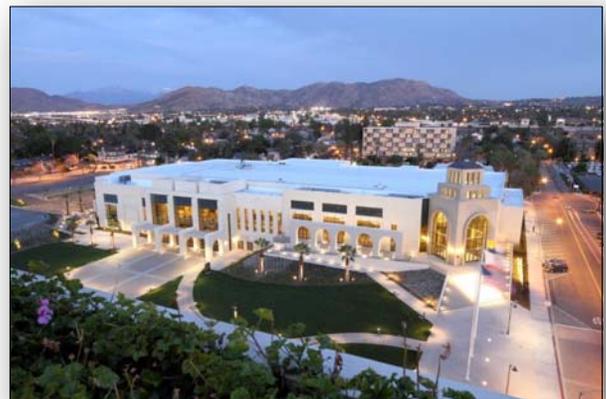
General Services maintains approximately 125 buildings or approximately 1.8 million square feet. While the Airport Division is part of the General Services Department, the Airport is responsible for its own Capital Improvement Program (CIP). Riverside Public Utilities and Parks, Recreation and Community Services Departments prepare CIPs for their facilities and are not part of the General Services CIP.

A comprehensive Facility Condition Assessment (FCA) was completed in FY 2018/19 for all core City facilities, including City Hall, libraries, community centers, police facilities, fire stations, the Fox Entertainment Plaza, the Riverside Municipal Auditorium and the Riverside Convention Center. The FCA captured condition and life cycle information on all major building systems down to the individual component level, such as: site paving, heating and cooling systems, roofing, electrical, plumbing, and elevators. This condition data is analyzed to assess, prioritize and plan capital expenditures.

Project Highlights:

Downtown Library

The new Downtown library is a three-story, 42,000 square foot, innovative and master planned space that will connect with existing developments in the area. Construction will be completed by December 2020. The new facility replaces the outdated library next to the Mission Inn. It will include more community meeting



Project Category Overview: Municipal Buildings and Facilities

spaces, archives, new programs, creative workspaces, and expanded children’s services. It will also create a catalyst for future positive economic activity in Downtown Riverside.

Police Headquarters

The City is currently working with a consultant on a Siting, Facilities Optimization and Operational Study to determine which policing functions the headquarters will provide, the efficient size for the headquarters facility and optimal location. The study will be completed by June 2021.

Metropolitan Museum Rehabilitation

The renovation will bring the Museum into the twenty-first century and provide visitors with a modern museum experience in which to learn about the cultural and natural history of Riverside and its region. Phase 1 Design has been completed. Full funding has not been identified to complete the project.

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
420	Measure Z Capital	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
	TOTAL	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Funding for the non-fleet Municipal Buildings and Facilities CIP comes primarily from the General Fund and Measure Z. While grant funding is limited for facility projects, General Service’s staff continually seeks grant funding when possible. Fleet facility improvements identified in this CIP are funded through service rates charged to city departments, grants, and alternative fuel revenues from the public sale of compressed natural gas, hydrogen, and propane fuel.



It is difficult to develop an accurate CIP because sources of revenue for the General Fund are subject to change based on citywide

Project Category Overview: Municipal Buildings and Facilities

needs. Additionally, grant funded projects are subject to Federal, State, and other agency awards.

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Buildings						
City Buildings Deferred Maintenance	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Fire Plymovent Exhaust System	-	-	-	-	-	\$0
Total Buildings	\$1,100,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
TOTAL	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

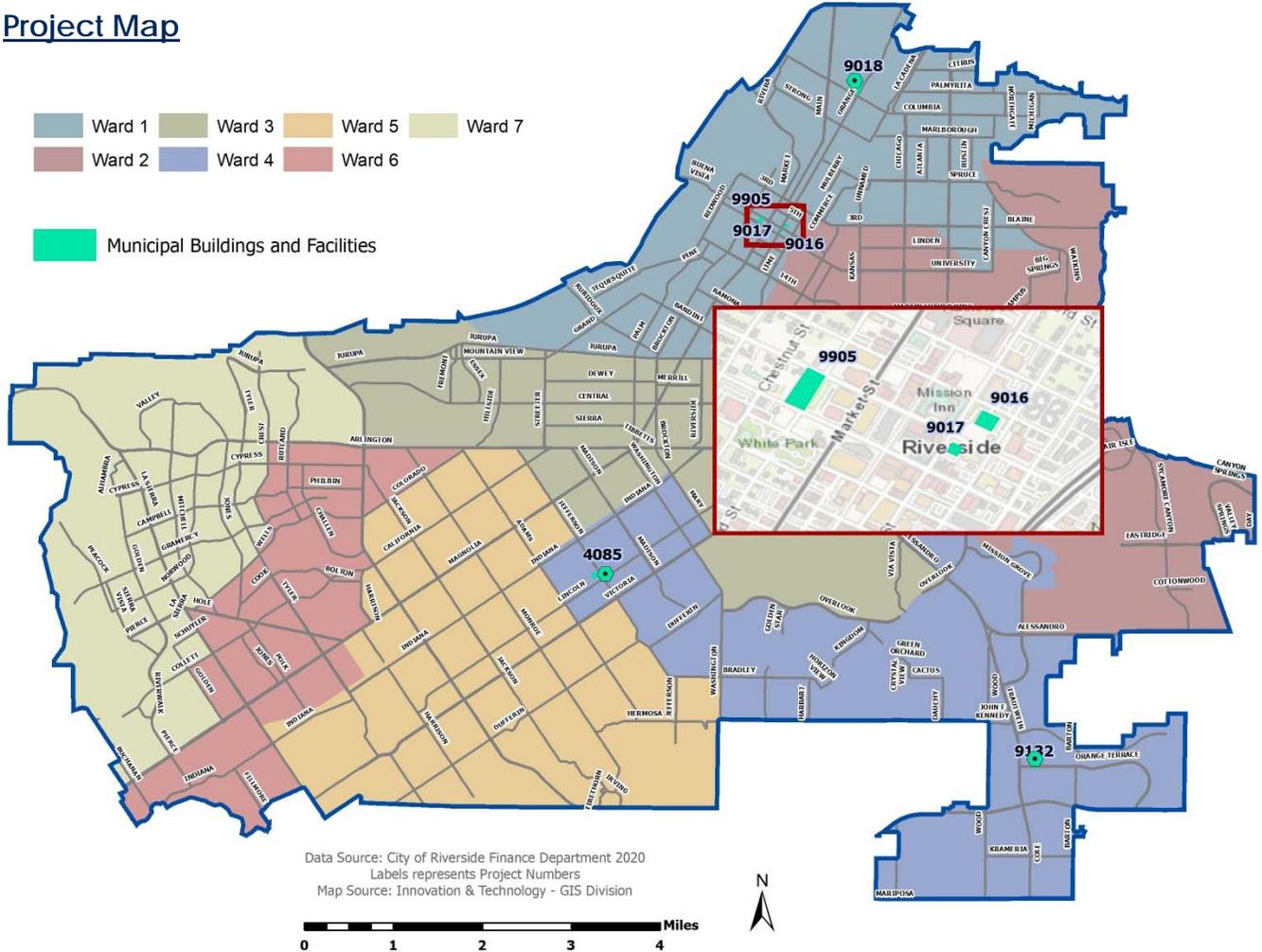
Top Unfunded Projects by Priority

General Services has identified eight projects that are currently unfunded.

Project Name	Estimated Project Cost	Unfunded Amount
1. Magnolia Station Roof Repair	\$100,000	\$100,000
2. Arlanza Library Roof Repair	20,000	20,000
3. Fox Roof Repairs	75,000	75,000
4. Riverside Municipal Auditorium Roof	50,000	50,000
5. Orange Station Mechanical Room Repairs	20,000	20,000
6. Magnolia Shopping Center - Roof	200,000	200,000
7. Fire Station 2 Roof Replacement	350,000	350,000
8. Marcy HVAC Replacement	150,000	150,000
TOTAL	\$965,000	\$965,000

Project Category Overview: Municipal Buildings and Facilities

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$-
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	5,000,000
Total	\$5,000,000

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FIRE PLYMOVENT EXHAUST SYSTEM

PROJECT NUMBER 1675 **COUNCIL WARD** ALL
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION City Wide

PROJECT DESCRIPTION

This project will install an upgraded diesel exhaust system in multiple fire station apparatus bays. The new system will include hoses that connect directly to the fire vehicles that collect the exhaust gases and then use a fan system to remove it from the building apparatus bays.

PROJECT STATUS

The bids for the project were sent and will be received in July 2020. Once evaluated and selected, construction should take approximately 8 months.

OPERATING BUDGET IMPACT

There will be no budgetary impact as this is a replacement for the current operational system.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$672,000	\$672,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FLEET METHANE DETECTION SYSTEM

PROJECT NUMBER 4085 **COUNCIL WARD** 3
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION City Corporation Yard, 8095 Lincoln Avenue

PROJECT DESCRIPTION

This consists of 3 separate projects 1) Methane Detection system expanding the shop capacity for compressed natural gas (CNG) maintenance work, which has been completed; and 2) Lincoln CNG Station Expansion: One two-hose CNG dispenser, fueling island with canopy and credit card reader; and 3) Acorn CNG Station Expansion: Four (4) CNG Storage Spheres and two (2) two-hose dispenser.

PROJECT STATUS

Part 1: Methane detection system – complete.
 Part 2: Lincoln CNG Station Expansion Status: Bid No. 1619 Rev 1. Issued July 2, 2019.
 Part 3: Acorn CNG Station Expansion Status: Bid No. 7720 was awarded on April 21, 2020.

OPERATING BUDGET IMPACT

No additional budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$1,734,973	\$1,734,973	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CHEECH MARIN CENTER FOR CHICANO ART

PROJECT NUMBER 9016 **COUNCIL WARD** 1
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION 3581 Mission Inn Avenue

PROJECT DESCRIPTION

Reuse and repurpose the existing Downtown library as the new Cheech Marin Center for Chicano Art. The facility will be a modern, innovative, active and accessible arts center offering a variety of public services including galleries, a café, administrative offices, classrooms, and gift store. The Cheech Marin Center for Chicano Art will hold an art collection of approximately 700 pieces of paintings and sculptures.

PROJECT STATUS

Phase One of the project is underway and includes the development of conceptual designs for use in private fundraising efforts. Following the completion of conceptual designs, awarding of the construction bids are estimated to take place by November/December 2020. Construction is estimated to be complete by November 2021.

OPERATING BUDGET IMPACT

Ongoing maintenance will be funded through a privately established foundation.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$10,700,000	\$10,700,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



METRO MUSEUM EXPANSION AND REHABILITATION

PROJECT NUMBER 9017 **COUNCIL WARD** 1
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION 3580 Mission Inn Avenue

PROJECT DESCRIPTION

The Riverside Metropolitan Museum building was built between 1912 and 1914 as a United States Post Office and federal building. It later served as the home of the Riverside Police Department with the Museum housed in its basement. Between 1962 and 1965 the Museum was remodeled into its current configuration, expanding to fill the entire building in 1966. Significant renovations have been done since that time. The renovation will bring the Museum into the twenty-first century and provide visitors with a modern museum experience to learn about the cultural and natural history of Riverside and the region.

PROJECT STATUS

Phase I of the Museum expansion is estimated to be completed by October 2020.

OPERATING BUDGET IMPACT

Ongoing maintenance after the expansion and rehab will likely be lower than the existing facility, so no additional operating impact will be budgeted.

PROJECT FUNDING OVERVIEW

Total Project Cost \$22,053,000	Prior Years Funding \$99,220	Five Year Plan \$13,700,000	REMAINING NEEDED \$8,253,780
---	--	---------------------------------------	--

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
420*	Measure Z (Bond Proceeds)	-	-	\$13,700,000	-	-	\$13,700,000
TOTAL		\$0	\$0	\$13,700,000	\$0	\$0	\$13,700,000

*Appropriation of funds contingent on bond issuance. For planning purposes only. Not included in in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



POLICE HEADQUARTERS

PROJECT NUMBER 9018 **COUNCIL WARD** 1
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION Main Street and Columbia Avenue

PROJECT DESCRIPTION

The proposed new Police Headquarters will be a ten-acre campus located on the corner of Orange Street and Columbia Avenue. The proposed project would develop a 50,000 square foot state-of-the-art facility that is designed to meet the administrative needs of the Riverside Police Department. The design would be adaptive to meet future needs. Additionally, the campus will be designed to accommodate a police station, 10,000 square foot community center, future Emergency Operations Center expansion, joint police and fire training facility, physical agility training center, and secured parking for special operational equipment.

PROJECT STATUS

Project is in the planning stages.

OPERATING BUDGET IMPACT

There will be ongoing maintenance associated with the new building; however, maintenance costs will be significantly lower than the existing building, so there will be no additional budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$35,095,953	\$95,953	\$35,000,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
420*	Measure Z (Bond Proceeds)	-	-	\$35,000,000	-	-	\$35,000,000
TOTAL		\$0	\$0	\$35,000,000	\$0	\$0	\$35,000,000

*Appropriation of funds contingent on bond issuance. For planning purposes only. Not included in in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CITY BUILDINGS DEFERRED MAINTENANCE

PROJECT NUMBER 9019 **COUNCIL WARD** All
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Maintains the City's existing core government facilities, such as libraries, fire and police stations, Museum, and City Hall. Projects include minor capital work that is needed to bring the facilities to a safe and acceptable condition such as roof replacements and repairs, HVAC system replacements, parking lot overlays and rehabilitation, room remodels, floor replacements, etc.

PROJECT STATUS

Staff continues to identify and prioritize facility needs. Multiple projects are completed each year.

OPERATING BUDGET IMPACT

There should be a slight decrease to the operating budget as most of the projects will replace old and aging items that require a high degree of maintenance and repair.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$1,888,934	Five Year Plan \$5,000,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
420	Measure Z Capital Projects	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
TOTAL		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FIRE STATION 11 DORM IMPROVEMENTS

PROJECT NUMBER 9132 **COUNCIL WARD** 4
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION 19595 Orange Terrace Parkway

PROJECT DESCRIPTION

The project consists of demolishing the open dormitory style sleeping quarters, which currently consists of six individual beds and nightstands, and constructing five private sleeping quarters which can each accommodate one single bed, nightstand, lockers and privacy door. Each room will have its own independent ceiling light, wall power outlet and heating and air conditioning ventilation.

PROJECT STATUS

It is anticipated that portions of the project, such as construction of the walls, will be competitively bid, with the balance of the work to be performed in house by General Services staff.

OPERATING BUDGET IMPACT

There will no impact on the operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$100,000	Prior Years Funding \$100,000	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DOWNTOWN LIBRARY

PROJECT NUMBER 9905 **COUNCIL WARD** 1
PROJECT CATEGORY Municipal Buildings and Facilities
PROJECT LOCATION 3911 University Avenue

PROJECT DESCRIPTION

The new innovative and master-planned Downtown Library will be a three-story, 42,000 square foot facility that will connect with existing developments in the area to maximize visibility and use. The new facility will replace the outdated Library on Mission Inn Avenue. It will create additional community meeting space, new historic programs, creative workspaces, and expanded children's services. This library will also be a catalyst for future positive economic activity in Downtown Riverside.

PROJECT STATUS

We are at 90% construction completion and expect to be substantially completed by the end of December 2020.

OPERATING BUDGET IMPACT

Ongoing maintenance will likely be lower than the existing facility, so there will be no additional budgetary impact

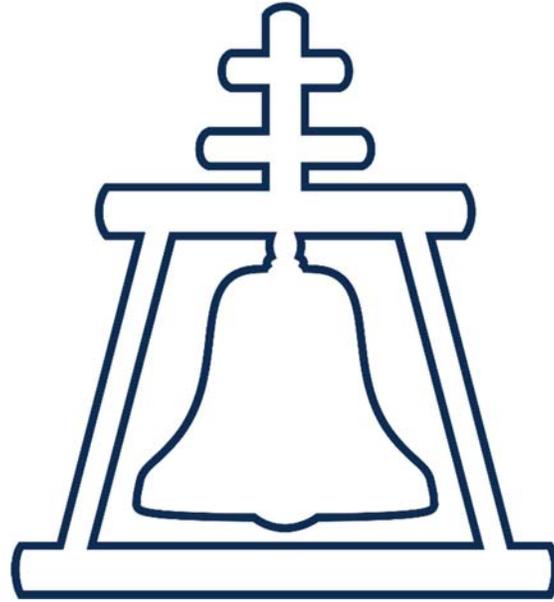
PROJECT FUNDING OVERVIEW

Total Project Cost \$41,390,982	Prior Years Funding \$41,390,982	Five Year Plan \$0	REMAINING NEEDED \$0
---	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

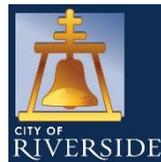




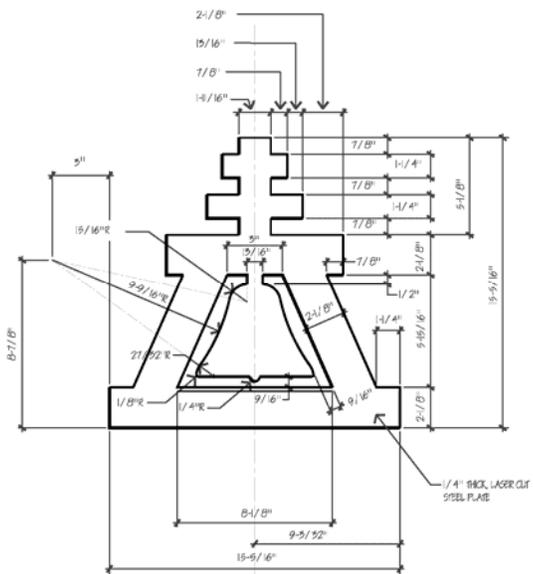
CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

**PARKS, RECREATION AND
COMMUNITY SERVICES**



NOTES



Project Category Overview: Parks, Recreation, and Community Services

Introduction

The Parks, Recreation and Community Services Department is responsible for providing innovative recreational experiences and social enrichment opportunities to address the changing needs for people of all ages and cultures, in a variety of safe and attractive parks, trails, landscapes, and facilities. One of the Department's main responsibilities is to plan, design, and construct new parks and facilities, as well as renovate and enhance existing amenities.

One-Year Budget and Five-Year Plan

The Parks, Recreation and Community Services Department will be working on several previously funded projects. The most significant project planned in the next five years is the design and construction of an ADA accessible pedestrian walkway along Dexter Drive in Fairmount Park.

Project Highlights:

Arlington Youth Innovation Center (AYIC)

The AYIC is envisioned to offer programs and services oriented toward technology education and job skills development to better serve the youth in the community. Based on 2010 census data, the City's population of residents between the ages of 0 to 24 makes up the largest segment by age group with the range of 18 to 24 representing 15.5%. In the Arlington Neighborhood, the 10 to 19 age group makes up 17.8% of the population. The construction of the new 9000 SF facility was completed in Spring 2020. Staff is working to implement information technology systems (Wi-Fi, Networking, Computers, etc.) for a Spring 2021 opening, pending COVID-19 restrictions.



Project Category Overview: Parks, Recreation, and Community Services

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
413	Park Capital Improvement	\$325,000	-	-	-	-	\$325,000
	TOTAL	\$325,000	\$0	\$0	\$0	\$0	\$325,000

Major revenue sources that the Parks, Recreation and Community Services Department typically uses to fund CIP projects include, Federal and State Grants, Successor Agency Funds/Redevelopment Bond Funds, Development Impact Fees, and Local and Regional Park Funds. These are restricted funding sources and one-time funding sources.

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Fairmount Park Lake Evans Lakeshore Access	\$325,000	-	-	-	-	\$325,000
TOTAL	\$325,000	\$0	\$0	\$0	\$0	\$325,000

The only new project in this budget is the Fairmount Park Lake Evans Lakeshore Access. The department will be executing several previously funded projects including completion of the Trails Master Plan Update, various additional park ADA improvements and the Design phase for the Nichols Community Center Renovation.

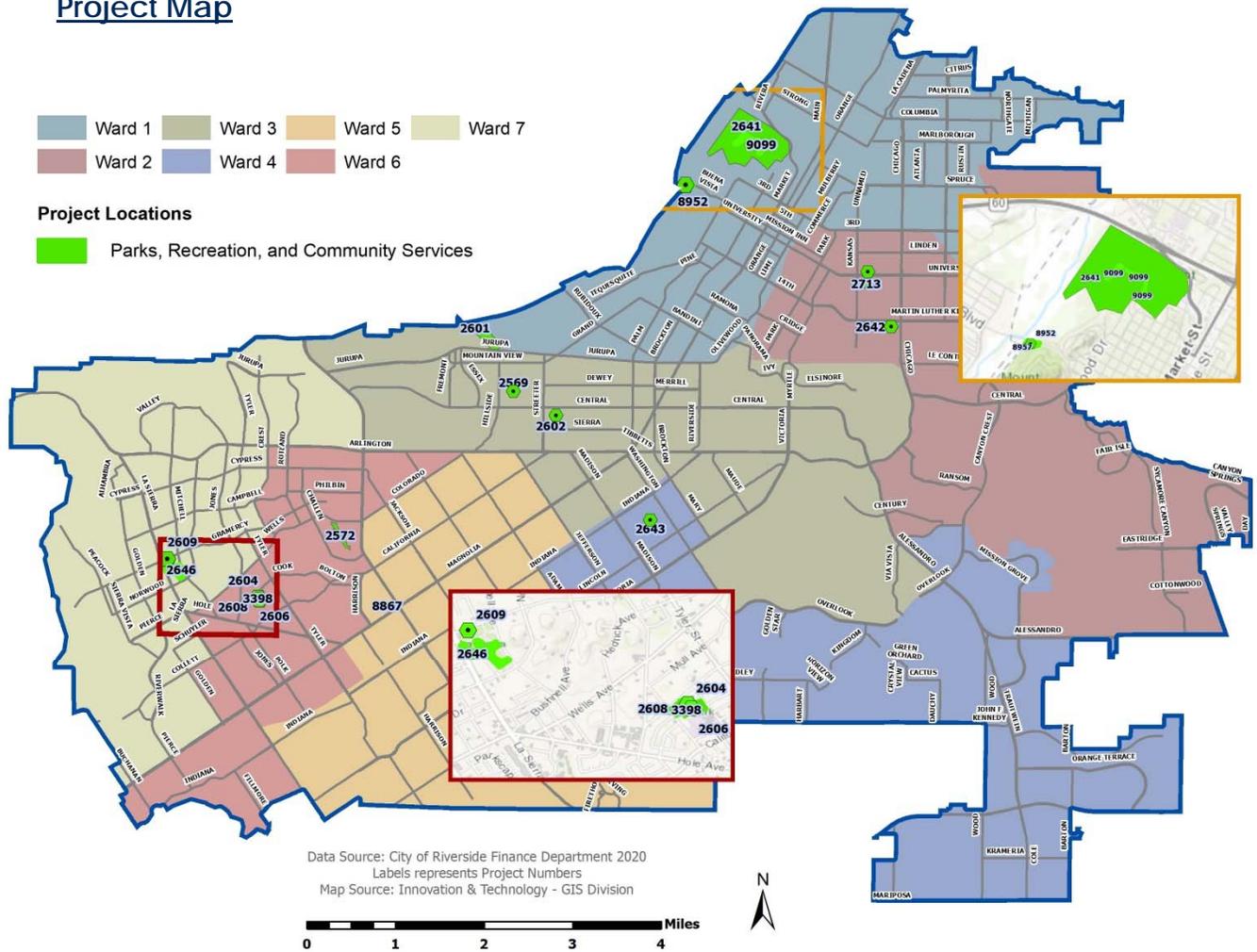
Top Unfunded Projects

Parks and Recreation has identified their top ten unfunded projects.

Project Name	Estimated Project Cost	Unfunded Amount
1. Bobby Bonds Park Artificial Turf Refurbishment	\$700,000	\$414,655
2. La Sierra Park Playground Resurface	150,000	150,000
3. Bobby Bonds Park - Playground Area Lighting Improvement	35,000	35,000
4. Fairmount Park -Lake Evans Water Quality (Solarbee)	65,000	65,000
5. Ward 3 Ada Improvements	70,269	70,269
6. Citywide Parking Lot Rehabilitation	500,000	500,000
7. Riverwalk Golden/Schuyler Playground Surfacing	105,321	105,321
8. Sycamore Highlands Park - Playground Poured-In-Place Surfacing Replacement	35,534	35,534
9. Park System Ada Improvements	45,000,000	45,000,000
10. Collett Park Playground Equipment Replacement	295,000	295,000
TOTAL	\$46,956,124	\$46,670,779

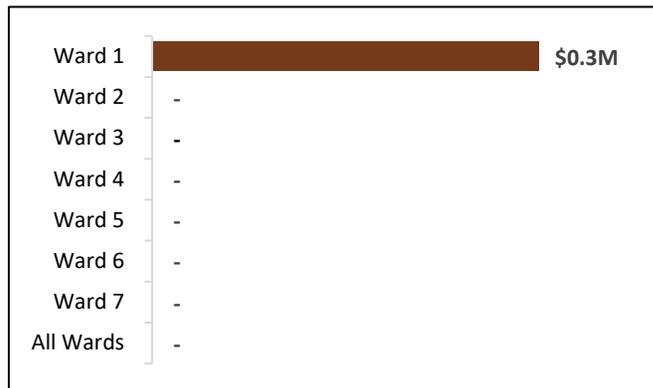
Project Category Overview: Parks, Recreation, and Community Services

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$325,000
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	-
Total	\$325,000

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



NICHOLS COMMUNITY CENTER RENOVATION

PROJECT NUMBER 2569 **COUNCIL WARD** 3
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Nichols Park, 5505 Dewey Avenue

PROJECT DESCRIPTION

Master Plan Design and construction for the Joyce Jackson Community Center. Design phase will include issuing an RFP and procuring architectural services for a Community Center Master Plan. The Master Plan will entail a complete renovation of the existing 10,000 square feet facility and expansion of the programmable space by approximately 6,000 square feet. The Master Plan Design will also include a redesign of the landscape architectural design services for redesigning the exterior spaces to make the building more welcoming and functional. The master plan documents will be used to apply for grants or other funding opportunities to complete the construction documents and ultimately construct the future \$7 million dollar improvement.

PROJECT STATUS

In Progress - master plan/conceptual design is anticipated to be presented to Council by November 2020. Construction documents and construction are currently unfunded.

OPERATING BUDGET IMPACT

A minor increase in operating costs for maintenance due to additional square footage is estimated to be in the range of \$5,000 to \$10,000 annually based on current janitorial rates.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$14,753,460	\$138,000	\$0	\$14,615,460

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility

EL DORADO PARK MASTER PLAN



EL DORADO PARK WALKING PATH

PROJECT NUMBER 2572 **COUNCIL WARD** 6
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION El Dorado Park

PROJECT DESCRIPTION

Design and construction of decomposed granite walking/jogging path from Warren Street to Temecula Street (Phase I) including demolition of existing turf, minor grading of the site, concrete mow curbs, new landscape, irrigation modifications, and other associated work.

PROJECT STATUS

The project is complete. Opened to the public on January 13, 2020. Closeout Phase in Progress.

OPERATING BUDGET IMPACT

No operating impact. The existing site is currently landscaped with turf and is being maintained and watered. The installation of a decomposed granite walking path is not anticipated to be more costly to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$122,000	\$122,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



HUNTER PARK - RAILROAD KIOSK

PROJECT NUMBER 2600 **COUNCIL WARD** 1
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Hunter Park, 1401 Iowa Avenue

PROJECT DESCRIPTION

Design and construction of Hunter Park Railroad Kiosk include design, demolition, landscaping, irrigation, paving, and construction of interpretive signage that will provide historical background information about unique miniature steam train railroad features at Hunter Park.

PROJECT STATUS

The project is pending the final installation.

OPERATING BUDGET IMPACT

No impact to operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$68,000	Prior Years Funding \$68,000	Five Year Plan \$0	REMAINING NEEDED \$0
---------------------------------------	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MARTHA MCLEAN ANZA NARROWS – FRISBEE GOLF COURSE

PROJECT NUMBER 2601 **COUNCIL WARD** 1
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Martha McLean Anza Narrows – 5759 Jurupa Avenue

PROJECT DESCRIPTION

Design and construction of an 18-hole frisbee golf course at Martha McLean Anza Park. The improvements include tees, course map, information board, signage, furniture, and minor irrigation and landscape modifications.

PROJECT STATUS

The project is complete. Opened to the public on March 20, 2019. Closeout phase in progress.

OPERATING BUDGET IMPACT

No operating impact. The existing site is currently developed and maintained. The installation of frisbee golf features are not anticipated to be significantly more costly to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$55,000	\$55,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GOESKE SENIOR CENTER - RESTROOM RENOVATION

PROJECT NUMBER 2602 **COUNCIL WARD** 3
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Janet Goeske Center, 5257 Sierra Street

PROJECT DESCRIPTION

Design and construction to renovate existing restroom interior and exterior (tiles replacement, paint, partitions, fixtures, signage, ceiling, lights, and other items as required) to meet current building codes.

PROJECT STATUS

The project is funded through a Community Development Block Grant (CDBG) and a Memorandum of Understanding (MOU) has been executed. National Environmental Policy Act review has been completed. Construction is anticipated to be completed in December 2020.

OPERATING BUDGET IMPACT

None to minimal since this is a renovation of an existing amenity.

PROJECT FUNDING OVERVIEW

Total Project Cost \$50,000	Prior Years Funding \$50,000	Five Year Plan \$0	REMAINING NEEDED \$0
---------------------------------------	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MYRA LINN PARK - ACCESS IMPROVEMENTS

PROJECT NUMBER 2604 **COUNCIL WARD** 6
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Myra Linn Park, 4540 Meredith Street

PROJECT DESCRIPTION

Design and construction so the facility is compliant with the Americans With Disability Act (ADA). The project will also include drainage improvement to the basketball court area; including demolition, grading, paving, furniture, drainage, and minor landscaping and irrigation modifications.

PROJECT STATUS

The project is substantially complete. Opened to the public pending COVID-19 Restrictions. Closeout phase in progress.

OPERATING BUDGET IMPACT

No operating impact. The existing site is currently developed and maintained. Improvements to ADA access and drainage are not anticipated to be more costly to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$38,500	\$38,500	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MYRA LINN PARK - SHADE SAILS

PROJECT NUMBER 2606 **COUNCIL WARD** 6
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Myra Linn Park, 4540 Meredith Street

PROJECT DESCRIPTION

Design and construction of shade sails over the age of 5-12 playground. Shade sails are a safety enhancement to provide greater comfort for users during the summer.

PROJECT STATUS

The project is substantially complete. Opened to the public pending COVID-19 Restrictions. Closeout phase in progress.

OPERATING BUDGET IMPACT

No significant operating impact. The existing site is currently developed and being maintained. The installation of shade sails is not anticipated to add significantly to routine maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost \$99,000	Prior Years Funding \$99,000	Five Year Plan \$0	REMAINING NEEDED \$0
---------------------------------------	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MYRA LINN PARK - FITNESS STATIONS

PROJECT NUMBER 2608 **COUNCIL WARD** 6
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Myra Linn Park

PROJECT DESCRIPTION

Design and installation of four fitness stations strategically located along the walking path. This project will provide an additional amenity for park users who will be able to increase their fitness levels and reduce obesity.

PROJECT STATUS

The project is substantially complete. Opened to the public pending COVID-19 Restrictions. Closeout phase in progress.

OPERATING BUDGET IMPACT

No significant operating impact. The existing site is currently developed and being maintained. The installation of fitness equipment is not anticipated to add significantly to routine maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost \$99,000	Prior Years Funding \$99,000	Five Year Plan \$0	REMAINING NEEDED \$0
---------------------------------------	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LA SIERRA PARK ADA WALKWAY - PHASE I

PROJECT NUMBER 2609 **COUNCIL WARD** 7
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION La Sierra Park, 5215 La Sierra Avenue

PROJECT DESCRIPTION

Design and construction of pathway that is compliant with the Americans With Disabilities Act (ADA) from the Senior Center parking lot to the ballfield and parking lot (DG path, concrete, mow curbs, landscape, and furniture). ADA pathway will provide improved accessibility to the ballfields. The project scope includes adjusting landscape and irrigation, as well as rest areas along the path with trash receptacles and benches.

PROJECT STATUS

The design phase is expected to be complete by September 2020.

OPERATING BUDGET IMPACT

No operating impact. Existing site is currently landscaped and being maintained. Installation of a decomposed granite walking path is not anticipated to be more costly to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$204,077	\$204,077	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FAIRMOUNT PARK SIGNAGE

PROJECT NUMBER 2641 **COUNCIL WARD** 1
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Fairmount Park, 2601 Fairmount Boulevard

PROJECT DESCRIPTION

Design and construction of wayfinding signage with kiosk, golf course sign, new entry sign, traffic, and parking signs. The design will be in accordance with the historic character of the original park design.

PROJECT STATUS

The project is funded through a Community Development Block Grant (CDBG) and a Memorandum of Understanding (MOU) has been executed. National Environmental Policy Act review has been completed. Design and construction are anticipated to be completed in 2020.

OPERATING BUDGET IMPACT

Updating the Fairmount Park Signage will not significantly impact the operating budget. The site is currently developed and maintained.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$190,000	\$190,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BORDWELL PARK - FLOOR REPLACEMENT

PROJECT NUMBER 2642 **COUNCIL WARD** 2
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Bordwell Park, 2008 Martin Luther King Boulevard

PROJECT DESCRIPTION

Replace the existing vinyl composition tile flooring at the Nati Fuentes Centro de Ninos. The project will include installing water moisture barrier and flooring in six classrooms (5,400 square feet), hallway (2900 square feet), and office area (2200 square feet).

PROJECT STATUS

The project is substantially complete. Opened to the public pending COVID-19 Restrictions. Closeout phase in progress.

OPERATING BUDGET IMPACT

No significant operating impact. The existing site is currently developed and maintained. Replacement of floor is not anticipated to significantly alter routine maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$248,299	\$248,299	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



VILLEGAS PARK - WADING POOL DESIGN

PROJECT NUMBER 2643 **COUNCIL WARD** 4
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Ysmael Villegas Park, 3091 Esperanza Street

PROJECT DESCRIPTION

Design of wading pool replacement with a splash pad that is compliant with the Americans With Disabilities Act (ADA). Completion of design will facilitate future grant application for construction. Splash pad to include recirculation and filtering equipment to meet Health Department requirements, as well as fencing, paving, landscape modifications, etc. at Villegas Park which is near the existing pool.

PROJECT STATUS

Design project is funded through the Community Development Block Grant (CDBG) and a Memorandum of Understanding (MOU) has been executed. National Environmental Policy Act review has been completed. Design is anticipated to be completed by 2020.

OPERATING BUDGET IMPACT

The completion of the design for the wading pool will not impact the operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$690,000	Prior Years Funding \$40,000	Five Year Plan \$0	REMAINING NEEDED \$650,000
--	--	------------------------------	--------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LA SIERRA PARK ADA WALKWAY - PHASE II

PROJECT NUMBER 2646 **COUNCIL WARD** 7
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION La Sierra Park

PROJECT DESCRIPTION

Design and construction of a pathway around the ballfields that is compliant with the Americans With Disabilities Act (ADA). The project will include installing a decomposed granite path with mow curbs, landscaping, and site furniture. The ADA compliant pathway will provide improved accessibility to the ballfields. The project scope includes adjusting landscape and irrigation, as well as rest areas along the path with trash receptacles and benches.

PROJECT STATUS

Preliminary design concepts in progress. Design phase expected to be completed by September 2020.

OPERATING BUDGET IMPACT

No operating impact. The existing site is currently landscaped and is being maintained. The installation of a decomposed granite walking path is not anticipated to be more costly to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost \$30,000	Prior Years Funding \$30,000	Five Year Plan \$0	REMAINING NEEDED \$0
---------------------------------------	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BOBBY BONDS PARK ARTIFICIAL TURF REFURBISHMENT

PROJECT NUMBER 2713 **COUNCIL WARD** 2
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION BOBBY BONDS PARK

PROJECT DESCRIPTION

Removal and replacement of 85,675 SF of existing artificial turf. Panel seams to be hand sewn and field to be restriped for both full team football and soccer games as well as 7-man mini soccer games. Life expectancy is approximately 10 years. Regular maintenance sweeping of the infill/turf should be completed every 4-6 weeks.

PROJECT STATUS

Community Development Block Grant has been awarded for this project in the amount of \$285,345. Department still needs approximately \$414,655 in funding to begin the project. Department is seeking out additional grant funding to begin the project.

OPERATING BUDGET IMPACT

No impact to operational budget due to it being existing infrastructure.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$700,000	\$285,345	\$0	\$414,655

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MYRA LINN PARK MASTER PLAN IMPROVEMENTS

PROJECT NUMBER 3398 **COUNCIL WARD** 6
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Myra Linn Park

PROJECT DESCRIPTION

Design and Construction for implementation of the approved park master plan, including additional fitness nodes, walking & jogging paths, "mini-pitch" soccer fields, pickleball courts, and a splash pad. The plan also includes the revitalization of existing features including playgrounds, basketball court, picnic pavilions, and restroom. Planting, irrigation modifications, new site furnishings, and minor grading operations will be incorporated as necessary. The acquisition of two adjacent residential lots is also required to fully implement the master plan.

PROJECT STATUS

The master plan was approved by Council in July of 2019, including the authorization to submit a grant application for the Statewide Park Development and Community Revitalization Program.

OPERATING BUDGET IMPACT

The overall additional operating cost is estimated at \$12,000 annually. The additional amenities are expected to increase revenue by approximately \$6,000. The net annual deficit of \$6,000 can be absorbed by the existing operating budget. New energy conserving improvements; such as LED lighting, low water use planting, and drip irrigation will save a few thousand dollars but will be more than offset with the additional parkland, water play features, and security cameras.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$8,500,000	\$0	\$8,500,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
Grant*	State Capital Grants	-	8,500,000	-	-	-	8,500,000
TOTAL		\$0	\$8,500,000	\$0	\$0	\$0	\$8,500,000

*Appropriation of funds contingent on grant award. For planning purposes only. Not included in in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GAGE CANAL TRAIL IMPROVEMENTS

PROJECT NUMBER 4092 **COUNCIL WARD** All Wards
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Includes multiple phases of development of approximately 6.5 miles of the Gage Canal for recreational trail use as well as commuters using active transportation modes such as bicycles, skates, and scooters. The trail will have solar lighting and trees will line the corridor to provide shade and to sequester carbon for greenhouse gas reduction benefits. Other support amenities include seating, bike racks, map boards, and signs. Interpretive material will be included on the map boards to highlight the historic nature of the Gage Canal and its role in the citrus industry in the Inland Empire Region.

PROJECT STATUS

Phase I has been fully funded through the Urban Greening Grant which includes trail improvements, between Palmyrita Avenue on the north end of the City, continuing south along the canal to Blaine Street (approximately 2 miles). The project connects the Hunter Business Park area with neighborhoods around the University of California, Riverside campus. The design will begin once the agreement is executed by the State.

OPERATING BUDGET IMPACT

While improvements are being designed to minimize maintenance demands, there will be additional operating budget needs. The AC paving path will be maintained by Public Works with in-house crews and an annual cost of \$5,000 for materials to patch and repair trail as needed. Landscape operational costs are anticipated to be approximately \$25,000 per year. Collaboration with UCR and non-profits to collect trash is planned to reduce long term operational costs.

PROJECT FUNDING OVERVIEW

Total Project Cost \$13,708,509	Prior Years Funding \$3,708,509	Five Year Plan \$0	REMAINING NEEDED \$10,000,000
---	---	------------------------------	---

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ARLINGTON YOUTH INNOVATION CENTER

PROJECT NUMBER 8867 **COUNCIL WARD** 5
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Arlington Park, 3860 Van Buren Boulevard

PROJECT DESCRIPTION

Design and construction of a new 10,000 square foot Youth Innovation Center (AYIC). The project will include classrooms, a computer lab, multi-purpose rooms, a recording studio, a new parking lot, and an outdoor amphitheater. The AYIC is envisioned to offer a broad range of work skills and educational assistance programs as the Johnny Martin Sotelo Youth Opportunity Center (YOC) in the Eastside Neighborhood. The AYIC will focus on innovation, technology, and multi-media to complement the arts-focused programs at the existing YOC.

PROJECT STATUS

The project is Complete. Open to the public pending COVID-19 restrictions. Closeout phase in progress.

OPERATING BUDGET IMPACT

Estimated \$275,000 additional ongoing funds needed to operate and maintain the facility to be paid by revenue generated by the YIC and the General Fund. Ongoing needs include approximately 3.0 full-time equivalent personnel to program and operate the facility as well as non-personnel (supplies, copy machines, utilities, janitorial, etc.).

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$7,490,862	\$7,490,862	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MOUNT RUBIDOUX TRAIL IMPROVEMENTS

PROJECT NUMBER 8952 **COUNCIL WARD** 1
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Carlson Park/Mt. Rubidoux

PROJECT DESCRIPTION

Renovation and restoration of the trails on Mt. Rubidoux including hydrologic engineering to stabilize the hillside that is severely impacted by erosion due to off-trail activity above the historic Carlson Falls. The restoration work will include grading to minimize erosion, installation of trail circulation barriers, and signage improvements.

PROJECT STATUS

Site analysis and management plan development completed. Trail modification work in progress. After the initial project scoping in 2013, the erosion and stormwater damage on Mt. Rubidoux worsened as the region moved out of drought conditions and experienced damaging rain events. These subsequent rain events led to more work than initially scoped in order to control erosion and stabilize the hillside.

OPERATING BUDGET IMPACT

No significant operating budget impact. The existing site is currently maintained. Site improvements are not anticipated to significantly alter routine maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$534,245	\$534,245	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CARLSON PARK HISTORIC FALLS RESTORATION

PROJECT NUMBER 8957 **COUNCIL WARD** 1
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Carlson Park/Mt. Rubidoux

PROJECT DESCRIPTION

This cultural heritage landmark, constructed in 1923, is deteriorating from stormwater run-off from Mt. Rubidoux and erosion due to off-trail activity. Due to the historic significance of Carlson Park, as the formal entrance of Riverside, and the community's desire to rehabilitate the features of the park, the Department aims to stabilize the St. Francis Falls. This project will assess and protect this historic feature from further deterioration.

PROJECT STATUS

The project has been completed. Closeout phase in progress.

OPERATING BUDGET IMPACT

Assessing and protecting the waterfall feature from further deterioration is not anticipated to have a significant impact on the operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$25,000	Prior Years Funding \$25,000	Five Year Plan \$0	REMAINING NEEDED \$0
---------------------------------------	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility

Comprehensive Parks Master Plan



PARKS MASTER PLAN UPDATE

PROJECT NUMBER 9003 **COUNCIL WARD** All Wards
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Provides professional Planning and Design services for Park Master Plan updates. The Master Plan is an essential tool for the Department because it is used to guide decisions and actions. The document supports City and community direction, helps achieve the objectives and policies of the 2025 General Plan, prioritizes projects and resource commitments, and establishes a roadmap to align with City Council goals.

PROJECT STATUS

The project completed and adopted by City Council. Project closeout in progress.

OPERATING BUDGET IMPACT

Updating the parks master plan will not have an impact on the operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$578,000	\$578,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TRAILS MASTER PLAN

PROJECT NUMBER 9091 **COUNCIL WARD** All Wards
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The existing Trails Master Plan was completed in 1996 and should be updated every 10 years or so to adjust for Riverside’s population and built environment growth and changes. The update will include an inventory of trails, analysis, community outreach, site assessments, and route network planning, and standard trail design updates.

PROJECT STATUS

The project has been funded through a grant program and is being completed in collaboration with Public Works and Southern California Association of Government in an overall effort to prepare an Active Transportation Plan (ATP), Pedestrian Target Hardening Plan, and a Complete Streets Ordinance for the City of Riverside. The study is in progress and is anticipated to be completed by the end of 2020.

OPERATING BUDGET IMPACT

Planning only with no operational impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$65,000	\$65,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

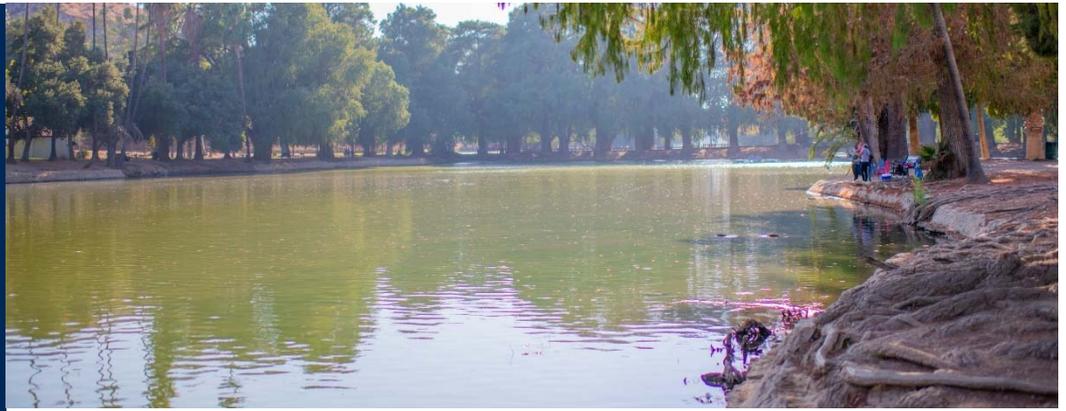


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FAIRMOUNT PARK LAKE EVANS LAKESHORE ACCESS

PROJECT NUMBER 9099 **COUNCIL WARD** 1
PROJECT CATEGORY Parks, Recreation, and Community Services
PROJECT LOCATION Fairmount Park

PROJECT DESCRIPTION

Phase I - Design and Construction of an ADA Accessible Pedestrian Walkway along Dexter Drive from the American Legion (Post 79) to the Isaak Walton Building.

Phase II - Design and Construction of an ADA Accessible Pedestrian Walkway along Dexter Drive from Approximately the Isaak Walton Building to the Redwood Drive Bridge;

Phase III - Design and Construction of an ADA Accessible Pedestrian Walkway and Decking/Railing Expansion along the Redwood Drive Bridge; all phases including Minor Grading, Drainage, Foundation Piles, Lighting, and Furnishing Improvements.

PROJECT STATUS

Partial funding in the amount of \$325,000 will be allocated in 2020/21 from the Regional Fund Account.

OPERATING BUDGET IMPACT

The addition of the Lakeshore Pedestrian Access will not impact the operating budget. Site is currently developed and maintained.

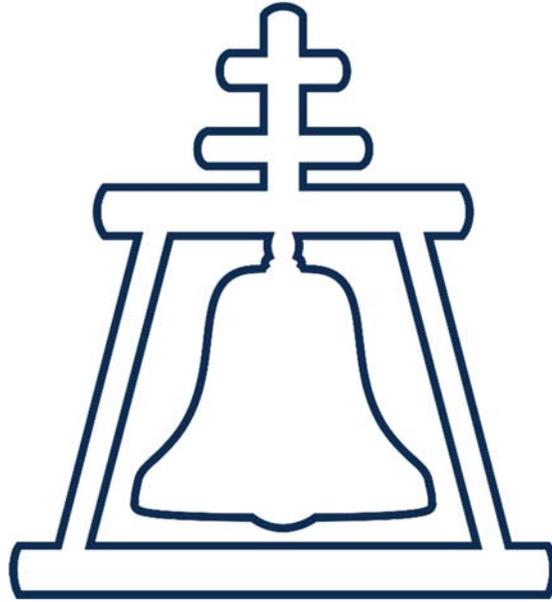
PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$950,000	\$0	\$325,000	\$625,000

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
413	Regional Park Fund	\$325,000	-	-	-	-	\$325,000
TOTAL		\$325,000	\$0	\$0	\$0	\$0	\$325,000

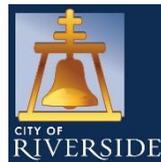




CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

PUBLIC PARKING



Project Category Overview: Public Parking

Introduction

The Public Parking Services Division promotes and maximizes public parking opportunities that contribute to improving the quality of life in residential and commercial areas citywide. This includes administration of contract services for the operation and maintenance of the City's public parking facilities, keeping related equipment functional, and managing the program's sustainability while remaining customer friendly.

One-Year Budget and Five-Year Plan

The downtown area has been growing at a significant rate with developments that attract employment opportunities and community events. The increased local activity has augmented the vehicular and pedestrian use of the parking facilities that has required additional maintenance, security and management costs.

A significant portion of the street sweeping routes throughout the City have not been enforceable while street sweeping signage was being audited and replaced over the last 2 years. The street sweeping signage audit and replacement is expected to be completed in Q2 of FY 2020/21. Due to COVID-19 and the Governor's stay at home orders parking enforcement has been relaxed for citing abandoned vehicles and commercial vehicles parked in residential areas. The reduced citation revenue from street sweeping enforcement and the stay at home order has reduced funding for necessary projects.



Project Highlights:

City Council approved enhancements within the two-year implementation plan on March 21, 2017, which included the replacement of 170 single and 79 multi-space parking meters that have now reached their end of life and/or will no longer meet credit card processing regulations to securely process payments. 79 multi-space parking meters have been ordered and the estimated delivery/installation is scheduled for Q2 of FY 2020/21.

Project Category Overview: Public Parking

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
570	Parking Fund	-	\$770,000	-	-	-	\$770,000
	TOTAL	\$0	\$770,000	\$0	\$0	\$0	\$770,000

Funding for the CIP is derived solely from public parking revenues, which include on and off-street parking, office space leasing, and parking citations.

Recent state legislation (Assembly Bill 503 and Assembly Bill 516) will have a negative effect on parking fine revenues going forward, though the exact amount, yet, is unknown.

- Assembly Bill 503 – now requires cities to offer a payment plan. There are anticipated implementation costs in addition to ongoing administrative costs associated this program.
- Assembly Bill 516 - authorized the DMV to prefund implementation of a new electronic system for dealers to report the sale of vehicles and issuance of temporary licenses. As a result, they have increased their administrative service fee for agencies recording a Notice of Delinquent Parking. This is a per vehicle fee.

The department estimates that a combined loss of \$200,000 over the next five years will be due to increased costs imposed by both legislations.

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Garage Led Lighting Upgrade	-	\$190,000	-	-	-	\$190,000
Structural Upgrades to Garages 1 & 2	-	580,000				\$580,000
TOTAL	\$0	\$770,000	\$0	\$0	\$0	\$770,000

Parking Access and Revenue Control System (PARCS) - Automatically controls the vehicle traffic in and out of the garages and manages the payments. The PARCS has become the highest priority for Parking Services as the existing systems in the parking garages have failed or are failing, are no longer supported by the vendor and are beyond repair. The garages now require attendants to manage the vehicle traffic in and out of the

Project Category Overview: Public Parking

garages. An RFP was issued for the PARCS system and the proposals are currently being evaluated by a panel. Approval to award the PARCS bid to a vendor will be presented to City Council in FY 2020/21.

Replacement of 170 single space parking meters are required as the meters will not be supported by the vendor in one year. The project is under review to determine if multi-space parking meters can provide a cost savings and if the RFP for the 79 multi-space parking meters can be utilized to expedite procurement

Top Unfunded Projects

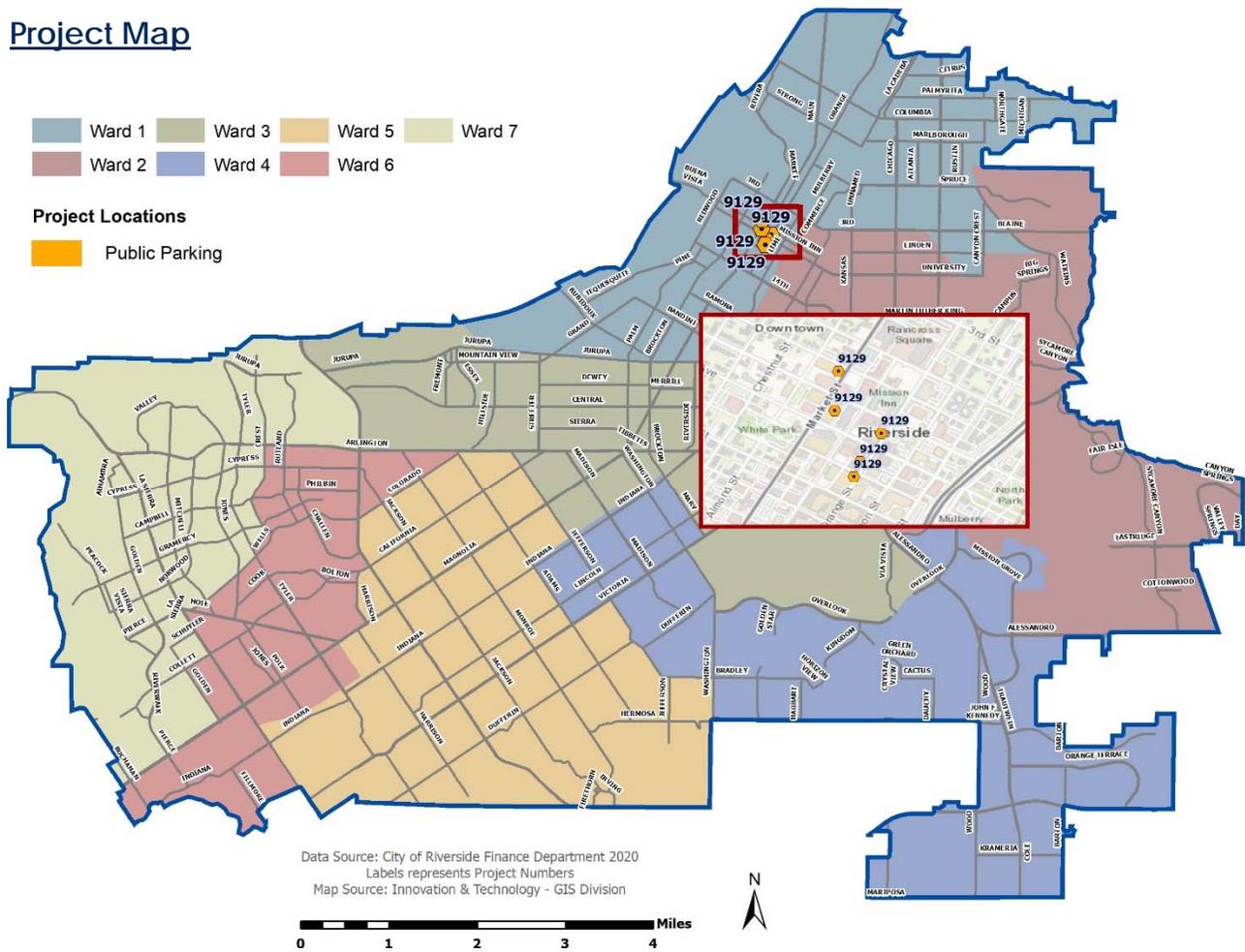
Public Works identified one Capital Project for Public Parking without an identified funding source.

Project Name	Estimated Project Cost	Unfunded Amount
Replace Garages 1 & 2	\$32,000,000	\$32,000,000
TOTAL	\$32,000,000	\$32,000,000



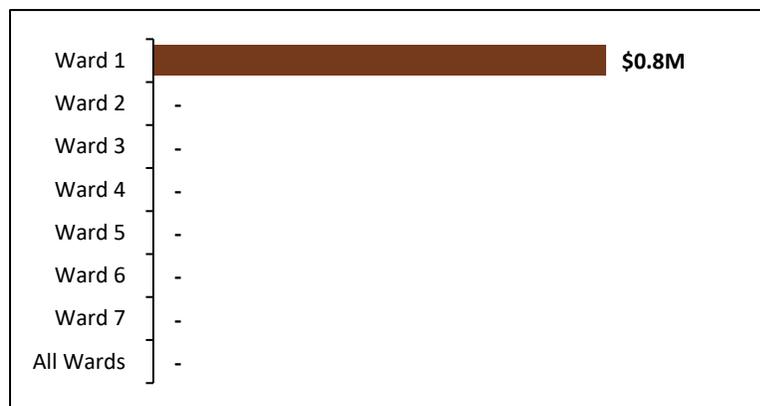
Project Category Overview: Public Parking

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



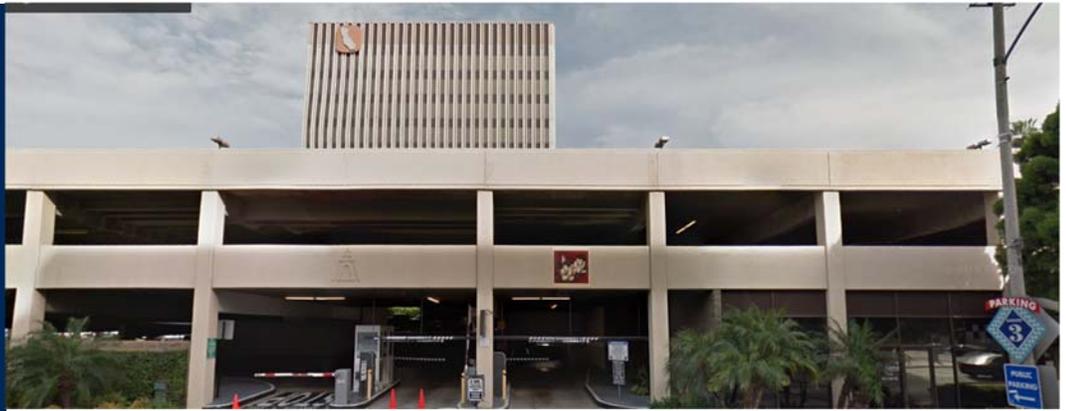
Ward	Five-Year Total
Ward 1	\$770,000
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	-
Total	\$770,000

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PARKING ACCESS REVENUE CONTROL SYSTEM

PROJECT NUMBER 9129 **COUNCIL WARD** 1

PROJECT CATEGORY Public Parking

PROJECT LOCATION Garage 1, Garage 2, Garage 3, Garage 6 and Garage 7

PROJECT DESCRIPTION

The PARCS (Parking Access and Revenue Control System) will be an automated entry/exit control system for each garage. It will provide 24/7 operational capabilities and provide a deterrence to after-hours activity as the entry/exit arms can be kept down. It has the capabilities to charge different rates based upon entry and exit times. It will be able to capture entry/exit data 24/7 for analytical and marketing purposes.

PROJECT STATUS

RFP 1955 has been published and the proposals have been received by March 31, 2020. The Evaluation panel is being established and the evaluation of the proposals are anticipated to begin in August/September 2020.

OPERATING BUDGET IMPACT

Anticipate no additional operational costs above what is currently spent on this equipment.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$2,000,000	\$0	\$2,000,000	\$0

2-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
570	Public Parking Fund	\$1,000,000	\$1,000,000	-	-	-	\$2,000,000
TOTAL		\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,000,000

*Appropriation of funds contingent on fund health post COVID-19 parking structure closures. For planning purposes only. Not included in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GARAGE LED LIGHTING UPGRADE

PROJECT NUMBER 9134 **COUNCIL WARD** 1
PROJECT CATEGORY Public Parking
PROJECT LOCATION 3743, 3851, & 3901 Orange St; 3601 Market St.

PROJECT DESCRIPTION

On March 21, 2017, City Council approved parking rate increases that would be used to fund facility enhancements, including upgrading to LED lighting in all City-owned parking garages.

PROJECT STATUS

Project has been placed on hold as parking inventory has been considered for surplus and investment into these garages may not make financial sense.

OPERATING BUDGET IMPACT

Undetermined savings in electricity costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$190,000	\$0	\$190,000	\$0

2-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
570	Public Parking Fund	-	\$190,000	-	-	-	\$190,000
TOTAL		\$0	\$190,000	\$0	\$0	\$0	\$190,000

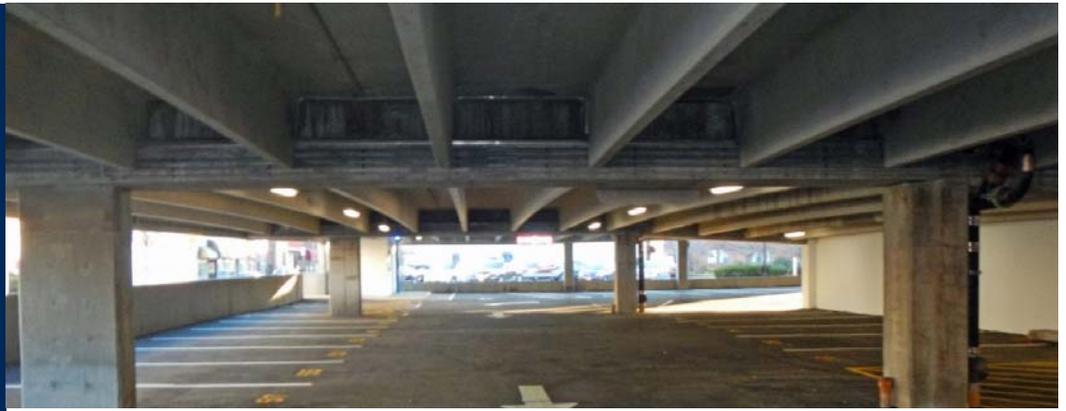


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



STRUCTURAL UPGRADES TO GARAGES 1 & 2

PROJECT NUMBER 9135 COUNCIL WARD 1
 PROJECT CATEGORY Public Parking
 PROJECT LOCATION 3743 & 3851 Orange St.

PROJECT DESCRIPTION

Replace girders, tensioning tendons, and Spalling in Garage 1 and Garage 2 to enhance structural support to aging garage infrastructure.

PROJECT STATUS

No funding is available for repairs and upgrades. Parking inventory is being considered for surplus so financial investments into these facilities do not make sense at the moment and will be evaluated on an ongoing basis.

OPERATING BUDGET IMPACT

Anticipate no additional operational costs above what is currently spent on Garages 1 & 2.

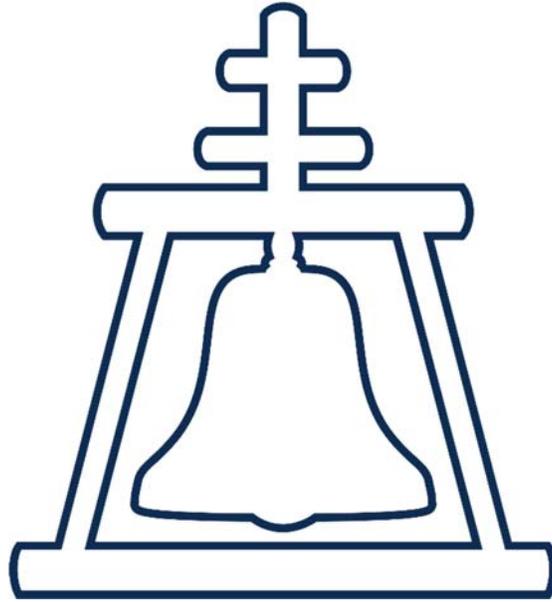
PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$580,000	\$0	\$580,000	\$0

2-YEAR BUDGET AND 5-YEAR PLAN

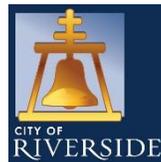
Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
570	Public Parking Fund	-	\$580,000	-	-	-	\$580,000
TOTAL		\$0	\$580,000	\$0	\$0	\$0	\$580,000





CITY OF RIVERSIDE
CAPITAL IMPROVEMENT PROGRAM

RAILROAD-RELATED



Project Category Overview: Railroad-Related

Introduction

Railroad related projects are presented in an individual capital improvement program because of the high priority placed on these projects by the City Council and the complexity of funding for the projects. The five-year capital improvement program for Railroad Related projects totals \$2.4 million. The proposed program is underfunded by \$158.9 million.

Railroad related projects are a City Council priority because the projects promote public safety, enhance quality of life, and economic vitality. 20 at-grade BNSF and Union Pacific main line crossings must be mitigated within the City. The estimated cost of grade separating the 20 at-grade crossings is in excess of \$800 million. The City's program to mitigate the adverse impacts of the at-grade crossings includes a combination of prioritized grade separations, quiet zones to maximize safety, quality of life improvements, and economic vitality benefits at a reduced cost.

The City continues to work to obtain state and federal funds for railroad grade separation and quiet zone projects. The CIP includes the design and construction of two quiet zone projects. The grade separations included are unfunded and one quiet zone is only partially funded in the five-year period of the CIP.

One-Year Budget and Five-Year Plan

The CIP includes the second phase of the Department's grade separation program which is unfunded. The City Council already approved Mary Street, Third Street, Spruce Street, and Jackson Street for concept design and future funding opportunities. Third Street was identified as the City's top priority grade separation and is included as a separate unfunded project in the CIP. A quiet zone for the Union Pacific railroad corridor between Brockton and Palm Avenues is included in the CIP along with a partially funded quiet zone for the BNSF corridor at Mission Inn Avenue, Third Street, and Spruce Street.

Project Highlights:

Union Pacific Quiet Zone – Brockton Avenue and Palm Avenue

The CIP funds the final design, right of way acquisition, and street and rail crossing improvements required to establish a Quiet Zone along the Union Pacific Railroad corridor at the Brockton and Palm Avenue rail crossings. The quiet zone will be established in accordance with the Federal Railroad Administration's (FRA) Final Rule and eliminate the routine sounding of train horns at the rail crossings.

Project Category Overview: Railroad-Related

BNSF Quiet Zone – Mission Inn Avenue, Third Street, and Spruce Street

The concept planning and design of the Mission Inn Avenue, Third Street, and Spruce Street Quiet Zone is funded during the first two years of the CIP. Planned funding for years three to five of the CIP is sufficient to complete project design, right-of- way acquisition, and partially fund the street and grade crossing improvements required for the quiet zone.

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
432	Measure A	\$772,700	788,200	804,000	-	-	\$2,364,900
	TOTAL	\$772,700	\$788,200	\$804,000	\$0	\$0	\$2,364,900

Local funding for the projects is provided by a ten percent allocation of the City’s Local Measure A. Past non-City funding sources for the CIP included state and federal grants and private funds from the railroads.

The complexity of funding sources and high cost per grade separation pose several challenges for the City. Available state and federal grant funding opportunities are limited and very competitive. Major non-City funding sources for grade separation projects have historically included California Public Utilities Commission Section 190 Grade Separation (PUC) funds, federal grants, and private funds from railroads. The State of California’s SB-1 Trade Corridor Enhancement Program provides another potential funding source for grade separations.

Funding from non-City sources may not be available in a timely manner to keep projects moving forward, so the City will need to be prepared to advance millions of dollars to projects in anticipation of reimbursement revenues that may not be available until years after expenditures are made. If any non-City funding sources fail to materialize and alternative funding is not obtained, the City may be faced with allocating significant City resources or delayed projects.

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

Project Category Overview: Railroad-Related

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Railroad						
BNSF Quiet Zone - Mission Inn, 3rd, and Spruce	\$772,700	\$788,200	\$804,000	-	-	\$2,364,900
TOTAL	\$772,700	\$788,200	\$804,000	\$0	\$0	\$2,364,900

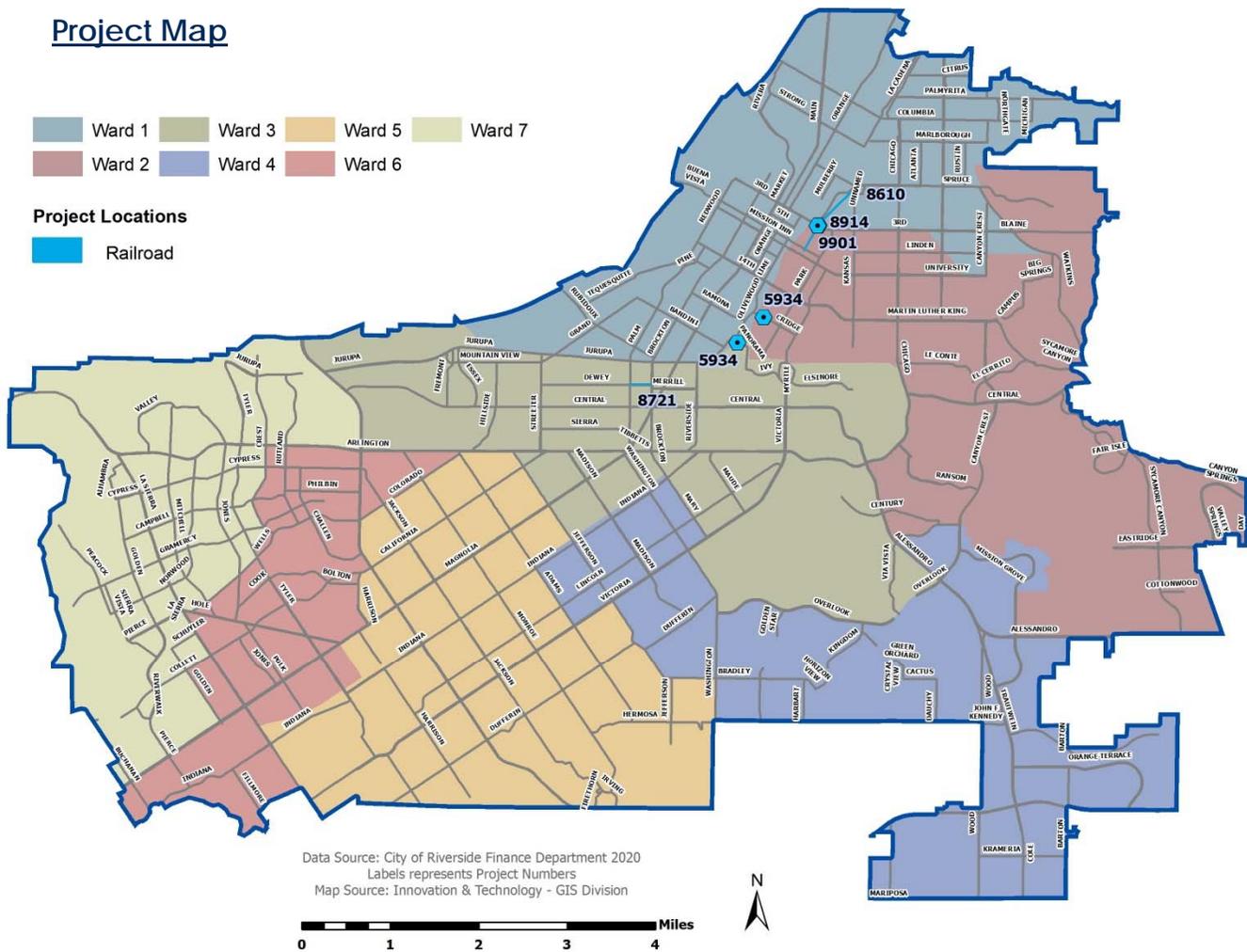
Top Unfunded Projects

Public Works identified two railroad capital projects without an identified funding source.

Project Name	Estimated Project Cost	Unfunded Amount
1. BNSF/Third Street Grade Separation	\$55,500,000	\$49,449,275
2. Phase II Grade Separation Program (Spruce, Jackson and/or Mary)	109,500,000	109,500,000
TOTAL	\$165,000,000	\$158,949,275

Project Category Overview: Railroad-Related

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$-
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	2,364,900
Total	\$2,364,900

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BNSF/UP QUIET ZONE - PANORAMA & CRIDGE

PROJECT NUMBER 5934 **COUNCIL WARD** 1, 2, 3
PROJECT CATEGORY Railroad
PROJECT LOCATION Panorama Road and Cridge Street Highway-Rail crossings

PROJECT DESCRIPTION

This project will eliminate the routine sounding of train horns by establishing Quiet Zones in accordance with the Federal Railroad Administration’s (FRA) Final Rule. The Quiet Zones will be along the Union Pacific (UP) Railroad corridor at Panorama Road and the Burlington Northern Santa Fe (BNSF) Railway corridor at Cridge Street. The project provides for the construction of additional safety improvements consisting of new concrete curb, gutter and sidewalk, tactile strips, directional fencing, warning signs, and grade crossing warning devices at the Panorama Road and Cridge Street highway-rail grade crossings.

PROJECT STATUS

City design is complete. Waiting for BNSF to submit the Construction and Maintenance agreement. This will require Council action. Expect to begin construction in Q3 of FY 2020/21.

OPERATING BUDGET IMPACT

Upon project completion, there will be an annual maintenance cost of approximately \$50,000 per year per crossing required for UP and BNSF to maintain the crossings.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$6,988,733	\$6,988,733	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BNSF QUIET ZONE - MISSION INN, 3RD, & SPRUCE

PROJECT NUMBER 8610 **COUNCIL WARD** 1, 2

PROJECT CATEGORY Railroad

PROJECT LOCATION BNSF Highway-Rail Crossing Mission Inn, 3rd, & Spruce

PROJECT DESCRIPTION

This project will eliminate the routine sounding of train horns along the Burlington Northern Santa Fe (BNSF) Railway corridor between Mission Inn Avenue and Spruce Street by establishing a Quiet Zone in accordance with the Federal Railroad Administration’s (FRA) Final Rule. The project provides for the construction of additional safety improvements consisting of new concrete curb, gutter, and sidewalk, tactile strips, directional fencing, warning signs, and grade crossing warning devices at Mission Inn Avenue, 3rd Street, and Spruce Street highway-rail grade crossings.

PROJECT STATUS

The project is currently in the preliminary engineering phase.

OPERATING BUDGET IMPACT

Upon completion, this project will have an annual maintenance cost of approximately \$50,000 per year per crossing required for BNSF to maintain the crossings.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$3,163,000	\$798,100	\$2,364,900	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A Capital Outlay	\$772,700	\$788,200	\$804,000	-	-	\$2,364,900
TOTAL		\$772,700	\$788,200	\$804,000	\$0	\$0	\$2,364,900



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



UP QUIET ZONE - BROCKTON AND PALM

PROJECT NUMBER 8721 **COUNCIL WARD** 3
PROJECT CATEGORY Railroad
PROJECT LOCATION Brockton Avenue & Palm Avenue Highway-Rail grade crossings

PROJECT DESCRIPTION

This project will eliminate the routine sounding of train horns along the Union Pacific (UP) Railroad corridor at Brockton Avenue and Palm Avenue by establishing a Quiet Zone in accordance with the Federal Railroad Administration’s (FRA) Final Rule. The project provides for the construction of additional safety improvements consisting of new concrete curb, gutter, and sidewalk, raised center medians, tactile strips, warning signs, and grade crossing warning devices at the Brockton Avenue and Palm Avenue highway-rail grade crossings.

PROJECT STATUS

The city design is complete. Waiting for BNSF to submit the Construction and Maintenance agreement. This will require Council action. Expect to begin construction in Q1-2021.

OPERATING BUDGET IMPACT

Upon completion, this project will have an annual maintenance cost of approximately \$50,000 per year per crossing required for UP to maintain the crossings.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$2,288,100	\$2,288,100	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
423	Measure A Capital Outlay	-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BNSF/THIRD STREET RAILROAD CROSSING

PROJECT NUMBER 8914 **COUNCIL WARD** 1, 2
PROJECT CATEGORY Railroad
PROJECT LOCATION Third Street at BNSF Railroad Crossing

PROJECT DESCRIPTION

The project entails the installation of curb, gutter, and sidewalk along with the new concrete crossing panels and warning gates being installed by Burlington Northern Santa Fe (BNSF) at the Third Street/BNSF crossing.

PROJECT STATUS

The project is in the completion phase. Once the final invoicing is complete, the project will be closed.

OPERATING BUDGET IMPACT

There is no anticipated operating budget impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$973,505	\$973,505	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BNSF/THIRD STREET GRADE SEPARATION

PROJECT NUMBER 9901 **COUNCIL WARD** 1, 2
PROJECT CATEGORY Railroad
PROJECT LOCATION 3rd St at the BNSF crossing between Lime St & Park Ave

PROJECT DESCRIPTION

This location is along the Burlington Northern Santa Fe Railroad (BNSF) and the project will reduce traffic congestion by eliminating the at-grade street intersection with the existing railroad lines. The construction of a grade separation will allow for an uninterrupted flow of vehicular traffic either above or below the railroad lines. Work includes the construction of an underpass for Third Street and the BNSF railroad tracks, construction of temporary shoofly tracks, grading, retaining walls, and a multi-track concrete bridge structure to provide a four-lane roadway beneath the tracks.

PROJECT STATUS

The preliminary engineering phase of the project will be complete by December 2020. The final engineering and right-of-way acquisition phase will begin in January 2021 and be complete by December 2022. Construction is expected to begin in July 2023 and be complete by December 2024 pending funding.

OPERATING BUDGET IMPACT

There are no operating budget impacts anticipated when this project is completed.

PROJECT FUNDING OVERVIEW

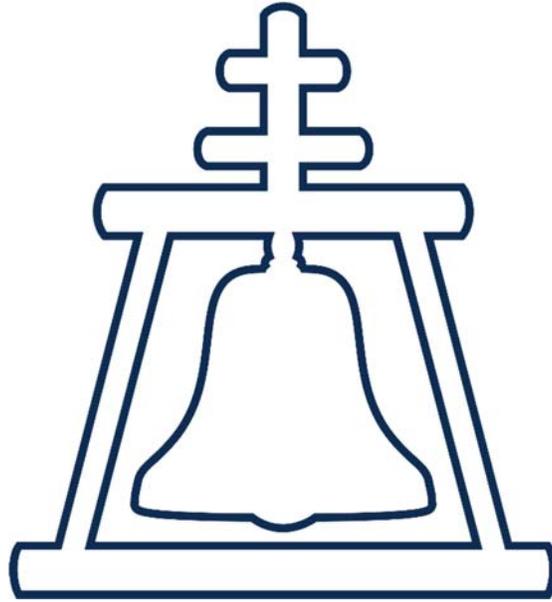
Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$55,500,000	\$5,050,725	\$1,000,000	\$49,449,275

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
434*	Transp. Uniform Mitigation Fee Fund	\$1,000,000	-	-	-	-	\$1,000,000
TOTAL		\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000

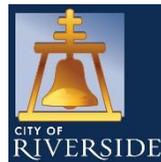
*Appropriation of funds contingent on TUMF award. For planning purposes only. Not included in in other areas of the CIP.





CITY OF RIVERSIDE
CAPITAL IMPROVEMENT PROGRAM

SEWER



Project Category Overview: Sewer

Introduction

The Public Works Department, Wastewater Division, has a staff of approximately 120 that is responsible for the collection and treatment of wastewater for over 93,000 customers within City limits. The wastewater facilities consist of over 800 miles of gravity sewers, 20 wastewater lift stations, and the Riverside Regional Water Quality Control Plant (RWQCP), which has the capacity to treat 46 million gallons per day. Additionally, the RWQCP provides wastewater treatment for the Edgemont, Jurupa, and Rubidoux Community Services Districts, and the unincorporated community of Highgrove.

The CIP for the Sewer Fund is based on the current Wastewater Master Plan and is comprised of three primary areas related to the collection, conveyance, and treatment of sewage. The three areas are:

- Compliance with Federal and State Regulations - Projects in this category keeps the plant and sewer collections system up to date. The RWQCP facility permit to operate is issued by the State Water Resource Control Board and other evolving Federal and State regulatory requirements.
- Treatment Plant Capacity / Replacements / Structures - Projects are designed to increase plant capacity, improve treatment efficiency, reduce system maintenance, and replace infrastructure that has reached its life expectancy.
- Sewer Collection System Projects – These projects complete upgrades to the sewer collection and conveyance system to eliminate the possibility of sanitary sewer overflows, increase capacity, replace deteriorated pipelines and manholes, and provide upgrades to sewer lift/pump stations.

On May 13, 2014, the City Council adopted the Public Works CIP and Rate Development Study (2014 Study). This study included the five-year CIP (FY 2014/15 to FY 2018/19) and is consistent with current anticipated capital needs of the RWQCP and the collection system. City Council adopted a five-year sewer rate structure for the period ending in FY 2018/19 to fund the CIP. On December 19, 2017, the City Council rescinded the FY 2018/19 8.5% sewer service rate increase, so the City enacted the adopted 2014 rate plan from (FY 2014/15 to FY 2017/18).

Project Category Overview: Sewer

One-Year Budget and Five-Year Plan

Funds have been identified and proposed to be added to the following projects in the upcoming five years:

Project Highlights:

Membrane Bioreactor (MBR) Rehabilitation - Installation of an additional 6 million gallons per day (MGD) of MBR wastewater treatment to increase to 32 MGD.

Priority Pipeline Assessment & Repair - This Project concentrates on collecting videos and assessing the condition of sewer pipes that are older than 50 years within the City's service boundary. The Project will also repair, rehabilitate, or replace aging sewer infrastructures--pipelines, manholes, and sewer residential laterals.

RWQCP Rehabilitation Phase II – Perform a Preliminary Design Report for rehabilitation of the activated sludge system and potential to increase Membrane Bio-Reactors (MBR) capacity.

Van Buren Sewer Construction – The project is adding sewer infrastructure from Gamble Avenue to King Avenue since it is within the unincorporated section County of Riverside. The area does not have any public sewer infrastructure in place to provide necessary sewer services. The lack of public sewer services is impeding property and business development along this stretch of Van Buren Boulevard.

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
550	Sewer	\$14,000,000	\$9,000,000	\$10,583,800	\$20,350,600	\$24,698,700	\$78,633,100
	TOTAL	\$14,000,000	\$9,000,000	\$10,583,800	\$20,350,600	\$24,698,700	\$78,633,100

Revenues for the Sewer Fund come from sewer rates from the City's residential and non-residential customers. The Sewer Fund Capital Improvement Program is currently funded by sewer rates through the issuance of bond proceeds.

On December 19, 2017, based on the positive financial position of the Sewer Enterprise Fund presented at the time, City Council rescinded the 8.5% rate increase for the fifth year of the plan (FY 2018/19). With no approved rate increases beyond FY 2017/18, this impacts available funding to complete

Project Category Overview: Sewer

necessary CIP projects. Additionally, there is an increased risk of maintaining required bond debt coverage and the Sewer Fund Bond Rating. Without future rate increases there will be minimal cash funding available for CIP, which will also affect the Sewer Fund Reserve Policy minimum reserve balances.

The 2016 Wastewater Master Plan update project was completed in the fall of 2019. A primary goal of the 2019 Master Plan is to develop a cost of service and sewer rate plan alternatives for the next five-year planning cycle of FY 2021/22 through 2025/26. The 2019 Master Plan recommends the following capital improvements to ensure regulatory compliance, and repair and/or replace aging infrastructure, while providing reliable and cost-effective wastewater service.

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Plant Capacity Replacements						
Upgrade Influent Flow Meters	-	\$500,000	\$5,726,800	-	-	\$6,226,800
WQCP Activated Treatment Rehab	-	-	-	500,000	5,489,200	\$5,989,200
WQCP Daft Rehabilitation	-	-	-	500,000	7,528,800	\$8,028,800
WQCP Digester No. V Rehab	250,000	2,750,000	-	-	-	\$3,000,000
WQCP Electric Switchgear Replacement	150,000	350,000	-	-	-	\$500,000
WQCP Headworks Area Rehabilitation	-	-	500,000	12,142,600	-	\$12,642,600
WQCP HVAC Upgrade Phase II	1,700,000	-	-	-	-	\$1,700,000
WQCP Membrane Bioreactor Rehabilitation	5,000,000	-	-	-	-	\$5,000,000
WQCP Plant II Sludge Pumps I & II Rehabilitation	-	-	-	250,000	2,375,700	\$2,625,700
WQCP Ring Interconnection Pipe	2,000,000	-	-	-	-	\$2,000,000
WQCP SCADA Infrastructure Replacement	-	250,000	-	-	-	\$250,000
WQCP Warehouse Building Replacement	-	100,000	1,400,000	-	-	\$1,500,000
WQCP Wi-Fi Phase II	-	-	-	400,000	-	\$400,000
Total Plant Capacity Replacements	\$9,100,000	\$3,950,000	\$7,626,800	\$13,792,600	\$15,393,700	\$49,863,100
Sewer						

Project Category Overview: Sewer

Arlington Valley Channel Pipe Replacement	-	-	-	\$300,000	\$2,700,000	\$3,000,000
Golden Avenue Sewer Pipe Replacement	-	-	-	60,000	540,000	\$600,000
Pierce St Pump Station Rehabilitation	2,000,000	-	-	-	-	\$2,000,000
Plant II Activated Sludge Rehab - Phase I	50,000	700,000	-	-	-	\$750,000
Priority Pipeline Assessment & Repair	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	\$13,000,000
Sewer Main Replacement – Kmart Lot	-	-	-	85,000	765,000	\$850,000
Sewer Main Replacement – Market St	-	-	25,000	225,000	-	\$250,000
Sewer Main Replacement – Palm & Rubidoux	-	-	75,000	675,000	-	\$750,000
Sewer Main Replacement – Palm Ave	-	-	120,000	1,080,000	-	\$1,200,000
Sewer Main Replacement – Rubidoux Ave	-	-	60,000	540,000	-	\$600,000
Sewer Main Replacement – Rutland Ave	-	-	-	40,000	360,000	\$400,000
Sewer Main Replacement – S.A.R. Trail	-	-	75,000	675,000	-	\$750,000
Sewer Main Replacement – West Rutland Ave	-	-	-	60,000	540,000	\$600,000
Sewer Pipe Expansion – Greenpoint Ave	-	-	2,000	18,000	-	\$20,000
Sewer Pipeline Replacement – Morris St	-	-	-	200,000	1,800,000	\$2,000,000
Western, MLK, & Garden Hill Lift Station Rehab	250,000	1,750,000	-	-	-	\$2,000,000
Total Sewer	\$4,900,000	\$5,050,000	\$2,957,000	\$6,558,000	\$9,305,000	\$28,770,000
TOTAL	\$14,000,000	\$9,000,000	\$10,583,800	\$20,350,600	\$24,698,700	\$78,633,100

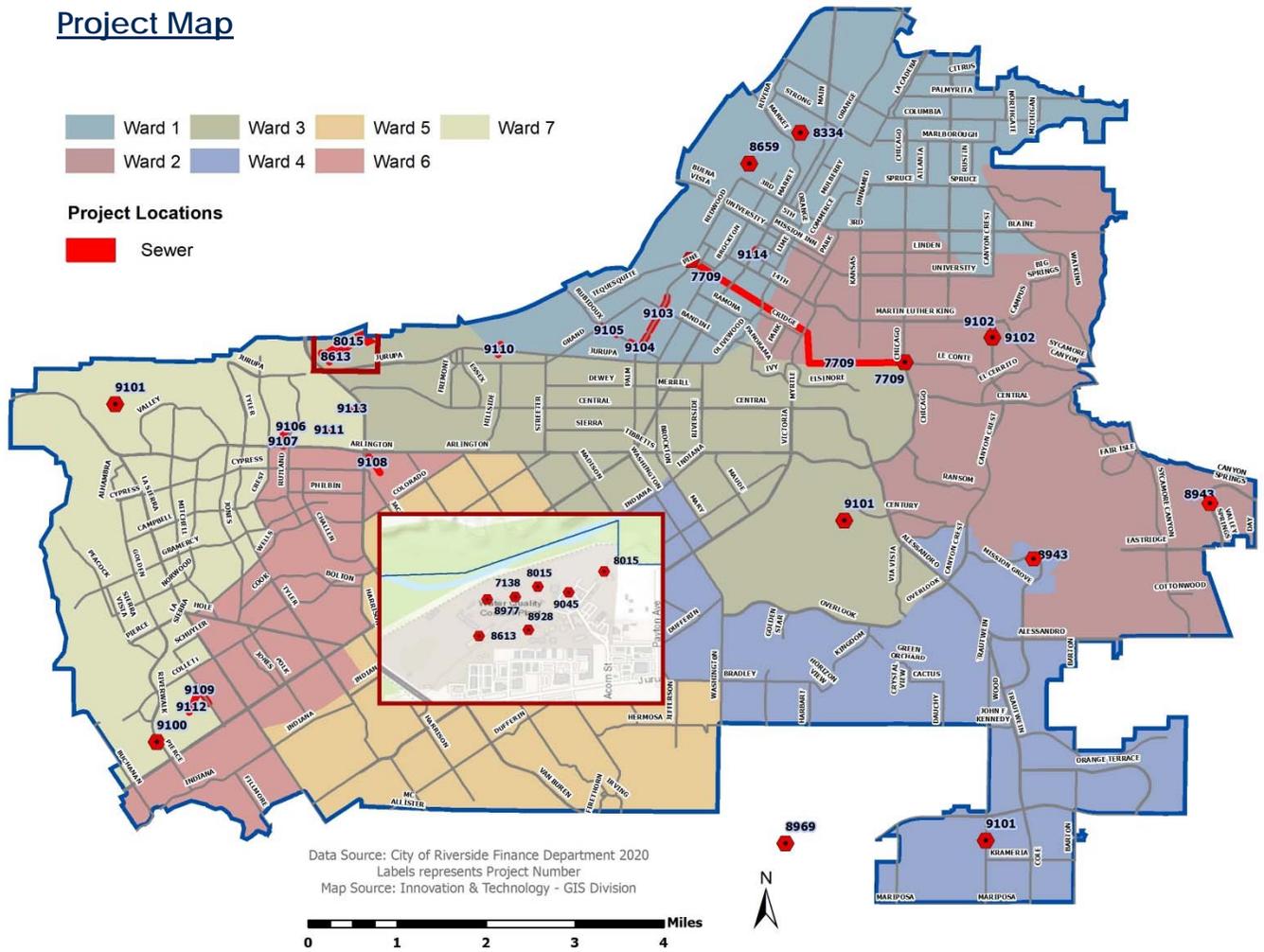
Top Unfunded Projects

Public Works identified eight sewer capital projects without an identified funding source.

Project Name	Estimated Project Cost	Unfunded Amount
1. RWQCP Rehabilitation - Phase II	\$500,000	\$130,837
2. Dexter Wastewater	1,200,000	1,034,593
3. Fairgrounds Wastewater	1,200,000	1,031,396
4. Wastewater Lift Stations	2,000,000	1,715,371
5. Bio-Solids Handling Rehabilitation	2,840,000	364,010
6. Tertiary System Rehab - Phase I	4,850,000	3,739,196
7. Plant II Blower No. II Rehabilitation	1,452,615	405,745
8. Potable/Recycled Water System Pipeline Rehabilitation - Phase II	1,000,000	1,000,000
TOTAL	\$15,042,615	\$9,421,148

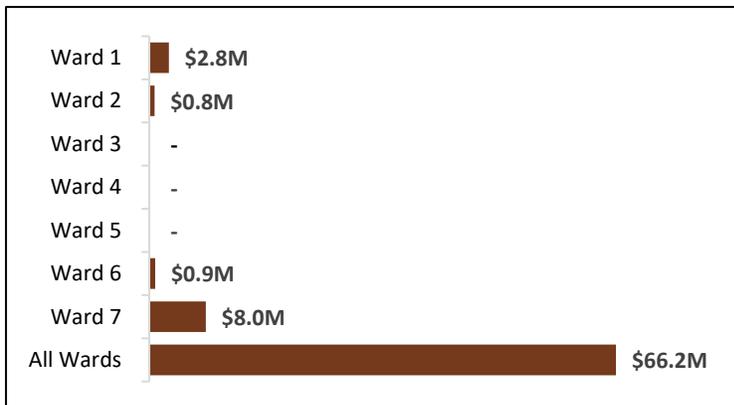
Project Category Overview: Sewer

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$2,800,000
Ward 2	750,000
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	850,000
Ward 7	8,020,000
All Wards	66,213,100
Total	\$78,633,100

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SECONDARY SYSTEM UPGRADES

PROJECT NUMBER 7138 **COUNCIL WARD** 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION 5950 Acorn Street

PROJECT DESCRIPTION

The Work consists of the construction of a new aeration blower facility, upgrading and retrofitting existing aeration basins at Plant 1 and Plant 2 in the City of Riverside Water Quality Control Plant.

PROJECT STATUS

The scope of work was completed for phase 1 of the Secondary System Upgrade. Due to the life cycle of secondary system equipment, phase 2 of the Secondary System upgrade is currently being discussed as part of the 2016 Master Plan.

OPERATING BUDGET IMPACT

As this is an ongoing project to upgrade existing equipment and systems, there will not be additional O&M expenses incurred.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$13,081,551	Five Year Plan \$0	REMAINING NEEDED Ongoing
-------------------------------	-------------------------------------	-----------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TEQUESQUITE/ARROYO TRUNK LINE

PROJECT NUMBER 7709 **COUNCIL WARD** 1
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Phase I: Tequesquite Park, Phase II: Olivewood Avenue

PROJECT DESCRIPTION

The existing pipe was constructed in the 1940s and the 1960s. In 2003, a sewer master plan study was completed, and the sewer model indicated that this stretch of the pipe is under capacity. Replaces the old and undersized 21 to 24-inch sewer mains with 36-inch sewer mains.

PROJECT STATUS

The Tequesquite Arroyo Trunk Sewer Replacement Phase II was completed on 11/18/19. Once final invoices are paid, the project will be closed out.

OPERATING BUDGET IMPACT

Project is upgrading existing pipeline and will not cause an increase to ongoing operating costs once the project is complete.

PROJECT FUNDING OVERVIEW

Total Project Cost \$26,623,446	Prior Years Funding \$26,623,446	Five Year Plan \$0	REMAINING NEEDED \$0
---	--	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



RWQCP REHABILITATION - PHASE II

PROJECT NUMBER 8015 **COUNCIL WARD** 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

The Preliminary Design Report and design of an additional aeration basin for the Membrane Bio-Reactors (MBR), additional MBR train and expand Chlorine Contact Basin 2 that was mandated by the National Pollutant Discharge Elimination System (NPDES) Permit as authorized by the Clean Water Act.

PROJECT STATUS

The Project is currently being used to fund a portion of the Tertiary Project. The contractor has already encumbered \$300,000 for this project.

OPERATING BUDGET IMPACT

The project will not require additional operating impacts as it is intended to rehabilitate an existing system.

PROJECT FUNDING OVERVIEW

Total Project Cost \$500,000	Prior Years Funding \$369,163	Five Year Plan \$0	REMAINING NEEDED \$130,837
--	---	------------------------------	--------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FAIRGROUNDS WASTEWATER

PROJECT NUMBER 8334 **COUNCIL WARD** 1
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION 3991 Fairgrounds Street

PROJECT DESCRIPTION

This sewer lift station serves the industrial and residential areas located at the northwest quadrant of the SR-60 and SR-215 interchange. This project proposes to replace and upgrade the Fairgrounds sewer lift station located at 3991 Fairgrounds Street.

PROJECT STATUS

The project is currently under design.

OPERATING BUDGET IMPACT

Because this is a replacement for an existing infrastructure project, there will be no additional operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,200,000	Prior Years Funding \$168,604	Five Year Plan \$0	REMAINING NEEDED \$1,031,396
--	---	------------------------------	--

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TERTIARY SYSTEM REHAB - PHASE I

PROJECT NUMBER 8613 **COUNCIL WARD** 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

This project is for the rehabilitation of the Tertiary System: replacement troughs, inspections, Tertiary Preliminary Design Report, and replacement media beds to cloth filters.

PROJECT STATUS

This project is currently in the design phase. Going out to bid in early 2020 and is part of the Wastewater Master Plan.

OPERATING BUDGET IMPACT

Project will not require additional operating impacts as it is intended to rehab an existing system.

PROJECT FUNDING OVERVIEW

Total Project Cost \$4,850,000	Prior Years Funding \$1,110,804	Five Year Plan \$0	REMAINING NEEDED \$3,739,196
--	---	------------------------------	--

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DEXTER WASTEWATER

PROJECT NUMBER 8659 **COUNCIL WARD** 1
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION 2981 Dexter Drive

PROJECT DESCRIPTION

The lift station serves approximately 45 single residential homes located next to Lake Evans. This project proposes to replace and upgrade the Dexter sewer pump station located at 2981 Dexter Drive.

PROJECT STATUS

The project is currently under design. Awaiting RFP to post for the design of the project.

OPERATING BUDGET IMPACT

No operating impact. This project is a rehabilitation of existing facilities and will not require additional operation and maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,200,000	Prior Years Funding \$165,407	Five Year Plan \$0	REMAINING NEEDED \$1,034,593
--	---	------------------------------	--

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BIO-SOLIDS HANDLING REHABILITATION

PROJECT NUMBER 8928 **COUNCIL WARD** 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Rehabilitation of the Water Quality Control Plant (WQCP) bio-solids sludge process and building, mandated per National Pollutant Discharge Elimination System (NPDES) Permit authorized by the Clean Water Act.

PROJECT STATUS

Part of Project in Design: Ventilation and Order Control System, Dry Polymer Feed System and Strain Presses. In Planning Stage: Replacement of sludge pumps and motors, Waste Activated (WAS) yard piping, sludge upsizing piping, and painting of exterior of building.

OPERATING BUDGET IMPACT

No operating impact. This project is a rehabilitation of existing facilities and will not require additional operation and maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$2,840,000	\$2,475,990	\$0	\$364,010

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WASTEWATER LIFT STATIONS

PROJECT NUMBER 8943 **COUNCIL WARD** 2, 4
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Various

PROJECT DESCRIPTION

To ensure reliable and uninterrupted sewage services, this project will replace dilapidated mechanical parts, upgrade the electrical, pump control, communication systems, and install electrical components to connect to emergency generator power.

Replacement and upgrading of the:

- Rivercrest Sewer Wastewater Station located at 6013 River Crest Drive
- Lakewood Sewer Wastewater Station located at 6730 Darkwood Drive

PROJECT STATUS

The project is currently under design.

OPERATING BUDGET IMPACT

No additional operating impacts will result from the upgraded wastewater lift stations.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,000,000	Prior Years Funding \$284,629	Five Year Plan \$0	REMAINING NEEDED \$1,715,371
--	---	------------------------------	--

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WOODCREST SEWER CONSTRUCTION – PHASE I

PROJECT NUMBER 8969 **COUNCIL WARD** 4
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Van Buren Boulevard from King Ave. to Wood Rd.

PROJECT DESCRIPTION

The Van Buren Boulevard corridor between Wood Road and King Avenue is within the Woodcrest neighborhood and the City’s sewer service area. The portion between Wood Road and Gamble Avenue is within City limits, and from Gamble Avenue to King Avenue is within unincorporated County of Riverside. The area does not have any public sewer infrastructure in place to provide necessary sewer services. The lack of public sewer services is impeding property and business development along this stretch of Van Buren Boulevard. In addition, many of the properties are struggling with the operation and maintenance of private septic systems.

PROJECT STATUS

The project is currently under design.

OPERATING BUDGET IMPACT

Once the project is completed, the maintenance will be part of the Collection groups regularly scheduled cleaning tasks.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$13,864,169	\$13,864,169	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PLANT II BLOWER NO. II REHABILITATION

PROJECT NUMBER 8977 **COUNCIL WARD** 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION 5950 Acorn Street, WQCP-Blower Building

PROJECT DESCRIPTION

Procure and install by Design/Build Entity one 600 HP dual-core turbo blower, including mechanical, electrical, integration, and structural work.

PROJECT STATUS

Design/Build Entity will begin work once Notice to Proceed is issued.

OPERATING BUDGET IMPACT

This is a rehabilitation and replacement project for parts of an existing blower. No additional costs to operations and maintenance once the equipment is repaired.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,452,615	Prior Years Funding \$1,046,870	Five Year Plan \$0	REMAINING NEEDED \$405,745
--	---	------------------------------	--------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PLANT II ACTIVATED SLUDGE REHAB - PHASE I

PROJECT NUMBER 9045 **COUNCIL WARD** 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Rehabilitation of Plant 2 equipment: valves, pumps, variable-speed motors, electrical and instrumentation panels, ventilation systems, and lighting mandated per National Pollutant Discharge Elimination System (NPDES). Permit authorized by the Clean Water Act.

PROJECT STATUS

Installation of 36" & 42" Plant 2 Primary Clarifier Discharge Line Rehabilitation – Completed Plant 2 Activated Sludge Rehabilitation Sludge Pump Station No.3 Valve Replacement - Completed. Plant 2 Aeration Basins Rehabilitation – Ongoing; draining of two basins to inspect air injectors and log dams.

OPERATING BUDGET IMPACT

Project is for rehabilitation purposes and will not require additional budget to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$650,500	\$650,500	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

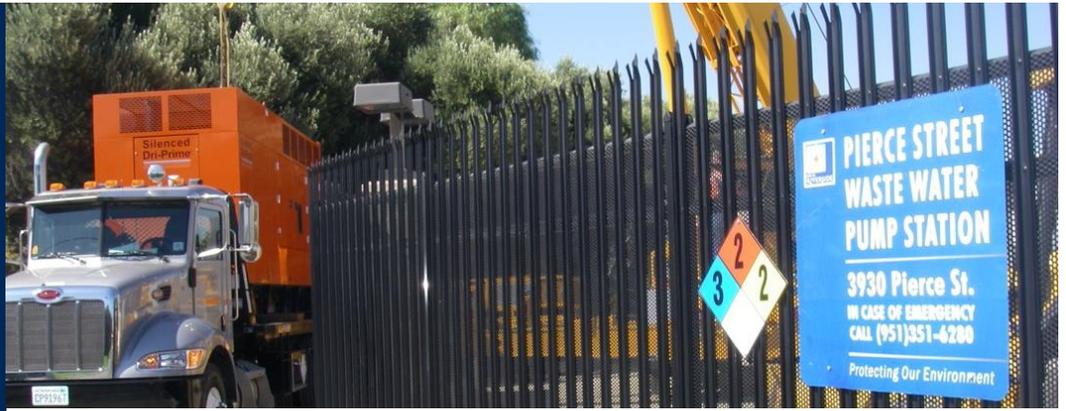


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PIERCE PUMP STREET STATION REHABILITATION

PROJECT NUMBER 9100 **COUNCIL WARD** 7
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Pierce Street & 91 FWY

PROJECT DESCRIPTION
 Rehabilitate the existing Pierce Street Sewer Pump Station.

PROJECT STATUS
 This design for this Project has not been started yet.

OPERATING BUDGET IMPACT
 It is anticipated that once the project is completed, the O&M cost will go down and will not require additional budget to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,000,000	Prior Years Funding \$0	Five Year Plan \$2,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$2,000,000	-	-	-	-	\$2,000,000
TOTAL		\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WESTERN, MLK & GARDEN HILL LIFT STATION REHAB

PROJECT NUMBER 9101 **COUNCIL WARD** 3, 4, 7
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Multiple

PROJECT DESCRIPTION

These three sewer lift stations constantly need repair with their electrical and mechanical components since the equipment is at the end of their service life. This project will rehabilitate the sewer lift stations and replace dilapidated components to ensure reliable services to the residents.

PROJECT STATUS

The design for the Project has not been started yet.

OPERATING BUDGET IMPACT

It is anticipated that once the project is completed, the operating budget will decrease due to newer equipment with longer service life.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,000,000	Prior Years Funding \$0	Five Year Plan \$2,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$250,000	\$1,750,000	-	-	-	\$2,000,000
TOTAL		\$250,000	\$1,750,000	\$0	\$0	\$0	\$2,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ELIMINATION OF UNIVERSITY KNOLLS PUMP STATION

PROJECT NUMBER 9102 **COUNCIL WARD** 2
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION 899 N. University Drive

PROJECT DESCRIPTION

This Project proposes to construct approximately 2,400 LF of sewer main to eliminate an existing sewer lift station located at 899 N University Dr. (University Knoll sewer lift station).

PROJECT STATUS

Project has not started.

OPERATING BUDGET IMPACT

It is anticipated that there will be savings to the operating budget once the project is completed since maintenance costs for a sewer lift station is greater than the maintenance of sewer gravity mains.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$750,000	\$0	\$750,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$50,000	\$700,000	-	-	-	\$750,000
TOTAL		\$50,000	\$700,000	\$0	\$0	\$0	\$750,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – PALM AVE

PROJECT NUMBER 9103 **COUNCIL WARD** 1
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Palm Avenue; Beechwood Place to Edgewood Place

PROJECT DESCRIPTION

This Project proposes to replace approximately 2,640 feet of an existing 10-inch diameter pipeline with a 12-inch diameter pipeline. The existing pipe is currently under-capacity.

PROJECT STATUS

Project has not started.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,200,000	Prior Years Funding \$0	Five Year Plan \$1,200,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$120,000	\$1,080,000	-	\$1,200,000
TOTAL		\$0	\$0	\$120,000	\$1,080,000	\$0	\$1,200,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – PALM & RUBIDOUX

PROJECT NUMBER 9104 **COUNCIL WARD** 1
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Palm Ave and Rubidoux Ave

PROJECT DESCRIPTION

This Project proposes to replace approximately 1,500 feet of an existing 12-inch diameter sewer pipe with a 15-inch sewer pipe along Palm Ave. and Rubidoux Ave, from Brentwood Ave to Rubidoux Ave and from Palm Ave. to 210-feet northwest of Virginia Place. The existing pipe is under capacity.

PROJECT STATUS

This Project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$750,000	Prior Years Funding \$0	Five Year Plan \$750,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$75,000	\$675,000	-	\$750,000
TOTAL		\$0	\$0	\$75,000	\$675,000	\$0	\$750,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – RUBIDOUX AVE

PROJECT NUMBER 9105 COUNCIL WARD 1
 PROJECT CATEGORY Sanitary Sewer System
 PROJECT LOCATION Rubidoux Ave between Northview Pl and Grand Ave

PROJECT DESCRIPTION

This project proposes to replace approximately 1,010 feet of an existing 15-inch diameter sewer pipeline with an 18-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This Project has not started yet and is part of the Wastewater Master Plan.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$600,000	\$0	\$600,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$60,000	\$540,000	-	\$600,000
TOTAL		\$0	\$0	\$60,000	\$540,000	\$0	\$600,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – RUTLAND AVE

PROJECT NUMBER 9106 **COUNCIL WARD** 7
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION West of Rutland Ave from Arlington Ave to Penny Dr

PROJECT DESCRIPTION

This project proposes to replace approximately 650 feet of an existing 15-inch diameter sewer pipeline with an 18-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This Project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$400,000	Prior Years Funding \$0	Five Year Plan \$400,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$40,000	\$360,000	\$400,000
TOTAL		\$0	\$0	\$0	\$40,000	\$360,000	\$400,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – WEST RUTLAND AVE

PROJECT NUMBER 9107 **COUNCIL WARD** 7
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION West of Rutland Ave from Penny Dr to Bruce Ave

PROJECT DESCRIPTION

This project proposes to replace approximately 790 feet of an existing 15-inch diameter sewer pipeline with a 21-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$600,000	Prior Years Funding \$0	Five Year Plan \$600,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$60,000	\$540,000	\$600,000
TOTAL		\$0	\$0	\$0	\$60,000	\$540,000	\$600,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – KMART LOT

PROJECT NUMBER 9108 **COUNCIL WARD** 6
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Monticello Ave; from Pembroke Ave to Arlington Ave

PROJECT DESCRIPTION

This project proposes to replace approximately 1,530 feet of an existing 12-inch diameter sewer pipeline with an 18-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$850,000	Prior Years Funding \$0	Five Year Plan \$850,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$85,000	\$765,000	\$850,000
TOTAL		\$0	\$0	\$0	\$85,000	\$765,000	\$850,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



GOLDEN AVENUE SEWER PIPE REPLACEMENT

PROJECT NUMBER 9109 **COUNCIL WARD** 6, 7

PROJECT CATEGORY Sanitary Sewer System

PROJECT LOCATION Golden between Cochran and Arlington Valley Channel

PROJECT DESCRIPTION

This project proposes to replace approximately 970 feet of an existing 12-inch diameter sewer pipeline with an 18-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$600,000	Prior Years Funding \$0	Five Year Plan \$600,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$60,000	\$540,000	\$600,000
TOTAL		\$0	\$0	\$0	\$60,000	\$540,000	\$600,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – S.A.R. TRAIL

PROJECT NUMBER 9110 **COUNCIL WARD** 1, 3
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION North of Mtn View Ave to Santa Ana River Trail

PROJECT DESCRIPTION

This project proposes to replace approximately 770 feet of an existing 24-inch diameter sewer pipeline with a 27-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$750,000	Prior Years Funding \$0	Five Year Plan \$750,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$75,000	\$675,000	-	\$750,000
TOTAL		\$0	\$0	\$75,000	\$675,000	\$0	\$750,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER PIPE EXPANSION – GREENPOINT AVE

PROJECT NUMBER 9111 COUNCIL WARD 7
 PROJECT CATEGORY Sanitary Sewer System
 PROJECT LOCATION South of Green Point Ave and Geranium Pl

PROJECT DESCRIPTION

This project proposes to install 10 feet of 24-inch diameter sewer pipeline to mitigate surcharge in an existing 18-inch diameter pipeline under peak flow conditions.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$20,000	Prior Years Funding \$0	Five Year Plan \$20,000	REMAINING NEEDED \$0
--------------------------------	----------------------------	----------------------------	---------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$2,000	\$18,000	-	\$20,000
TOTAL		\$0	\$0	\$2,000	\$18,000	\$0	\$20,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ARLINGTON VALLEY CHANNEL PIPE REPLACEMENT

PROJECT NUMBER 9112 **COUNCIL WARD** 7
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Arlington Valley Channel between Golden Ave and Waterwell

PROJECT DESCRIPTION

This project proposes to replace approximately 2,430 feet of an existing 27-inch diameter sewer pipeline with a 33-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$3,000,000	Prior Years Funding \$0	Five Year Plan \$3,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$300,000	\$2,700,000	\$3,000,000
TOTAL		\$0	\$0	\$0	\$300,000	\$2,700,000	\$3,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER PIPELINE REPLACEMENT – MORRIS ST

PROJECT NUMBER 9113 **COUNCIL WARD** 7
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Along Morris St; from Van Buren Blvd to Doolittle Ave

PROJECT DESCRIPTION

This project proposes to replace approximately 1,490 feet of an existing 33-inch diameter sewer pipeline with a 42-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,000,000	Prior Years Funding \$0	Five Year Plan \$2,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$200,000	\$1,800,000	\$2,000,000
TOTAL		\$0	\$0	\$0	\$200,000	\$1,800,000	\$2,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEWER MAIN REPLACEMENT – MARKET ST

PROJECT NUMBER 9114 COUNCIL WARD 1
 PROJECT CATEGORY Sanitary Sewer System
 PROJECT LOCATION Market St between 11th and 12th St

PROJECT DESCRIPTION

This project proposes to replace approximately 380 feet of an existing 12-inch diameter sewer pipeline with an 18-inch diameter pipeline. The existing pipe is currently under capacity.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$250,000	\$0	\$250,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$25,000	\$225,000	-	\$250,000
TOTAL		\$0	\$0	\$25,000	\$225,000	\$0	\$250,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PRIORITY PIPELINE ASSESSMENT & REPAIR

PROJECT NUMBER 9115 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This project concentrates on collecting videos and assessing the condition of sewer pipes that are older than 50 years within the City's service boundary. The Project will also repair, rehabilitate, or replace aging sewer infrastructures--pipelines, manholes, and sewer residential laterals.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

It is anticipated that the operating cost will be lowered once the project is implemented since less effort is needed to maintain newer facilities.

PROJECT FUNDING OVERVIEW

Total Project Cost \$13,000,000	Prior Years Funding \$0	Five Year Plan \$13,000,000	REMAINING NEEDED \$0
---	-----------------------------------	---------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$2,600,000	\$2,600,000	\$2,600,000	\$2,600,000	\$2,600,000	\$13,000,000
TOTAL		\$2,600,000	\$2,600,000	\$2,600,000	\$2,600,000	\$2,600,000	\$13,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



UPGRADE FLOW-METERS TO MAG-METERS

PROJECT NUMBER 9116 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Installation of three (3) Electromagnetic (mag) flow meters in the following trunk sewer lines to replace Flo-Dar meters; Acorn, Arlanza, and Santa Ana. The Acorn sewer line will be 16-inch diameter mag meter, the Arlanza will be a 36-inch diameter mag meter and the Santa Ana sewer line will be a 36-inch mag meter. Construction will be onsite of the WQCP.

PROJECT STATUS

Design funding is set for the fiscal year 2021/2022 by Council. Request for Proposals for design will go out late summer of 2021 and design to begin in the late winter of 2021. Funding for construction will be in the fiscal year 2022/2023. Bidding for construction will begin in mid-summer of 2022 and construction to begin in the summer of 2023.

OPERATING BUDGET IMPACT

There is no estimated ongoing operating budgetary impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$6,226,800	Prior Years Funding \$0	Five Year Plan \$6,226,800	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	\$500,000	\$5,726,800	-	-	\$6,226,800
TOTAL		\$0	\$500,000	\$5,726,800	\$0	\$0	\$6,226,800

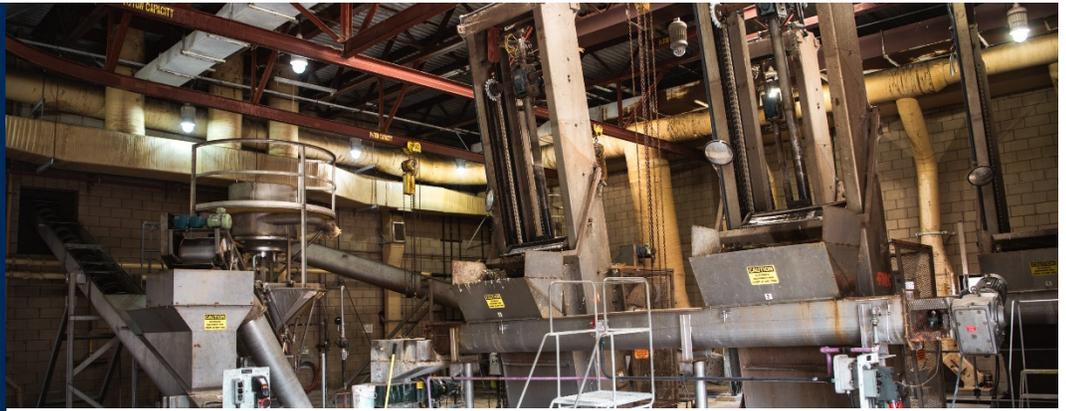


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP HEADWORKS AREA REHABILITATION

PROJECT NUMBER 9117 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

The current headworks area at the RWQCP was constructed in 1999 and consists of the screening room, blower room, electrical room, grit chambers, and grit pumping room. The headworks area has not received a major mechanical rehabilitation since its construction and there are varying levels of deterioration for the mechanical components within this process area. The grit chambers and grit pumping room underwent a condition assessment in 2017. The findings recommended the replacement of mechanical equipment. The project is identified in the June 2019 update of the Integrated Sewer Master, Volume 7.

PROJECT STATUS

Design to begin in the Winter of 2022 and construction to begin in the Spring of 2023.

OPERATING BUDGET IMPACT

Unknown at the present time. Will be evaluated upon completion and is expected to be absorbed in the future maintenance budget.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$12,642,600	\$0	\$12,642,600	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	\$500,000	\$12,142,600	-	\$12,642,600
TOTAL		\$0	\$0	\$500,000	\$12,142,600	\$0	\$12,642,600



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP ACTIVATED TREATMENT TRAIN REHAB

PROJECT NUMBER 9118 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Project requires the replacement of the membrane diffusers and the redwood baffles with FRP baffles, repairs on the aeration basin, replace corroded conduits, boxes, and conduit clamps with stainless steel parts, replace side-mounted railings with top-mounted railings, repair cracks, and spalls in the concrete walkways, the implementation of an aeration basin concrete structure condition assessment, the installation of motorized operators on gates and control valves for additional automatic control for the aeration basin. (FI-09) - This project requires the replacement of the floating mixers. (FI-10) - This project requires: the replacement of the VFDs and MCCs, the replacement or repair of the corroded roof members near the roof leak, the removal of the abandoned WAS pumps, the replacement of the drain pump.

PROJECT STATUS

The design will begin in the Fall of 2023 and construction to begin in the Summer of 2024.

OPERATING BUDGET IMPACT

Unknown at the present time. Will be evaluated upon completion and will be absorbed in the maintenance budget.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$5,989,200	\$0	\$5,989,200	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$500,000	\$5,489,200	\$5,989,200
TOTAL		\$0	\$0	\$0	\$500,000	\$5,489,200	\$5,989,200



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP PLANT II SLUDGE PUMPS I & II REHAB

PROJECT NUMBER 9119 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Rehabilitation of Plant 2 equipment: valves, pumps, variable-speed motors, electrical and instrumentation panels, ventilation systems, and lighting mandated per National Pollutant Discharge Elimination System (NPDES). Permit authorized by the Clean Water Act.

PROJECT STATUS

Design to begin in Fall 2023 and construction in late Fall of 2024.

OPERATING BUDGET IMPACT

Unknown at the present time. Will be evaluated upon completion and will be absorbed in the maintenance budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,625,700	Prior Years Funding \$0	Five Year Plan \$2,625,700	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$250,000	\$2,375,700	\$2,625,700
TOTAL		\$0	\$0	\$0	\$250,000	\$2,375,700	\$2,625,700



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP DAFT REHABILITATION

PROJECT NUMBER 9120 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

This project requires waste activated sludge thickening equipment to be installed inside the existing dewatering building, complete rehabilitation of DAFT No.2, the implementation of seismic evaluation of the Dissolved Air Flotation Thickeners (DAFT) mechanism connections; (4) demolition of abandoned equipment and of unused pump pads, the removal of the unused chemical tank, the upgrade of the ventilation system to allow to declassify the electrical room, the installation of a cover for the DAF tanks, the replacement of the DAF No. 1 drive, the replacement of the polymer pumping systems, the addition of LED lights and replacement of the windows and doors of the building.

PROJECT STATUS

Design to begin in Winter 2023 and construction in late 2024.

OPERATING BUDGET IMPACT

Unknown at the present time. Will be evaluated upon completion and will be absorbed in the maintenance budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$8,028,800	Prior Years Funding \$0	Five Year Plan \$8,028,800	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$500,000	\$7,528,800	\$8,028,800
TOTAL		\$0	\$0	\$0	\$500,000	\$7,528,800	\$8,028,800



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP MEMBRANE BIOREACTOR REHABILITATION

PROJECT NUMBER 9121 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Installation of an additional 6 million gallons per day (MGD) of Membrane Bioreactors (MBR) wastewater treatment. MBR treatment to increase to 32 MGD. Existing MBR's are manufactured from Suez Water Technology and Solutions as part of the WQCP Rehabilitation and Expansion Project.

PROJECT STATUS

Summer of 2020 will finalize negotiations of the agreement with Suez for an additional 6 MGD of MBR's. Spring of 2021 installation of MBR's.

OPERATING BUDGET IMPACT

Project is for rehabilitation purposes and will not require additional budget to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost \$5,000,000	Prior Years Funding \$0	Five Year Plan \$5,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$5,000,000	-	-	-	-	\$5,000,000
TOTAL		\$5,000,000	\$0	\$0	\$0	\$0	\$5,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP HVAC UPGRADE PHASE II

PROJECT NUMBER 9122 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Installation of ducting, heating and cooling control systems, sensors, air handling units (motors and blowers) inside the WQCP Administration/Laboratory Building.

PROJECT STATUS

The design of the project will begin in in Summer of 2020. Construction to begin in late 2020 and completion in early 2021.

OPERATING BUDGET IMPACT

The post-installation impact is unknown at the time but should be lower from gained efficiencies with the new equipment.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,700,000	Prior Years Funding \$0	Five Year Plan \$1,700,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$1,700,000	-	-	-	-	\$1,700,000
TOTAL		\$1,700,000	\$0	\$0	\$0	\$0	\$1,700,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP WAREHOUSE BUILDING REPLACEMENT

PROJECT NUMBER 9123 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Warehouse and Storage Building Replacement - Currently, the WQCP is using two old concrete digesters that were built in the 1940s that were converted to a warehouse more than thirty years ago. Also, there exists no storage cover to protect the WQCP and Collection System portable pumps, generators, equipment, and materials. They are susceptible to outside elements. The WQCP and Collections Section will need a combined warehouse and storage facility.

PROJECT STATUS

Design to begin in the Winter of 2021 and construction to begin in the Summer of 2022.

OPERATING BUDGET IMPACT

Once completed, the building will require minimal upkeep and will be absorbed in the current budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,500,000	Prior Years Funding \$0	Five Year Plan \$1,500,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	\$100,000	\$1,400,000	-	-	\$1,500,000
TOTAL		\$0	\$100,000	\$1,400,000	\$0	\$0	\$1,500,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP DIGESTER NO. V REHABILITATION

PROJECT NUMBER 9124 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

The Public Works Department is implementing a Renewable Resource Management Plan to address regulatory compliance and City sustainability efforts. The existing Digester #5 is not being used. New recycling regulations require the City to divert food waste from landfill disposal. The project will allow the Digester to be rehabilitated to treat food waste and organic matter for regulatory food waste regulations.

PROJECT STATUS

Design to begin in the Fall of 2020 and construction to begin in Spring 2021.

OPERATING BUDGET IMPACT

The project is for rehabilitation purposes and will not require additional budget to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost \$3,000,000	Prior Years Funding \$0	Five Year Plan \$3,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$250,000	\$2,750,000	-	-	-	\$3,000,000
TOTAL		\$250,000	\$2,750,000	\$0	\$0	\$0	\$3,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP RING INTERCONNECTION PIPE

PROJECT NUMBER 9125 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Installation of digester gas clean-up equipment and piping to injection point to Southern California Gas Company Natural Gas transmission main. Bio-methane will be converted to near quality natural gas to be injected into the Southern California Gas Company natural gas transmission main.

PROJECT STATUS

Design to begin in the Fall of 2020 and construction to begin in Winter 2021.

OPERATING BUDGET IMPACT

The project will require little to no maintenance once completed.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,000,000	Prior Years Funding \$0	Five Year Plan \$2,000,000	REMAINING NEEDED \$0
--	-----------------------------------	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$2,000,000	-	-	-	-	\$2,000,000
TOTAL		\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP ELECTRIC SWITCHGEAR REPLACEMENT

PROJECT NUMBER 9126 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Electrical Switchgear Upgrade and Power Outage Project Study and Rehabilitation Project - Project will review and recommend the rehabilitation/replacement of the backbone 12kV electrical system, high voltage switchgear, and equipment of the WQCP. The study will also recommend any electrical scheme changes during a power outage.

PROJECT STATUS

Study to begin in the Fall of 2021 and any recommended work to begin in early 2022.

OPERATING BUDGET IMPACT

Project is for rehabilitation purposes and will not require additional budget to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost \$500,000	Prior Years Funding \$0	Five Year Plan \$500,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	\$150,000	\$350,000	-	-	-	\$500,000
TOTAL		\$150,000	\$350,000	\$0	\$0	\$0	\$500,000

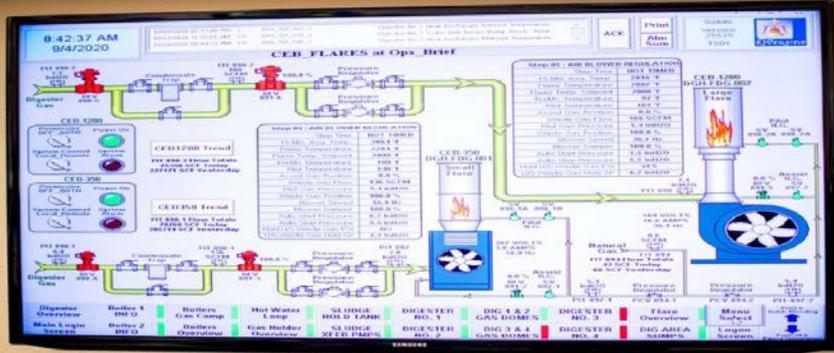


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP SCADA INFRASTRUCTURE REPLACEMENT

PROJECT NUMBER 9127 **COUNCIL WARD** All Wards
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Supervisory Control and Data Acquisition (SCADA) - A control system architecture comprising of computers, networked data communications and graphical user interfaces (GUI) for high-level process supervisory management, while also comprising other peripheral devices like programmable logic controllers (PLC). Within the plant and outside sewer lift stations throughout the City, the SCADA system is used to monitor and control equipment.

PROJECT STATUS

Study to begin in late Summer of 2021 and end in early 2022.

OPERATING BUDGET IMPACT

Project is for rehabilitation purposes and will not require additional budget to maintain.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$250,000	\$0	\$250,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	\$250,000	-	-	-	\$250,000
TOTAL		\$0	\$250,000	\$0	\$0	\$0	\$250,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WQCP WIFI PHASE II

PROJECT NUMBER 9128 **COUNCIL WARD** Citywide
PROJECT CATEGORY Sanitary Sewer System
PROJECT LOCATION Water Quality Control Plant (WQCP)

PROJECT DESCRIPTION

Phase II - Install new infrastructure (fiber, access points, and switches) to support WIFI at the WQCP.

PROJECT STATUS

Design to begin in the late summer of 2023 and construction to begin in early 2024.

OPERATING BUDGET IMPACT

Project is for rehabilitation purposes and will not require additional budget to maintain.

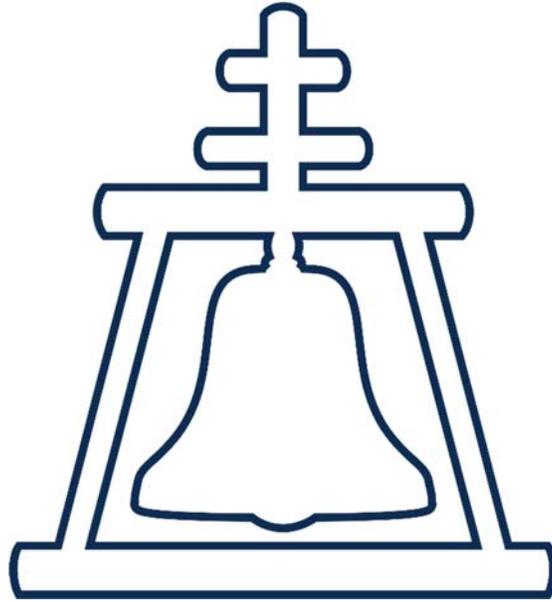
PROJECT FUNDING OVERVIEW

Total Project Cost \$400,000	Prior Years Funding \$0	Five Year Plan \$400,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

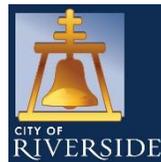
Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
550	Sewer	-	-	-	\$400,000	-	\$400,000
TOTAL		\$0	\$0	\$0	\$400,000	\$0	\$400,000





CITY OF RIVERSIDE
CAPITAL IMPROVEMENT PROGRAM

STORM DRAIN



Project Category Overview: Storm Drain

Introduction

The Storm Drain section of the Public Works department maintains the City's drainage systems in order to facilitate a clean and healthy environment and to assist in the prevention of flooding conditions.

One-Year Budget and Five-Year Plan

The five-year Capital Improvement Program for the Storm Drain Fund totals \$1.05 million. Storm drain improvement projects are prioritized in a manner that ensures installation of drainage improvements in concert with street improvement projects, in coordination with Riverside County Flood Control District projects, and in support of economic development projects.



Project Highlights:

The five-year Capital Improvement Program for the Storm Drain Fund totals \$1.05 million. Storm drain improvement projects are prioritized in a manner that ensures installation of drainage improvements in concert with street improvement projects, in coordination with Riverside County Flood Control District projects, and in support of economic development projects.

Monroe Storm Drain Project: This project will add another 18 inches to the existing 72-inch diameter pipe and catch basins/inlet structures within street right-of-way to capture run-off from the green belt area.

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
230	Gas Tax	\$550,000	-	-	-	-	\$550,000
410	Storm Drain DIF	100,000	100,000	100,000	100,000	100,000	\$500,000
	TOTAL	\$650,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,050,000

Storm drain capital improvements are funded out of the Storm Drain Fund, established by Section 16.08.050 of the Riverside Municipal Code. The revenues are derived from storm drain development impact fees (DIF)

Project Category Overview: Storm Drain

collected with the issuance of building permits. The City's storm drain needs outweigh the available funding sources at this point.

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Storm Drains						
Miscellaneous Storm Drain Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Sierra Street Storm Drain Improvements	450,000	-	-	-	-	\$450,000
Van Buren Blvd Pump Station Rehab	100,000	-	-	-	-	\$100,000
TOTAL	\$650,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,050,000

Top Unfunded Projects

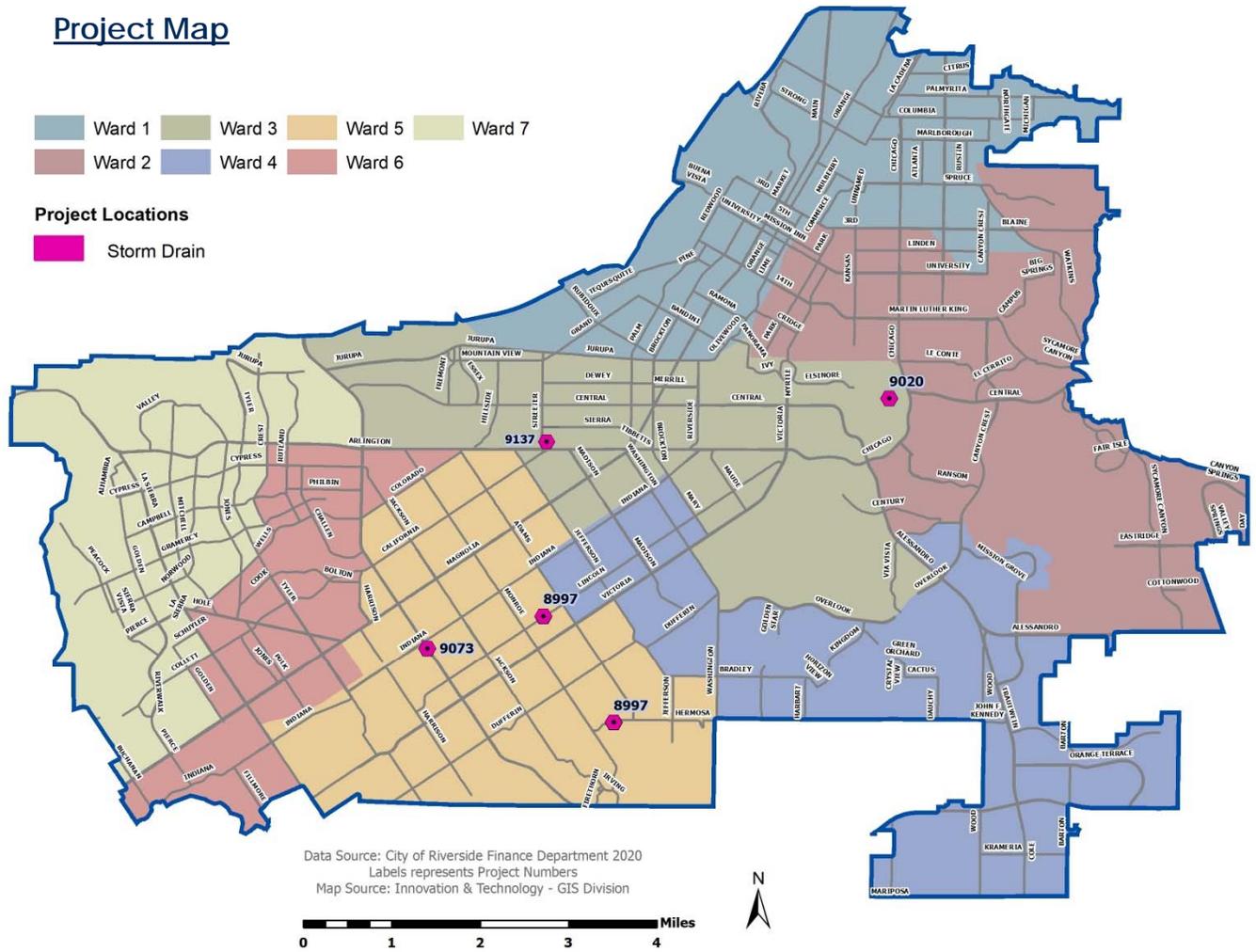
Public Works identified three storm drain capital projects without an identified funding source.

Project Name	Estimated Project Cost	Unfunded Amount
1. North Orange St Storm Drain Project	\$150,000	\$150,000
2. Cypress Ave Storm Drain Project	1,250,000	1,250,000
3. Fourteenth St Underpass Pump Station Project	3,200,000	3,200,000
TOTAL	\$4,600,000	\$4,600,000



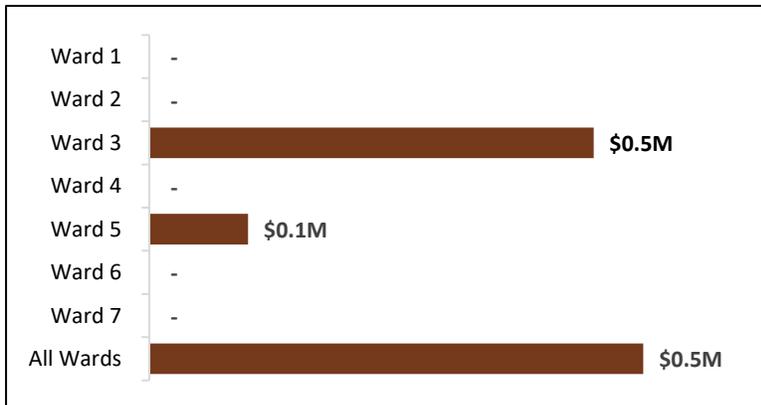
Project Category Overview: Storm Drain

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$-
Ward 2	-
Ward 3	450,000
Ward 4	-
Ward 5	100,000
Ward 6	-
Ward 7	-
All Wards	500,000
Total	\$1,050,000

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MISCELLANEOUS STORM DRAIN CONSTRUCTION

PROJECT NUMBER 7001 **COUNCIL WARD** All Wards
PROJECT CATEGORY Storm Drain System
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

City funds are allocated to allow for City staff to work on various projects, issues, and concerns that present themselves during the year. The project also includes removal and replacement of drainage pipe, culverts, inlet and outlet structures, v-ditch, asphalt/earthen swale, catch basins, curbs, gutters, and cross-gutters to provide proper drainage and avoid flooding.

PROJECT STATUS

The Storm Drain section of the Public Works Department continuously maintains the City's drainage system in order to facilitate a clean and healthy environment and to assist in the prevention of flooding conditions in a prioritized manner.

OPERATING BUDGET IMPACT

This is an ongoing project to maintain the City's Storm Drain System. There are no operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$785,731	Five Year Plan \$500,000	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
410	Storm Drain DIF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
TOTAL		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MONROE STORM DRAIN PROJECT (Lines E2, E3, E5)

PROJECT NUMBER 8997 **COUNCIL WARD** 5
PROJECT CATEGORY Storm Drain System
PROJECT LOCATION Gratton St from Lincoln Ave to Hermosa Dr

PROJECT DESCRIPTION

This project will add another 18 inches to the existing 72-inch diameter pipe and catch basins/inlet structures within street right-of-way to capture run-off from the green belt area.

PROJECT STATUS

This project's design phase is completed. The project's anticipated construction start is by summer 2021 and completion would be summer 2023. Spring 2021 - Advertise the Monroe Storm Drain Project for construction bids (The project specifications will restrict the storm drain construction within Lincoln Avenue to coincide with the system connections related to RPU's Lincoln Avenue Techite Pipe Replacement Project).

OPERATING BUDGET IMPACT

Regular maintenance of the catch basin will be required; however, the project will eliminate the maintenance currently required during and after storm events resulting in a reduction in net operating impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$12,674,370	\$12,674,370	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FAIRVIEW & CORNWALL STORM DRAIN PROJECT

PROJECT NUMBER 9020 **COUNCIL WARD** 3
PROJECT CATEGORY Storm Drain System
PROJECT LOCATION Fairview Drive and Cornwall Avenue

PROJECT DESCRIPTION

This project will add new pipe and catch basins at the intersection of Fairview Drive and Cornwall Avenue within street right-of-way in order to capture run-off from the street.

PROJECT STATUS

The Project is estimated to be completed in the first quarter of FY 2020/21.

OPERATING BUDGET IMPACT

Once completed, the storm drain will require annual maintenance which will cost approximately \$1,500 per year.

PROJECT FUNDING OVERVIEW

Total Project Cost \$950,500	Prior Years Funding \$950,500	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



VAN BUREN BLVD PUMP STATION REHABILITATION

PROJECT NUMBER 9073 **COUNCIL WARD** 5
PROJECT CATEGORY Storm Drain System
PROJECT LOCATION Van Buren Blvd underpass at BNSF Railroad

PROJECT DESCRIPTION

This project will add new pipe and catch basins at the intersection of Fairview Drive and Cornwall Avenue within street right-of-way in order to capture run-off from the street.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

The project should not have an ongoing budgetary impact as it is replacing current infrastructure.

PROJECT FUNDING OVERVIEW

Total Project Cost \$262,770	Prior Years Funding \$162,770	Five Year Plan \$100,000	REMAINING NEEDED \$0
--	---	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$100,000	-	-	-	-	\$100,000
TOTAL		\$100,000	\$0	\$0	\$0	\$0	\$100,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SIERRA STREET STORM DRAIN IMPROVEMENTS

PROJECT NUMBER 9137 **COUNCIL WARD** 3
PROJECT CATEGORY Storm Drain System
PROJECT LOCATION Sierra St from Streeter Ave to Capistrano Way

PROJECT DESCRIPTION

The project is to install 900 LF of new 12" to 18" diameter RCP into Sierra Street near Streeter Avenue with two catch basins. The project is created due to multiple SRO requests for the last few years due to flooding on Sierra Street even with a small rain event. The street is not able to carry the capture of the drainage area within.

PROJECT STATUS

The project is currently in the design phase. Awaiting the lowest responsive bidder's approval for construction. Plan to go to Council in September 2020 with anticipation to start construction by end of calendar 2020.

OPERATING BUDGET IMPACT

The maintenance will be yearly catch basins clean up per NPDES permit. The cost for this is currently unknown and will be evaluated upon completion.

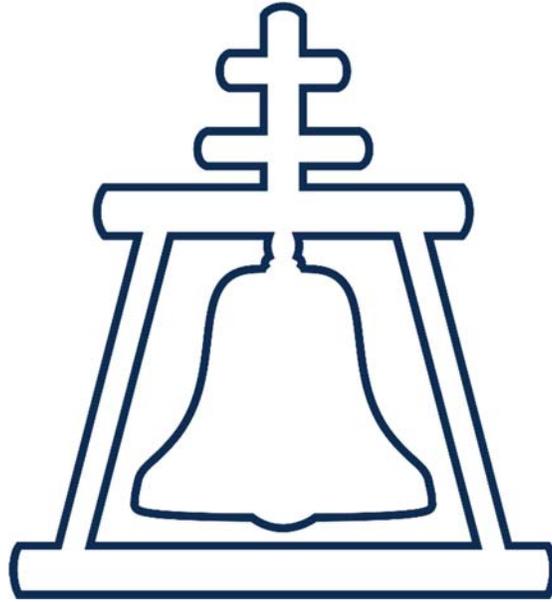
PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$450,000	\$0	\$450,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

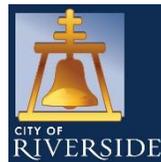
Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$450,000	-	-	-	-	\$450,000
TOTAL		\$450,000	\$0	\$0	\$0	\$0	\$450,000





CITY OF RIVERSIDE
CAPITAL IMPROVEMENT PROGRAM

TRANSPORTATION



Project Category Overview: Transportation

Introduction

Transportation CIP Projects include the new construction, replacement, rehabilitation, and repair of roadways/streets, sidewalk, curb, gutter, and traffic signal improvements. Transportation infrastructure, as in the public right of way, is the backbone of the City's public infrastructure and assets. This is where the residents, visitors, and businesses come to live, work, and play.

One-Year Budget and Five-Year Plan

The FY 2020/21 to FY 2024/25 CIP is a planning document intended to prioritize and allocate City funds for transportation improvements. The program includes two major sections, Streets and Traffic Signals, at a total funded cost of \$87.8 million. The proposed program is underfunded by \$219 million.

The Traffic Signal Program for FY 2020/21 through 2024/25 includes construction of new traffic signals and modifications to existing signals to improve safety, traffic flow, and reduce delay at intersections.

The Streets Program for FY 2020/21 through FY 2024/25 is designed to meet City Council priorities while reducing the backlog of incomplete projects. The focus of the Streets Program is to rehabilitate local and arterial streets to extend their useful life and the repair of curbs, gutters, and sidewalks. The program will also construct pedestrian ramps to comply with the Americans with Disabilities Act (ADA). A new Pavement Management Program (PMP) is being implemented to assist with prioritizing streets to include the rehabilitation and preservation projects. The PMP is designed to optimize funding available to maintain the roadways in the most cost effective and efficient manner.



Project Highlights:

Traffic Management Center

This is an ongoing project to monitor real time traffic in order to refine and produce signal timing plans, improve vehicular mobility, and make necessary

Project Category Overview: Transportation

traffic signal timing adjustments based on observation of City streets via CCTV cameras.

Arterial Interconnect Project

The Arterial Interconnect Project includes the maintenance and replacement of traffic signal interconnect cabling, modems and other related equipment used to facilitate communication between traffic signals and the Traffic Management Center (TMC). This project can be used to provide interconnect at new locations and establish communications with the TMC.

Sidewalk Fronting Patricia Beatty

The project will install approximately 210 feet of sidewalk and small retaining wall to provide a walkway for parents & students near Patricia Beatty Elementary School. The project would additionally install a rectangular rapid flashing beacon lighted pedestrian sign that connects to Patricia Beatty's Easterly walkway. The project is currently in the design phase.

Mission Boulevard Bridge Replacement at Santa Ana River

This project provides for the reconstruction of the Mission Bridge spanning over 1,100 feet across the Santa Ana River between the cities of Riverside and Jurupa Valley. The new bridge will be constructed along the same alignment as the existing bridge but will be wider than the existing bridge allowing for bike lanes and a sidewalk for pedestrian use. The project is being led by the County of Riverside and the City of Riverside will only be responsible to provide its fair share contribution to satisfy the local match requirements.

Market Boulevard Bridge Replacement at Santa Ana River

The existing Market Street Bridge over the Santa Ana River is an important transportation link between the Cities of Riverside and Jurupa Valley. This 12-span steel plate girder bridge is 1,195 feet long and was constructed in 1953. It will be replaced with a new 4 lane bridge including standard shoulders and a dedicated multi-purpose pedestrian lane.

Key Revenues and Funding Sources

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
230	Gas Tax	\$10,771,792	\$10,625,000	\$9,825,000	\$9,825,000	\$9,825,000	\$50,871,792
420	Measure Z Capital	4,375,000	4,375,000	4,375,000	2,875,000	2,875,000	\$18,875,000
432	Measure A	2,875,000	4,625,000	4,625,000	2,975,000	2,975,000	\$18,075,000
	TOTAL	\$18,021,792	\$19,625,000	\$18,825,000	\$15,675,000	\$16,675,000	\$87,821,792

Project Category Overview: Transportation

State Gas Tax, Local Measure A, and City Development Impact fees are the primary sources of revenues for the projects. Additional rehabilitation and safety funds will be generated with the City's Measure Z sales tax revenues and California's Senate Bill 1 Rehabilitation Gas Tax Revenues.

Furthermore, the City issued certificates of participation (COP) in 2013 that provided funding for a backlog of street paving projects. The COP debt will be repaid in future years from local transportation funds. The debt service obligation will reduce available funds for transportation projects by \$3 million per year for the twenty-year repayment term.

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Bicycle/Pedestrian						
Knoefler Street Improvements	\$560,000	-	-	-	-	\$560,000
Pedestrian Ramps Program	300,000	300,000	300,000	300,000	300,000	\$1,500,000
Sidewalk Repair Program	300,000	300,000	300,000	300,000	300,000	\$1,500,000
Sidewalk/Trail Construction at Various Locations Program	300,000	300,000	300,000	300,000	300,000	\$1,500,000
Total Bicycle/Pedestrian	\$1,460,000	\$900,000	\$900,000	\$900,000	\$900,000	\$5,060,000
Bridge						
Market Street Bridge Replacement over the Santa Ana River	\$900,000	\$850,000	\$850,000	-	-	\$2,600,000
Mission Boulevard Bridge Replacement at Santa Ana River	800,000	800,000	800,000	-	-	\$2,400,000
Total Bridge	\$1,700,000	\$1,650,000	\$1,650,000	\$0	\$0	\$5,000,000
Other Projects						
Local Roadway Safety Improvement Plan	\$100,000	-	-	-	-	\$100,000
Total Other Projects	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Street Maintenance						
Adair Sidewalk-Jo Jo Randolph	\$75,000	-	-	-	-	\$75,000
Berry Rd Widening - Selina Street to Bush Ave	-	800,000	-	-	-	\$800,000
Bonita Sidewalk-Tyler Pendleton	135,000	-	-	-	-	\$135,000
CDBG Matching Funds	150,000	150,000	150,000	150,000	150,000	750,000
Curb and Gutter Repair Program	200,000	200,000	200,000	200,000	200,000	1,000,000
Major Streets Rehabilitation	500,000	2,400,000	2,400,000	2,400,000	2,400,000	10,100,000
Measure Z Pavement Rehabilitation and Improvement	4,375,000	4,375,000	4,375,000	2,875,000	2,875,000	18,875,000
Minor Street Preservation (Slurry/Aram) Program	500,000	500,000	500,000	500,000	500,000	2,500,000
Minor Street Rehabilitation Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Miscellaneous Street Construction Program	300,000	500,000	500,000	500,000	500,000	2,300,000
Total Street Maintenance	\$7,735,000	\$10,425,000	\$9,625,000	\$8,125,000	\$8,125,000	\$44,035,000
Traffic Improvements						
Interconnected Traffic Signal Controller Replacement	-	-	-	-	-	\$0
Miscellaneous Traffic Projects Program	75,000	75,000	75,000	75,000	75,000	\$375,000

Project Category Overview: Transportation

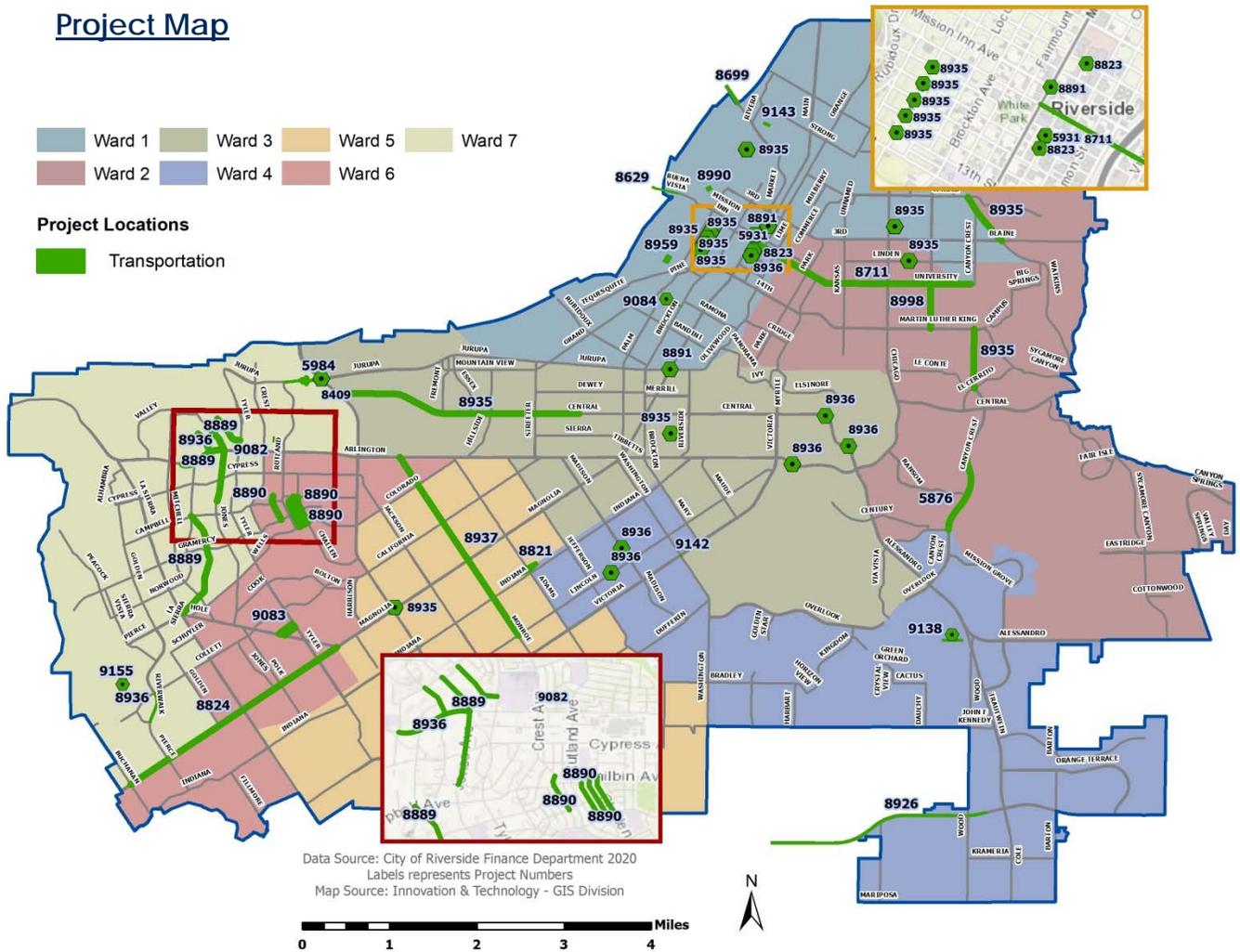
RMRA Traffic Improvements Fy2020/21	6,196,792	0	0	0	0	\$6,196,792
RMRA Traffic Improvements Fy2021/22	0	6,000,000	6,000,000	6,000,000	6,000,000	\$24,000,000
Sidewalk Fronting Patricia Beatty	125,000	0	0	0	0	\$125,000
Traffic Signal Emergency Vehicle Replacement	10,000	10,000	10,000	10,000	10,000	\$50,000
Victoria At Washington Southbound Merge Lane	55,000	0	0	0	0	\$55,000
Total Traffic Improvements	\$6,461,792	\$6,085,000	\$6,085,000	\$6,085,000	\$6,085,000	\$30,801,792
Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Traffic Signal Interconnections						
Arterial Interconnect Project Program	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
Traffic Management Center Program	50,000	50,000	50,000	50,000	50,000	\$250,000
Total Traffic Signal Interconnections	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000
Traffic Signal Maintenance						
Controller Assembly Replacement Program	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
LED Signal Lenses Replacement Program	20,000	20,000	20,000	20,000	20,000	\$100,000
Spread Spectrum Radio Replacement Program	10,000	10,000	10,000	10,000	10,000	\$50,000
Traffic Signal Loop Replacement Program	25,000	25,000	25,000	25,000	25,000	\$125,000
Total Traffic Signal Maintenance	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000
Traffic Signal Modifications						
Miscellaneous Signal Revisions Program	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Total Traffic Signal Modifications	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
New Traffic Signals						
New Traffic Signals (Prioritized Locations-One Per Year) Program	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Total New Traffic Signals	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
TOTAL	\$18,021,792	\$19,625,000	\$18,825,000	\$15,675,000	\$15,675,000	\$87,821,792

Top Unfunded Projects by Priority

Project Name	Estimated Project Cost	Unfunded Amount
1. Adams Street/State Route 91 Interchange Improvements	\$72,900,000	\$65,700,000
2. Van Buren Widening, Indiana To South City Limit	26,640,352	26,640,352
3. Tyler/State Route 91 Interchange Improvements	75,000,000	75,000,000
4. Canyon Crest Widening	8,104,673	2,700,000
5. Arlington Avenue at Chadbourne Avenue Traffic Signal	325,000	325,000
6. University Avenue Fiber Optic	450,000	400,000
7. 14th Street Widening, SR-91 To Martin Luther King	24,000,000	24,000,000
8. Citywide Striping Removal	70,000	70,000
9. Miscellaneous Signal Cabinet Replacement	225,000	225,000
10. Miscellaneous Guardrail Repair	30,000	30,000
TOTAL	\$207,745,025	\$195,090,352

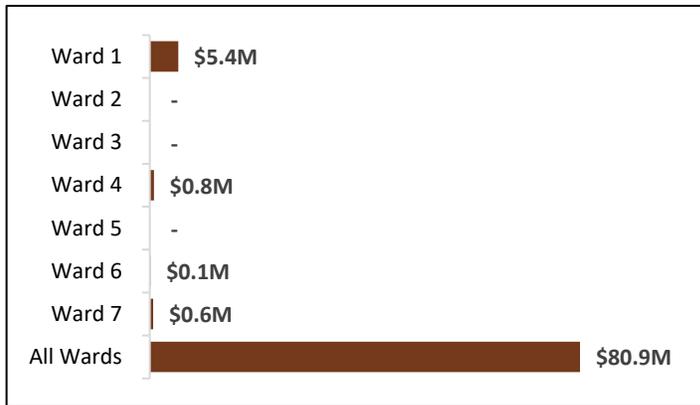
Project Category Overview: Transportation

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$5,375,000
Ward 2	-
Ward 3	-
Ward 4	800,000
Ward 5	-
Ward 6	135,000
Ward 7	635,000
All Wards	80,876,792
Total	\$87,821,792

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MISC STREET CONSTRUCTION PROGRAM

PROJECT NUMBER 5070 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

City funds are allocated for work on various projects, issues, and concerns that present themselves during the year. These projects include removal and replacement of non-compliant pedestrian ramps as well as damaged curbs, gutters, cross-gutters, driveways, and sidewalks adjacent to the street in order to provide proper drainage and remain in compliance with the Americans With Disability Act (ADA).

PROJECT STATUS

This is an ongoing maintenance project used year-round to replace pedestrian ramps, curbs, gutters, cross-gutters, driveways, and sidewalks.

OPERATING BUDGET IMPACT

This is an ongoing project to maintain the City's sidewalks, curbs, gutters, driveways, cross-gutters, and pedestrian ramps. There are no operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$2,849,200	Five Year Plan \$2,300,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,300,000
TOTAL		\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,300,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CONTROLLER ASSEMBLY REPLACEMENT

PROJECT NUMBER 5183 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Traffic Signal Maintenance Crew performs regular maintenance on 375 traffic signal controllers. They most frequently respond to locations where the signal cabinet has been struck by a vehicle.

PROJECT STATUS

This is an ongoing project for the replacement of traffic signal cabinets due to unexpected knock downs and the replacement of old cabinets with newer models that are more compatible with new signal equipment.

OPERATING BUDGET IMPACT

This is an ongoing project to replace traffic signal cabinets in order to keep traffic signals throughout the City functional. There are no operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$691,492	Five Year Plan \$350,000	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
TOTAL		\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000

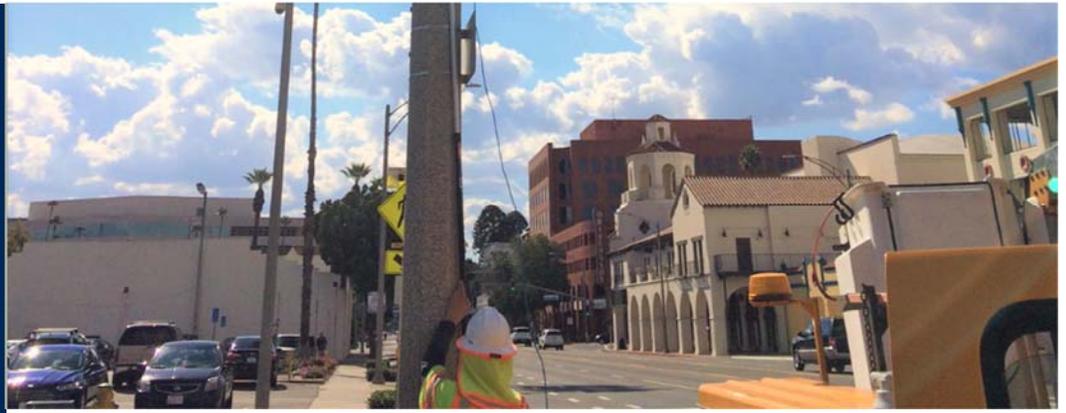


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SPREAD SPECTRUM RADIO REPLACEMENT

PROJECT NUMBER 5846 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is a recurring project of the Traffic Management Center (TMC) to upgrade or replace traffic signal radios and related components for communication with the City's 375 signalized intersections.

PROJECT STATUS

This is an ongoing maintenance project used year-round to replace existing and install new radios for communication between signals and the Traffic Management Center.

OPERATING BUDGET IMPACT

The installation of the cameras will result in a net decrease in overall operating budget impacts because minor maintenance and timing adjustments can be completed throughout the City from the Traffic Management Center.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$66,640	Five Year Plan \$50,000	REMAINING NEEDED Ongoing
--------------------------------------	--	-----------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
TOTAL		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TRAFFIC SIGNAL LOOP REPLACEMENT PROGRAM

PROJECT NUMBER 5847 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program is to replace faulty or damaged traffic signal loop detectors throughout the City. The City maintains an on-call contract with Smithson Electric for this work.

PROJECT STATUS

This is an ongoing maintenance project used year-round to replace damaged and/or faulty loop detectors.

OPERATING BUDGET IMPACT

This is an ongoing project to replace damaged or faulty loop detectors. There are no operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$266,228	Five Year Plan \$125,000	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
TOTAL		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

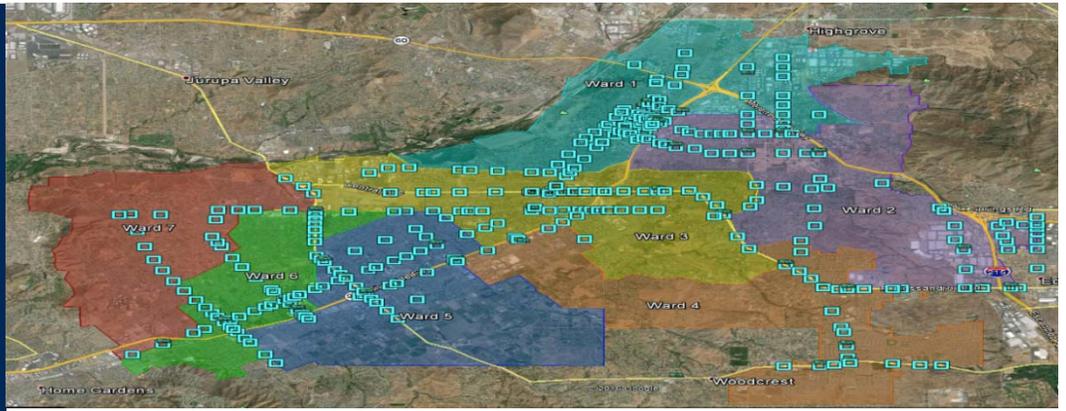


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MISCELLANEOUS SIGNAL REVISIONS PROGRAM

PROJECT NUMBER 5861 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is a recurring project to complete traffic signal modifications, rewire aging conductors, and upgrade signals throughout the City.

PROJECT STATUS

This is an ongoing maintenance project used year-round to install enhancements to signalized intersections to improve vehicular and pedestrian mobility.

OPERATING BUDGET IMPACT

This is an ongoing project to improve traffic signals throughout the City. There are no operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$1,950,293	Five Year Plan \$500,000	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
TOTAL		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



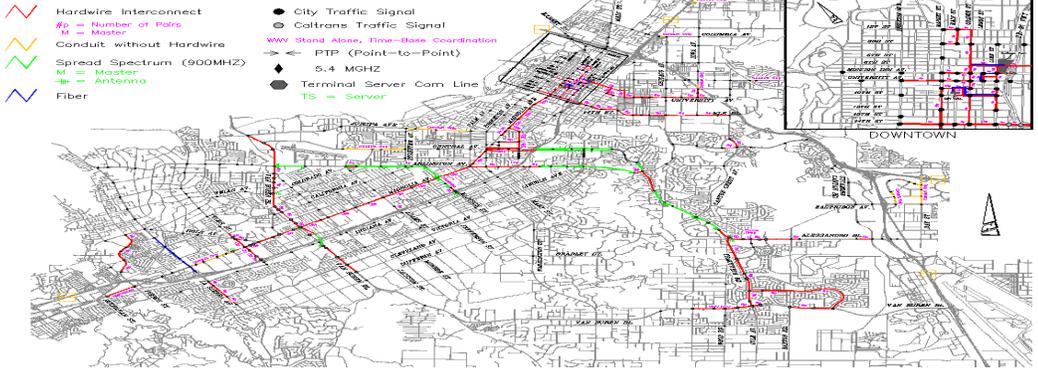
PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility

City of Riverside
Existing Traffic Signal Interconnect



ARTERIAL INTERCONNECT PROGRAM

PROJECT NUMBER 5862 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Maintenance and replacement of traffic signal interconnect cabling, modems, and other related equipment used to facilitate communication between traffic signals and the Traffic Management Center (TMC). This project can be used to provide interconnect at new locations and establish communications with the TMC. The City has approximately 150 traffic signals making use of traditional arterial interconnect to communicate with the TMC. Interconnect is used along major roadways such as Magnolia Avenue, Tyler Street, La Sierra Avenue, Victoria Avenue, Van Buren Boulevard, Alessandro Boulevard, Central Avenue, Fourteenth Street, and University Avenue, along with locations on intersecting roadways.

PROJECT STATUS

This is an ongoing project for the maintenance and replacement of traffic signal interconnect components.

OPERATING BUDGET IMPACT

This is an ongoing project to maintain the traffic signal interconnect system. There are no operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
Ongoing	\$554,384	\$200,000	Ongoing

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
TOTAL		\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CANYON CREST WIDENING

PROJECT NUMBER 5876 **COUNCIL WARD** 2
PROJECT CATEGORY Transportation
PROJECT LOCATION Canyon Crest Dr. between Via Vista & Country Club

PROJECT DESCRIPTION

This project provides for the construction of street widening improvements on the eastern side of Canyon Crest Drive between Via Vista Drive and Country Club Drive. This project will provide two travel lanes and two bike lanes in each direction, as well as provide asphalt resurfacing improvements for the existing pavement. The improvements generally include new concrete curb, gutter, and sidewalk on the eastern side along with new drought-tolerant landscaped medians.

PROJECT STATUS

The project is currently on hold due to the adjacent developer no longer being committed to the project. The adjacent development was to dedicate the necessary right-of-way in exchange for the City constructing the street improvements. The City only has funds available for the street improvement and not for acquiring right-of-way. Additionally, environmental permits will need to be obtained.

OPERATING BUDGET IMPACT

There are no anticipated operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$8,104,673	Prior Years Funding \$5,404,673	Five Year Plan \$0	REMAINING NEEDED \$2,700,000
--	---	------------------------------	--

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TRAFFIC MANAGEMENT CENTER

PROJECT NUMBER 5931 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION City Hall 4th Floor, all signalized intersections

PROJECT DESCRIPTION

The Traffic Management Center (TMC) manages traffic operations throughout the City. It is the hub for the City’s camera and connected traffic signal infrastructure. The project covers both equipment and staff time.

PROJECT STATUS

This is an ongoing project to monitor real-time traffic in order to refine and produce signal timing plans, improve vehicular mobility, and make necessary traffic signal timing adjustments based on observation of City streets via CCTV cameras.

OPERATING BUDGET IMPACT

There are no net operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$1,892,009	Five Year Plan \$250,000	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	-----------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
TOTAL		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



JURUPA AVENUE EXTENSION

PROJECT NUMBER 5984 **COUNCIL WARD** 7
PROJECT CATEGORY Transportation
PROJECT LOCATION Jurupa Ave from Van Buren Blvd to Rutland Ave

PROJECT DESCRIPTION

This project included the construction of the Jurupa Avenue Extension as a four-lane divided arterial between Van Buren Boulevard to 610 feet westerly, and a two-lane roadway across the former Hole Lake culvert to Rutland Avenue, with curb, gutter, and sidewalk, landscaped median, and parkways, bike lanes, street lights, underground electrical facilities, and potable and reclaimed water lines. The project will also provide habitat mitigation services as required for the completion of the Jurupa Avenue Extension project completed in 2012. The services agreement will terminate when the restoration improvements have been installed and established, and the endowment paid to the Riverside-Corona Resource Conservation District (RCRCD) for perpetual maintenance.

PROJECT STATUS

The construction of this project has been completed. However, in September 2015, the City and RCRCD entered into a Services Agreement for the habitat mitigation services. RCRCD is responsible for restoring the habitat areas impacted by the completion of the project as well as preserving the restored areas in perpetuity. The anticipated completion date for the mitigation of this project is June 2023.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$6,174,673	\$6,174,673	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



NEW TRAFFIC SIGNALS PROGRAM

PROJECT NUMBER 8341 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The City of Riverside Traffic Division maintains a priority list for the installation of new traffic signals. The City has identified locations that would benefit from the installation of traffic signals and uses the priority list as a means to equitably schedule the funding of new signal installations.

PROJECT STATUS

This is an ongoing project for the installation of new traffic signals. The City of Riverside Traffic Division is planning to install a traffic signal at the intersection of Cole Ave and Krameria Ave (subject to change) which is currently an all-way stop-controlled intersection.

OPERATING BUDGET IMPACT

The operating budget impact of a new traffic signal is approximately \$3,000 per year for each signal.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$540,102	Five Year Plan \$1,250,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
TOTAL		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



VAN BUREN-JURUPA TO SANTA ANA RIVER BRIDGE

PROJECT NUMBER 8409 **COUNCIL WARD** 3, 7
PROJECT CATEGORY Transportation
PROJECT LOCATION Van Buren Boulevard and Jurupa

PROJECT DESCRIPTION

This project will widen the easterly side of Van Buren Boulevard from approximately 300-foot north of Jurupa Avenue to the Santa Ana River Bridge. Work includes the construction of concrete curb, gutter, sidewalk, asphalt pavement, provision of bike lanes, and the installation of streetlights. The Project will also restripe northbound Van Buren from south of Jurupa Avenue to the Santa Ana River Bridge.

PROJECT STATUS

The project is still in the design phase due to a lack of funding. Currently, there is \$160,000 of TUMF funding available. The project is fully funded by WRCOG. The construction phase is expected to be \$1,951,000.

OPERATING BUDGET IMPACT

There are no projected operational impacts since this widens the street and shouldn't require maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$2,700,261	\$749,261	\$1,951,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
434*	TUMF Fund	\$1,951,000	-	-	-	-	\$1,951,000
TOTAL		\$1,951,000	\$0	\$0	\$0	\$0	\$1,951,000

*Appropriation of funds contingent on TUMF award. For planning purposes only. Not included in in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LED SIGNAL LENSES REPLACEMENT PROGRAM

PROJECT NUMBER 8619 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing project to perform regular maintenance of the 400 traffic signals to ensure that the LED signal lenses are in working order.

PROJECT STATUS

This is an ongoing project to replace LED lenses as part of regular maintenance or that have been physically damaged.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with this project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$80,000	Five Year Plan \$100,000	REMAINING NEEDED Ongoing
--------------------------------------	--	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
TOTAL		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MISSION BOULEVARD BRIDGE REPLACEMENT AT SANTA ANA RIVER

PROJECT NUMBER 8629 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Mission Boulevard Bridge over the Santa Ana River

PROJECT DESCRIPTION

This project provides for the reconstruction of the Mission Bridge spanning over 1,100 feet across the Santa Ana River between the cities of Riverside and Jurupa Valley. The new bridge will be constructed along the same alignment as the existing bridge but will be wider than the existing bridge allowing for bike lanes and a sidewalk for pedestrian use. The County of Riverside is taking the lead on this project and the City of Riverside will only be responsible to provide its fair share contribution to Riverside County in order to satisfy the local match requirements.

PROJECT STATUS

The project is being managed by the County of Riverside and is currently in the Design Phase. Construction is anticipated to be completed in 2023.

OPERATING BUDGET IMPACT

There are no additional operating impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,400,000	Prior Years Funding \$1,000,000	Five Year Plan \$2,400,000	REMAINING NEEDED \$0
--	---	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$800,000	\$800,000	\$800,000	-	-	\$2,400,000
TOTAL		\$800,000	\$800,000	\$800,000	\$0	\$0	\$2,400,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MARKET STREET BRIDGE REPLACEMENT OVER THE SANTA ANA RIVER

PROJECT NUMBER 8699 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Market Street Bridge Replacement over the Santa Ana River

PROJECT DESCRIPTION

The existing Market Street Bridge over the Santa Ana River is an important transportation link between the Cities of Riverside and Jurupa Valley. This 12-span steel plate girder bridge is 1,195 feet long and was constructed in 1953. It will be replaced with a new 4 lane bridge including standard shoulders and a dedicated multi-purpose pedestrian lane. The County of Riverside is taking the lead on this project and the City of Riverside will only be responsible to provide its fair share contribution to Riverside County in order to satisfy the local match requirements.

PROJECT STATUS

The County of Riverside is currently in the PA&ED phase which is scheduled for completion in 2019. Construction is anticipated to be completed in 2024.

OPERATING BUDGET IMPACT

There are no additional operating impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,700,000	Prior Years Funding \$100,000	Five Year Plan \$2,600,000	REMAINING NEEDED \$0
--	---	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$900,000	\$850,000	850,000	-	-	\$2,600,000
TOTAL		\$900,000	\$850,000	\$850,000	\$0	\$0	\$2,600,000

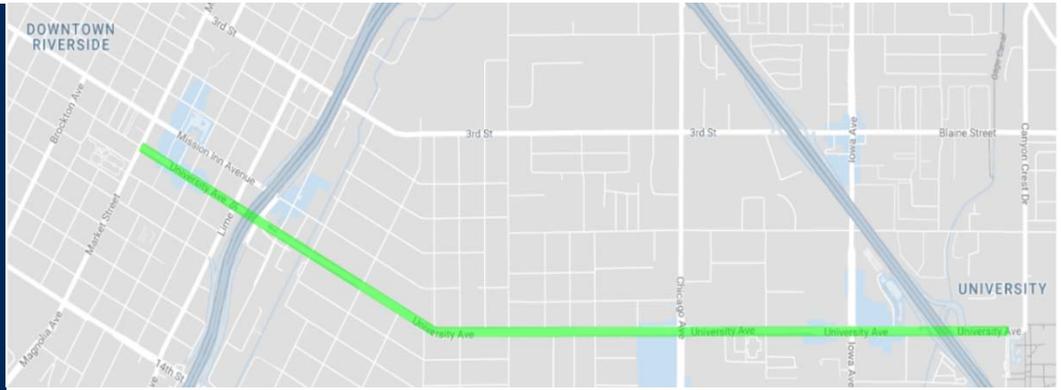


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



UNIVERSITY AVENUE FIBER OPTIC

PROJECT NUMBER 8711 **COUNCIL WARD** 1, 2

PROJECT CATEGORY Transportation

PROJECT LOCATION University Avenue between Market Street and W Campus Drive

PROJECT DESCRIPTION

This project will install approximately 2.6 miles of fiber optic cabling to enable high-speed communications for the 16 traffic signals along University Avenue.

PROJECT STATUS

The project will be designed internally and is currently going to Council for additional funding. The Project Manager is requesting additional Measure A funding for the project but we are waiting on Caltrans to decide how they want to administer the program.

OPERATING BUDGET IMPACT

There are no anticipated operating budget impacts associated with the completed of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$450,000	\$50,000	\$0	\$400,000

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ADAMS STREET/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS

PROJECT NUMBER 8821 **COUNCIL WARD** 3, 4, 5
PROJECT CATEGORY Transportation
PROJECT LOCATION Adams Street at the SR-91

PROJECT DESCRIPTION

This project includes the reconfiguration of Adams Street interchange at the SR-91 to reduce traffic congestion.

PROJECT STATUS

The project is in the Project Approval and Environmental Document phase (PA & ED) to prepare technical studies in compliance with the National Environmental Policy Act (NEPA) for the two build and one no-build alternative. Caltrans will review and approved the NEPA studies, reports, and documents. The PA & ED phase is anticipated to be completed in Spring 2023.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$72,900,000	Prior Years Funding \$7,200,000	Five Year Plan \$0	REMAINING NEEDED \$65,700,000
---	---	------------------------------	---

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

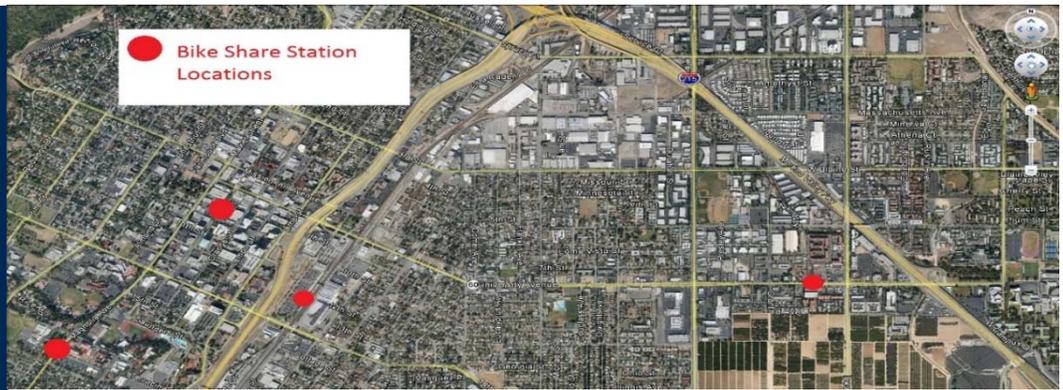


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CITYWIDE BIKE SHARE PROGRAM

PROJECT NUMBER 8823 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Downtown

PROJECT DESCRIPTION

This project is for the planning and implementation of a bike-share program in the Downtown area.

PROJECT STATUS

Project construction is completed, the contract for operations is ongoing. Submitted the final invoice for reimbursement with Caltrans. Once reimbursement is received project will be closed out.

OPERATING BUDGET IMPACT

Any operating impact will be included in current the O&M budget without any additional impact.

PROJECT FUNDING OVERVIEW

Total Project Cost \$303,000	Prior Years Funding \$303,000	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

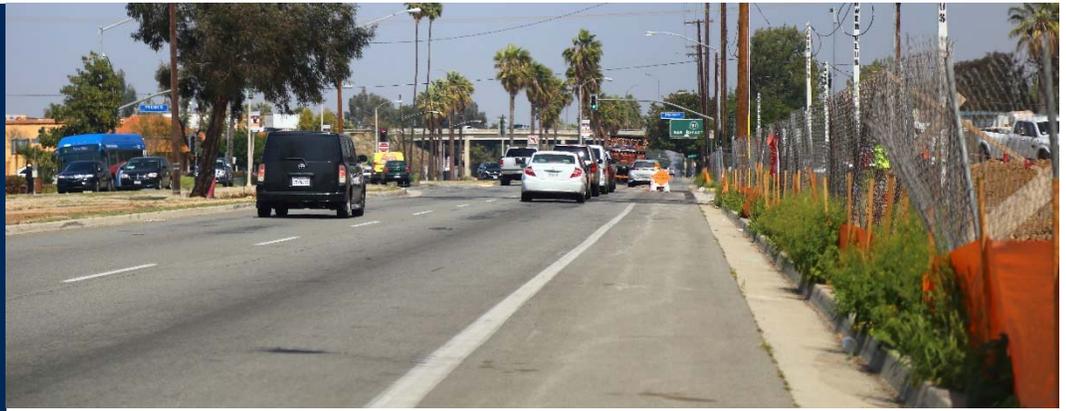


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAGNOLIA AVENUE WIDENING FROM BUCHANAN STREET TO HOLE AVENUE

PROJECT NUMBER 8824 **COUNCIL WARD** 6, 7
PROJECT CATEGORY Transportation
PROJECT LOCATION Magnolia Ave from Buchanan St and Hole Ave

PROJECT DESCRIPTION

This project provides for the construction of street widening improvements within the existing medians to provide a third vehicular lane to the State Route 91 on- and off-ramps from Buchanan Street and Banbury Drive. Additionally, the project will provide beautification improvements to the remaining portions of the existing medians and maintenance improvements to the existing roadway between Buchanan Street and Hole Avenue. The project will also include Riverside Public Utilities Water and Electric facilities.

PROJECT STATUS

The Notice to Proceed was issued on March 2, 2020, for Bid 7631. The project has 200 working days.

OPERATING BUDGET IMPACT

There are no net operating budget impacts associated with this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$11,150,209	\$11,150,209	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MISCELLANEOUS TRAFFIC PROJECTS

PROJECT NUMBER 8832 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Miscellaneous Traffic Projects encompass a variety of traffic improvements across Riverside. This project is used to install signing and striping improvements to improve safety and traffic flow, refresh faded striping, replaced damaged signs, modify parking restrictions, repair damaged sections of guard rail, adjust median noses, install roadside and overhead signs to facilitate access to Riverside landmarks and attractions, and is a means to make neighborhood traffic improvements in response to resident requests.

PROJECT STATUS

This is an ongoing project to make roadway improvements throughout the City. Traffic will continue to deploy similar solutions Citywide to enhance safety & operations.

OPERATING BUDGET IMPACT

There are no operating budget impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$292,524	Five Year Plan \$375,000	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
TOTAL		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAJOR STREETS REHABILITATION

PROJECT NUMBER 8880 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This project provides for the systematic resurfacing (asphalt overlay) of all arterial streets throughout the City at prescribed intervals. These intervals vary depending on the age of the street and traffic volume. The project also includes removal and replacement of non-compliant pedestrian ramps and damaged curbs, gutters, cross-gutters, driveways and sidewalks adjacent to the street to provide proper drainage and ADA compliance.

PROJECT STATUS

This is an ongoing project to systematically resurface all arterials throughout the City.

OPERATING BUDGET IMPACT

This is an ongoing project and there are no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$6,465,774	Five Year Plan \$10,100,000	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	--------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$500,000	\$2,400,000	\$2,400,000	\$2,400,000	\$2,400,000	\$10,100,000
TOTAL		\$500,000	\$2,400,000	\$2,400,000	\$2,400,000	\$2,400,000	\$10,100,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CURB AND GUTTER REPAIR PROGRAM

PROJECT NUMBER 8883 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This project provides for the repair of concrete curbs and gutters throughout the City. The project will remove and reconstruct curbs and gutters that are damaged and/or uplifted, mostly from tree roots.

PROJECT STATUS

This is an ongoing project to repair curb and gutter throughout the City.

OPERATING BUDGET IMPACT

This is an ongoing project with no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost
Ongoing

Prior Years Funding
\$1,063,506

Five Year Plan
\$1,000,000

REMAINING NEEDED
Ongoing

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
TOTAL		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MINOR STREET REHABILITATION PROGRAM

PROJECT NUMBER 8884 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides the asphalt concrete pavement rehabilitation of minor streets throughout the City. This program also includes removal and reconstruction of non-compliant pedestrian ramps and repair of curbs, gutters, driveways, and sidewalks adjacent to the street to provide proper drainage, ADA compliance, and better ride quality.

PROJECT STATUS

This is an ongoing project to improve minor streets throughout the City.

OPERATING BUDGET IMPACT

This is an ongoing project with no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$9,850,384	Five Year Plan \$7,500,000	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
TOTAL		\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SIDEWALK/TRAIL CONSTRUCTION PROGRAM

PROJECT NUMBER 8885 COUNCIL WARD All Wards
 PROJECT CATEGORY Transportation
 PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This project provides for the construction of concrete sidewalks and trails to provide improved pedestrian access and circulation.

PROJECT STATUS

This is an ongoing project to construct a sidewalk and trails.

OPERATING BUDGET IMPACT

This is an ongoing project with no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost
Ongoing

Prior Years Funding
\$767,535

Five Year Plan
\$1,500,000

REMAINING NEEDED
Ongoing

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
TOTAL		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000



PUBLIC WORKS – TRANSPORTATION
Capital Improvement Program FY 2020/21 - 2024/25

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SIDEWALK REPAIR PROGRAM

PROJECT NUMBER 8886 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides the repair for concrete sidewalks throughout the City. The program will remove and reconstruct sidewalks that are damaged and/or uplifted, mostly from tree roots.

PROJECT STATUS

This is an ongoing project to repair sidewalks throughout the City.

OPERATING BUDGET IMPACT

This is an ongoing project with no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$1,963,853	Five Year Plan \$1,500,000	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	-------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
TOTAL		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PEDESTRIAN RAMPS PROGRAM

PROJECT NUMBER 8887 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This project provides for the construction of new pedestrian ramps and detectable warning surfaces along arterial and collector streets to provide improved pedestrian access to sidewalks.

PROJECT STATUS

This is an ongoing project to construct pedestrian ramps and detectable warning surfaces.

OPERATING BUDGET IMPACT

This is an ongoing project to improve pedestrian access to sidewalks. There are no anticipated operating budget impacts associated with this project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$1,595,350	Five Year Plan \$1,500,000	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	-------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
TOTAL		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CDBG STREET IMPROVEMENTS - MATCHING FUNDS

PROJECT NUMBER 8888 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The federal Community Development Block Grant (CDBG) program is a flexible program that provides viable urban communities with resources to address development needs and is administered by the City’s Community Development Department for eligible areas throughout the City. This project provides matching funds for various systematic street improvement projects awarded to Public Works under the CDBG program including construction of asphalt resurfacing, construction of pedestrian ramps with detectable warning surfaces to provide improved pedestrian access to sidewalks, and construction of new sidewalks to provide improved pedestrian access and circulation.

PROJECT STATUS

This is an ongoing project to support sidewalk improvements funded by the Community Development Block Grant (CDBG).

OPERATING BUDGET IMPACT

This is an ongoing project to support CDBG funded street improvements. There are no operating budget impacts associated with this project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$1,418,797	Five Year Plan \$750,000	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
TOTAL		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



NORTE VISTA SIDEWALK IMPROVEMENTS

PROJECT NUMBER 8889 **COUNCIL WARD** 7
PROJECT CATEGORY Transportation
PROJECT LOCATION Gaylord St, Jones Ave, Chadbourne Ave, Bushnell Ave

PROJECT DESCRIPTION

The project proposes to widen one side of the pavement section and install, curb, gutter, streetlights, driveway approaches, ADA ramps, and sidewalk in order to resolve drainage issues on 2.9 miles of residential streets.

PROJECT STATUS

The project is complete. Still waiting on reimbursement from two agencies before the project is closed.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$3,701,492	Prior Years Funding \$3,701,492	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WELLS AND ARLANZA SIDEWALK PROJECT

PROJECT NUMBER 8890 **COUNCIL WARD** 6
PROJECT CATEGORY Transportation
PROJECT LOCATION Babb Ave, Kent Ave, Ivanhoe Ave, and Challen Ave

PROJECT DESCRIPTION

This project proposes to construct a sidewalk on one side of the residential streets between Philbin Avenue and Wells Avenue. The Streets included in the project are Babb Avenue, Kent Avenue, Ivanhoe Avenue, and Challen Avenue.

PROJECT STATUS

Construction was completed on January 18, 2019. Final invoice sent to Caltrans in February 2020. Awaiting payment.

OPERATING BUDGET IMPACT

There are no additional operating impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,892,291	Prior Years Funding \$1,892,291	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DOWNTOWN BICYCLE & PEDESTRIAN IMPROVEMENTS

PROJECT NUMBER 8891 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Downtown

PROJECT DESCRIPTION

The Public Works Department worked with local neighborhoods, businesses, the Bicycle Advisory Committee, and the Riverside County Transportation Commission (RCTC) to identify biking and walking components near the Downtown area to promote an active lifestyle. The ATP project focused on improving sidewalk and Class II bike lane connectivity and deploying select project components to promote increased walking and biking such as new and updated crosswalks and bicycle amenities.

PROJECT STATUS

The project is nearing completion of construction with only a few items remaining for completion by the contractor.

OPERATING BUDGET IMPACT

Once the project is completed, the anticipated operating budget impact will be approximately \$10,000 per year to maintain the pedestrian signals and the information kiosks.

PROJECT FUNDING OVERVIEW

Total Project Cost \$1,186,005	Prior Years Funding \$1,186,005	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MINOR STREET PRESERVATION PROGRAM (SLURRY/ARAM)

PROJECT NUMBER 8894 COUNCIL WARD All Wards
 PROJECT CATEGORY Transportation
 PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides for the asphalt concrete pavement preservation and resurfacing of Minor Streets throughout the City. This program will use slurry seal and/or other preservation methods as determined to accomplish this goal.

PROJECT STATUS

This is an ongoing project to preserve and resurface minor streets throughout the City.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with this ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$3,574,971	Five Year Plan \$2,500,000	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	-------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
TOTAL		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



VAN BUREN BLVD WIDENING

PROJECT NUMBER 8926 **COUNCIL WARD** 4
PROJECT CATEGORY Transportation
PROJECT LOCATION Van Buren Blvd from Washington to Wood

PROJECT DESCRIPTION

The project proposes to widen Van Buren Boulevard from King Avenue to Bountiful Street, a total distance of approximately 2.5 miles, to improve traffic operations within the corridor segment. The project would widen Van Buren Boulevard from four lanes to six lanes and add right turn pockets at major intersections, new driveways, and sidewalk. The County of Riverside is taking the lead on this project and the City of Riverside will only be responsible to provide its fair share contribution to the County of Riverside.

PROJECT STATUS

Preliminary Engineering is complete. The County of Riverside is currently in the design phase for this project but it is on hold because the construction funds are not fully funded. RCTC does not want to purchase Right of Way until Construction funds are identified. Riverside is fully funded for matching purposes.

OPERATING BUDGET IMPACT

There are no operating budget impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$453,478	\$453,478	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



CENTRAL/CANYON CREST/WATKINS BIKE LANES

PROJECT NUMBER 8935 **COUNCIL WARD** 1, 2, 3, 5
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Active Transportation Program (ATP) funded this project to install cycle tracks, bike lanes, HAWK pedestrian signals, and "sharrows" for bicyclists throughout the City.

PROJECT STATUS

The project has been approved by RCTC and is currently in the environmental review stage. A scope change is being processed for the project, as a portion of the initial grant proposal, the Pine St. Traffic Circles, will be relocated to another City roadway following additional outreach.

OPERATING BUDGET IMPACT

Once the project is completed, the anticipated operating budget impact will be approximately \$6,000 per year to maintain the HAWK pedestrian signals.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$1,157,000	\$1,157,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



HIGH FRICTION SURFACE AND HAWK SIGNALS

PROJECT NUMBER 8936 COUNCIL WARD 1, 3, 4, 7
 PROJECT CATEGORY Transportation
 PROJECT LOCATION Various

PROJECT DESCRIPTION

Highway Safety Improvement Program (HSIP) grant-funded project to install segments of high friction surface treatment, perform signal timing in the downtown, and install two HAWK pedestrian signals.

PROJECT STATUS

PS&E has been completed for the project. The project applied for construction allocation in December of 2019 and is awaiting approval from Caltrans.

OPERATING BUDGET IMPACT

Once the project is completed, the anticipated operating budget impact will be approximately \$6,000 per year to maintain the HAWK pedestrian signals.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$1,293,000	\$195,000	\$0	\$1,098,000

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MONROE REHAB-LINCOLN TO ARLINGTON

PROJECT NUMBER 8937 **COUNCIL WARD** 5, 6
PROJECT CATEGORY Transportation
PROJECT LOCATION Monroe St. from Arlington Ave. to Lincoln Ave.

PROJECT DESCRIPTION

This project provides for the asphalt concrete pavement rehabilitation of Monroe Street between Arlington Avenue and Lincoln Avenue. The project also includes removal and replacement of non-compliant pedestrian ramps and damaged curbs, gutters, cross-gutters, driveways, and sidewalks adjacent to the street to provide proper drainage and ADA compliance.

PROJECT STATUS

The project was separated into multiple phases. Phase 1 will include Monroe Rehab (Magnolia to California), minor streets rehab, and median improvements. Phase 2 just had the pre-construction phase completed and will be starting construction soon. Phase 3 is currently in the design phase.

OPERATING BUDGET IMPACT

The completion of this project will not result in a net increase in operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$2,456,500	\$2,456,500	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SAN ANDREAS DRAINAGE IMPROVEMENTS

PROJECT NUMBER 8959 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Northwest of intersection of Sand Andreas and Glenwood

PROJECT DESCRIPTION

This project proposes flattening the existing slopes, excavation, and construction of a retention basin, basin outlet storm drainpipe, and maintenance access road. It also includes hydroseeding, vegetation, and riprap.

PROJECT STATUS

The project is completed. Waiting on final invoicing before closing the project.

OPERATING BUDGET IMPACT

There are no anticipated operating budget impacts associated with this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$675,000	Prior Years Funding \$675,000	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



INDIAN HILL ROAD SLOPE MITIGATION PROJECT

PROJECT NUMBER 8990 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Indian Hill Rd east of Ladera Ln and Indian Hills Rd

PROJECT DESCRIPTION

The project proposes to construct 100 linear feet of soldier pile retaining wall with remedial grading including excavation and fill on Indian Hill Road to support the roadway within street right of way. The proposed improvements include pile, steel beam, lagging and street rehabilitation.

PROJECT STATUS

Project is completed. Waiting on final invoicing before the project is closed.

OPERATING BUDGET IMPACT

There are no anticipated operating budget impacts with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$505,000	Prior Years Funding \$505,000	Five Year Plan \$0	REMAINING NEEDED \$0
--	---	------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



IOWA AVENUE WIDENING

PROJECT NUMBER 8998 **COUNCIL WARD** 2
PROJECT CATEGORY Transportation
PROJECT LOCATION Iowa Ave between Martin Luther King Blvd and University Ave

PROJECT DESCRIPTION

The project includes the widening of Iowa Avenue between University Avenue and Martin Luther King Boulevard to provide 2 travel lanes in each direction including a dedicated cycle track section between Martin Luther King Boulevard and Everton Place. The project will also provide new utility infrastructure including storm drain, sanitary sewer, underground electric, and domestic water. The project will provide for new landscape and irrigation for the new parkways, medians, and a cycle track buffer strip.

PROJECT STATUS

The project is currently in the design phase and right of way is currently being negotiated with the adjacent property owners and developments.

OPERATING BUDGET IMPACT

There are no additional operating impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$4,932,704	\$4,932,704	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ACTIVE TRANSPORTATION MASTER PLAN

PROJECT NUMBER 9023 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The City of Riverside Citywide Active Transportation Plan will provide a conceptual, multi-modal planning foundation for the City's future bicycle and pedestrian improvement projects. The planning process will integrate existing network, modeled, and survey data to fully assess needs and demands, and produce a design toolbox and complete proposed active transportation network. The final plan will be reviewed by relevant advisory committees and boards, and ultimately adopted by the City Council.

PROJECT STATUS

The project was selected to be funded as part of the Southern California Association of Government's Phase II of the 2016 Sustainability Planning Grant program. The project is ongoing, and SCAG is managing the contract. The City of Riverside has already provided \$125,000 in matching funds.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the development of the Active Transportation Master Plan.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$125,000	\$125,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



INTERCONNECTED TRAFFIC SIGNAL CONTROLLER REPLACEMENT

PROJECT NUMBER 9024 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Along interconnected arterials citywide

PROJECT DESCRIPTION

The project will replace the City's 247 interconnected traffic signal controllers and replace / upgrade the City's current central traffic control system.

PROJECT STATUS

The project was selected to be funded through the State Highway Safety Improvement Program and is anticipated to begin in the Summer of 2020. Currently undergoing the RFA process with Caltrans.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$1,119,800	\$560,000	\$0	\$559,800

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MEASURE Z PAVEMENT REHABILITATION AND PEDESTRIAN FACILITIES IMPROVEMENT PROGRAM FY 2018/19

PROJECT NUMBER 9026 COUNCIL WARD All Wards
 PROJECT CATEGORY Transportation
 PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides the asphalt concrete pavement rehabilitation of arterial and minor streets throughout the City. This program also includes removal and reconstruction of non-compliant pedestrian ramps and repair of curbs, gutters, driveways, and sidewalks adjacent to the street to provide proper drainage, ADA compliance, and better ride quality. Other improvements will include pedestrian improvements including new sidewalk and minor widening when required.

PROJECT STATUS

This is an ongoing project to complete pavement rehabilitation of arterial and minor streets throughout the City.

OPERATING BUDGET IMPACT

There are no operating budget impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$4,375,000	\$4,375,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
420	Measure Z – Capital	-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MEASURE Z PAVEMENT REHABILITATION & IMPROVEMENTS

PROJECT NUMBER 9027 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides the asphalt concrete pavement rehabilitation of arterial and minor streets throughout the City. This program also includes removal and reconstruction of non-compliant pedestrian ramps and repair of curbs, gutters, driveways, and sidewalks adjacent to the street to provide proper drainage, ADA compliance, and better ride quality. Other improvements will include pedestrian improvements including new sidewalk and minor widening when required.

PROJECT STATUS

This is an ongoing project to complete pavement rehabilitation of arterial and minor streets throughout the City.

OPERATING BUDGET IMPACT

There are no operating budget impacts anticipated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$7,875,000	Five Year Plan \$18,875,000	REMAINING NEEDED Ongoing
--------------------------------------	---	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
420	Measure Z – Capital	\$4,375,000	\$4,375,000	\$4,375,000	\$2,875,000	\$2,875,000	\$18,875,000
TOTAL		\$4,375,000	\$4,375,000	\$4,375,000	\$2,875,000	\$2,875,000	\$18,875,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SB-1 PAVEMENT REHABILITATION, MAINTENANCE, AND SAFETY IMPROVEMENTS PROGRAM FY 2018/19

PROJECT NUMBER 9028 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides the asphalt concrete pavement rehabilitation of arterial and minor streets throughout the City. This program also includes removal and reconstruction of non-compliant pedestrian ramps and repair of curbs, gutters, driveways, and sidewalks adjacent to the street to provide proper drainage, ADA compliance, and better ride quality. Other improvements will include traffic safety improvements including HAWK signal pedestrian signals, crosswalk improvements, and new traffic signal installations.

PROJECT STATUS

This is an ongoing project to provide pavement rehabilitation for arterial and minor streets throughout the City.

OPERATING BUDGET IMPACT

This is an ongoing project and there are no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$5,509,763	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SB-1 PAVEMENT REHABILITATION, MAINTENANCE, AND SAFETY IMPROVEMENTS PROGRAM

PROJECT NUMBER 9029 COUNCIL WARD All Wards
 PROJECT CATEGORY Transportation
 PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This program provides the asphalt concrete pavement rehabilitation of arterial and minor streets throughout the City. This program also includes removal and reconstruction of non-compliant pedestrian ramps and repair of curbs, gutters, driveways, and sidewalks adjacent to the street to provide proper drainage, ADA compliance, and better ride quality. Other improvements will include traffic safety improvements including HAWK signal pedestrian signals, crosswalk improvements, and new traffic signal installations.

PROJECT STATUS

This is an ongoing project to provide pavement rehabilitation for arterial and minor streets throughout the City.

OPERATING BUDGET IMPACT

This is an ongoing project and there are no anticipated operating budget impacts.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$5,393,516	Five Year Plan \$0	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	-----------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ADAIR SIDEWALK-JO JO RANDOLPH

PROJECT NUMBER 9082 **COUNCIL WARD** 7
PROJECT CATEGORY Transportation
PROJECT LOCATION Adair Avenue

PROJECT DESCRIPTION

The Adair Avenue Sidewalk Improvements project proposes to construct new concrete sidewalks on one side of Adair Avenue from Jo Jo Way to Randolph Street in the Arlanza neighborhood of the City of Riverside (see Exhibit A). Adair Avenue has existing concrete curbs and gutters but is missing sidewalks. The project includes the reconstruction of residential driveways that do not meet current City and ADA (Americans with Disabilities Act) standards. The proposed project is necessary to provide a safe pedestrian walkway from this residential neighborhood to schools and key destinations such as parks and retail centers. Construction of the sidewalk will eliminate the need for pedestrians to walk in the street or parkway and will improve their safety.

PROJECT STATUS

The project is currently partially funded by RCTC under SB 821 Bicycle and Pedestrian grants. The project is currently in the design phase.

OPERATING BUDGET IMPACT

Operating impacts will be included as part of O&M Street Maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$300,000	\$225,000	\$75,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$75,000	-	-	-	-	\$75,000
TOTAL		\$75,000	\$0	\$0	\$0	\$0	\$75,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BONITA SIDEWALK-TYLER PENDLETON

PROJECT NUMBER 9083 **COUNCIL WARD** 6
PROJECT CATEGORY Transportation
PROJECT LOCATION Bonita Sidewalk-Tyler/Pendleton

PROJECT DESCRIPTION

The Bonita Avenue Sidewalk Improvements project proposes to construct new concrete sidewalks on one side of Bonita Avenue from Tyler Street to Pendleton Street in the La Sierra neighborhood of the City of Riverside (see Exhibit A). Bonita Avenue has existing concrete curbs and gutters but is missing sidewalks. The project includes the reconstruction of residential driveways that do not meet current City and ADA (Americans with Disabilities Act) standards.

PROJECT STATUS

Project is partially funded by SB 821 and the other half is Local match.

OPERATING BUDGET IMPACT

Operating impacts will be included as part of O&M Street Maintenance.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$420,000	\$285,000	\$135,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$135,000	-	-	-	-	\$135,000
TOTAL		\$135,000	\$0	\$0	\$0	\$0	\$135,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LARCHWOOD PLACE RECONSTRUCTION - BROCKTON AVE TO END OF STREET

PROJECT NUMBER 9084 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Larchwood-Brockton Ave. to end of Larchwood Pl.

PROJECT DESCRIPTION

Project to repair 1290' of concrete on Larchwood to Westerly Brockton Avenue to remove existing concrete pavement, remove invasive trees, reconstruct concrete driveways, curb & gutters, pedestrian ramp and construct storm drain improvements.

PROJECT STATUS

The project was approved and fully funded on May 19, 2020 and is currently in the design phase.

OPERATING BUDGET IMPACT

No operating impacts expected once project is completed.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$700,000	\$700,000	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LOCAL ROADWAY SAFETY IMPROVEMENT PLAN

PROJECT NUMBER 9088 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Development of a Local Roadway Safety Plan to identify transportation safety countermeasures along Riverside roadways.

PROJECT STATUS

The application for grant funds for the LRSP were approved at the 11/5/2019 City Council meeting; the City received news that it had been selected for grant award, and Traffic Engineering has submitted the Request for Allocation Paperwork.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the development of the Active Transportation Master Plan.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$128,000	\$28,000	\$100,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$100,000	-	-	-	-	\$100,000
TOTAL		\$100,000	\$0	\$0	\$0	\$0	\$100,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



BERRY RD WIDENING - SELINA STREET TO BUSH AVE

PROJECT NUMBER 9138 **COUNCIL WARD** 4
PROJECT CATEGORY Transportation
PROJECT LOCATION Berry Rd between Selina St & Bush Ave

PROJECT DESCRIPTION

Berry Road is a 2-lane minor street and is 34-feet wide except between Selina St. and Bush Ave. This project proposed to widen the section between Selina and Bush from 20-feet to 34-feet to match the rest of the road. It includes new sidewalk construction on the south side of the street.

PROJECT STATUS

The project has not started yet.

OPERATING BUDGET IMPACT

No operational impacts to the budget since maintenance of the road will be handled through the O&M budget.

PROJECT FUNDING OVERVIEW

Total Project Cost \$800,000	Prior Years Funding \$0	Five Year Plan \$800,000	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	-	\$800,000	-	-	-	\$800,000
TOTAL		\$0	\$800,000	\$0	\$0	\$0	\$800,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



VICTORIA AT WASHINGTON SOUTHBOUND MERGE LANE

PROJECT NUMBER 9142 **COUNCIL WARD** 3, 4
PROJECT CATEGORY Transportation
PROJECT LOCATION Southwest Corner of Victoria Ave. at Washington St.

PROJECT DESCRIPTION

Project to install a merge lane for southbound Victoria at Washington along with striping improvements at the intersection.

PROJECT STATUS

The project was identified by the Transportation Committee at the 4/11/19 meeting as a tool to mitigate congestion issues at the intersection of Victoria Avenue at Washington Street.

OPERATING BUDGET IMPACT

There are no operating budget impacts associated with the completion of this project.

PROJECT FUNDING OVERVIEW

Total Project Cost \$55,000	Prior Years Funding \$0	Five Year Plan \$55,000	REMAINING NEEDED \$0
---------------------------------------	-----------------------------------	-----------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$55,000	-	-	-	-	\$55,000
TOTAL		\$55,000	\$0	\$0	\$0	\$0	\$55,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SIDEWALK FRONTING PATRICIA BEATTY

PROJECT NUMBER 9143 **COUNCIL WARD** 1
PROJECT CATEGORY Transportation
PROJECT LOCATION Southerly frontage of Patricia Beatty Elementary School

PROJECT DESCRIPTION

Project will install an approximately 210-foot section of sidewalk and small retaining wall to provide a walkway for parents & students near Patricia Beatty Elementary School. The project would additionally install a rectangular rapid flashing beacon lighted pedestrian sign that connects to Patricia Beatty's Easterly walkway.

PROJECT STATUS

The project is currently being designed internally and will be done as part of a larger sidewalk project.

OPERATING BUDGET IMPACT

Once the project is completed there will be ongoing maintenance costs to installed components which will be included in the O&M budget once the project is complete.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$125,000	\$0	\$125,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$125,000	-	-	-	-	\$125,000
TOTAL		\$125,000	\$0	\$0	\$0	\$0	\$125,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ACTIVE TRANSPORTATION PROGRAM CYCLE V

PROJECT NUMBER 9144 COUNCIL WARD 6, 7
 PROJECT CATEGORY Transportation
 PROJECT LOCATION Misc. Locations

PROJECT DESCRIPTION

This project will complete improvements in the neighborhoods surrounding the 'Five Points' intersection. Anticipated project components include the installation of new sidewalk segments, bicycle lane enhancements, high visibility, and diagonal crosswalks, and trail improvements along the Arlington Channel.

PROJECT STATUS

Project will be submitted for grant award in June of 2020 and is under active development.

OPERATING BUDGET IMPACT

Once the project is completed there will be ongoing maintenance costs to install components that have yet to be identified.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$5,000,000	\$0	\$5,000,000	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
430*	Capital Outlay	-	\$5,000,000	-	-	-	\$5,000,000
TOTAL		\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000

*Appropriation of funds contingent on grant award. For planning purposes only. Not included in in other areas of the CIP.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TRAFFIC SIGNAL EMERGENCY VEHICLE REPLACEMENT

PROJECT NUMBER 9146 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The City's Traffic Signal Maintenance Shop repairs and maintains 'Opticom' emergency vehicle preemption devices at traffic signals, these devices allow both Fire and Ambulance vehicles to receive a green light in their direction of travel. This project would create a budget for the replacement of such devices as they reach the end of their useful service life.

PROJECT STATUS

The project would fund ongoing replacement of failing Opticom preemption units.

OPERATING BUDGET IMPACT

If funded, this would be an ongoing project with no impact on the operating budget.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
Ongoing	\$0	\$50,000	Ongoing

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
432	Measure A	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
TOTAL		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



RMRA TRAFFIC IMPROVEMENTS FY2020/21

PROJECT NUMBER 9150 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Road Maintenance and Rehabilitation - The use of RMRA local streets and road funds is similar but, not identical, to HUTA use rules. Pursuant to Streets and Highways Code Section 2030, RMRA local streets and roads allocations must be used for projects "that include, but are not limited to," the following: (1) road maintenance and rehabilitation; (2) safety projects; (3) railroad grade separations; (4) traffic control devices; (5) complete street components, "including active transportation purposes, pedestrian and bicycle safety projects, transit facilities, and drainage and storm-water capture projects in conjunction with any other allowable project."

PROJECT STATUS

These are annual projects funded by gas tax dollars and will be done throughout the year. The various projects are defined in the project description and will go to the Council as needed.

OPERATING BUDGET IMPACT

No operating impacts for these projects as they are maintained by annual Gas Tax funding.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding	Five Year Plan	REMAINING NEEDED
\$6,196,792	\$0	\$6,196,792	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$6,196,792	-	-	-	-	\$6,196,792
TOTAL		\$6,196,792	\$0	\$0	\$0	\$0	\$6,196,792



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



RMRA REHAB & TRAFFIC IMPROVEMENTS

PROJECT NUMBER 9151 **COUNCIL WARD** All Wards
PROJECT CATEGORY Transportation
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Road Maintenance and Rehabilitation - The use of RMRA local streets and road funds is similar but, not identical, to HUTA use rules. Pursuant to Streets and Highways Code Section 2030, RMRA local streets and roads allocations must be used for projects "that include, but are not limited to," the following: (1) road maintenance and rehabilitation; (2) safety projects; (3) railroad grade separations; (4) traffic control devices; (5) complete street components, "including active transportation purposes, pedestrian and bicycle safety projects, transit facilities, and drainage and storm-water capture projects in conjunction with any other allowable project."

PROJECT STATUS

These are annual projects funded by gas tax dollars and will be done throughout the year. The various projects are defined in the project description and will go to the Council as needed.

OPERATING BUDGET IMPACT

No operating impacts for these projects as they are maintained by annual Gas Tax funding.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding \$0	Five Year Plan \$24,000,000	REMAINING NEEDED \$0
--------------------------------------	-----------------------------------	---------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	-	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$24,000,000
TOTAL		\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$24,000,000



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



KNOEFLER STREET IMPROVEMENTS

PROJECT NUMBER 9155 **COUNCIL WARD** 7
PROJECT CATEGORY Transportation
PROJECT LOCATION Knoefler Drive from Ambs Drive to End of Street

PROJECT DESCRIPTION

The project will install 1800 linear foot of new curb and gutter both sides and one side sidewalk on Knoefler Drive from Ambs Drive to End of Street in La Sierra neighborhood - ward 7. The project will alleviate flooding damages to the property in any rain event. The project anticipates starting in Fall 2020 and is completed by Spring 2021. The project will install 1800 linear foot of new curb and gutter both sides and one side sidewalk on Knoefler Drive from Ambs Drive to End of Street in La Sierra neighborhood.

PROJECT STATUS

This project has not started yet.

OPERATING BUDGET IMPACT

Operating impacts will be included as part of O&M Street Maintenance.

PROJECT FUNDING OVERVIEW

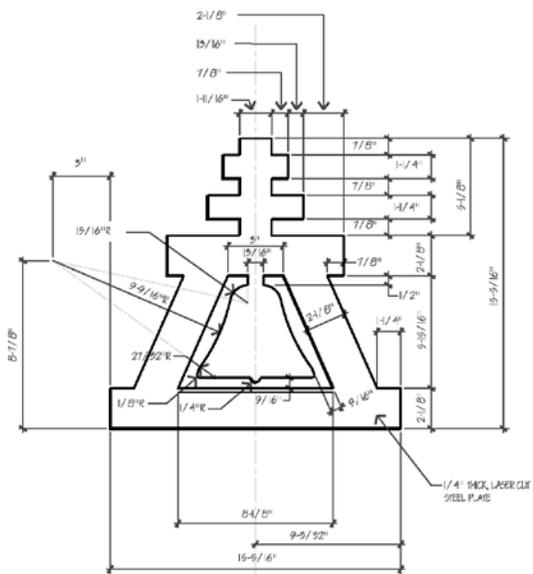
Total Project Cost \$560,000	Prior Years Funding \$0	Five Year Plan \$0	REMAINING NEEDED \$0
--	-----------------------------------	------------------------------	--------------------------------

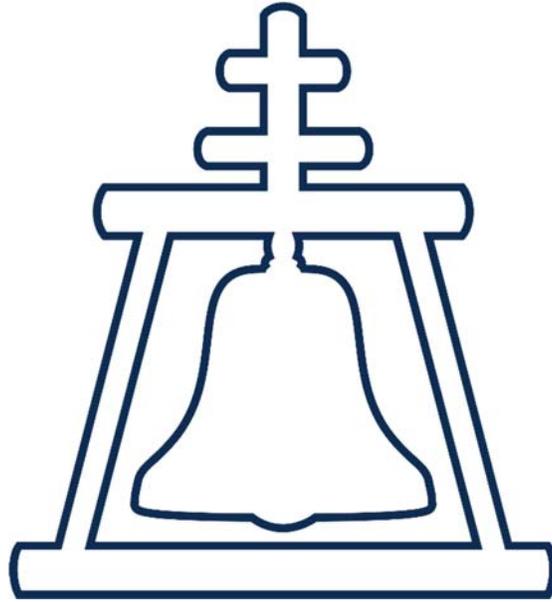
1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
230	Gas Tax	\$560,000	-	-	-	-	\$560,000
TOTAL		\$560,000	\$0	\$0	\$0	\$0	\$560,000



NOTES

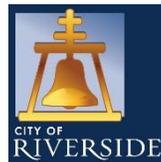




CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

WATER



Project Category Overview: Water

Introduction

The Public Utilities Department is responsible for providing water service to customers with a service area population of approximately 327,000, encompassing 74 square miles.

Water service is provided to 65,800 metered customers. The Department maintains its own distribution system, which contains approximately 1,000 miles of pipeline ranging from 2 inches to 72 inches in diameter, 56 domestic wells, 16 active reservoirs, with a capacity of 109 million gallons (equivalent to an emergency supply of 3 days), and 14 miles of canals in Riverside. The Department is responsible for providing adequate water supplies to its customers at the lowest possible cost. This includes assuring continued access to water resources while maintaining a high quality water supply and a reliable water distribution system. The Department is committed to keeping Riverside “water independent” and free of reliance on imported water supplies while ensuring improved reliability.



One-Year Budget and Five-Year Plan

The five-year Capital Improvement Program (CIP) for the water system of \$140,707,755 is required to implement the ten-year water infrastructure plan, which includes maintaining the most vital infrastructure.

This CIP is supported by the Water Utility’s proposed rate plan and addresses the need to replace and refurbish the most vital portions of Riverside’s aging water infrastructure from FY 2020/21 through FY 2024/25. It includes funding to replace existing leaking and/or undersized mains, refurbish wells and booster stations, expand the use of recycled water, and participate in enhanced recharge of the Seven Oaks Dam Conservation Project. Additional funding is also allocated for the implementation of various technology, security and

Project Category Overview: Water

system automation tools, and applications to improve cybersecurity and overall efficiency.

Project Type:

Distribution Facilities – Water distribution and distribution network edge equipment to deliver and meter water throughout system.

Distribution Pipelines – Neighborhood pipelines 6" to 12" diameter for water service and firefighting.

Reservoir Projects – System storage for emergency, operational and system efficiency improvements.

System Automation – Technology, security and system automation tools and applications to improve cyber security and overall efficiency.

Transmission Pipelines – Arterial pipelines 16" to 72" diameter for water supply from San Bernardino and Riverside basins and in system transmission.

Water Supply – Projects to increase water supply through direct supplement and augmentation of groundwater basins.

Well Projects – Water supply wells in Riverside and San Bernardino groundwater basins.

Key Revenues and Funding Sources

The five-year Water CIP will be supported by various funding sources. The majority of the CIP, \$111.7 million will be funded by bond proceeds. Approximately \$24.0 million will be funded from rates and reserves, and \$5 million will be funded from contributions in aid of construction.

Fund	Funding Source	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
520	Water Fund	\$30,616,405	\$21,501,562	\$29,089,738	\$29,930,773	\$28,692,773	\$139,831,294
	TOTAL	\$30,616,405	\$21,501,562	\$29,089,738	\$29,930,773	\$29,569,277	\$140,707,755

Project Category Overview: Water

Projects by Type of Improvement

Project Type/Project Name	Adopted 2020/21	Proposed 2021/22	Proposed 2022/23	Proposed 2023/24	Proposed 2024/25	Total
Distribution Facilities						
Meters	\$895,173	\$920,686	\$946,925	\$973,913	\$1,001,669	\$4,738,366
Pump Station Replacements	-	-	-	-	-	\$0
Total Distribution Facilities	\$895,173	\$920,686	\$946,925	\$973,913	\$1,001,669	\$4,738,366
Distribution Pipelines						
Distribution System Facilities Replacements	\$2,599,532	\$2,652,243	\$2,706,457	\$2,012,216	\$2,012,216	\$11,982,664
Hydrant Check Valves	97,916	100,707	103,577	106,529	106,529	\$515,258
Main Replacements Program	3,900,782	4,579,715	5,943,769	9,130,432	10,342,235	\$33,896,933
System Expansion	1,734,262	1,783,689	1,834,524	1,886,808	1,625,678	\$8,864,961
Water Stock	10,880	11,190	11,509	11,837	11,837	\$57,253
Total Distribution Pipelines	\$8,343,372	\$9,127,544	\$10,599,836	\$13,147,822	\$14,098,495	\$55,317,069
System Automation						
Advanced Metering Infrastructure	\$2,349,830	\$1,979,475	\$1,420,388	\$2,069,565	\$626,043	\$8,445,301
Distribution Automation/Reliability	604,242	161,120	591,828	620,869	513,356	\$2,491,415
Land Mobile Radio	-	322,240	-	-	-	\$322,240
Mobile Applications	-	-	503,054	-	-	\$503,054
Network Communication System	223,793	230,171	710,194	-	-	\$1,164,158
Operational Technology Governance	125,325	128,896	231,998	238,609	245,409	\$970,237
SCADA Upgrade & System Automation	671,380	920,686	946,925	730,435	1,502,504	\$4,771,930
Work, Asset, & Inventory Management System	-	-	603,665	365,217	751,252	\$1,720,134
Total System Automation	\$3,974,570	\$3,742,588	\$5,008,052	\$4,024,695	\$3,638,564	\$20,388,469
Transmission Pipelines						
Transmission Mains	\$10,353,799	\$6,214,629	\$6,320,727	\$9,836,519	\$5,884,807	\$38,610,481
Total Transmission Pipelines	\$10,353,799	\$6,214,629	\$6,320,727	\$9,836,519	\$5,884,807	\$38,610,481
Water Supply						
Recycled Water Projects	-	-	-	-	-	\$0
Seven Oaks Dam Conservation Projects	2,797,417	-	-	-	-	\$2,797,417
Total Water Supply	\$2,797,417	\$0	\$0	\$0	\$0	\$2,797,417
Well Projects						
Facility Rehabilitation Program	\$1,454,657	\$920,686	\$1,716,302	\$1,339,129	\$1,815,525	\$7,246,299
Potable/Irrigation Well Replacement	2,797,417	575,429	4,497,896	608,695	3,130,217	\$11,609,654
Total Well Projects	\$4,252,074	\$1,496,115	\$6,214,198	\$1,947,824	\$4,945,742	\$18,855,953
TOTAL	\$30,616,405	\$21,501,562	\$29,089,738	\$29,930,773	\$29,569,277	\$140,707,755

Project Category Overview: Water

Top Unfunded Projects by Priority

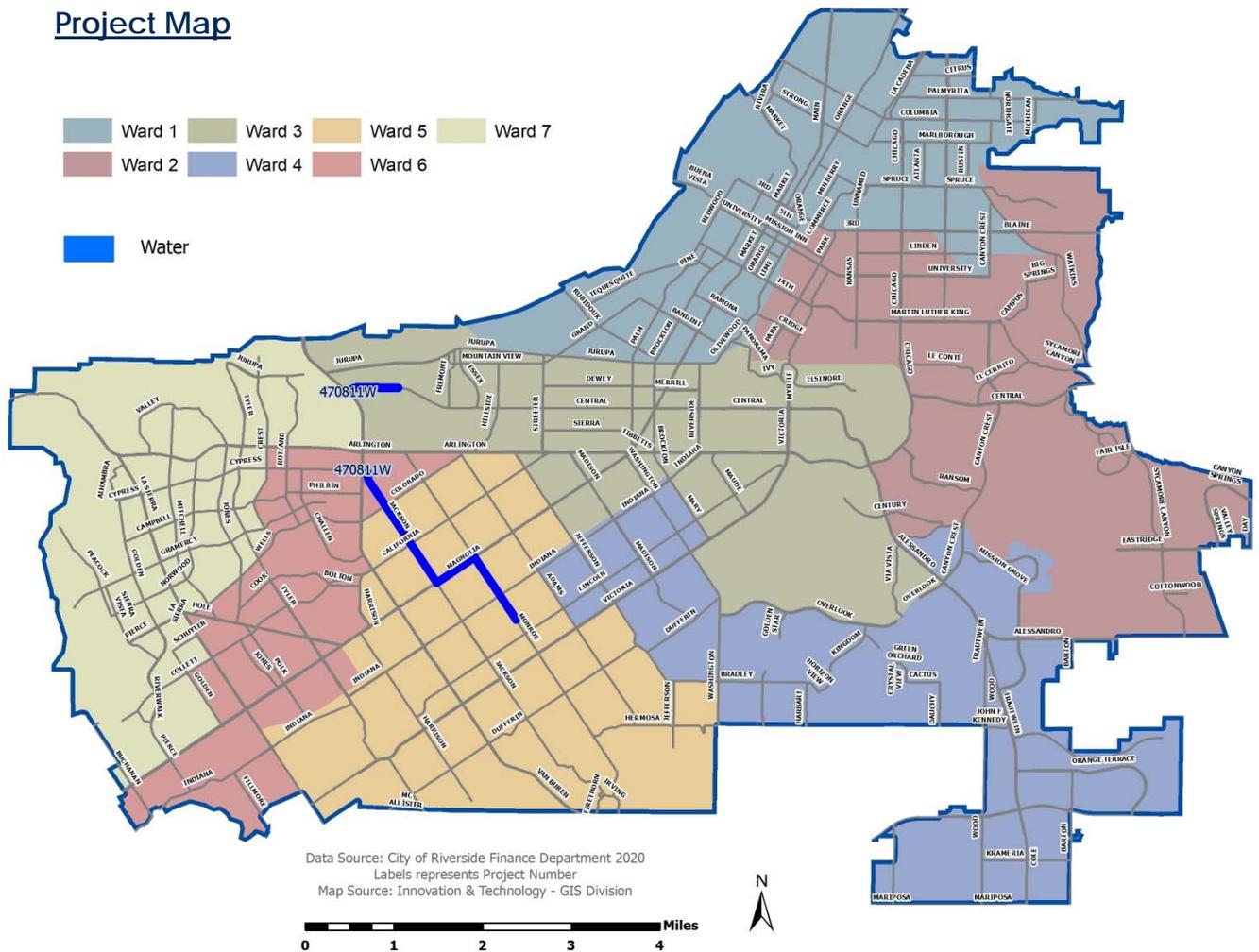
Water Utility identified eight capital projects without an identified funding source.

Project Name	Estimated Project Cost	Unfunded Amount
1. HCP (West)	\$6,500,000	\$6,500,000
2. Palm Meadows and Garner B Treatment Plant	3,500,000	3,500,000
3. Seven Oaks Dam Recharge - Active Recharge Program	5,000,000	5,000,000
4. Additional Well Replacements	6,000,000	6,000,000
5. JW North Treatment Plant Upgrade	1,000,000	1,000,000
6. Recycled Water (Jackson St. Phase I - Facilities and Site Conversions)	12,741,343	1,021,240
7. Victoria Ave Transmission Main	5,000,000	5,000,000
8. Advanced Metering Infrastructure	16,247,070	6,277,655
TOTAL	\$55,988,413	\$34,298,895



Project Category Overview: Water

Project Map



Note: This map includes all active and new capital improvement projects. Ongoing and citywide projects are not included on the map. To view additional information and detailed maps, please visit the City's website at <https://riverside.openbook.questica.com>.

Distribution by Ward



Ward	Five-Year Total
Ward 1	\$-
Ward 2	-
Ward 3	-
Ward 4	-
Ward 5	-
Ward 6	-
Ward 7	-
All Wards	140,707,755
Total	\$140,707,755

PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DISTRIBUTION AUTOMATION/RELIABILITY

PROJECT NUMBER 470655W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Provides for the ongoing design and installation of remote sensing devices and remotely controlled equipment on the Riverside water system. This new technology equipment remotely monitors the water system and reports information immediately to water control center. Remotely controlled equipment reduces personnel costs and improves response times to system disturbances.

PROJECT STATUS

Ongoing purchase and installation of equipment for remote monitoring of the water production and distribution system.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$0	Five Year Plan \$2,491,415	REMAINING NEEDED Ongoing
--------------------------------------	-------------------------------------	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$604,242	\$161,120	\$591,828	\$620,869	\$513,356	\$2,491,415
TOTAL		\$604,242	\$161,120	\$591,828	\$620,869	\$513,356	\$2,491,415

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SYSTEM EXPANSION

PROJECT NUMBER 470701W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that includes design and construction of new water system infrastructure (water mains, valves, fire hydrants and services) to serve new residential and commercial developments.

PROJECT STATUS

Ongoing program which designs and constructs new water infrastructure as needed to support development within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$37,073,397	Five Year Plan \$8,864,961	REMAINING NEEDED Ongoing
--------------------------------------	--	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$1,734,262	\$1,783,689	\$1,834,524	\$1,886,808	\$1,625,678	\$8,864,961
TOTAL		\$1,734,262	\$1,783,689	\$1,834,524	\$1,886,808	\$1,625,678	\$8,864,961

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



METERS

PROJECT NUMBER 470702W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves replacement of approximately 4,000 small meters and replacement or refurbishment of over 80 large meters per year.

PROJECT STATUS

Ongoing purchase and installation of meter equipment which contributes to fulfilling our obligation to serve electric load requirements within the city service area.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$9,943,792	Five Year Plan \$4,738,366	REMAINING NEEDED Ongoing
--------------------------------------	---	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$895,173	\$920,686	\$946,925	\$973,913	\$1,001,669	\$4,738,366
TOTAL		\$895,173	\$920,686	\$946,925	\$973,913	\$1,001,669	\$4,738,366

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WATER STOCK

PROJECT NUMBER 470705W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves the purchase of outstanding shares of the Gage Canal Co. water stock as they become available.

PROJECT STATUS

Ongoing program to purchase outstanding shares of the Gage Canal Co. water stock as they become available.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$1,398,967	Five Year Plan \$57,253	REMAINING NEEDED Ongoing
--------------------------------------	---	-----------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$10,880	\$11,190	\$11,509	\$11,837	\$11,837	\$57,253
TOTAL		\$10,880	\$11,190	\$11,509	\$11,837	\$11,837	\$57,253

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



DISTRIBUTION SYSTEM FACILITIES REPLACEMENTS

PROJECT NUMBER 470706W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program to replace old and inoperable water appurtenances including water services, fire hydrants, valves, air valves and other inoperable or damaged items.

PROJECT STATUS

Ongoing replacement of water appurtenances which supports the Department’s Asset Management program.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$26,192,884	Five Year Plan \$11,982,664	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$2,599,532	\$2,652,243	\$2,706,457	\$2,012,216	\$2,012,216	\$11,982,664
TOTAL		\$2,599,532	\$2,652,243	\$2,706,457	\$2,012,216	\$2,012,216	\$11,982,664

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MAIN REPLACEMENTS PROGRAM

PROJECT NUMBER 470707W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves the design and construction of various water distribution mains to replace high priority leaking and undersized water mains throughout the water system.

PROJECT STATUS

Ongoing replacement of water mains to replace aged and leaking mains.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$111,980,151	Five Year Plan \$33,896,933	REMAINING NEEDED Ongoing
--------------------------------------	---	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$3,900,782	\$4,579,715	\$5,943,769	\$9,130,432	\$10,342,235	\$33,896,933
TOTAL		\$2,801,087	\$3,807,860	\$5,650,782	\$6,329,715	\$7,693,769	\$26,283,213

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



TRANSMISSION MAINS

PROJECT NUMBER 470735W **COUNCIL WARD** 3, 4, 5 and 6
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves the design and construction of water transmission mains to replace Techite pipe, and aged and undersized existing transmission mains throughout the water system.

PROJECT STATUS

Ongoing replacement of water transmission mains to replace Techite pipeline, and aged and undersized transmission mains.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$27,493,323	Five Year Plan \$38,610,481	REMAINING NEEDED Ongoing
--------------------------------------	--	---------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$10,353,799	\$6,214,629	\$6,320,727	\$9,836,519	\$5,884,807	\$38,610,481
TOTAL		\$10,353,799	\$6,214,629	\$6,320,727	\$9,836,519	\$5,884,807	\$38,610,481

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



PUMP STATION REPLACEMENTS

PROJECT NUMBER 470802W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves the design and construction of pump stations to replace or rehabilitate existing deficient and aged pump stations throughout the water system.

PROJECT STATUS

Ongoing program to replace or rehabilitate existing pump stations which are deficient or aged based on priority.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$11,238,375	Five Year Plan \$0	REMAINING NEEDED Ongoing
--------------------------------------	--	------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



FACILITY REHABILITATION PROGRAM

PROJECT NUMBER 470803W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves the rehabilitation of existing water facilities including pumps, motors, wells, reservoirs, canals, facility automation, site security and site landscaping.

PROJECT STATUS

Ongoing rehabilitation/replacement of existing water facilities which support the Department's Asset Management program.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$43,689,015	Five Year Plan \$7,246,299	REMAINING NEEDED Ongoing
--------------------------------------	--	--------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$1,454,657	\$920,686	\$1,716,302	\$1,339,129	\$1,815,525	\$7,246,299
TOTAL		\$1,454,657	\$920,686	\$1,716,302	\$1,339,129	\$1,815,525	\$7,246,299

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



RECYCLED WATER (JACKSON ST. PHASE I – FACILITIES AND SITE CONVERSIONS)

PROJECT NUMBER 470811W COUNCIL WARD 3, 5, 6
 PROJECT CATEGORY Water Utility
 PROJECT LOCATION Various

PROJECT DESCRIPTION

Provides for the design and construction of necessary facilities to produce and pump recycled water at the City's Regional Water Quality Control Plant in addition to the on-site recycled water infrastructure and retrofit work to convert customers over to recycled water use.

PROJECT STATUS

Pipeline construction is completed. Customer site conversion work is in progress with estimated completion in Fall 2021.

OPERATING BUDGET IMPACT

Operational impacts are currently being assessed.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$12,741,343	\$11,720,103	\$0	\$1,021,240

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SEVEN OAKS DAM CONSERVATION – ENHANCED RECHARGE

PROJECT NUMBER 470813W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Four miles northeast of Redlands, near Mentone

PROJECT DESCRIPTION

Multi-agency effort which provides for the design and construction of projects to capture and divert local storm water for groundwater recharge on property owned or controlled by the San Bernardino Valley Water Conservation District to increase available groundwater supplies.

PROJECT STATUS

Phase IA of the Enhanced Recharge Project was completed in the spring of 2018. Phase IB of the project is expected to begin construction in early 2021.

OPERATING BUDGET IMPACT

Annual maintenance costs are being finalized among the partner agencies in a formal agreement and will be going to each agency for approval.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$17,271,501	\$14,474,084	\$2,797,417	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$2,797,417	-	-	-	-	\$2,797,417
TOTAL		\$2,797,417	\$0	\$0	\$0	\$0	\$2,797,417

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



AQUIFER STORAGE & RECOVERY SYSTEM

PROJECT NUMBER 470814W COUNCIL WARD All Wards
 PROJECT CATEGORY Water Utility
 PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Interagency project to provide additional water supply through the recharge of water in the Bunker Hill Basin.

PROJECT STATUS

In coordination with outside agencies to reevaluate the project and wait for the completion of the Upper Santa Ana Habitat Conservation Plan.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$2,061,487	Five Year Plan \$0	REMAINING NEEDED Ongoing
-------------------------------	--------------------------------------	-----------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



HYDRANT CHECK VALVES

PROJECT NUMBER 470815W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program to install check valves on critical fire hydrants at various locations throughout the City.

PROJECT STATUS

Ongoing program to purchase and install fire hydrant check valves as needed at critical locations.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$325,982	Five Year Plan \$515,258	REMAINING NEEDED Ongoing
--------------------------------------	---	------------------------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$97,916	\$100,707	\$103,577	\$106,529	\$106,529	\$515,258
TOTAL		\$97,916	\$100,707	\$103,577	\$106,529	\$106,529	\$515,258

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



UPPER SANTA ANA RIVER HABITAT CONSERVATION PLAN

PROJECT NUMBER 470819W COUNCIL WARD All Wards
 PROJECT CATEGORY Water Utility
 PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Interagency project to mitigate the endangered Santa Ana Sucker along with twelve other covered species to allow for construction of water supply projects on a regional scale. This project will also create a mitigation bank to be used by each of the thirteen partner agencies.

PROJECT STATUS

Ongoing coordination with outside agencies to establish a mitigation bank for sensitive wildlife habitat to facilitate construction of water supply projects.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$325,000	Five Year Plan \$0	REMAINING NEEDED Ongoing
-------------------------------	------------------------------------	-----------------------	------------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

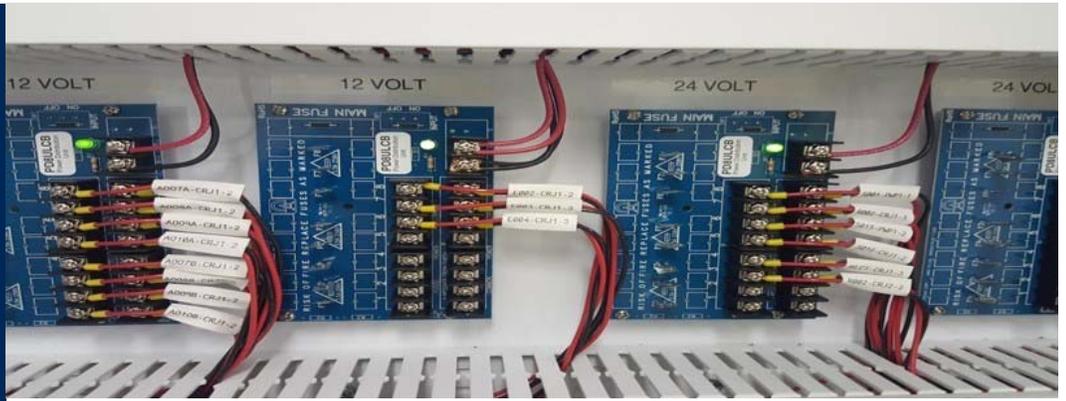


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ENTERPRISE OPERATION DATA MANAGEMENT SYSTEM

PROJECT NUMBER 470822W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Operational Data Management System (ODMS) receives data from water delivery and operation systems and data communication, storage, and analysis systems. The data will support advanced monitoring and control systems to improve the operational efficiency and capability of the water delivery system.

PROJECT STATUS

Project has been completed. Ongoing end-user training and maintenance will continue to streamline utility operations.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$1,399,528	\$1,399,528	\$0	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
		-	-	-	-	-	\$0
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



ADVANCED METERING INFRASTRUCTURE

PROJECT NUMBER 470823W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Advanced Metering Infrastructure (AMI) and Meter Data Management System to integrate AMI data and support customer facing applications and web integration of Customer Integration System. Delivers automated meter reading resulting in more efficient consumption management and enhanced customer service.

PROJECT STATUS

This project is on hold pending completion of Electric's AMI project.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$16,247,070	\$1,524,114	\$8,445,301	\$6,277,655

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$2,349,830	\$1,979,475	\$1,420,388	\$2,069,565	\$626,043	\$8,445,301
TOTAL		\$2,349,830	\$1,979,475	\$1,420,388	\$2,069,565	\$626,043	\$8,445,301

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



OPERATIONAL TECHNOLOGY GOVERNANCE

PROJECT NUMBER 470824W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Operational Technology planning, management, Internal controls, and cyber & physical security improvements. Oversee RPU's operational technology roadmap to effective plan and execute technology projects over the next 5-10 years, and to continue to strengthen our cyber and physical security programs to ensure the safety and security of RPU systems, equipment, facilities, data and people.

PROJECT STATUS

Equipment and software solutions for cyber and physical security issues identified through new biannual assessments.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$161,331	Five Year Plan \$970,237	REMAINING NEEDED \$0
--------------------------------------	---	------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$125,325	\$128,896	\$231,998	\$238,609	\$245,409	\$970,237
TOTAL		\$125,325	\$128,896	\$231,998	\$238,609	\$245,409	\$970,237

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



WORK, ASSET, & INVENTORY MANAGEMENT SYSTEM

PROJECT NUMBER 470825W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Work, Asset and Inventory Management System (WIS) is important not only for controlling and minimizing stock materials on hand, but it is important for its hand-off of materials through the work management system and assigning the cost of materials to assets in the asset management system. The WIS is an integral part of the workflows and information needed by the Work Management System and Asset Management System. The system supports management of the Utility's field infrastructure assets (e.g. pipes, pumps, valves, connections, etc.) and includes field work orders, asset costs and utilization.

PROJECT STATUS

The project scope has been defined. Implementation of upgrade to current WIS to begin in October 2022.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$1,720,134	\$0	\$1,720,134	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	-	-	\$603,665	\$365,217	\$751,252	\$1,720,134
TOTAL		\$0	\$0	\$603,665	\$365,217	\$751,252	\$1,720,134

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.

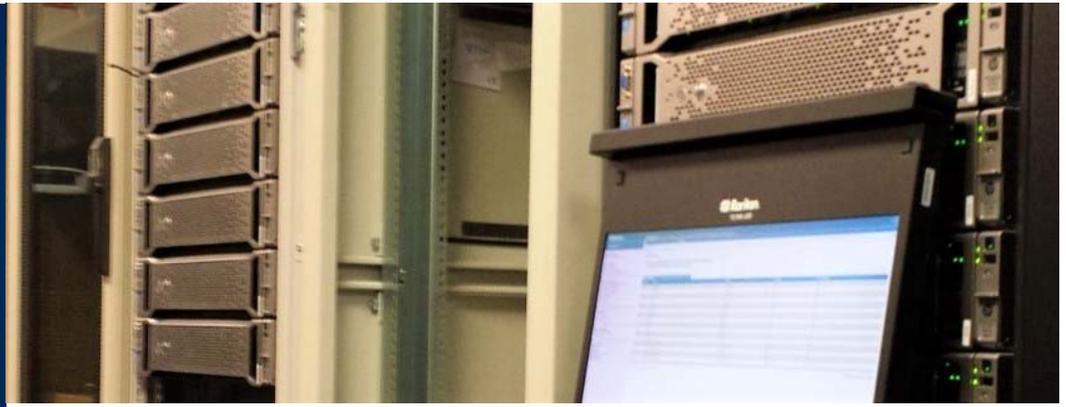


PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



NETWORK COMMUNICATION SYSTEM

PROJECT NUMBER 470826W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

The Network Communications Systems Project will upgrade and create redundancies in the communication network to improve the communication backbone and improve system functionality, efficiency, reliability, and cybersecurity.

PROJECT STATUS

Estimated completion by Spring 2021.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost \$2,880,776	Prior Years Funding * \$1,716,618	Five Year Plan \$1,164,158	REMAINING NEEDED \$0
--	---	--------------------------------------	--------------------------------

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$223,793	\$230,171	\$710,194	-	-	\$1,164,158
TOTAL		\$223,793	\$230,171	\$710,194	\$0	\$0	\$1,164,158

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



LAND MOBILE RADIO

PROJECT NUMBER 470827W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

A new Land Mobile Radio (LMR) system is being installed and implemented. LMR is a wireless communications system intended for use by terrestrial users in vehicles (mobiles) or on foot (portables). The new system should capitalize on digital technology known as frequency division multiple access (FDMA). The new LMR system will supply new antennas to provide citywide coverage, provide a new dispatcher console, coexist with the current analog LMR system, be based on FDMA technology, support narrow channels, enable trunked modes of operation for both analog and digital modulations, have multiple talk groups, and support private calling. It will also be Advanced Encryption and Data Encryption Standard encrypted and be capable of Over the Air Programming (OTAP).

PROJECT STATUS

Phase II to be started in FY 2021/22.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$322,240	\$0	\$322,240	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	-	\$322,240	-	-	-	\$322,240
TOTAL		\$0	\$322,240	\$0	\$0	\$0	\$322,240

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



MOBILE APPLICATIONS

PROJECT NUMBER 470831W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Mobile Apps increase operational efficiency and safety by providing real-time information to field personnel when and where they need it; ensure system configuration and status is always known by the personnel operating the system; reduce the need for paper-based maps, plans, and work orders; reduce the as-built record keeping effort; and enable field operation personnel to share real time information with system operators and engineers.

PROJECT STATUS

Implementation of mobile applications to support work orders and asset management planned in 2022.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$503,054	\$0	\$503,054	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	-	-	\$503,054	-	-	\$503,054
TOTAL		\$0	\$0	\$503,054	\$0	\$0	\$503,054

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



SCADA UPGRADE & SYSTEM AUTOMATION

PROJECT NUMBER 470832W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

Provides for the necessary upgrades to the water system which monitors and controls operation of the water transmission and distribution 24 hours a day, 365 days a year. This includes physical security upgrades required for regulatory compliance as part of system improvements. Also includes hardware and network upgrades as part of advanced technology improvements.

PROJECT STATUS

Upgrade to the current version of Water SCADA system. The project is currently in the bidding process and estimated to take three (3) years to complete.

OPERATING BUDGET IMPACT

The one-year operating budget and five-year plan include ongoing annual maintenance costs.

PROJECT FUNDING OVERVIEW

Total Project Cost	Prior Years Funding *	Five Year Plan	REMAINING NEEDED
\$5,424,706	\$652,776	\$4,771,930	\$0

1-YEAR BUDGET AND 5-YEAR PLAN

Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$671,380	\$920,686	\$946,925	\$730,435	\$1,502,504	\$4,771,930
TOTAL		\$671,380	\$920,686	\$946,925	\$730,435	\$1,502,504	\$4,771,930

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



PRIORITIZATION CATEGORIES

- Risk to Health, Safety and Environment
- Regulatory or Mandated Requirements
- Asset Condition, Annual Recurring Costs and Asset Longevity
- Community Investment and Economic Prosperity
- Level and Quality of Service
- Sustainability and Conservation
- Funding Availability
- Project Readiness
- Multiple Category Benefit and Bundling Opportunities

NEW OR EXISTING

- New Infrastructure / Facility
- Existing Infrastructure / Facility



POTABLE/IRRIGATION WELL REPLACEMENT

PROJECT NUMBER 470833W **COUNCIL WARD** All Wards
PROJECT CATEGORY Water Utility
PROJECT LOCATION Citywide

PROJECT DESCRIPTION

This is an ongoing program that involves the construction of new and/or replacement potable/irrigation well facilities.

PROJECT STATUS

Ongoing program to design and construct new wells to replace existing aged or under producing water supply wells.

OPERATING BUDGET IMPACT

Not identifiable for ongoing project.

PROJECT FUNDING OVERVIEW

Total Project Cost Ongoing	Prior Years Funding * \$3,018,659	Five Year Plan \$11,609,654	REMAINING NEEDED Ongoing
--------------------------------------	---	---------------------------------------	------------------------------------

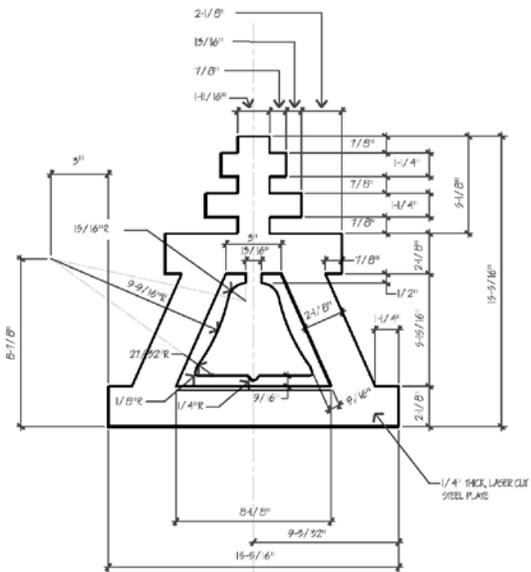
1-YEAR BUDGET AND 5-YEAR PLAN

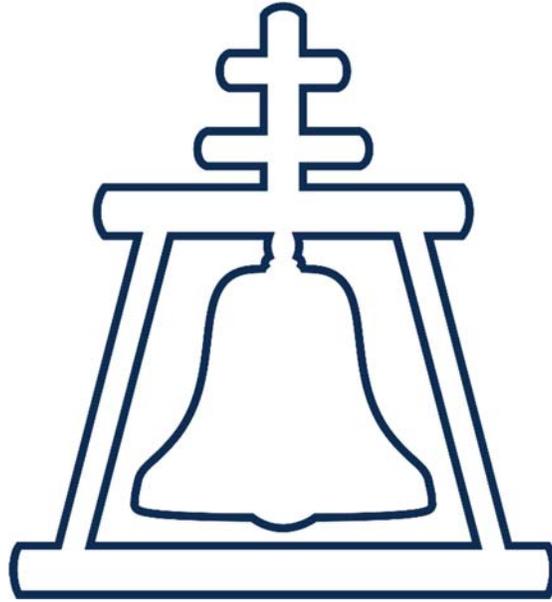
Fund	Funding Source	2020/21	2021/22	2022/23	2023/24	2024/25	TOTAL
520	Water Fund	\$2,797,417	\$575,429	\$4,497,896	\$608,695	\$3,130,217	\$11,609,654
TOTAL		\$2,797,417	\$575,429	\$4,497,896	\$608,695	\$3,130,217	\$11,609,654

* Prior Years Funding includes appropriations and adjustments to appropriations through June 2020.



NOTES

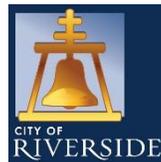




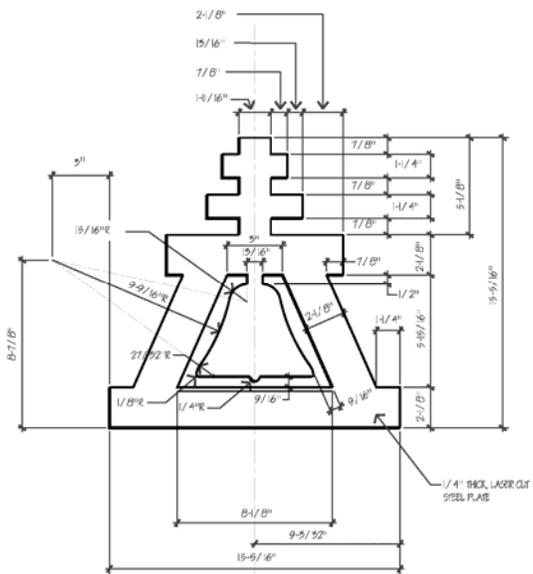
CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

Appendix



NOTES



Capital Improvement Program
Unfunded Needs Projects Summary

PRIORITY ORDER	PROJECTS BY CATEGORY	TOTAL ESTIMATED PROJECT COST	UNFUNDED AMOUNT
Airport			
1	AIRPORT FACILITIES TERMINAL PATIO DECK	\$150,000	\$16,726
2	UPGRADE TERMINAL RESTROOMS ADA	66,600	66,600
3	AIRPORT - TAXIWAY J REHAB	1,665,000	1,582,500
4	AIRPORT RUNWAY 16/34 REHABILITATION	795,000	751,275
Total		\$2,676,600	\$2,417,101
Municipal Buildings and Facilities			
1	MAGNOLIA STATION ROOF REPAIR	\$100,000	\$100,000
2	ARLANZA LIBRARY ROOF REPAIR	20,000	20,000
3	FOX ROOF REPAIRS	75,000	75,000
4	RIVERSIDE MUNICIPAL AUDITORIUM ROOF	50,000	50,000
5	ORANGE STATION MECHANICAL ROOM REPAIRS	20,000	20,000
6	MAGNOLIA SHOPPING CENTER - ROOF	200,000	200,000
7	FIRE STATION 2 ROOF REPLACEMENT	350,000	350,000
8	MARCY HVAC REPLACEMENT	150,000	150,000
9	ORANGE STATION BASEMENT ELEVATOR	100,000	100,000
10	CITYWIDE ADA FACILITY IMPROVEMENTS - IDENTIFIED CITYWIDE	100,000	100,000
11	RMA ADA ELEVATOR	100,000	100,000
12	SECURITY SYSTEMS - ALL	100,000	100,000
13	MAGNOLIA STN SECURITY CAMERA'S	40,000	40,000
14	FIRE STATION 9 - SECURITY FENCING	40,000	40,000
15	FOX THEATER CARPET REPLACEMENT	350,000	350,000
16	RIVERSIDE MUNICIPAL AUDITORIUM HVAC	125,000	125,000
17	CONVENTION CENTER COOLING TOWER REPLACEMENT	57,000	57,000
18	LINCOLN SEC IMPROVEMENTS CAMERAS & CARD READERS	35,000	35,000
19	CITY HALL - INSTALL FIRE SUPPRESSION SYSTEM IN BASEMENT (IT SYSTEM)	250,000	250,000
20	CORP YARD EV CHARGERS	41,000	41,000
21	FOX PILLAR CRACKS	25,000	25,000
22	FIRE STATION 10 - SECURITY FENCING	40,000	40,000
23	POLICE DEPARTMENT AVIATION FUEL TANK REPLACEMENT	220,000	220,000
24	POLICE DEPARTMENT MAGNOLIA SPRINKLER LINE REMOVAL AND SECURITY IMPROVEMENTS	40,000	40,000
25	METRO MUSEUM EXPANSION AND REHABILITATION	22,053,000	8,253,780
26	EASTSIDE LIBRARY	15,000,000	15,000,000
27	FIRE STATION 4, 7, 8 - TRANSFER SWITCH REPLACEMENT	141,000	141,000
28	CORPORATION YARD PARKING LOT REPAVING - PHASE III	1,200,000	1,200,000
29	MAGNOLIA STN SLURRY EMP PARKING	75,000	25,000
30	LINCOLN ABOVE GROUND GAS TANK	200,000	200,000
31	CONVENTION CENTER CARPET REPLACEMENT	350,000	350,000
32	MAGNOLIA SHOPPING CENTER - PARKING LOT REHAB	800,000	800,000
33	MUNI AUDITORIUM - CARPET REPLACEMENT & WOOD FLOOR REPAIR	150,000	150,000
34	MAGNOLIA STATION REMEDIAL WORK	25,000	25,000
35	LINCOLN PARKING LOT	400,000	400,000
36	FIRE STATION 11, 12, 13 - APPARATUS DOOR REPLACEMENT	80,472	80,472
37	FIRE STATION 10 APPARATUS BAY EXPANSION	75,000	75,000
38	RIVERSIDE MUNICIPAL AUDITORIUM RIGGING/STAGE SAFETY	100,000	100,000
39	MAG & LINC STATION FLOORING	180,000	180,000
40	CONVENTION CENTER INTERNET TECHNOLOGY	100,000	100,000
41	MAGNOLIA SHOPPING CENTER - COMMON AREA REPAIRS	50,000	50,000
42	MAGNOLIA SHOPPING CENTER - UNDERGROUND WATER LINE REPLACEMENT	100,000	100,000
43	RIVERSIDE MUNICIPAL AUDITORIUM STAGE LIFT	100,000	100,000
44	HARADA HOUSE - ROBINSON HOUSE REHAB	450,028	450,028
45	HARADA HOUSE RESTORATION AND HISTORIC PRESERVATION	4,320,000	4,320,000
46	FIRE STATION 2 - BATTALION OFFICE & BATH REMODEL	40,000	40,000
47	RIVERSIDE MUNICIPAL AUDITORIUM ELECTRICAL UPGRADE	200,000	200,000
48	FIRE STATION 12 CARPET/FLOORING	25,000	25,000
49	FIRE STATION 10 - BATH, KITCHEN & REC ROOM REMODEL	125,000	125,000
50	FIRE STATION 12 - KITCHEN REMODEL	20,000	20,000
51	FIRE STATION 9 KITCHEN REMODEL, CARPET AND PAINT	100,000	100,000
52	MUNICIPAL AUDITORIUM - NEW ELECTRONIC SIGN	50,000	50,000
53	FIRE EOC DATA CTR SPRINKLER REMOVAL/SEC IMPR	480,000	480,000
54	FIRE STATION 3 METAL PARKING STRUCTURE/COVER	178,000	178,000
55	LINCOLN STATION - PARKING COVER	40,000	40,000
56	MAGNOLIA STN PERIMETER WALL EXT	\$50,000	\$50,000

Capital Improvement Program
Unfunded Needs Projects Summary

PRIORITY ORDER	PROJECTS BY CATEGORY	TOTAL ESTIMATED PROJECT COST	UNFUNDED AMOUNT
Municipal Buildings and Facilities (continued)			
57	MAGNOLIA STN ALUMINIUM COVER FOR VEHICLES	\$25,000	\$25,000
58	CASA BLANCA LIBRARY CARPET	50,000	50,000
59	CONVENTION CENTER ANNEX/EXPANSION/EVENTS CENTER	80,000,000	80,000,000
60	HERITAGE HOUSE RENOVATION	960,000	960,000
61	MUNI AUDITORIUM - ELEVATOR/LIFT FOR ADA ACCESS TO THIRD FLOOR	300,000	300,000
62	RUMSEY 2 - FIRE PANEL, HVAC, COMPACT SHELVING, SPRINKLER RETROFIT	510,000	510,000
63	RUMSEY 1 - HVAC SYSTEM UPGRADE AND SPRINKLER RETROFIT	225,000	225,000
64	CONVENTION CENTER PLAZA LIGHTING	50,000	50,000
65	METRO MUSEUM SOROPTOMIST STONES RELOCATION	50,000	50,000
66	MUSEUM STORAGE COLLECTION FACILITY	16,000,000	16,000,000
67	RIVERSIDE MUNICIPAL AUDITORIUM REFURBISHMENT	265,000	265,000
68	DOWNTOWN PARKING GARAGE	15,000,000	15,000,000
Total		\$163,320,500	\$149,471,280
Innovation and Technology			
1	DATACENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS	\$3,099,479	\$189,983
2	WORK-ORDER/ASSET MANAGEMENT SYSTEM MAJOR UPGRADE	3,234,900	3,234,900
3	DATA NETWORK REPLACEMENT	4,291,735	1,319,481
4	VOICE OVER IP (VOIP) TELECOMMUNICATIONS SYSTEM UPGRADES	965,000	965,000
5	VOICE OVER IP (VOIP) TELECOMMUNICATIONS SYSTEM - FULL REPLACEMENT	2,400,000	2,400,000
6	ENTERPRISE RESOURCE PLANNING SYSTEM REPLACEMENT	18,000,000	18,000,000
Total		\$31,991,114	\$26,109,364
Parks, Recreation, and Community Services			
1	BOBBY BONDS PARK ARTIFICIAL TURF REFURBISHMENT	\$700,000	\$414,655
2	LA SIERRA PARK PLAYGROUND RESURFACE	150,000	150,000
3	BOBBY BONDS PARK - PLAYGROUND AREA LIGHTING IMPROVEMENT	35,000	35,000
4	FAIRMOUNT PARK -LAKE EVANS WATER QUALITY (SOLARBEE)	65,000	65,000
5	WARD 3 ADA IMPROVEMENTS	70,269	70,269
6	CITYWIDE PARKING LOT REHABILITATION	500,000	500,000
7	RIVERWALK GOLDEN/SCHUYLER PLAYGROUND SURFACING	105,321	105,321
8	SYCAMORE HIGHLANDS PARK - PLAYGROUND POURED-IN-PLACE SURFACING REPLACEMENT	35,534	35,534
9	PARK SYSTEM ADA IMPROVEMENTS	45,000,000	45,000,000
10	COLLETT PARK PLAYGROUND EQUIPMENT REPLACEMENT	295,000	295,000
11	DARIO VASQUEZ PARK - PLAYGROUND SURFACING REPLACEMENT	100,000	100,000
12	FAIRMOUNT PARK LAKE DREDGING	400,000	400,000
13	MOUNTAIN VIEW PARK - PLAYGROUND POURED-IN-PLACE SURFACING REPLACEMENT	125,000	125,000
14	RIVERWALK PLAYGROUND SURFACING	105,321	105,321
15	BORDWELL PARK - ADDITIONAL ADA PARKING STALLS	25,000	25,000
16	MOUNT RUBIDOUX PARK - TRAILS AND FIREBREAK REPAIR AND MODIFICATION	108,000	108,000
17	BOBBY BONDS PARKS CESAR CHAVEZ COMMUNITY CENTER RESTROOM RENOVATION	150,000	150,000
18	BORDWELL PARK BASKETBALL REPLACEMENT	165,000	165,000
19	CASTLEVIEW PARK - PLAYGROUND SURFACING REPLACEMENT	100,000	100,000
20	MOUNT RUBIDOUX PARK SHADE STRUCTURES	175,000	175,000
21	FAIRMOUNT PARK LAKE EVANS LAKESHORE ACCESS	950,000	625,000
22	BORDWELL PARK ADA WALKWAY	32,000	32,000
23	DON LORENZI PARK ADA IMPROVEMENTS	80,000	80,000
24	FAIRMOUNT PARK - RENOVATE THE OLD BLDG. FOR BIKE RENTAL	35,000	35,000
25	NICHOLS PARK IMPROVEMENTS	647,500	647,500
26	VILLEGAS PARK - COMMUNITY CENTER AREA ROOF REPLACEMENT. - NEEDED IN YEAR 2020.	210,000	210,000
27	BERGAMONT PARK - REPLACE PLAYGROUND EQUIPMENT AND SURFACE	350,000	350,000
28	BOBBY BONDS PARK - YOUTH OPPORTUNITY CENTER ROOF SKYLIGHT REPAIR	35,500	35,500
29	CITYWIDE WATER CONSERVATION PROJECTS	500,000	500,000
30	COLLETT PARK - SHADE SHELTER WOOD LATTICE ROOF REPLACEMENT - THREE TOTAL	32,000	32,000
31	DON DERR PARK - BASKETBALL COURT RESURFACING	30,000	30,000
32	DON JONES PARK - REMOVE AND REPLACE EXISTING CONCESSION BUILDING	450,000	450,000
33	DON LORENZI PARK RESTROOM	412,000	412,000
34	ISLANDER PARK WADING POOL REPLACEMENT	375,000	375,000
35	LINCOLN PARK BASKETBALL COURT IMPROVEMENTS	25,000	25,000
36	WHITE PARK ADA CONCRETE REPLACEMENT	150,000	150,000
37	ANDULKA PARK WADING POOL	375,000	375,000
38	ARLINGTON HEIGHTS SPORTS PARK WADING POOL FILTRATION SYSTEM	375,000	375,000
39	BRYANT PARK TENNIS COURT LIGHTING	\$190,000	\$190,000

Capital Improvement Program
Unfunded Needs Projects Summary

PRIORITY ORDER	PROJECTS BY CATEGORY	TOTAL ESTIMATED PROJECT COST	UNFUNDED AMOUNT
Parks, Recreation, and Community Services (continued)			
40	CITYWIDE PARK LAND ACQUISITION	\$110,000	\$110,000
41	CITYWIDE PARK LAND ACQUISITION II	30,000,000	30,000,000
42	CITYWIDE AUTOMATIC DOOR LOCKING SYSTEM	280,000	280,000
43	DOTY TRUST PARK WADING POOL	325,000	325,000
44	FAIRMOUNT PARK SPLASH PAD POOL FILTRATION SYSTEM	325,000	325,000
45	INDIAN HILL ACQUISITION	375,000	375,000
46	ORANGE TERRACE PARK WADING POOL	325,000	325,000
47	PATTERSON PARK MASTER PLAN IMPROVEMENTS	7,200,000	7,200,000
48	BORDWELL PARK - MODERNIZE PARK RESTROOMS (KANSAS SIDE)	150,000	150,000
49	CITYWIDE POOL REFURBISHMENT	1,300,000	1,300,000
50	FAIRMOUNT PARK - SPOILS AREA - INVASIVE SPP. CLEARANCE	75,000	75,000
51	FAIRMOUNT PARK ARMORY CONVERSION	250,000	250,000
52	GOESKE SENOR CENTER PARKING LOT IMPROVEMENTS	50,000	50,000
53	HUNT PARK - POOL FILTER REPLACEMENTS (3 TANKS)	46,500	46,500
54	HUNTER PARK - INSTALLATION OF PLAYGROUND SHADE	75,000	75,000
55	ISLANDER PARK - POOL FILTER TANK REPLACEMENT (3 TANKS)	45,000	45,000
56	RUTLAND PARK - PAR COURSE REPLACEMENT WITH NEW EQUIPMENT	50,000	50,000
57	SHAMEL PARK - POOL FILTER REPLACEMENT(3 TANKS)	46,000	46,000
58	VILLEGAS PARK - WADING POOL	690,000	650,000
59	CASTLEVIEW PARK - DESIGN AND CONSTRUCTION OF PARK.	11,506,000	11,506,000
60	CITYWIDE - TRAILS - GAGE CANAL TRAIL IMPROVEMENTS	13,708,509	10,000,000
61	CITYWIDE COMMUNITY CENTER WI-FI	156,000	156,000
62	DON JONES PARK DECOMPOSED PATH 450LF	50,000	50,000
63	DON JONES PARK DECOMPOSED PATH 650LF	75,000	75,000
64	DON JONES PARK FENCE ADJUSTMENT	84,000	84,000
65	FAIRMOUNT PARK WILDERNESS AREA IMPROVEMENTS	1,500,000	1,500,000
66	HOLE LAKE FUTURE PARK SITE	12,000,000	12,000,000
67	MARTHA MCLEAN DESIGN STUDY	50,000	50,000
68	LOW PARK MASTERPLAN	5,100,000	5,100,000
69	BERGAMONT PARK - PLAYGROUND SHADE SAILS	85,000	85,000
70	BOBBY BONDS PARK - CESAR CHAVEZ ROOF REPLACEMENT	335,000	335,000
71	DON DERR PARK RESTROOM & CONCESSION BUILDING REPLACEMENT	1,100,000	1,100,000
72	FAIRMOUNT PARK - BOATHOUSE DECK REPAIRS	150,000	150,000
73	FAIRMOUNT PARK - GOLF COURSE - ADD 50' NETTING ALONG FREEWAY (2000 LF)	300,000	300,000
74	FAIRMOUNT PARK - GOLF COURSE - NEW 75' NET/POST ALONG FIELD LANE (450 LF)	204,077	204,077
75	FAIRMOUNT PARK - LAKE EVANS SPILLWAY IMPROVEMENTS, EROSION CONTROL	150,000	150,000
76	FAIRMOUNT PARK - ROAD MAINTENANCE ON DEXTER EAST SIDE OF LAKE	225,000	225,000
77	FAIRMOUNT PARK - ROAD MAINTENANCE ON OTHER STREETS	225,000	225,000
78	FAIRMOUNT PARK - STORM DRAIN CLEARING - UNIVERSAL PLAYGROUND PARKING LOT	75,000	75,000
79	FAIRMOUNT PARK GOLF COURSE NET REPLACEMENT	65,000	65,000
80	GOESKE PARK - SENIOR CENTER - REPLACE SKYLIGHT AND REPAIR ROOF	75,000	75,000
81	NICHOLS COMMUNITY CENTER RENOVATION	14,753,460	14,615,460
82	ORANGE TERRACE PARK - COMMUNITY CENTER GYM FLOOR REPAIR AND REFINISH	204,077	204,077
83	TAFT PARK - SHADE STRUCTURE FOR PLAYGROUND	95,000	95,000
84	ARLINGTON PARK SHADE STRUCTURE II	94,000	94,000
85	ARLINGTON PARK SHADE STRUCTURE	115,000	115,000
86	CARLSON PARK IRRIGATION	125,000	125,000
87	COLLETT PARK IMPROVEMENTS	90,000	90,000
88	LA SIERRA PARK EXERCISE STATIONS	125,000	125,000
89	AIRPORT PARK	1,500,000	1,500,000
90	REID PARK BASKETBALL HOOP ADJUSTMENT SYSTEM	25,000	25,000
91	SYCAMORE CANYON WILDERNESS PARK	1,929,000	1,929,000
92	SYCAMORE HIGHLANDS PARK WADING POOL	325,000	325,000
93	VILLEGAS PARK MP PHASE II EXERCISE STATIONS	175,000	175,000
94	FAIRMOUNT PARK - LOCOMOTIVE REPAIRS/PAINTING (SPECIALTY PAINT)	100,000	100,000
95	FAIRMOUNT PARK - REPAIR PLASTER/PAINT OLD RR BUILDING	25,000	25,000
96	FAIRMOUNT PARK SPRING BROOK WASH RENOVATION	975,000	975,000
97	LA SIERRA PARK - LA SIERRA COMMUNITY CENTER HVAC REPLACEMENT	51,500	51,500
98	LA SIERRA PARK - LA SIERRA COMMUNITY CENTER PAINT INTERIOR AND EXTERIOR	36,000	36,000
99	LINCOLN PARK - PLAYGROUND LIGHTING	45,000	45,000
100	ORANGE TERRACE PARK COMMUNITY CENTER FLOOR REPLACEMENT	103,000	103,000
101	REID PARK - COMMUNITY CENTER RENOVATION	850,000	850,000
102	BORDWELL PARK - DESIGN AND CONSTRUCTION OF GYMNASIUM	\$4,738,000	\$4,738,000

Capital Improvement Program
Unfunded Needs Projects Summary

PRIORITY ORDER	PROJECTS BY CATEGORY	TOTAL ESTIMATED PROJECT COST	UNFUNDED AMOUNT
Parks, Recreation, and Community Services (continued)			
103	CARLSON PARK ST. FRANCIS FALLS RESTORATION	\$600,000	\$600,000
104	CITYWIDE - TRAILS - MWD BOX SPRINGS FEEDER TRAIL IMPROVEMENTS	5,900,000	5,900,000
105	CITYWIDE - TRAILS - SEVEN MILE TRAIL IMPROVEMENTS	19,625,000	19,625,000
106	DON JONES PARK EXERCISE STATIONS	120,000	120,000
107	DON LORENZI PARK EXERCISE PATH	115,000	115,000
108	DOTY TRUST PARK - SLOPE STABILIZATION AT BACK OPEN SPACE TRAIL CONNECTIONS.	60,000	60,000
109	FAIRMOUNT PARK - GOLF COURSE - EXPAND AND RENOVATE CART PATHS	250,000	250,000
110	FAIRMOUNT PARK LANDSCAPE AND TURF CONVERSION	125,000	125,000
111	FAIRMOUNT PARK - NORTH HILL (CURB AND GUTTER, SIDEWALK, TRAIL, PICNIC TABLE)	750,000	750,000
112	ISLANDER PARK IMPROVEMENTS	3,500,000	3,500,000
113	SWANSON PARK - SMALL PLAYGROUND FEATURES	250,000	250,000
114	FAIRMOUNT PARK - LAWN BOWLING BUILDING REPLACEMENT AND SITE IMPROVEMENTS	650,000	650,000
115	FAIRMOUNT PARK - REPAIR RUN OFF CATCH BASIN/WATER RETENTION AREA	300,000	300,000
116	HUNT PARK - PAINT COMMUNITY CENTER INTERIOR	25,000	25,000
117	HUNT PARK - REPLACE ONE PARTITION USED TO ACCOMMODATE RENTALS AND CLASSES	30,000	30,000
118	LINCOLN PARK - SECURITY CAMERAS	75,000	75,000
119	MARTHA MCLEAN PARK - REMOVE AND REPLACE EXISTING RESTROOM	575,000	575,000
120	ORANGE TERRACE PARK PARTITION	30,000	30,000
121	SHAMEL PARK SHAMEL POOL BUILDING	1,250,000	1,250,000
122	SHAMEL PARK WADING POOL REPLACEMENT	425,000	425,000
123	TAFT PARK - REPLACEMENT OF EXISTING PLAYGROUND EQUIPMENT	500,000	500,000
124	ANDULKA PARK - DRAINAGE AND LANDSCAPING IMPROVEMENTS AROUND TENNIS COURTS	100,000	100,000
125	BOBBY BONDS PARK - CESAR CHAVEZ AUDITORIUM - ACOUSTICS AND SOUND SYSTEM	103,000	103,000
126	BOBBY BONDS PARK - CESAR CHAVEZ AUDITORIUM - STAGE LIGHTING	77,000	77,000
127	DON LORENZI PARK FITNESS EQUIPMENT	135,000	135,000
128	DON LORENZI PARK PLAYGROUNDS	650,000	650,000
129	FAIRMOUNT PARK - DESIGN AND CONSTRUCT NEW VISITOR CENTER 2500 SF	500,000	500,000
130	FAIRMOUNT PARK COURT PARKING LOT	250,000	250,000
131	FAIRMOUNT PARK HISTORIC CORE PHASE III	2,250,000	2,250,000
132	FAIRMOUNT PARK - GOLF COURSE - PITCH AND PUTT COURSE	950,000	950,000
133	GOESKE SENIOR CENTER IMPROVEMENTS	25,000	25,000
134	GOLDEN STAR PARK	8,880,000	8,880,000
135	HIGHLAND PARK - COMMUNITY CENTER AND SITE IMPROVEMENTS	1,750,000	1,750,000
136	HIGHLAND PARK - PLAYGROUND IMPROVEMENTS	250,000	250,000
137	HIGHLAND PARK - WALKING PATH AROUND PARK WITH AREA LIGHTING	275,000	275,000
138	HOLE LAKE FUTURE PARK SITE - TRAIL HEAD IMPROVEMENTS ON 7.7 AC	850,000	850,000
139	HUNTER PARK IMPROVEMENTS	65,000	65,000
140	LINCOLN PARK FRUIT TREE GROVE GARDEN IMPROVEMENTS	65,000	65,000
141	MISSION RANCH PARK DESIGN AND CONSTRUCTION	13,000,000	13,000,000
142	MOUNT VERNON FUTURE PARK	4,000,000	4,000,000
143	REID PARK CLUBHOUSE IMPROVEMENTS	120,000	120,000
144	REID PARK IMPROVEMENTS	28,125,000	28,125,000
145	RYAN BONAMINIO PARK AT TEQUESQUITE ARROYO SPLASH PAD	550,000	550,000
146	VILLEGAS PARK MP PHASE II JOGGING PATH	900,000	900,000
147	VILLEGAS PARK - MP PHASE II FIELD IMPROVEMENTS	105,000	105,000
148	FAIRMOUNT PARK - FAIRMOUNT/HISTORIC CORE PHASE II (RESTROOM REPLACEMENT)	700,000	700,000
149	FAIRMOUNT PARK - IZAAK WALTON KITCHEN AND RESTROOM MODERNIZATION	75,000	75,000
150	FAIRMOUNT PARK - LAKE EVANS WEIR BOX REPAIR	115,000	115,000
151	FAIRMOUNT PARK - R&R ROSE GARDEN GAZEBO AND ARCHES	75,000	75,000
152	FAIRMOUNT PARK SECURITY CAMERA SYSTEM	200,000	200,000
153	HUNT PARK - ADD EXTERIOR PAINTING OF COMMUNITY CENTER, POOL BLDG & PARK RESTROOM	75,000	75,000
154	REID PARK - CLUBHOUSE KITCHEN IMPROVEMENTS	85,000	85,000
155	THUNDERSKY PARK - REPLACEMENT OF EXISTING PLAYGROUND EQUIPMENT	500,000	500,000
156	CITYWIDE ACTION SKATE PARKS	6,000,000	6,000,000
157	FAIRMOUNT PARK - DEXTER PARKING LOT(NW OF LAKE EVANS) & LIGHTS W/120 SPACES	504,000	504,000
158	FAIRMOUNT PARK - FAIRMOUNT PARK BANKS INTERSECTION/PEDESTRIAN ACCESS	350,000	350,000
159	FAIRMOUNT PARK HISTORIC CORE PHASE I	1,250,000	1,250,000
160	FAIRMOUNT PARK - KITCHEN UPGRADE AT THE BOATHOUSE	65,000	65,000
161	FAIRMOUNT PARK - MARKET STREET FRONTAGE IMPROVEMENT - ENHANCE ENTRY AT REDWOOD.	65,000	65,000
162	FAIRMOUNT PARK PEDESTRIAN SIDEWALK	60,000	60,000
163	GOESKE SENIOR CENTER EXERCISE ROOM REPLACEMENT	30,000	30,000
164	LA SIERRA PARK COMMUNITY CENTER IMPROVEMENTS	90,000	90,000
165	MARTHA MCLEAN PARK - VARIOUS IMPROVEMENTS THROUGHOUT PARK	\$2,250,000	\$2,250,000

Capital Improvement Program
Unfunded Needs Projects Summary

PRIORITY ORDER	PROJECTS BY CATEGORY	TOTAL ESTIMATED PROJECT COST	UNFUNDED AMOUNT
Parks, Recreation, and Community Services (continued)			
166	MOUNT RUBIDOUX PARK - SAN ANDREAS AVE. STREETScape AND DRAINAGE IMPROVEMENTS	\$175,000	\$175,000
167	MOUNT VERNON OPEN SPACE - TRAIL IMPROVEMENTS INCLUDING IMPROVEMENTS ON PARK SITE	1,700,000	1,700,000
168	RYAN BONAMINIO PARK AT TEQUESQUITE ARROYO SIGNAGE	125,000	125,000
169	SWANSON PARK IMPROVEMENTS	100,000	100,000
170	VILLEGAS PARK - MP PHASE II	85,000	85,000
171	VILLEGAS PARK - MP PHASE II - SYNTHETIC SOCCER FIELD TO REPLACE EXISTING FIELD	1,500,000	1,500,000
172	MOUNTAIN VIEW PARK CAMERA SYSTEM	30,000	30,000
173	ARLANZA COMMUNITY GARDEN IMPROVEMENTS	120,000	120,000
174	CHALLEN PARK IMPROVEMENTS	1,875,000	1,875,000
175	FAIRMOUNT PARK - FUTURE QUARRY AREA IMPROVEMENTS	1,500,000	1,500,000
176	FAIRMOUNT PARK DRIVING RANGE IMPROVEMENTS	45,000	45,000
177	FAIRMOUNT PARK - MARKET STREET FRONTAGE IMPROVEMENT - NEW DECORATIVE FENCING	100,000	100,000
178	FAIRMOUNT PARK - SCOUT CAMP RENOVATION (ROPES CHALLENGE COURSE)	220,000	220,000
179	GOESKE PARK - SENIOR CENTER - NEW SENIOR PLAYGROUND AND FITNESS EQUIPMENT	375,000	375,000
180	GOESKE SENIOR CENTER - DESIGN AND CONSTRUCTION TO ADD KITCHEN AC - REVIEW SCOPE	42,000	42,000
181	GOESKE SENIOR CENTER - NEW MARQUEE - LED MOTION SIGN - REVIEW SCOPE	85,000	85,000
182	LA SIERRA PARK - PICNIC SHELTER FENCING AT \$200/L.F. BY 400'	80,000	80,000
183	NORTH PARK - STAGE OR AREA TO ALLOW MUSIC, EATING LUNCH, READING, ETC. WI-FI	100,000	100,000
184	ORANGE TERRACE PARK COMMUNITY CENTER KITCHEN UPGRADES	125,000	125,000
185	TEQUESQUITE OPEN SPACE IMPROVEMENTS	2,750,000	2,750,000
186	TEQUESQUITE OPEN SPACE IMPROVEMENTS II	3,200,000	3,200,000
187	VILLEGAS PARK - MP PHASE II JOGGING PATH	85,000	85,000
188	ARLINGTON HEIGHTS SPORTS PARK	75,000	75,000
189	ARLINGTON PARK - CHALLENGE COURSE - PRO 4000 WITH 40 YARD DASH	410,000	410,000
190	BORDWELL PARK - CHALLENGE COURSE - PRO 4000 WITH 40 YARD DASH	350,000	350,000
191	HUNT PARK FENCING	100,000	100,000
192	NORTH PARK - FENCE ALONG PARKING LOT TO ISOLATE PARK	100,000	100,000
Total		\$296,149,568	\$291,652,714
Electric			
1	RIVERSIDE TRANSMISSION RELIABILITY PROJECT (RTRP)*	\$162,756,354	\$58,515,523
2	GIS UPGRADES/INTEGRATIONS, CUSTOMER ENGAGEMENT PORTAL & OTHER SYSTEM AUTOMATION	4,015,000	4,015,000
3	DISTRIBUTION TRANSFORMER LOAD MANAGEMENT SYSTEM	1,000,000	1,000,000
4	NEW HUNTER SUBSTATION	28,000,000	28,000,000
5	ADVANCED METERING INFRASTRUCTURE	27,663,930	12,267,025
6	CABLE REPLACEMENT - ARLINGTON AND ARLANZA	12,000,000	12,000,000
7	REMOTE MONITORING OF SUBSTATION TRANSFORMERS AND 69KV EQUIPMENT	8,000,000	8,000,000
Total		\$243,435,284	\$123,797,548
Water			
1	HCP (WEST)	\$6,500,000	\$6,500,000
2	PALM MEADOWS AND GARNER B TREATMENT PLANT	3,500,000	3,500,000
3	SEVEN OAKS DAM RECHARGE - ACTIVE RECHARGE PROGRAM	5,000,000	5,000,000
4	ADDITIONAL WELL REPLACEMENTS	6,000,000	6,000,000
5	JW NORTH TREATMENT PLANT UPGRADE	1,000,000	1,000,000
6	RECYCLED WATER (JACKSON ST. PHASE I - FACILITIES AND SITE CONVERSIONS)	12,741,343	1,021,240
7	VICTORIA AVE TRANSMISSION MAIN	5,000,000	5,000,000
8	ADVANCED METERING INFRASTRUCTURE	16,247,070	6,277,655
Total		\$55,988,413	\$34,298,895
Public Parking			
1	REPLACE GARAGES 1 & 2	\$32,000,000	\$32,000,000
Total		\$32,000,000	\$32,000,000
Railroad			
1	BNSF/THIRD STREET GRADE SEPARATION	\$55,500,000	\$49,449,275
2	PHASE II GRADE SEPARATION PROGRAM (SPRUCE, JACKSON AND/OR MARY)	109,500,000	109,500,000
Total		\$165,000,000	\$158,949,275

Capital Improvement Program
Unfunded Needs Projects Summary

PRIORITY ORDER	PROJECTS BY CATEGORY	TOTAL ESTIMATED PROJECT COST	UNFUNDED AMOUNT
Sewer			
1	RWQCP REHABILITATION - PHASE II	\$500,000	\$130,837
2	DEXTER WASTEWATER	1,200,000	1,034,593
3	FAIRGROUNDS WASTEWATER	1,200,000	1,031,396
4	WASTEWATER LIFT STATIONS	2,000,000	1,715,371
5	BIO-SOLIDS HANDLING REHABILITATION	2,840,000	364,010
6	TERTIARY SYSTEM REHAB - PHASE I	4,850,000	3,739,196
7	PLANT II BLOWER NO. II REHABILITATION	1,452,615	405,745
8	POTABLE/RECYCLED WATER SYSTEM PIPELINE REHABILITATION - PHASE II	1,000,000	1,000,000
Total		\$15,042,615	\$9,421,148
Storm Drain			
1	NORTH ORANGE ST STORM DRAIN PROJECT	\$150,000	\$150,000
2	CYPRESS AVE STORM DRAIN PROJECT	1,250,000	1,250,000
3	FOURTEENTH ST UNDERPASS PUMP STATION PROJECT	3,200,000	3,200,000
Total		\$4,600,000	\$4,600,000
Transportation			
1	ADAMS STREET/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS	\$72,900,000	\$65,700,000
2	VAN BUREN WIDENING, INDIANA TO SOUTH CITY LIMIT	26,640,352	26,640,352
3	TYLER/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS	75,000,000	75,000,000
4	CANYON CREST WIDENING	8,104,673	2,700,000
5	ARLINGTON AVENUE AT CHADBOURNE AVENUE TRAFFIC SIGNAL	325,000	325,000
6	UNIVERSITY AVENUE FIBER OPTIC	450,000	400,000
7	14TH STREET WIDENING, SR 91 TO MARTIN LUTHER KING	24,000,000	24,000,000
8	CITYWIDE STRIPING REMOVAL	70,000	70,000
9	MISCELLANEOUS SIGNAL CABINET REPLACEMENT	225,000	225,000
10	MISCELLANEOUS GUARDRAIL REPAIR	30,000	30,000
11	MISCELLANEOUS SIGNAL REWIRES	80,000	80,000
12	MARKET STREET DIAGONAL CROSSWALKS	30,000	30,000
13	MISSION INN AVE AT MAIN ST PED MALL LED LIGHT STRIP	100,000	100,000
14	NEW HAWK SIGNAL	135,000	135,000
15	VAN BUREN AT VICTORIA SIGNAL POLE REPLACEMENT	100,000	100,000
16	MISCELLANEOUS BRIDGE REPAIR	100,000	100,000
17	ARLINGTON AVENUE WIDENING, ADAMS TO VAN BUREN	1,500,000	1,500,000
18	ARLINGTON AVENUE WIDENING, VICTORIA TO ALESSANDRO	16,600,000	16,600,000
19	CHICAGO MEDIANS - LE CONTE TO MARTIN LUTHER KING	1,800,000	1,800,000
20	EUCALYPTUS AVE AND GEORGIA ST WIDENING IMPROVEMENTS	375,000	375,000
21	IRVING ST WIDENING ACROSS FROM HATHORNE ELEMENTARY	200,000	200,000
22	COLE AVENUE AT KRAMERIA AVENUE TRAFFIC SIGNAL	325,000	325,000
23	HIGH FRICTION SURFACE AND HAWK SIGNALS	1,293,000	1,098,000
24	PEDESTRIAN MALL LIGHTING UPGRADE -10TH ST. TO 5TH ST.	250,000	250,000
25	JACKSON & INDIANA SOUTHBOUND RIGHT TURN LANE	75,000	75,000
26	TRAFFIC SIGNAL POLE REPLACEMENT & RELOCATION	250,000	250,000
27	TRAFFIC SIGNAL REWIRING	80,000	80,000
28	TRAFFIC SIGNAL EQUIPMENT UPDATE	65,000	65,000
29	TRAFFIC SIGNAL REPLACEMENT	250,000	250,000
30	PERGOLA RESTORATION PROJECT AT VARIOUS LOCATIONS	500,000	500,000
Total		\$231,853,025	\$219,003,352
TOTAL UNFUNDED NEEDS		\$1,242,057,119	\$1,051,720,677

* RTRP funding was approved by RPU Board in August 2020 and is going before City Council in September 2020.



City of Riverside
MULTI-YEAR CAPITAL PLANNING FISCAL POLICY
Approved by the City Council on March 20, 2018

PURPOSE:

A Capital Plan (Capital Improvement Program) is a multi-year financial plan that lists and describes capital projects a local government plans to undertake, indicates how projects will be funded and projects the effect of the plan on key financial variables.

A Capital Project results in the acquisition or increased value of a capital asset (e.g. land, land improvements, infrastructure and equipment, etc.).

The Government Finance Officers Association (GFOA) recommends that state and local governments prepare and adopt comprehensive, fiscally sustainable, multi-year capital plans. A multi-year capital plan is intended to identify and prioritize expected capital needs based on strategic priorities and operational needs, establish project scope and cost, detail estimated amounts of funding from various sources, and project future operating and maintenance costs.

POLICY:

The City shall adopt a multi-year Capital Plan spanning at least five years in conjunction with the biennial budget and five-year financial planning processes. The Capital Plan should include all of the City's planned capital projects. To qualify as a capital project, the asset or improvement should have: 1) monetary value (cost) of at least \$20,000; and 2) useful life of at least 10 years.

The Capital Plan should incorporate the following elements as relevant and appropriate:

- a. Assessment of the physical condition of existing capital assets;
- b. Economic development projections, strategic plans, comprehensive plans, facility master plans and regional plans, including changes in federal, state, and county policy and regulations;
- c. Prioritization of capital needs based on established policy; and
- d. Financial strategies and sources of funding: 1) for the acquisition or improvements associated with the project, and 2) for the subsequent annual operation and maintenance costs of the capital asset throughout its life.



City of Riverside
PRIORITIZATION OF CAPITAL IMPROVEMENT PROJECTS
FISCAL POLICY

Approved by the City Council on March 20, 2018

PURPOSE:

The Government Finance Officers Association (GFOA) recommends that state and local governments establish an objective process for prioritizing capital improvement projects, to give decision-makers a basis for choosing the most compelling projects for funding and implementation.

POLICY:

The City shall adopt an objective process of prioritizing capital improvement projects to ensure consistency with the General Plan, and in conjunction with the biennial budget process or otherwise as capital funding becomes available, using the following factors:

1. Risk to Health, Safety and Environment:
 - a. Avoids or minimizes the risk to health, safety and environment associated with the infrastructure based on condition assessment of the asset, or the lack of an asset, that may include the age, size, material, capacity, and history of failure of the infrastructure; and
 - b. Urgency of the project to reduce the potential hazards to the public, property and environment.
2. Regulatory or Mandated Requirements:
 - a. By legal mandate or consent decree;
 - b. By other regulatory requirements (project specific or programmatic), and
 - c. Must comply with court orders and settlements or avoids plausible legal claims.
3. Asset Condition, Annual Recurring Costs and Asset Longevity:
 - a. Existing conditions and capacity to meet the basic level of service is deficient;
 - b. Avoids potential failure due to substandard conditions;
 - c. Improves the overall reliability of the capital asset and infrastructure system;
 - d. Major implications of delaying the project such as significant future costs, or negative community impacts;
 - e. Extent to which reduces City operations and maintenance expenditures; and
 - f. Increases the longevity of the capital asset or extends the useful life of the asset in the long term.

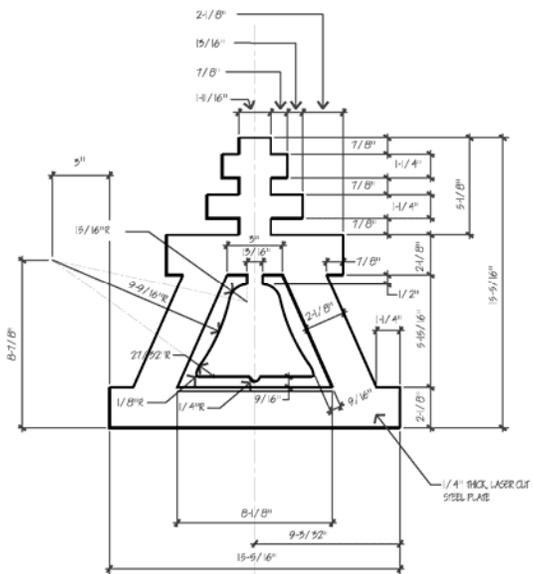
4. Community Investment and Economic Prosperity:
 - a. Contributes toward economic development and revitalization efforts;
 - b. Reduces or avoids impacts to the community when infrastructure fails;
 - c. Benefits under-served communities including those with low income households, low community engagement and low mobility or access to transportation systems; and
 - d. Located in a census tract that is deemed eligible for Community Development Block Grant (CDBG) funds.
5. Level and Quality of Service:
 - a. Improves existing conditions and capacity to meet the minimum level and quality of services that is deficient;
 - b. Addresses an infrastructure or facility deficit identified in a community plan; and
 - c. Addresses the need to install new facilities or improve existing facilities to provide access to City services
6. Sustainability and Conservation:

Improves the health of the community and natural environment through sustainable designs with improved regional air quality and reduced greenhouse gas emission that contributes to climate change.
7. Funding Availability:

Rank is increased based on assessment of the amount of funding needed to complete the current project phase and the entire project.
8. Project Readiness:
 - a. Ready to enter the phase corresponding to the funding proposed;
 - b. Delivered most expeditiously shall be preferred; and
 - c. Complex environmental issues or known significant legal challenges shall be scored lower than projects without said complications.
9. Multiple Category Benefit and Bundling Opportunities:
 - a. Fulfills the prioritization factors described above across multiple scoring categories;
 - b. Reduces construction costs by potentially bundling with adjacent projects; and
 - c. Provides for partnering or bundling opportunities with other local, state, or federal agencies (e.g. leverages shared resources).

Implementation of this Policy is not intended to release or alter the City's current or future obligations to complete specific capital improvement projects by specified deadlines, as may be imposed by court order, or order of any federal, state or local regulatory agency.

NOTES





Community & Economic Development Department

Planning Division

3900 Main Street, Riverside, CA 92522 | Phone: (951) 826-5371 | RiversideCA.gov

**PLANNING COMMISSION HEARING DATE: MAY 14, 2020
AGENDA ITEM NO.: 5**

PROPOSED PROJECT

<i>Case Number</i>	PSP20-0009
<i>Request</i>	Review of the City of Riverside’s Capital Improvement Program (CIP) for FY 2020/2021, for consistency with General Plan 2025
<i>Applicant</i>	City of Riverside Finance Department
<i>Project Location</i>	Citywide
<i>Wards</i>	Citywide
<i>Staff Planner</i>	David Murray Principal Planner 951-826-5773; dmurray@riversideca.gov

RECOMMENDATIONS

Staff recommends that the Planning Commission:

1. **DETERMINE** that PSP20-0009, review of the City of Riverside’s capital improvement projects for FY 2020/21, is not subject to the California Environmental Quality Act (CEQA) review, pursuant to CEQA Guidelines Section 15061(b)(3) as this action is not considered a “project” as defined by Section 15378(b)(4), and a determination of consistency has no potential to result in a direct or indirect physical change in the environment;
2. **FIND** that the capital improvement projects added or modified for FY 2020/21 are consistent with the City’s General Plan 2025; and
3. **REPORT to the City Council** that the capital improvement projects added or modified for FY 2020/21 are consistent with the City’s General Plan 2025.

BACKGROUND

California Government Code Section 65401 requires that the Planning Commission review the City’s Capital Improvement Program (CIP) for the upcoming fiscal year to evaluate conformity with the General Plan and report its finding to the City Council. The City of Riverside Charter and the Riverside Municipal Code also require that the Planning Commission review the City’s proposed CIP and report its findings to the City Council.

The City’s CIP is prepared to coincide with the City’s budget period. It is anticipated that City Council will consider the FY 2020/21 budget and CIP in June 2020.

The Planning Commission reviewed the FY 2018/19 and FY 2019/20 on March 22, 2018 and reported to the City Council that the projects were in conformance with the General Plan. As part of the mid-cycle budget review in 2019, the Planning Commission reviewed the CIP for FY 2019/20

on May 2, 2019 and reported to City Council that the projects were in conformance with the General Plan.

PROPOSAL

Staff is requesting that the Planning Commission review the Capital Improvement Program (CIP) projects for FY 2020/21 and determine that the new or modified projects are consistent with the City's General Plan 2025 (General Plan).

The CIP project list for FY 2020/2021 includes: fifty-one (51) projects not previously reviewed by the Planning Commission for General Plan consistency, two (2) projects that were previously reviewed but modified for this fiscal year, and seventy (70) projects previously reviewed that have not been modified (Exhibit 1).

PROJECT ANALYSIS

The CIP is updated every fiscal year with some projects carrying over to the next budget period, some projects modified, and some added. The Planning Commission is responsible for reviewing only those CIP projects that have been added or modified. Exhibit 1 includes a list of all capital improvement projects anticipated for fiscal year 2020/2021 and identifies: 1) projects previously reviewed by the Planning Commission; and 2) new or modified requiring a determination of consistency with detailed descriptions of these projects included in Exhibit 2.

Planning Division staff has reviewed the listed projects for conformance with City's General Plan 2025, as noted by the following Objectives and Policies supporting the proposed projects.

OVERARCHING OBJECTIVES AND POLICIES

Policy LU-10.2: Review the Capital Improvement Program of the City and local public works projects of other local agencies within the corporate boundaries of Riverside annually for consistency with this General Plan, pursuant to Government Code Sections 65401 et. seq. and City Code Title 19, 19.050.030 (B).

Policy LU-10.3: Time the provision of capital improvements to ensure that all necessary public services and facilities for an area planned for new urban development are in place when development in the area occurs.

AIRPORT

Objective LU-23: Enhance and ensure the long-term viability of Riverside Municipal Airport by developing facilities that efficiently serve present and anticipated future needs and encouraging increased business and corporate usage.

Policy CCM-11.3: Ensure that Riverside Municipal Airport continues to serve general aviation needs.

MUNICIPAL BUILDINGS AND FACILITIES

Objective LU-26: Ensure that a network of modern, effective and adequate community facilities are equitably distributed across the entire City.

INNOVATION AND TECHNOLOGY

Objective PF-7: Ensure that Riverside residents, the business community and educational institutions have easy access to state-of-the-art internet services and modern telecommunications technology.

PUBLIC PARKING

Objective CCM-13: Ensure that adequate on- and off-street parking is provided throughout Riverside.

Policy PF-7.1: Provide innovative, targeted technology projects and related economic development incentives.

PARKS, RECREATION, AND COMMUNITY SERVICES

Objective LU-26: Ensure that a network of modern, effective and adequate community facilities are equitably distributed across the entire City.

Objective PF-10: Meet the varied recreational and service needs of Riverside's diverse population.

Policy AQ-1.26: Require neighborhood parks and community centers near concentrations of residential areas to include pedestrian walkways and bicycle paths to encourage non-motorized travel.

ELECTRIC

Objective PF-6: Provide affordable, reliable and, to the extent practical, environmentally sensitive energy resources to residents and businesses.

Policy PF-6.2: Ensure that adequate back-up facilities are available to meet critical electric power needs in the event of shortages or temporary outages.

SEWER

Objective PF-3: Maintain sufficient levels of wastewater service throughout the community.

Policy PF-3.1: Coordinate the demands of new development with the capacity of the wastewater system.

Policy PF-3.3: Pursue improvements and upgrades to the City's wastewater collection facilities consistent with current master plans and the City's Capital Improvement Program.

STORM DRAIN

Objective PF-4: Provide sufficient levels of storm drainage service to protect the community from flood hazards and minimize the discharge of materials into the storm drain system that are toxic, or which would obstruct flows.

Policy PF-4.1: Continue to fund and undertake storm drain improvement projects as identified in the City of Riverside Capital Improvement Plan.

Policy PF-4.3: Continue to routinely monitor and evaluate the effectiveness of the storm drain system and make adjustments as needed.

TRANSPORTATION

Policy CCM-2.1: Complete the Master Plan of Roadways shown on Figure CCM-4 (Master Plan of Roadways).

Policy CCM-10.1: Ensure the provision of bicycle facilities consistent with the Bicycle Master Plan.

Policy CCM-10.3: Provide properly designed pedestrian facilities for the disabled and senior population to ensure their safety and enhanced mobility as users of streets, roads and highways emphasizing "complete streets" principles

Policy CCM-10.11: Provide sufficient paved surface width to enable bicycle traffic to share the road with motor vehicles where traffic volumes and conditions warrant.

Policy PS-5.1: Enhance and maintain pedestrian safety through the inclusion of well-designed streets, sidewalks, crosswalks, traffic control devices and school routes throughout the City. Reasonable means of pedestrian accessibility shall be an important consideration in the approval of new development.

ENVIRONMENTAL REVIEW

This proposal is not subject to the California Environmental Quality Act (CEQA) review under CEQA Guidelines Section 15061(b)(3) because the consistency review is not a "project", per 15378(b)(4), and because a determination of consistency has no potential to result in a direct or indirect physical change in the environment.

APPEAL INFORMATION

Actions by the City Planning Commission, including any environmental finding, may be appealed to the City Council within ten calendar days after the decision. Appeal filing and processing information may be obtained from the Planning Division, 3rd Floor, City Hall.

EXHIBITS LIST

1. CIP Project Summary List for FY 2020/21 and FY 2021/22
2. CIP New Project Descriptions

Prepared by: David Murray, Principal Planner
Approved by: Mary Kopaskie-Brown, City Planner

Capital Improvement Program

Budgeted Projects Summary

2020/21 & 2021/22

LY Ref No.	CY Ref No.	Funded Projects by Category	Previously Reviewed by Planning Commission? (Yes/No)
Airport			
	1	AIRPORT - AIRFIELD SIGNAGE	No
	2	AIRPORT - TAXIWAY A REHAB	No
	3	AIRPORT EMERGENCY GENERATOR	No
	4	AIRPORT RUNWAY 34 WINDSOCK RELOCATION	No
Municipal Buildings and Facilities			
6	5	CITY BUILDINGS DEFERRED MAINTENANCE	Yes
	6	DOWNTOWN PARKING GARAGE	No
9	7	METRO MUSEUM EXPANSION AND REHAB	Yes
Innovation and Technology			
	8	DATA CENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS	No
11	9	DATA NETWORK REPLACEMENT	Yes
	10	FIBER OPTIC CONNECTION UPGRADE	No
	11	GIS TECHNOLOGY UPDATE	No
Public Parking			
	12	PARCS - PARKING ACCESS REVENUE CONTROL SYSTEMS	No
Parks, Recreation and Community Services			
	13	FAIRMOUNT PARK LAKE EVANS LAKESHORE ACCESS	No
Electric			
52	14	ADVANCED DISTRIBUTION MANAGEMENT SYSTEM	Yes
14	15	ADVANCED METERING INFRASTRUCTURE	Yes
46	16	BUSINESS SYSTEM TECHNOLOGY UPGRADES	Yes
16	17	CABLE REPLACEMENT	Yes
18	18	CITYWIDE COMMUNICATIONS	Yes
19	19	DISTRIBUTION AUTOMATION	Yes
20	20	DISTRIBUTION LINE EXTENSIONS	Yes
15	21	GENERAL ORDER 165 (GO 165) UPGRADES/LINE REBUILDS/RELOCATION-OVERHEAD	Yes
47	22	GEOGRAPHIC INFORMATION SYSTEM (GIS) UPGRADE	Yes
50	23	LAND MOBILE RADIO	Yes
22	24	LINE REBUILDS	Yes
23	25	MAJOR 4-12 KV CONVERSION	Yes
24	26	MAJOR FEEDERS	Yes
25	27	MAJOR OVERHEAD/UNDERGROUND CONVERSIONS	Yes
26	28	MAJOR STREET LIGHT PROJECTS	Yes
28	29	MAJOR TRANSMISSION LINE PROJECTS	Yes
29	30	METERS	Yes
	31	MOBILE APPLICATIONS	No
31	32	NETWORK COMMUNICATION SYSTEM	Yes
32	33	OPERATIONAL TECHNOLOGY GOVERNANCE	Yes
51	34	OUTAGE MANAGEMENT SYSTEM	Yes
33	35	SERVICES	Yes
43	36	SOUTHERN CALIFORNIA EDISON (SCE) CONDEMNATION COSTS	Yes
35	37	SUBSTATION BUS & UPGRADES	Yes
37	38	SUBSTATION TRANSFORMER ADDITION	Yes
38	39	SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)	Yes
39	40	SYSTEM SUBSTATION MODIFICATIONS	Yes
40	41	TRANSFORMERS	Yes
41	42	WORK, ASSET, & INVENTORY MANAGEMENT SYSTEM	Yes
Water			
53	43	ADVANCED METERING INFRASTRUCTURE	Yes
69	44	DISTRIBUTION AUTOMATION/RELIABILITY	Yes

Capital Improvement Program
Budgeted Projects Summary
2020/21 & 2021/22

LY Ref No.	CY Ref No.	Funded Projects by Category	Previously Reviewed by Planning Commission? (Yes/No)
54	45	DISTRIBUTION SYSTEM FACILITIES REPLACEMENTS	Yes
55	46	FACILITY REHABILITATION PROGRAM	Yes
56	47	HYDRANT CHECK VALVES	Yes
74	48	LAND MOBILE RADIO	Yes
57	49	MAIN REPLACEMENTS PROGRAM	Yes
58	50	METERS	Yes
59	51	NETWORK COMMUNICATION SYSTEM	Yes
60	52	OPERATIONAL TECHNOLOGY GOVERNANCE	Yes
61	53	POTABLE/IRRIGATION WELL REPLACEMENT	Yes
64	54	SCADA UPGRADE & SYSTEM AUTOMATION	Yes
65	55	SEVEN OAKS DAM CONSERVATION-ENHANCED RECHARGE	Yes
66	56	SYSTEM EXPANSION	Yes
67	57	TRANSMISSION MAINS	Yes
68	58	WATER STOCK	Yes
Railroad			
77	59	BNSF QUIET ZONE - MISSION INN, 3RD & SPRUCE	Yes
78	60	BNSF/THIRD STREET GRADE SEPARATION	Yes
Sewer			
	61	ACTIVATED TRAIN PLNT 2 REHB	No
	62	ADMIN HVAC PHASE 2	No
	63	DIGESTER 5 REHAB	No
	64	DIVERT FLOW FROM 18" TO 24" PIPE	No
	65	ELEC SWCHGEAR UPGRD PWR OUTAGE	No
	66	ELIMINATE OF UNIVERSITY KNOLLS PUMP STATION	No
	67	HEADWRKS RPLC/REHAB	No
	68	INFLUENT FLW-MTR PROJ MAG-MTR	No
	69	MBR CAP INC UP 6MGD (32 MGD)	No
	70	PIERCE ST STATION REHABILITATION	No
	71	PRIORITY PIPELINE/MH PACP 5&4	No
	72	REPLACE 24" SWR MAIN TO 27" PIPE	No
	73	REPLACE SEWER MAIN PALM AVE	No
	74	REPLACE SWR MAIN KMART PRK LOT	No
	75	REPLACE SWR MAIN PALM/RUBIDOUX	No
	76	REPLACE SWR MAIN RUB/NRTH V/GRND	No
	77	REPLACE SWR MAIN RUT/PENN/BRUCE	No
	78	REPLACE SWR PIPE GOLDEN AVE	No
	79	RNG INTERCON PIPE - 50% GRANT REIMB	No
	80	RPLC PIPELINE ARLIN VALLEY CHAN	No
	81	RPLC SWR MAIN MORRIS/DOOLITT	No
	82	RPLC SWR MAIN MRKT/11TH/12TH	No
	83	RPLC SWR MAIN RUTL/ARL/PENNY	No
	84	SCADA MSTR PLAN WQCP & LFTSTNS	No
	85	SLUDGE PUMP STNS REHB 1&2	No
	86	WAREHOUSE & STOR BUILD RPLMNT	No
	87	WASTE ACT SLDG THICKENING PROJ	No
	88	WESTERN, MLK2, GARDEN PUMP STATION REHAB	No
	89	WQCP-WIFI PHASE II	No
Storm Drain			
93	90	MISCELLANEOUS STORM DRAIN CONSTRUCTION PROGRAM	Yes
	91	VAN BUREN BLVD PUMP STATION REHAB	No
	92	SIERRA STREET STORM DRAIN IMPROVEMENTS	No

Capital Improvement Program
Budgeted Projects Summary
2020/21 & 2021/22

LY Ref No.	CY Ref No.	Funded Projects by Category	Previously Reviewed by Planning Commission? (Yes/No)
Transportation			
	93	ADAIR SIDEWALK-JO JO RANDOLPH	No
97	94	ARTERIAL INTERCONNECT PROJECT PROGRAM	Yes
	95	BATTERY BACKUP MAINTENANCE	No
	96	BERRY RD WIDENING - SELINA STREET TO BUSH AVE	No
	97	BONITA SIDEWALK-TYLER PENDLETON	No
99	98	CDBG MATCHING FUNDS	Yes
100	99	CONTROLLER ASSEMBLY REPLACEMENT PROGRAM	Yes
101	100	CURB AND GUTTER REPAIR PROGRAM	Yes
	101	KNOEFLER - ST. IMPRV AMBS/EOS	No
105	102	LED SIGNAL LENSES REPLACEMENT PROGRAM	Yes
	103	LOCAL ROADWAY SAFETY IMPROVEMENT PLAN	No
106	104	MAJOR STREETS REHABILITATION	Yes
	105	MARKET STREET BRIDGE REPLACEMENT OVER THE SANTA ANA RIVER	Yes
107	106	MEASURE Z PAVEMENT REHABILITATION AND PEDESTRIAN FACILITIES IMPROVEMENT PROGRAM	Yes
108	107	MINOR STREET PRESERVATION (SLURRY/ARAM) PROGRAM	Yes
109	108	MINOR STREET REHABILITATION PROGRAM	Yes
110	109	MISCELLANEOUS SIGNAL REVISIONS PROGRAM	Yes
111	110	MISCELLANEOUS STREET CONSTRUCTION PROGRAM	Yes
112	111	MISCELLANEOUS TRAFFIC PROJECTS PROGRAM	Yes
113	112	MISSION BOULEVARD BRIDGE REPLACEMENT AT SANTA ANA RIVER	Yes
114	113	NEW TRAFFIC SIGNALS (PRIORITIZED LOCATIONS-ONE PER YEAR) PROGRAM	Yes
115	114	PEDESTRIAN RAMPS PROGRAM	Yes
117	115	SB-1 PAVEMENT REHABILITATION, MAINTENANCE, AND SAFETY IMPROVEMENTS PROGRAM	Yes
	116	SIDEWALK FRONTING PATRICIA BEATTY + RRFB	No
118	117	SIDEWALK REPAIR PROGRAM	Yes
119	118	SIDEWALK/TRAIL CONSTRUCTION AT VARIOUS LOCATIONS PROGRAM	Yes
120	119	SPREAD SPECTRUM RADIO REPLACEMENT PROGRAM	Yes
	120	TRAFFIC SIGNAL EMERGENCY VEHICLE REPLACEMENT	No
122	121	TRAFFIC SIGNAL LOOP REPLACEMENT PROGRAM	Yes
	122	VAN BUREN-JURUPA TO SAR BRIDGE	Yes
	123	VICTORIA AT WASHINGTON SOUTHBOUND MERGE LANE	No

Capital Improvement Program
 Budgeted Projects Descriptions - New and Modified
 2020/21 & 2021/22

CY Ref No.	Funded Projects by Category	Description
Airport		
1	AIRPORT - AIRFIELD SIGNAGE	Riverside Municipal Airport is equipped with both Siemens and Lumacurve airfield signs. Extensive sun exposure has resulted in the fading of several taxiway and runway signs impacting airfield safety. The Airfield Signage Replacement project will include replacing faded signs and replacing airfield lighting with LED technology.
2	AIRPORT - TAXIWAY A REHAB	Taxiway A was reconstructed in 2007 and runs parallel to Runway 9/27 located on the north side of the airport and is the main taxiway used for airport operations. Years of weathering and sub-base failure have impacted the surface of the 5,401 feet taxiway and has a direct impact on airport operations. Additionally, Taxiway A provides access to Runway 9/27 and tenant hangars located on the east side of the airport. Without access to Runway 9/27 large planes and jets would not have the ability to take off and land at Riverside Municipal Airport impacting the Airport's performance and Federal funding.
3	AIRPORT EMERGENCY GENERATOR	Riverside Municipal Airport is not currently equipped with an emergency generator. In the event the City power source is interrupted airfield lighting would be impacted. The propane generator will be installed on a concrete pad adjacent to the north side of the lighting vault and enclosed by a 8-foot chain-link fence.
4	AIRPORT RUNWAY 34 WINDSOCK RELOCATION	An unlighted wind cone is located just east of Runway 16 and within the Runway Object Free Area (ROFA), which does not comply with FAA guidance set forth criteria set forth in AC 150/5300-13A, Airport Design. Paragraph 309 of the AC states that the ROFA clearing standard requires "clearing the ROFA of above-ground objects protruding above the nearest point of the RSA." The windsock will be relocated approximately 50 feet farther east and outside of the ROFA
Municipal Buildings and Facilities		
6	DOWNTOWN PARKING GARAGE	Multi-level parking structure with approximately 500 parking spaces at \$30,000 per space, including land acquisition (location TBD).
Innovation and Technology		
8	DATA CENTER/DISASTER RECOVERY CAPITAL IMPROVEMENTS	The City's datacenters are responsible for remote store, processing and the distribution of large amounts of citywide data (e.g. databases, virtual environment, servers, etc.). The City currently maintains a primary datacenter, a secondary datacenter, and disaster recovery site. This request is to fund a hardware replacement project.
10	FIBER OPTIC CONNECTION UPGRADE	This project will upgrade the in-building fiber optic connections at various City locations.
11	GIS TECHNOLOGY UPDATE	The Citywide GIS Technology Upgrade Project (Project) will transition the City from CADME to Esri's ArcGIS platform, a modern GIS system that streamlines and automates workflows, enables easy viewing and use of geospatial data, and enhances GIS reporting and analytic capabilities. High-level project objectives include transitioning to ArcGIS (the new upgraded platform), integrating with existing and new systems and applications, enhancing mapping and analytic capabilities, improving internal and external customer experience, and streamlining day-to-day processes.
Public Parking		
12	PARCS - PARKING ACCESS REVENUE CONTROL SYSTEMS	New garage technology to integrate with other mobility improvements
Parks, Recreation and Community Services		
13	FAIRMOUNT PARK LAKE EVANS LAKESHORE ACCESS	Phase I - Design and Construction of an ADA Accessible Pedestrian Walkway (1,050 LF) along Dexter Drive from Approximately the American Legion (Post 79) to the Isaak Walton Building, including Minor Grading, Drainage, Landscaping, Irrigation, Lighting, and Furnishing Improvements. Estimated Cost - \$300,00Phase II - Design and Construction of an ADA Accessible Pedestrian Walkway (1,000 LF) along Dexter Drive from Approximately the Isaak Walton Building to the Redwood Drive Bridge, including Minor Grading, Drainage, Landscaping, Irrigation, Lighting, and Furnishing Improvements. Estimated Cost - \$300,000Phase III - Design and Construction of an ADA Accessible Pedestrian Walkway (400 LF) and Decking/Railing Expansion (1,000 SF) along the Redwood Drive Bridge, including Minor Grading, Drainage, Foundation Piles, Lighting, and Furnishing Improvements. Estimated Cost - \$350,000
Electric		
16	BUSINESS SYSTEM TECHNOLOGY UPGRADES	SCOPE CHANGE: Ongoing upgrades to various business technology projects within Riverside Public Utilities.

Capital Improvement Program

Budgeted Projects Descriptions - New and Modified
2020/21 & 2021/22

CY Ref No.	Funded Projects by Category	Description
31	MOBILE APPLICATIONS	Mobile Apps increase operational efficiency and safety by providing real-time information to field personnel when and where they need it; ensure system configuration and status is always known by the personnel operating the system; reduce the need for paper-based maps, plans, and work orders; reduce the as built record-keeping effort, and enable field operation personnel to share real-time information with system operators and engineers.
37	SUBSTATION BUS & UPGRADES	SCOPE CHANGE: Replaces aging equipment and installs additional equipment necessary to improve the operability and safety of these neighborhood power centers (Substations). This includes system protection, monitoring, automation systems for energized electrical components, perimeter walls, property improvements, addition of new substations, and expansion of existing substations.
Sewer		
61	ACTIVATED TRAIN PLNT 2 REHB	(FI-08) - Project requires the replacement of the membrane diffusers and the redwood baffles with FRP baffles, repairs on the aeration basin, replace corroded conduits, boxes, and conduit clamps with stainless steel parts, replace side mounted railings with top mounted railings, repair cracks and spalls in the concrete walkways, the implementation of an aeration basin concrete structure condition assessment, the installation of motorized operators on gates and control valves for additional automatic control for the aeration basin. (FI-09) - This project requires the replacement of the floating mixers. (FI-10) - This project requires: the replacement of the VFDs and MCCs, the replacement or repair of the corroded roof members near the roof leak, the removal of the abandoned WAS pumps, the replacement of the drain pump.
62	ADMIN HVAC PHASE 2	Phase II - Installation of ducting, heating and cooling control systems, sensors, air handling units (motors and blowers) inside the WQCP Administration/Laboratory Building.
63	DIGESTER 5 REHAB	Rehabilitation of Digester No.5: 1.1 million gallons capacity to be used for food waste digestion, rehabilitate the digester walls by pressure grouting epoxy in to cracks, blast and recoat interior walls, reseal dome, repair of interior steel structural members, surface applied water proofing, replace mixers, motors, pumps, mechanical piping and electrical upgrade to code. Seismic code upgrade to foundation and interior walls.
64	DIVERT FLOW FROM 18" TO 24" PIPE	GM-9 - This Project proposes to install 10 feet of 24-inch diameter sewer pipeline to mitigate surcharge in an existing 18-inch diameter pipeline under peak flow conditions.
65	ELEC SWCHGEAR UPGRD PWR OUTAGE	Electrical Switchgear Upgrade and Power Outage Project Study and Rehabilitation Project - Project will review and recommend the rehabilitation/replacement of the backbone 12kV electrical system, high voltage switchgear and equipment of the WQCP. The study will also recommend any electrical scheme changes during a power outage.
66	ELIMINATE OF UNIVERSITY KNOLLS PUMP STATION	RR-9 - This Project proposes to construct approximately 2,400 LF of sewer main to eliminate an existing sewer lift station located at 899 N University Dr. (University Knoll sewer lift station)
67	HEADWRKS RPLC/REHAB	FI-02-05 Headworks: (FI-02) - Project requires: replacement of the metal ducts in the screening room, the replacement of all electrical components, the replacement of the bar screens and slide gates, installation of permanent stairs and landings for the grit classifiers and elevated equipment, the replacement of the damaged hatch to the grit room, installation of fall protection for the opening, the replacement of the plate covers with traffic rated hatches and install vehicle bollards, replacement of corroded septage receiving station components. (FI-03) - Project requires the replacement of the shaftless screw screening conveyers. (FI-04) - Project requires the installation of a bypass structure. (FI-05) - This project requires the replacement of, Grit snails, grit classifiers (slurry cups), and grit conveyor, Grit pumps, Motor Control Center (MCC).
68	INFLUENT FLW-MTR PROJ MAG-MTR	FI01 - Installation of three (3) Electromagnetic (Mag) flow meters in the following trunk sewer lines to replace Flo-Dar meters; Acorn, Arlanza and Santa Ana. The Acorn sewer line will be 16-inch diameter mag meter, the Arlanza will be a 36-inch diameter mag meter and the Santa Ana sewer line will be a 36-inch mag meter. Construction will be onsite of the WQCP.
69	MBR CAP INC UP 6MGD (32 MGD)	Installation of an additional 6 million gallons per day (MGD) of Membrane Bioreactors (MBR) waste water treatment. MBR treatment to increase to 32 MGD. Existing MBR's are manufactured from Suez Water Technology and Solutions as part of the WQCP Rehabilitation and Expansion Project.

Capital Improvement Program

Budgeted Projects Descriptions - New and Modified
2020/21 & 2021/22

CY Ref No.	Funded Projects by Category	Description
70	PIERCE ST STATION REHABILITATION	RR-8 - Rehabilitate the existing Pierce Street Sewer Pump Station
71	PRIORITY PIPELINE/MH PACP 5&4	PR14&15 - This Project concentrate on collecting videos and assess the conditions of sewer pipes that are older than 50 years old within the City's service boundary. The Project will also repair, rehabilitate, or replace aging sewer infrastructures--pipelines, manholes, and sewer residential laterals.
72	REPLACE 24" SWR MAIN TO 27" PIPE	GM-8-This Project proposes to replace approximately 770 feet of an existing 24-inch diameter sewer pipeline with 27-inch diameter pipeline. The existing pipe is currently undercapacity
73	REPLACE SEWER MAIN PALM AVE	GM-4A - This Project proposes to replace approximately 2,640 feet of an existing 10-inch diameter pipeline with 12-inch diameter pipeline. The existing pipe is currently undercapacity.
74	REPLACE SWR MAIN KMART PRK LOT	GM-6-This Project proposes to replace approximately 1,530 feet of an existing 12-inch diameter sewer pipeline with 18-inch diameter pipeline. The existing pipe is currently undercapacity.
75	REPLACE SWR MAIN PALM/RUBIDOUX	GM-4B-This Project proposes to replace approximately 1,500 feet of an existing 12-inch diameter sewer pipe with 15-inch sewer pipe along Palm Ave. and Rubidoux Ave, from Brentwood Ave to Rubidoux Ave and from Palm Ave. to 210-feet northwest of Virginia Place. The existing pipe is undercapacity
76	REPLACE SWR MAIN RUB/NRTH V/GRND	GM4C - This Project proposes to replace approximately 1,010 feet of an existing 15-inch diameter sewer pipeline with 18-inch diameter pipeline. The existing pipe is currently undercapacity.
77	REPLACE SWR MAIN RUT/PENN/BRUCE	GM-5B - This Project proposes to replace approximately 790 feet of an existing 15-inch diameter sewer pipeline with 21-inch diameter pipeline. The existing pipe is currently undercapacity.
78	REPLACE SWR PIPE GOLDEN AVE	GM-7- This Project proposes to replace approximately 970 feet of an existing 12-inch diameter sewer pipeline with 18-inch diameter pipeline. The existing pipe is currently undercapacity.
79	RNG INTERCON PIPE - 50% GRANT REIMB	Installation of digester gas clean-up equipment and piping to injection point to Southern California Gas Company Natural Gas transmission main. Bio-methane will be converted to near quality natural gas to be injected in to the Southern California Gas Company natural gas transmission main.
80	RPLC PIPELINE ARLIN VALLEY CHAN	GM11-This Project proposes to replace approximately 2,430 feet of an existing 27-inch diameter sewer pipeline with 33-inch diameter pipeline. The existing pipe is currently undercapacity.
81	RPLC SWR MAIN MORRIS/DOOLITT	GM-14-This Project proposes to replace approximately 1,490 feet of an existing 33-inch diameter sewer pipeline with 42-inch diameter pipeline. The existing pipe is currently undercapacity.
82	RPLC SWR MAIN MRKT/11TH/12TH	GM15-This Project proposes to replace approximately 380 feet of an existing 12-inch diameter sewer pipeline with 18-inch diameter pipeline. The existing pipe is currently undercapacity.
83	RPLC SWR MAIN RUTL/ARL/PENNY	GM5A - This Project proposes to replace approximately 650 feet of an existing 15-inch diameter sewer pipeline with 18-inch diameter pipeline. The existing pipe is currently undercapacity.
84	SCADA MSTR PLAN WQCP & LFTSTNS	Supervisory Control and Data Acquisition (SCADA) - A control system architecture comprising of computers, networked data communications and graphical user interfaces(GUI) for high-level process supervisory management, while also comprising other peripheral devices like programmable logic controllers (PLC). Within the plant and outside sewer lift stations through out the City, the SCADA system is used to monitor and control equipment.
85	SLUDGE PUMP STNS REHB 1&2	FI15-16 Plant 2 Sludge Pumps Stations 1 & 2 Rehabilitation: (FI-15) Install fall protection around all access hatches, cover the scum pits and improve the grating for traffic loads, remove the abandoned steam generator, improve site lighting in stairways, replacing the MCC, bring the electrical components up to code and relocate them out of the pump room, replace pumps, motors, piping and valves, paint the room, recoat all piping, replace ventilation, add a lifting crane. (FI-16) Walls have exposed aggregate. Poor ventilation has caused significant corrosion issues.
86	WAREHOUSE & STOR BUILD RPLMNT	Warehouse and Storage Building Replacement - Currently, the WQCP is using two old concrete digesters that were built in the 1940's that were converted to a warehouse more than thirty years ago. Also, there exist no storage cover to protect the WQCP and Collection System portable pumps, generators, equipment and materials. They are susceptible to the outside elements. The WQCP and Collections Section will need a combined warehouse and storage facility.

Capital Improvement Program

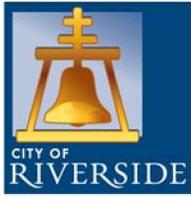
Budgeted Projects Descriptions - New and Modified
2020/21 & 2021/22

CY Ref No.	Funded Projects by Category	Description
87	WASTE ACT SLDG THICKENING PROJ	FI-17 Waste Activated Sludge: (FI-17) - This project requires waste activated sludge thickening equipment to be installed inside the existing dewatering building, complete rehabilitation of DAFT No.2, the implementation of a seismic evaluation of the Dissolved Air Flotation Thickeners (DAFT) mechanism connections; (4) demolition of abandoned equipment and of unused pump pads, the removal of the unused chemical tank, the upgrade of the ventilation system to allow to declassify the electrical room, the installation of a cover for the DAF tanks, the replacement of the DAF No. 1 drive, the replacement of the polymer pumping systems, the addition of LED lights and replacement of the windows and doors of the building.
88	WESTERN, MLK2, GARDEN PUMP STATION REHAB	PR10,11,12 - These three sewer lift stations constantly need repair with their electrical and mechanical components since these equipment are at the end of their service life. This Project will rehabilitate the sewer lift stations and replace dilapidated components to ensure reliable services to the residents.
89	WQCP-WIFI PHASE II	Phase II - Install new infrastructure (fiber, access points and switches) to support WIFI at the WQCP.
Storm Drain		
91	VAN BUREN BLVD PUMP STATION REHAB	This project will update the existing storm drain pump station
92	SIERRA STREET STORM DRAIN IMPROVEMENTS	The project is to install 900 LF of new 12" to 18" diameter RCP into Sierra Street near Streeter Avenue with two catch basins. The project is created due to multiple SRO requests since last few years due to flooding in the Sierra street even with small rain event. The street is not able to carry the capture of drainage area within.
Transportation		
93	ADAIR SIDEWALK-JO JO RANDOLPH	The Adair Avenue Sidewalk Improvements project proposes to construct new concrete sidewalks on one side of Adair Avenue from Jo Jo Way to Randolph Street in the Arlanza neighborhood of the City of Riverside (see Exhibit A). Adair Avenue has existing concrete curbs and gutters but is missing sidewalks. The project includes the reconstruction of residential driveways that do not meet current City and ADA (Americans with Disabilities Act) standards. The proposed project is necessary to provide a safe pedestrian walkway from this residential neighborhood to schools and key destinations such as parks and retail centers. Construction of the sidewalk will eliminate the need for pedestrians to walk in the street or parkway, and will improve their safety.
95	BATTERY BACKUP MAINTENANCE	The Adair Avenue Sidewalk Improvements project proposes to construct new concrete sidewalks on one side of Adair Avenue from Jo Jo Way to Randolph Street in the Arlanza neighborhood of the City of Riverside (see Exhibit A). Adair Avenue has existing concrete curbs and gutters but is missing sidewalks. The project includes the reconstruction of residential driveways that do not meet current City and ADA (Americans with Disabilities Act) standards. The proposed project is necessary to provide a safe pedestrian walkway from this residential neighborhood to schools and key destinations such as parks and retail centers. Construction of the sidewalk will eliminate the need for pedestrians to walk in the street or parkway, and will improve their safety.
96	BERRY RD WIDENING - SELINA STREET TO BUSH AVE	This project proposes to widen Berry Road between Selina Street and Bush Ave
97	BONITA SIDEWALK-TYLER PENDLETON	The Bonita Avenue Sidewalk Improvements project proposes to construct new concrete sidewalks on one side of Bonita Avenue from Tyler Street to Pendleton Street in the La Sierra neighborhood of the City of Riverside (see Exhibit A). Bonita Avenue has existing concrete curbs and gutters but is missing sidewalks. The project includes the reconstruction of residential driveways that do not meet current City and ADA (Americans with Disabilities Act) standards.
101	KNOEFLER - ST. IMPRV AMBS/EOS	The project will install 1800 linear foot of new curb and gutter both sides and one side sidewalk on Knoefler Drive from Ambs Drive to End of Street in La Sierra neighborhood - ward 7. Project will alleviate flooding damages to the property in any rain event. The project anticipate to start in fall 2020 and end by spring 2021. The project will install 1800 linear foot of new curb and gutter both sides and one side sidewalk on Knoefler Drive from Ambs Drive to End of Street in La Sierra neighborhood - ward 7.
103	LOCAL ROADWAY SAFETY IMPROVEMENT PLAN	Development of a Local Roadway Safety Plan to identify transportation safety countermeasures along Riverside roadways.

Capital Improvement Program

Budgeted Projects Descriptions - New and Modified
2020/21 & 2021/22

CY Ref No.	Funded Projects by Category	Description
116	SIDEWALK FRONTING PATRICIA BEATTY + RRFB	Project will install an approximately 210 foot section of sidewalk and small retaining wall to provide a walkway for parents & students near Patricia Beatty Elementary School. The project would additionally install a rectangular rapid flashing beacon lighted pedestrian sign that connects to Patricia Beatty's Easterly walkway.
120	TRAFFIC SIGNAL EMERGENCY VEHICLE REPLACEMENT	The City's Traffic Signal Maintenance Shop repairs and maintains 'Opticom' emergency vehicle preemption devices at traffic signals, these devices allow both Fire and Ambulance vehicles to receive a green light in their direction of travel. This project would create a recurring maintenance budget for the replacement of such devices as they reach the end of their useful service life.
123	VICTORIA AT WASHINGTON SOUTHBOUND MERGE LANE	Project to install a merge lane for southbound Victoria at Washington along with striping improvements at the intersection.



City of Arts & Innovation

PLANNING COMMISSION MINUTES

THURSDAY, MAY 14, 2020, 9:00 A.M.
VIRTUAL MEETING
PUBLIC COMMENT VIA TELEPHONE
3900 MAIN STREET

PRESENT: Commissioners: R. Kirby, C. Roberts, R. Rubio, K. Parker, S. Mill, L. Allen, J. and A. Villalobos

ABSENT: Teunissen (illness), Rubio (left early)

STAFF: M. Kopaskie-Brown, P. Brenes, D. Murray, C. Assadzadeh, S. Watson, J. Egüez, K. Smith, N. Mustafa, C. Scully, F. Andrade

Chair Kirby called the meeting to order at 9:00 a.m. He asked for a moment of silence in honor of former Planning Commissioner Bob Stockton who recently passed.

ORAL COMMUNICATIONS FROM THE AUDIENCE

There were no public comments at this time.

PUBLIC HEARINGS

PLANNING CASE P19-0873 – CONDITIONAL USE PERMIT – 7750 LINCOLN AVENUE, WARD 4
Proposal by Craig Valle of Morgan Truck Body, LLC to consider a Conditional Use Permit to permit a vehicle repair facility. Candice Assadzadeh, Senior Planner presented the staff report. Janelle Rodriguez, representing Morgan Truck Body, LLC on behalf of Craig Valle, stated they were in agreement with the recommended conditions of approval. There were no public comments. The public hearing was closed. Following discussion it was moved by Commissioner Mill and seconded by Commissioner Roberts to: 1) Determine that this proposed project is exempt from the California Environmental Quality Act (CEQA) review pursuant to Section 15301 (Existing Facilities) as this project will not have a significant effect on the environment; and 2) Approved Planning Case P19-0873, based on the findings outlined in the staff report and subject to the recommended conditions. Chair Kirby advised of the appeal period.

The Planning Commission decision is final unless appealed to City Council.

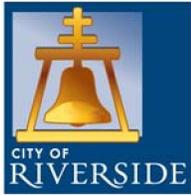
Motion Carried: 7 Ayes, 0 Noes, 1 Absent, 0 Abstention

AYES: Allen, Roberts, Rubio, Mill, Villalobos, Parker, Kirby

NOES: None

ABSENT: Teunissen

ABSTENTION: None



City of Arts & Innovation

PLANNING COMMISSION MINUTES

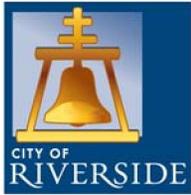
THURSDAY, MAY 14, 2020, 9:00 A.M.
VIRTUAL MEETING
PUBLIC COMMENT VIA TELEPHONE
3900 MAIN STREET

PLANNING CASES P20-0243 and P20-0244 - TWO-YEAR TIME EXTENSION OF PLANNING CASES P09-0808 CONDITIONAL USE PERMIT AND P09-0809 DESIGN REVIEW – 2340 FOURTEENTH STREET, WARD 2

Proposal by Andrew Walcker of Overland Development Co., on behalf of a Community of Friends, to consider a two-year time extension of Planning Cases P09-0808 (Conditional Use Permit) and P09-0809 (Design Review) to construct a senior housing facility. Judy Egüez, Associate Planner, presented the staff report. Andrew Walcker on behalf of Community Friends, stated they were in agreement with the recommended conditions of approval. There were no public comments. The public hearing was closed. Following discussion it was moved by Commissioner Mill and seconded by Commissioner Villalobos to: 1) Determine that the project is exempt from the California Environmental Quality Act (CEQA) subject to Section 15061(b)(3) (Common Sense Rule) of the CEQA Guidelines, as it can be seen with certainty that the proposed time extensions will have no significant effect on the environment; and 2) Approved Planning Cases P20-0243 (Time Extension – Conditional Use Permit) and P20-0244 (Time Extension – Design Review), based on the findings outlined in the staff report and subject to the recommended conditions. Chair Kirby advised of the appeal period.

The Planning Commission decision is final unless appealed to City Council.

Motion Carried: 7 Ayes, 0 Noes, 1 Absent, 0 Abstention
AYES: Allen, Roberts, Rubio, Mill, Villalobos, Parker, Kirby
NOES: None
ABSENT: Teunissen
ABSTENTION: None



City of Arts & Innovation

PLANNING COMMISSION MINUTES

THURSDAY, MAY 14, 2020, 9:00 A.M.
VIRTUAL MEETING
PUBLIC COMMENT VIA TELEPHONE
3900 MAIN STREET

PLANNING CASE P20-0241 – ZONING CODE AMENDMENT, CHAPTER 19.58 (PARKING & LOADING) - CITYWIDE, ALL WARDS

Proposal by City of Riverside to consider a Zoning Code Amendment to modify Chapter 19.580 (Parking & Loading) to include parking exemption provisions for Cultural Resources, as defined in Title 20 of the Riverside Municipal Code. Scott Watson, Historic Preservation Officer, presented the staff report. There were no public comments. The public hearing was closed. Following discussion it was moved by Commissioner Villalobos and seconded by Commissioner Mill to recommend that the City Council: 1) Determine that the project is exempt from the California Environmental Quality Act pursuant to Section 15061(b)(3) (Common Sense Rule), as the proposed project will not have a significant effect on the environment; and 2) Approve Planning Case P20-0241 (Zoning Code Text Amendment), based on the findings outlined in the staff report and subject to the recommended conditions. Chair Kirby advised of the appeal period.

City Council public hearing required for final approval.

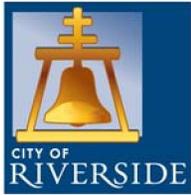
Motion Carried: 7 Ayes, 0 Noes, 1 Absent, 0 Abstention

AYES: Allen, Roberts, Rubio, Mill, Villalobos, Parker, Kirby

NOES: None

ABSENT: Teunissen

ABSTENTION: None



City of Arts & Innovation

PLANNING COMMISSION MINUTES

THURSDAY, MAY 14, 2020, 9:00 A.M.
VIRTUAL MEETING
PUBLIC COMMENT VIA TELEPHONE
3900 MAIN STREET

DISCUSSION CALENDAR

PLANNING CASE PSP20-0009 – 2020/2021 CAPITAL IMPROVEMENT PLAN, CITYWIDE, ALL WARDS

Proposal by City of Riverside for the annual review of projects included in fiscal year 2020/2021 Capital Improvement Program, and determination that the projects are consistent with General Plan 2025 pursuant to California Government Code Section 65401. Dave Murray, Principal Planner, presented the staff report. There were no public comments. Following discussion it was moved by Commissioner Parker and seconded by Commissioner Rubio to: 1) Determine that PSP20-0009, review of the City of Riverside's capital improvement projects for FY 2020/21, is not subject to the California Environmental Quality Act (CEQA) review, pursuant to CEQA Guidelines Section 15061(b)(3) as this action is not considered a "project" as defined by Section 15378(b)(4), and a determination of consistency has no potential to result in a direct or indirect physical change in the environment; 2) Find that the capital improvement projects added or modified for FY 2020/21 are consistent with the City's General Plan 2025; and 3) Report to the City Council that the capital improvement projects added or modified for FY 2020/21 are consistent with the City's General Plan 2025. Chair Kirby advised of the appeal period.

This item will be reviewed by the City Council for final approval.

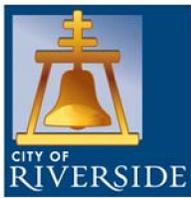
Motion Carried: 7 Ayes, 0 Noes, 1 Absent, 0 Abstention

AYES: Allen, Roberts, Rubio, Mill, Villalobos, Parker, Kirby

NOES: None

ABSENT: Teunissen

ABSTENTION: None



City of Arts & Innovation

PLANNING COMMISSION MINUTES

THURSDAY, MAY 14, 2020, 9:00 A.M.
VIRTUAL MEETING
PUBLIC COMMENT VIA TELEPHONE
3900 MAIN STREET

VEHICLE MILES TRAVELED (VMT) THRESHOLDS FOR CEQA ASSESSMENT OF TRANSPORTATION IMPACTS

Chair Kirby asked the Commission for a motion to waive the Sunshine Ordinance and accept the new information, not available at the time of publication. Motion by Commissioner Mill and Seconded by Vice-Chair Parker to accept the new information. The vote was unanimous and the motion carried. Nathan Mustafa, City Traffic Engineer & Mobility Manager, presented the staff report. Public Comment: Lou Monville Building Industry Association of Riverside County, spoke in support of Alternative B and referenced their letter dated May 13, 2020. Cindy Roth, Riverside Chambers of Commerce, thanked the Commission for their moment of silence in honor of Bob Stockton. Mr. Stockton was the Chair of the Economic Council and had planned to be on this call to address the Commission today. She spoke in support of Alternative B.

Commissioner Rubio left the meeting at this time.

Following discussion, it was moved by Commissioner Mill and seconded by Commissioner Parker to recommend that the City Council: 1) Adopt a resolution approving Vehicle Miles Traveled thresholds for California Environmental Quality Act compliance related to transportation analysis in accordance with Threshold Alternative B. 2) Recommend that the City Council request that staff conduct a workshop to educate the development community in the application of new vehicle miles traveled thresholds, and mitigation measures for vehicle miles traveled related impacts.

Commissioner Mill commented that he supported alternative B as it is consistent with the neighboring jurisdictions. Alternative B will help the City meet its RHNA numbers, and provide more senior and affordable housing. Alternative A would make it extremely difficult for development outside the City's transit corridor and would be cost prohibitive for developers to develop affordable housing.

This item will be reviewed by the City Council for final approval.

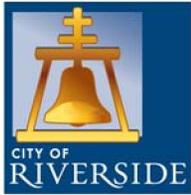
Motion Carried: 5 Ayes, 1 Noes, 2 Absent, 0 Abstention

AYES: Allen, Roberts, Mill, Parker, Kirby

NOES: Villalobos

ABSENT: Rubio, Teunissen

ABSTENTION: None



City of Arts & Innovation

PLANNING COMMISSION MINUTES

THURSDAY, MAY 14, 2020, 9:00 A.M.
VIRTUAL MEETING
PUBLIC COMMENT VIA TELEPHONE
3900 MAIN STREET

CONSENT CALENDAR

The Consent Calendar was unanimously approved as presented below affirming the actions appropriate to each item.

MINUTES

The minutes of the meetings of April 30, 2020, were approved as presented.

PLANNING COMMISSION ATTENDANCE – The Commission excused the absence of Commissioner Kirby from the meeting of April 30, 2020 due to illness.

Motion Carried: 6 Ayes, 0 Noes, 2 Absent, 0 Abstention

AYES: Allen, Roberts, Mill, Villalobos, Parker, Kirby

NOES: None

ABSENT: Rubio, Teunissen

ABSTENTION: None

COMMUNICATIONS

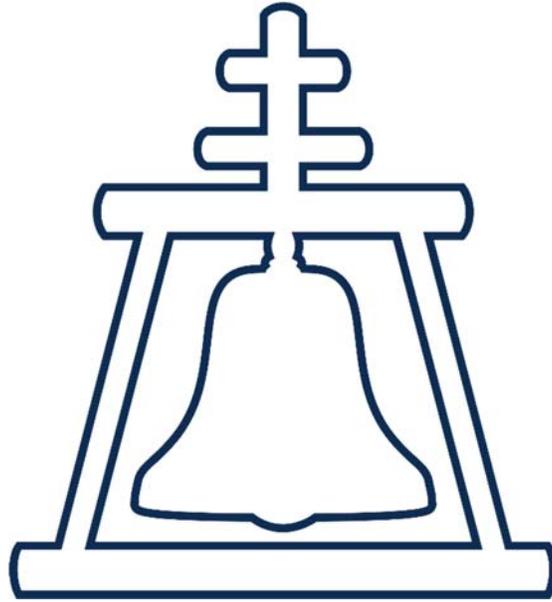
ITEMS FOR FUTURE AGENDAS AND UPDATE FROM CITY PLANNER

Ms. Kopaskie-Brown advised the Commission of upcoming City Council and Planning Commission items.

ADJOURNMENT

The meeting was adjourned at 10:16 a.m. to the meeting of May 28, 2020 at 9:00 a.m.

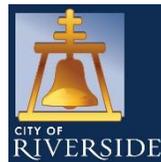
The above actions were taken by the City Planning Commission on May 14, 2020. There is now a 10-day appeal period that ends on May 25, 2020. During this time, any interested person may appeal this action to the City Council by submitting a letter of appeal and paying the appeal fee. In the absence of an appeal or referral, the Commission's decisions and conditions become final after 5:00 p.m. on May 25, 2020.



CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

GLOSSARY



Capital Improvement Program Glossary

Airport Fund (530) – Fund used to account for the operations of the Riverside Municipal Airport. The Airport Fund is an enterprise fund.

Air Quality Management District Fund (240) – Fund used to account for motor vehicle registration fees (California Assembly Bill 2766) received from the State. These funds are restricted for use towards the implementation of programs and projects that will reduce motor vehicle air pollution. This fund is also used to account for qualified air pollution reduction programs funded by the South Coast Air Quality Management District (SCAQMD).

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

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

Assessment District: A separate local government entity formed to provide specific local public services. Assessment districts can be established to provide a single service such as sewage treatment or to provide multiple services such as police and fire protection, parks and recreation facilities, and water distribution systems. Property owners within the assessment district's boundary pay into the district in direct proportion to the benefits or services they receive.

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

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

Budget – A financial plan for a specified period of time that matches planned revenues and expenditures to municipal services and/or capital improvements.

Budget Calendar – The schedule of major events in the development of the budget, including budget hearings, budget deliberations, proposed budget, and the adoption of the final budget.

Capital – Assets that add to the long-term net worth of the City.

Capital Improvement Program Glossary

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

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

Capital Outlay Fund (430) – Fund used to account for the construction and installation of street and highway capital improvements.

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

Central Garage Fund (650) – Fund used to account for the maintenance and repair of all City-owned vehicles and motorized equipment.

Central Stores Fund (640) – Fund used to account for the operations of the City's centralized supplies inventory, including receiving and delivery services provided to City departments.

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

Community Development Block Grant Fund (220) – Federal funds are allocated to local government, usually through a local clearinghouse (Riverside County Economic Development Agency), based on a formula, and are required to be applied for and used within a broad functional area such as community development.

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

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

Electric Fund (510) – Fund used to account for the operations of the Electric Utility. The majority of funding for capital expenditures will be from bond proceeds. Additional funding will be from the use of reserves, rates, and contributions in aid of construction. The Electric Fund is an enterprise fund.

Capital Improvement Program Glossary

Enterprise Funds – Used to account for operations that are financed and operated in a manner similar to private sector enterprises. Costs of providing goods or services are recovered primarily through user charges.

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

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

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

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

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

Fund Balance – Fund balance is the difference between assets and liabilities.

Funded Capital Projects – Projects for which funding is currently available and identified.

Gas Tax Fund (230) – Fund used to account gas tax revenue allocated to the City from the State of California. The funds are dedicated to local transportation capacity improvements and restricted to research, planning, construction, improvement, maintenance and operations of public streets and highways or public mass transit.

General Fund (101) – Used to account for all financial resources except those required to be accounted for in another fund.

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

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

Capital Improvement Program Glossary

Measure A Fund (432) – State funds are generated from the one-half percent sales tax levied throughout Riverside County to carry out transportation projects. Funds are restricted to fund a comprehensive program of roadway and transit improvements including: highway, street, and road construction; highway, street, and road maintenance; bus and light rail capital and operations; improved transportation services for elderly and handicapped persons; and transportation-related air quality programs. Original Measure A expired in 2009 but a measure was placed on the November 2004 ballot to renew the Measure A for 30 more years after the original measure expired. After voters passed the new Measure A with more than 75% of voter approval, the “new” Measure A took effect in April 2009.

Measure Z Capital Fund (420) - Fund used to account for capital projects funded by Measure Z sales tax revenue.

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

Operating Budget Impact – Recurring operating expenditures/savings resulting from the completion of a capital improvement project.

Public Parking Fund (570) – Fund used to account for the operations of the City’s parking facilities. The Public Parking Fund is an enterprise fund.

RDSA RORF – Arlington Bond Fund (471) – Redevelopment Successor Agency (RDSA) Redevelopment Obligation Retirement Fund (RORF), which is a requirement of the legislation dissolving California Redevelopment Agencies. Assets and liabilities of each former Redevelopment Project Area are now housed in individual RORFs.

Regional Park Special Capital Improvements Fund (413) – Regional park improvements are funded through the Regional Park Fund. A portion of Development Fees charged when properties are developed is dedicated to the funding of regional parks and recreational facilities. Fees are dependent on development so the CIP only shows funded projects for which fee revenues are already available or that are annual funding obligations. As funding becomes available, the Parks, Recreation, and Community Services Department requests that the City Council appropriate funds for projects contained in the Unfunded Capital Projects list. Projects are not programmed based on anticipated revenues.

Capital Improvement Program Glossary

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

Revenue – Sources of income that finance the operations of the government.

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

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

Sewer Fund (550) – Fund used to account for the operations of the City's sewer department. The Sewer Fund is an enterprise fund.

Special Capital Improvement Fund (411) – Fund used to account for capital projects to construct parks and recreational facilities funded by impact fees.

Special Revenue Funds – Fund type used to account for the proceeds from specific revenue sources that are restricted for a specific purpose.

Special Transit Fund (560) – Fund used to account for expenditures related to the City's fleet of mini-buses that are used to transport senior citizens and disabled persons.

Storm Drain Development Impact Fee (DIF) Fund (410) – Capital expenditures for the construction and improvement of storm drains are budgeted in the Storm Drain Fund. Revenues are from Storm Drain Fees, which are charged when property is developed. The funds are dedicated to storm drain infrastructure projects. This fund is also used to account for the National Pollution Discharge Elimination System (NPDES). Funds are used for storm drain maintenance and inspection as required for California storm water permits funded by a special assessment district of Riverside County.

Transportation Projects Fund (431) – Fund used to account for the operations of the City's Senior Citizens' and Handicapped Transportation System in accordance with Article 4 of the Transportation Development Act of 1971 (California Senate Bill 325). The Federal Trans Administration Funds are also accounted for in this fund.

Capital Improvement Program Glossary

Transportation Development Impact Fee (DIF) Fund (433) – Revenues for this fund are collected from property developments. This one-time charge is collected over the course of development. Funds are dedicated to offset costs for transportation and flood control improvements.

Transportation Uniform Mitigation Fees (TUMF) Fund (434) – Under TUMF, developers of residential, industrial and commercial property pay a development fee to fund transportation projects that will be required because of the growth the projects create. The Western Riverside Council of Governments oversees the allocation of TUMF fees to cities for funding local transportation projects.

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

Water Fund (520) – Fund used to account for the operations of the Water Utility. The majority of funding for capital expenditures will be from bond proceeds. Additional funding will be from the use of reserves, rates, and contributions in aid of construction. The Water Fund is an enterprise fund.

Revenue Sources

AIRPORT FUND (530)

Capital expenditures for the Riverside Municipal Airport are budgeted in the Airport Fund, which is an enterprise fund.

AIR QUALITY MANAGEMENT DISTRICT FUND (240)

State funds are available from a portion of the motor vehicle registration fees (California Assembly Bill 2766) that are restricted for use towards the implementation of programs and projects that will reduce motor vehicle air pollution. This fund is also used to account for qualified air pollution reduction programs funded by the South Coast Air Quality Management District (SCAQMD).

CAPITAL OUTLAY FUND (430)

This fund is used to account for the construction and installation of street and highway capital improvements.

CENTRAL GARAGE/FLEET FUND (650)

This fund is used to account for the maintenance and repair of all City-owned vehicles and motorized equipment.

CENTRAL STORES FUND (640)

Used to account for the operations of the City's centralized supplies inventory, including receiving and delivery services provided to City departments.

COMMUNITY DEVELOPMENT BLOCK GRANT (220)

Federal funds are allocated to local government, usually through a local clearinghouse (Riverside County Economic Development Agency), based on a formula, and are required to be applied for and used within a broad functional area such as community development.

ELECTRIC FUND (510)

Capital expenditures for the City's Electric Utility are budgeted in the Electric Fund (510), which is an enterprise fund. The majority of funding for capital expenditures will be from bond proceeds. Additional funding will be from the use of reserves, rates, and contributions in aid of construction.

GENERAL FUND (101)

Major support for the General Fund comes from sales tax, property tax, fees for services rendered, utility users' tax, Transient Occupancy Tax (TOT), and transfers from the Electric and Water Funds. Projects supported by this fund are budgeted on an availability of funds basis and funded from general revenues. The General Fund is used to record only current revenues and

Revenue Sources

current expenses; it does not recognize long-term assets and liabilities. This fund provides traditional governmental services such as public safety, library, and recreational services.

GRANT FUND (215)

Contributions of cash or other assets from another governmental agency or other organization to be used or expended for a specific purpose, activity, or facility.

GAS TAX FUND (230)

Revenue for this fund is generated by the State of California's tax on gasoline sales. The funds are dedicated to local transportation capacity improvements and restricted to research, planning, construction, improvement, maintenance and operation of public streets and highways or public mass transit.

LOCAL PARK SPECIAL CAPITAL IMPROVEMENTS FUND (411)

This fund is used to account for capital projects to construct parks and recreational facilities funded by impact fees.

MEASURE A FUND (432)

State funds are generated from the one-half percent sales tax levied throughout Riverside County to carry out transportation projects. Funds are restricted to fund a comprehensive program of roadway and transit improvements including: highway, street, and road construction; highway, street, and road maintenance; bus and light rail capital and operations; improved transportation services for elderly and handicapped persons; and transportation-related air quality programs. Original Measure A expired in 2009 but a measure was placed on the November 2004 ballot to renew the Measure A for 30 more years after the original measure expired. After voters passed the new Measure A with more than 75% of voter approval, the "new" Measure A took effect in April 2009.

MEASURE Z CAPITAL FUND (420)

This fund is used to account for capital projects funded by Measure Z, which was approved by Riverside voters on November 8, 2016. Revenues from the 1% use tax will be used on capital projects such as the new Downtown Library, Police Headquarters, Museum Expansion, and Downtown Parking Garage.

PUBLIC PARKING FUND (570)

Capital expenditures for the construction of parking facilities are budgeted in the Public Parking Fund (570), which is an enterprise fund. This fund is also used

Revenue Sources

to account for expenditures related to parking facilities operated by the City in Downtown Riverside. Revenue sources include:

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

RDSA RORF – ARLINGTON BOND FUND (471)

Redevelopment Successor Agency (RDSA) Redevelopment Obligation Retirement Fund (RORF), which is a requirement of the legislation dissolving California Redevelopment Agencies. Assets and liabilities of each former Redevelopment Project Area are now housed in individual RORFs.

REFUSE COLLECTION FUND (540)

This fund is used to account for the operation of the City's solid waste and sanitation program, which provides for the collection and disposal of solid waste. Revenues are collected on a user charge basis to residents and businesses.

REGIONAL PARK SPECIAL CAPITAL IMPROVEMENTS FUND (413)

Regional park improvements are funded through the Regional Park Fund. A portion of Development Fees charged when properties are developed is dedicated to the funding of regional parks and recreational facilities. Fees are dependent on development so the CIP only shows funded projects for which fee revenues are already available or that are annual funding obligations. As funding becomes available, the Parks, Recreation, and Community Services Department requests that the City Council appropriate funds for projects contained in the Unfunded Capital Projects list. Projects are not programmed based on anticipated revenues.

SEWER SERVICE FUND (550)

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

- Sewer Connection Fees – fees charged when property is developed that are dedicated to the funding of sewer infrastructure projects
- Service Charges – funds that are generated from service charges to users of the City's sewer system

Revenue Sources

- Community Services District (CSD) Payments – payments from Community Services Districts for which the City provides sewage treatment services
- State Revolving Loans – low interest loans provided by the State to fund capital improvements
- Bond Proceeds – proceeds from the sale of revenue bonds

SPECIAL CAPITAL IMPROVEMENTS FUND (411)

This fund is used to account for the acquisition, construction, and installation of capital improvements and a Community Facilities District within the City.

SPECIAL TRANSIT FUND (560)

This fund is used to account for expenditures related to the City's fleet of mini-buses that are used to transport senior citizens and disabled persons.

STORM DRAIN DEVELOPMENT IMPACT FEE (DIF) FUND (410)

Capital expenditures for the construction and improvement of storm drains are budgeted in the Storm Drain Fund. Revenues are from Storm Drain Fees, which are charged when property is developed. The funds are dedicated to storm drain infrastructure projects. This fund is also used to account for the National Pollution Discharge Elimination System (NPDES). Funds are used for storm drain maintenance and inspection as required for California storm water permits funded by a special assessment district of Riverside County.

TRANSPORTATION FUND (431)

This account is to account for the operations of the City's Senior Citizens' and Handicapped Transportation System in accordance with Article 4 of the Transportation Development Act of 1971 (California Senate Bill 325). The Federal Trans Administration Funds are also accounted for in this fund.

TRANSPORTATION DEVELOPMENT IMPACT FEE (DIF) FUND (433)

Revenues for this fund are collected from property developments. This one-time charge is collected over the course of development. Funds are dedicated to offset costs for transportation and flood control improvements.

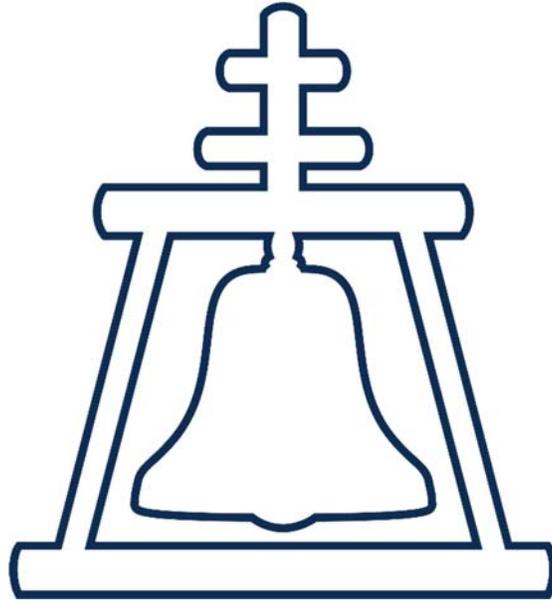
TRANSPORTATION UNIFORM MITIGATION FEES (TUMF) FUND (434)

Under TUMF, developers of residential, industrial and commercial property pay a development fee to fund transportation projects that will be required because of the growth the projects create. The Western Riverside Council of Governments oversees the allocation of TUMF fees to cities for funding local transportation projects.

Revenue Sources

WATER FUND (520)

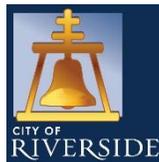
Capital expenditures for the City's Water Utility are budgeted in the Water Fund, which is an enterprise fund. The majority of funding for capital expenditures will be from bond proceeds. Additional funding will be from the use of reserves, rates, and contributions in aid of construction.



CITY OF RIVERSIDE

CAPITAL IMPROVEMENT PROGRAM

INDEX



Alphabetical Index

SCHEDULES AND CHARTS

Alphabetical Index.....	383
APPENDIX A: Schedule of Unfunded Capital Projects.....	339
APPENDIX B: Capital Fiscal Policies	345
APPENDIX C: Planning Commission Action Items.....	349
Capital Improvement Plan Sources and Uses	23
Capital Improvement Program Glossary.....	369
Capital Improvement Projects by Funding Source.....	29
Capital Improvement Projects by Project Category	37
City Manager’s Message	3
Financial Summary Narrative.....	15
Guide to the Capital Improvement Program.....	5
Project Number Index.....	389
Revenue Summary by Fund	41

PROGRAM CATEGORY OVERVIEWS

Airport	45
Electric	61
Innovation and Technology.....	109
Municipal Buildings and Facilities	119
Parks, Recreation, and Community Services.....	133
Public Parking.....	161
Railroad-Related	171
Sewer	183
Storm Drain	231
Transportation	243
Water	307

PROJECT DESCRIPTIONS

Active Transportation Master Plan – 9023	286
Active Transportation Program Cycle V - 9144.....	299
Adair Sidewalk-Jo Jo Randolph - 9082	292
Adams Street/State Route 91 Interchange Improvements - 8821	264
Advanced Distribution Management System - 470830E.....	105
Advanced Metering Infrastructure - 470823E	99
Advanced Metering Infrastructure - 470823W	328
Airport - Taxiway A Rehab - 2667.....	50
Airport - Taxiway J Rehab - 2668	51
Airport Airfield Signage - 2707.....	54
Airport Camera System – 9039.....	57
Airport Emergency Generator - 2704.....	52
Airport Facilities Terminal Patio Deck - 9034.....	55

Alphabetical Index

Airport Runway 16/34 Rehabilitation - 2666.....49

Airport Runway 34 Windsock Relocation - 2706.....53

Apron Asphalt Project Phase I – 9038.....56

Aquifer Storage & Recovery System – 470814W.....324

Arlington Valley Channel Pipe Replacement - 9112.....212

Arlington Youth Innovation Center – 8867.....153

Arterial Interconnect Program – 5862.....254

Berry Rd Widening - Selina Street to Bush Ave - 9138.....296

Bio-Solids Handling Rehabilitation – 8928.....195

BNSF Quiet Zone - Mission Inn, 3RD, & Spruce – 8610.....176

BNSF Third Street Grade Separation – 9901.....179

BNSF/Third Street Railroad Crossing – 8914.....178

BNSF/UP Quiet Zone - Panorama & Cridge – 5934.....175

Bobby Bonds Park Artificial Turf Refurbishment - 2713.....150

Bonita Sidewalk-Tyler Pendleton - 9083.....293

Bordwell Park - Floor Replacement – 2642.....147

Cable Replacement – 470635E.....85

Cable Replacement - Public Works Street Rehab – 470636E.....86

Canyon Crest Widening – 5876.....255

Capacitors-Regulators – 470612E.....72

Carlson Park Historic Falls Restoration – 8957.....155

CDBG Street Improvements - Matching Funds – 8888.....274

Central/Canyon Crest/Watkins Bike Lanes – 8935.....280

Cheech Marin Center for Chicano Art – 9016.....125

City Buildings Deferred Maintenance – 9019.....128

Citywide Bike Share Program – 8823.....265

Citywide Communications – 470664E.....91

Controller Assembly Replacement – 5183.....250

Curb and Gutter Repair Program – 8883.....269

Customer Information System (CIS) Upgrade – 470694E.....95

Dark Fiber – 470698E.....97

Data Network Replacement – 9022.....113

Datacenter/Disaster Recovery Capital Improvements - 9140.....115

Dexter Wastewater - 8659.....194

Distribution Automation/Reliability – 470655E.....90

Distribution Automation/Reliability – 470655W.....313

Distribution Line Extensions – 470601E.....67

Distribution System Facilities Replacements – 470706W.....317

Downtown Bicycle & Pedestrian Improvements – 8891.....277

Downtown Library – 9905.....130

El Dorado Park Walking Path – 2572.....138

Elimination of University Knolls Pump Station - 9102.....202

Alphabetical Index

Enterprise Operation Data Mgmt System – 470822E.....	98
Enterprise Operation Data Mgmt System – 470822W	327
Facility Rehabilitation Program – 470803W	321
Fairgrounds Wastewater - 8334	192
Fairmount Park Lake Evans Lakeshore Access - 9099	158
Fairmount Park Signage – 2641.....	146
Fairview & Cornwall Storm Drain Project – 9020	237
Fiber Optic Connection Upgrade - 9153.....	116
Fire Plymovent Exhaust System - 1675	123
Fire Station 11 Dorm Improvements - 9132	129
Fleet Methane Detection System – 4085.....	124
Gage Canal Trail Improvements - 4092.....	152
Garage LED Lighting Upgrade - 9134	166
General Order 165 (GO 165) Upgrades/Line Rebuilds/Relocation Overhead – 470623E	79
Geographic Information System (GIS) Upgrade – 470696E	96
GIS Technology Upgrade - 9070.....	114
GO 165 Upgrades/Line Rebuilds/Relocate - Underground – 470624E	80
Goeske Senior Center - Restroom Renovation – 2602	141
Golden Avenue Sewer Pipe Replacement - 9109	209
High Friction Surface and Hawk Signals – 8936.....	281
Hunter Park - Railroad Kiosk – 2600.....	139
Hydrant Check Valves – 470815W	325
Indian Hill Road Slope Mitigation Project – 8990	284
Interconnected Traffic Signal Controller Replacement – 9024	287
Iowa Avenue Widening – 8998.....	285
Jurupa Avenue Extension – 5984	257
Knoefler Street Improvements - 9155	303
La Sierra Park ADA Walkway - Phase I - 2609.....	145
La Sierra Park ADA Walkway - Phase II - 2646	149
Land Mobile Radio – 470827E	103
Land Mobile Radio – 470827W.....	332
Larchwood Place Reconstruction - Brockton Ave To End of Street - 9084 ...	294
LED Signal Lenses Replacement Program – 8619.....	260
Line Rebuilds – 470603E.....	68
Local Roadway Safety Improvement Plan - 9088.....	295
Magnolia Avenue Widening from Buchanan Street to Hole Avenue – 8824	266
Main Replacements Program – 470707W	318
Major 4-12 kV Conversion – 470644E.....	89
Major Feeders – 470633E	83
Major Overhead/Underground Conversions – 470619E.....	77

Alphabetical Index

Major Street Light Projects – 470637E.....	87
Major Streets Rehabilitation – 8880.....	268
Major Tract Distribution – 470626E.....	81
Major Transmission Line Projects – 470620E.....	78
Market Street Bridge Replacement Over the Santa Ana River – 8699.....	262
Martha Mclean Anza Narrows - Frisbee Golf Course – 2601.....	140
Measure Z Pavement Rehabilitation and Pedestrian Facilities Improvement Program – 9027.....	289
Measure Z Pavement Rehabilitation and Pedestrian Facilities Improvement Program – 9026.....	288
Meters – 470613E.....	73
Meters – 470702W.....	315
Metro Museum Expansion and Rehabilitation – 9017.....	126
Minor Street Preservation Program (Slurry/ARAM) – 8894.....	278
Minor Street Rehabilitation Program – 8884.....	270
Misc Street Construction Program – 5070.....	249
Miscellaneous Signal Revisions Program – 5861.....	253
Miscellaneous Storm Drain Construction – 7001.....	235
Miscellaneous Traffic Projects – 8832.....	267
Mission Boulevard Bridge Replacement at Santa Ana River – 8629.....	261
Mobile Applications – 470831E.....	106
Mobile Applications – 470831W.....	333
Monroe Rehab-Lincoln to Arlington – 8937.....	282
Monroe Storm Drain Project (Lines E2, E3, E5) – 8997.....	236
Mt. Rubidoux Trail Improvements – 8952.....	154
Myra Linn Park - Access Improvements – 2604.....	142
Myra Linn Park - Fitness Stations – 2608.....	144
Myra Linn Park - Shade Sails – 2606.....	143
Myra Linn Park Master Plan Improvements - 3398.....	151
Neighborhood Street Light Retrofit – 470638E.....	88
Network Communication System – 470826E.....	102
Network Communication System – 470826W.....	331
New Traffic Signals Program – 8341.....	258
Nichols Community Center Renovation – 2569.....	137
Norte Vista Sidewalk Improvements – 8889.....	275
Operational Technology Governance – 470824E.....	100
Operational Technology Governance – 470824W.....	329
Outage Management System – 470829E.....	104
PARCS - Parking Access Revenue Control Systems - 9129.....	165
Parks Master Plan Update – 9003.....	156
Pedestrian Ramps Program – 8887.....	273
Pierce Pump Street Station Rehabilitation - 9100.....	200

Alphabetical Index

Plant II Activated Sludge Rehab - Phase I – 9045.....	199
Plant II Blower No. II Rehabilitation – 8977	198
Police Headquarters – 9018	127
Potable/Irrigation Well Replacement – 470833W.....	335
Priority Pipeline Assessment & Repair - 9115.....	215
Pump Station Replacements – 470802W.....	320
Recycled Water (Jackson St. Phase I - Facilities and Site Conversions) – 470811W.....	322
Riverside Transmission Reliability Project (RTRP) – 470685E	93
RMRA Traffic Improvements FY 2020/21 - 9150	301
RMRA Traffic Improvements FY 2021/22 - 9151	302
RTRP - 230kV Reimbursable – 470686E.....	94
RWQCP Rehabilitation - Phase II – 8015.....	191
San Andreas Drainage Improvements – 8959	283
SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program – 9029	291
SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program – 9028	290
SCADA Upgrade & System Automation – 470832W	334
Secondary System Upgrades – 7138.....	189
Services – 470615E	75
Seven Oaks Dam Conservation - Enhanced Recharge – 470813W.....	323
Sewer Main Replacement – Kmart Lot - 9108.....	208
Sewer Main Replacement – Market St - 9114	214
Sewer Main Replacement – Palm & Rubidoux - 9104	204
Sewer Main Replacement – Palm Ave - 9103.....	203
Sewer Main Replacement – Rubidoux Ave - 9105.....	205
Sewer Main Replacement – Rutland Ave - 9106.....	206
Sewer Main Replacement – S.A.R. Trail - 9110	210
Sewer Main Replacement – West Rutland Ave - 9107	207
Sewer Pipe Expansion – Greenpoint Ave - 9111	211
Sewer Pipeline Replacement – Morris St - 9113	213
Sidewalk Fronting Patricia Beatty - 9143.....	298
Sidewalk Repair Program – 8886	272
Sidewalk/Trail Construction Program - 8885.....	271
Sierra Street Storm Drain Improvements - 9137	239
Southern California Edison (SCE) Condemnation Costs - 470634E	84
Spread Spectrum Radio Replacement – 5846	251
Street Lighting – 470607E	69
Structural Upgrades for Garages 1 & 2 - 9135	167
Substation Bus & Upgrades – 470616E	76
Substation Innovation – 470614E	74

Alphabetical Index

Substation Transformer Addition – 470632E	82
Supervisory Control and Data Acquisition (SCADA) – 470672E	92
System Expansion – 470701W	314
System Substation Modifications – 470608E	70
Tequesquite/Arroyo Trunk Line – 7709	190
Tertiary System Rehab - Phase I – 8613.....	193
Traffic Management Center – 5931.....	256
Traffic Signal Emergency Vehicle Replacement - 9146.....	300
Traffic Signal Loop Replacement Program – 5847	252
Trails Master Plan - 9091	157
Transformers – 470611E	71
Transmission Mains – 470735W	319
University Avenue Fiber Optic – 8711	263
UP Quiet Zone - Brockton and Palm – 8721	177
Upgrade Influent Flowmeters to Magmeters - 9116	216
Upper Santa Ana River Habitat Conservation Plan – 470819W	326
Van Buren Blvd Pump Station Rehabilitation - 9073	238
Van Buren Blvd Widening – 8926.....	279
Van Buren-Jurupa To Santa Ana River Bridge - 8409.....	259
Victoria at Washington Southbound Merge Lane - 9142	297
Villegas Park - Wading Pool Design – 2643	148
Wastewater Lift Stations – 8943	196
Water Stock – 470705W	316
Wells and Arlanza Sidewalk Project – 8890.....	276
Western, MLK, & Garden Hill Lift Station Rehab - 9101	201
Woodcrest Sewer Construction- Phase I - 8969	197
Work, Asset, and Inventory Management System – 470825E.....	101
Work, Asset, and Inventory Mgmt System – 470825W	330
WQCP Activated Treatment Train Rehab - 9118	218
WQCP Daft Rehabilitation - 9120.....	220
WQCP Digester No. V Rehabilitation - 9124	224
WQCP Electric Switchgear Replacement - 9126	226
WQCP Headworks Area Rehabilitation - 9117	217
WQCP HVAC Upgrade Phase II - 9122	222
WQCP Membrane Bioreactor Rehabilitation - 9121	221
WQCP Plant II Sludge Pumps I & II Rehab - 9119	219
WQCP Ring Interconnection Pipe - 9125	225
WQCP SCADA Infrastructure Replacement - 9127.....	227
WQCP Warehouse Building Replacement - 9123.....	223
WQCP Wi-Fi Phase II - 9128	228

Project Number Index

PROJECT NUMBER

1675	Fire Plymovent Exhaust System	123
2569	Nichols Community Center Renovation	137
2572	El Dorado Park Walking Path	138
2600	Hunter Park - Railroad Kiosk	139
2601	Martha McLean Anza Narrows - Frisbee Golf Course	140
2602	Goeske Senior Center - Restroom Renovation	141
2604	Myra Linn Park - Access Improvements	142
2606	Myra Linn Park - Shade Sails	143
2608	Myra Linn Park - Fitness Stations	144
2609	La Sierra Park ADA Walkway - Phase I	145
2641	Fairmount Park Signage	146
2642	Bordwell Park - Floor Replacement	147
2643	Villegas Park - Wading Pool Design	148
2646	La Sierra Park ADA Walkway - Phase II	149
2666	Airport Runway 16/34 Rehabilitation	49
2667	Airport - Taxiway A Rehabilitation	50
2668	Airport - Taxiway J Rehabilitation	51
2704	Airport Emergency Generator.....	52
2706	Airport Runway 34 Windssock Relocation	53
2707	Airport Airfield Signage.....	54
2713	Bobby Bonds Park Artificial Turf Replacement	150
3398	Myra Linn Park Master Plan Improvements.....	151
4085	Fleet Methane Detection System	124
4092	Gage Canal Trail Improvements.....	152
5070	Misc Street Construction Program	249
5183	Controller Assembly Replacement	250
5846	Spread Spectrum Radio Replacement	251
5847	Traffic Signal Loop Replacement Program	252
5861	Miscellaneous Signal Revisions Program	253
5862	Arterial Interconnect Program	254
5876	Canyon Crest Widening	255
5931	Traffic Management Center	256
5934	BNSF/UP Quiet Zone - Panorama & Cridge	175
5984	Jurupa Avenue Extension	257
7001	Miscellaneous Storm Drain Construction	235
7138	Secondary System Upgrades	189
7709	Tequesquite/Arroyo Trunk Line	190
8015	RWQCP Rehabilitation - Phase II	191
8334	Fairgrounds Wastewater.....	192
8341	New Traffic Signals Program	258
8409	Van Buren-Jurupa to Santa Ana River Bridge.....	259

Project Number Index

8610 BNSF Quiet Zone - Mission Inn, 3rd, & Spruce176

8613 Tertiary System Rehab - Phase I193

8619 LED Signal Lenses Replacement Program260

8629 Mission Boulevard Bridge Replacement at Santa Ana River261

8659 Dexter Wastewater194

8699 Market Street Bridge Replacement Over the Santa Ana River262

8711 University Avenue Fiber Optic263

8721 UP Quiet Zone - Brockton and Palm177

8821 Adams Street/State Route 91 Interchange Improvements264

8823 Citywide Bike Share Program265

8824 Magnolia Avenue Widening from Buchanan Street to Hole Avenue
.....266

8832 Miscellaneous Traffic Projects267

8867 Arlington Youth Innovation Center153

8880 Major Streets Rehabilitation268

8883 Curb and Gutter Repair Program269

8884 Minor Street Rehabilitation Program270

8885 Sidewalk/Trail Construction Program271

8886 Sidewalk Repair Program272

8887 Pedestrian Ramps Program273

8888 CDBG Street Improvements - Matching Funds274

8889 Norte Vista Sidewalk Improvements275

8890 Wells and Arlanza Sidewalk Project276

8891 Downtown Bicycle & Pedestrian Improvements277

8894 Minor Street Preservation Program (Slurry/ARAM)278

8914 BNSF/Third Street Railroad Crossing178

8926 Van Buren Blvd Widening279

8928 Bio-Solids Handling Rehabilitation195

8935 Central/Canyon Crest/Watkins Bike Lanes280

8936 High Friction Surface and Hawk Signals281

8937 Monroe Rehab-Lincoln to Arlington282

8943 Wastewater Lift Stations196

8952 Mt. Rubidoux Trail Improvements154

8957 Carlson Park Historic Falls Restoration155

8959 San Andreas Drainage Improvements283

8969 Woodcrest Sewer Construction – Phase I197

8977 Plant 2 Blower No.2 Rehab/Replacement198

8990 Indian Hill Road Slope Mitigation Project284

8997 Monroe Storm Drain Project (Lines E2, E3, E5)236

8998 Iowa Avenue Widening285

9003 Parks Master Plan Update156

9016 Cheech Marin Center for Chicano Art125

Project Number Index

9017	Metro Museum Expansion and Rehabilitation	126
9018	Police Headquarters	127
9019	City Buildings Deferred Maintenance	128
9020	Fairview & Cornwall Storm Drain Project	237
9022	Data Network Replacement	113
9023	Active Transportation Master Plan	286
9024	Interconnected Traffic Signal Controller Replacement	287
9026	Measure Z Pavement Rehabilitation and Pedestrian Facilities Improvement Program	288
9027	Measure Z Pavement Rehabilitation and Improvements	289
9028	SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program	290
9029	SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program	291
9034	Airport Facilities Terminal Patio Deck	55
9038	Apron Asphalt Project Phase I	56
9039	Airport Camera System	57
9045	Plant 2 Activated Sludge Rehab - Phase I	199
9070	GIS Technology Upgrade	114
9073	Van Buren Blvd Pump Station Rehabilitation	238
9082	Adair Sidewalk – JoJo Randolph.....	292
9083	Bonita Sidewalk-Tyler Pendleton	293
9084	Larchwood Place Reconstruction – Brockton Ave to End of Street ..	294
9088	Local Roadway Safety Improvement Plan	295
9091	Trails Master Plan Update	157
9099	Fairmount Park Lake Evans Lakeshore Access	158
9100	Pierce Pump Street Rehabilitation	200
9101	Western, MLK & Garden Hill Lift Station Rehab.....	201
9102	Elimination of University Knolls Pump Station.....	202
9103	Sewer Main Replacement – Palm Ave.....	203
9104	Sewer Main Replacement – Palm & Rubidoux.....	204
9105	Sewer Main Replacement – Rubidoux Ave	205
9106	Sewer Main Replacement – Rutland Ave	206
9107	Sewer Main Replacement – West Rutland Ave	207
9108	Sewer Main Replacement – Kmart Lot	208
9109	Golden Avenue Sewer Pipe Replacement	209
9110	Sewer Main Replacement – S.A.R. Trail	210
9111	Sewer Pipe Expansion – Greenpoint Ave	211
9112	Arlington Valley Channel Pipe Replacement	212
9113	Sewer Pipe Replacement – Morris St.....	213
9114	Sewer Main Replacement – Market St.	214
9115	Priority Pipeline Assessment & Repair	215

Project Number Index

- 9116 Upgrade Flow-Meters to Mag-Meters216
- 9117 WQCP Headworks Area Rehabilitation217
- 9118 WQCP Activated Treatment Train Rehab218
- 9119 WQCP Plant II Sludge Pumps I & II Rehab.....219
- 9120 WQCP Daft Rehabilitation220
- 9121 WQCP Membrane Bioreactor Rehabilitation.....221
- 9122 WQCP HVAC Upgrade Phase II222
- 9123 WQCP Warehouse Building Replacement223
- 9124 WQCP Digester No. V Rehabilitation.....224
- 9125 WQCP Ring Interconnection Pipe225
- 9126 WQCP Electric Switchgear Replacement226
- 9127 WQCP SCADA Infrastructure Replacement.....227
- 9128 WQCP Wi-Fi Phase II.....228
- 9129 Parking Access Revenue Control System (PARCS).....165
- 9132 Fire Station Dorm 11 Dorm Improvements129
- 9134 Garage LED Lighting Upgrade.....166
- 9135 Structural Upgrades to Garages 1 & 2167
- 9137 Sierra Street Storm Drain Improvements.....239
- 9138 Berry Rd Widening – Selina Street to Bush Avenue296
- 9140 Datacenter/Disaster Recovery Capital Improvements115
- 9142 Victoria at Washington Southbound Merge Lane297
- 9143 Sidewalk Fronting Patricia Beatty298
- 9144 Active Transportation Program Cycle V299
- 9146 Traffic Signal Emergency Vehicle Replacement300
- 9150 RMRA Traffic Improvements FY 2020/21301
- 9151 RMRA Rehab & Traffic Improvements.....302
- 9153 Fiber Optic Connection Upgrade116
- 9155 Knoefler Street Improvements.....303
- 9901 BNSF Third Street Grade Separation179
- 9905 Downtown Library130
- 470601E Distribution Line Extensions67
- 470603E Line Rebuilds68
- 470607E Street Lighting69
- 470608E System Substation Modifications70
- 470611E Transformers71
- 470612E Capacitors-Regulators72
- 470613E Meters73
- 470614E Substation Innovation74
- 470615E Services75
- 470616E Substation Bus & Upgrades76
- 470619E Major Overhead/Underground Conversions77
- 470620E Major Transmission Line Projects78

Project Number Index

470623E	General Order 165 (GO 165) Upgrades/Line Rebuilds/Relocation Overhead.....	79
470624E	GO 165 Upgrades/Line Rebuilds/Relocate - Underground	80
470626E	Major Tract Distribution	81
470632E	Substation Transformer Addition	82
470633E	Major Feeders	83
470634E	Southern California Edison (SCE) Condemnation Costs	84
470635E	Cable Replacement	85
470636E	Cable Replacement – Public Works Street Rehab	86
470637E	Major Street Light Projects	87
470638E	Neighborhood Street Light Retrofit	88
470644E	Major 4-12 kV Conversion	89
470655E	Distribution Automation/Reliability	90
470655W	Distribution Automation/Reliability	313
470664E	Citywide Communications	91
470672E	Supervisory Control and Data Acquisition (SCADA)	92
470685E	Riverside Transmission Reliability Project (RTRP)	93
470686E	RTRP – 230kV Reimbursable	94
470694E	Customer Information System (CIS) Upgrade	95
470696E	Geographic Information System (GIS) Upgrade	96
470698E	Dark Fiber	97
470701W	System Expansion	314
470702W	Meters	315
470705W	Water Stock	316
470706W	Distribution System Facilities Replacements	317
470707W	Main Replacements Program	318
470735W	Transmission Mains	319
470802W	Pump Station Replacements	320
470803W	Facility Rehabilitation Program	321
470811W	Recycled Water (Jackson St. Phase I – Facilities and Site Conversions)	322
470813W	Seven Oaks Dam Conservation – Enhanced Recharge	323
470814W	Aquifer Storage & Recovery System	324
470815W	Hydrant Check Valves	325
470819W	Upper Santa Ana River Habitat Conservation Plan	326
470822E	Enterprise Operation Data Mgmt System	98
470822W	Enterprise Operation Data Mgmt System	327
470823E	Advanced Metering Infrastructure	99
470823W	Advanced Metering Infrastructure	328
470824E	Operational Technology Governance	100
470824W	Operational Technology Governance	329
470825E	Work, Asset, and Inventory Management System	101

Project Number Index

470825W	Work, Asset, and Inventory Mgmt System	330
470826E	Network Communication System	102
470826W	Network Communication System	331
470827E	Land Mobile Radio	103
470827W	Land Mobile Radio	332
470829E	Outage Management System	104
470830E	Advanced Distribution Management System	105
470831E	Mobile Applications	106
470831W	Mobile Applications	333
470832W	SCADA Upgrade & System Automation	334
470833W	Potable/Irrigation Well Replacement	335