

Capital Improvement Program
Planned Projects Summary
Fiscal Year 2024/2025 & 2025/2026

Ref #	Funded Projects by Category	Reviewed by Planning Commission? (Yes/No)
	Airport	
1	AIRPORT FAA BUILDING STABILIZATION	No
	Electric	
2	ADVANCED DISTRIBUTION MANAGEMENT SYSTEM	Yes
3	ADVANCED METERING INFRASTRUCTURE	Yes
4	CABLE REPLACEMENT	Yes
5	CITYWIDE COMMUNICATIONS	Yes
6	DISTRIBUTION AUTOMATION	Yes
7	DISTRIBUTION LINE EXTENSIONS	Yes
8	ENTERPRISE OPERATION DATA MANAGEMENT SYSTEM	Yes
9	GENERAL ORDER 165 UPGRADES/LINE REBUILDS/RELOCATION - OVERHEAD	Yes
10	GENERATING STATION	Yes
11	HUNTER SUBSTATION	No
12	LAND MOBILE RADIO	Yes
13	LINE REBUILDS	Yes
14	MAJOR 4-12 KV CONVERSION	Yes
15	MAJOR FEEDERS	Yes
16	MAJOR OVERHEAD / UNDERGROUND CONVERSIONS	Yes
17	MAJOR STREETLIGHT PROJECTS	Yes
18	MAJOR TRANSMISSION LINE PROJECTS	Yes
19	METERS	Yes
20	NEIGHBORHOOD STREETLIGHT RETROFIT	Yes
21	NETWORK COMMUNICATION SYSTEM	Yes
22	OPERATIONAL TECHNOLOGY GOVERNANCE	Yes

23	OUTAGE MANAGEMENT SYSTEM	Yes
24	SERVICES	Yes
25	SOUTHERN CALIFORNIA EDISON (SCE) CONDEMNATION COSTS	Yes
26	STREET LIGHTING	Yes
27	SUBSTATION BUS & UPGRADES	Yes
28	SUBSTATION TRANSFORMER ADDITION	Yes
29	SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)	Yes
30	SYSTEM SUBSTATION MODIFICATIONS	Yes
31	TRANSFORMERS	Yes
32	WORK, ASSET, & INVENTORY MANAGEMENT SYSTEMS	Yes
	Municipal Buildings and Facilities	
33	CITY ATTORNEY'S OFFICE OFFICE RENOVATIONS	No
34	CITY BUILDINGS DEFERRED MAINTENANCE	Yes
35	CITY HALL TRANSFER SWITCH	No
36	RIVERSIDE ACCESS CENTER REHABILITATION	No
	Parks, Recreation and Community Services	
37	BORDWELL PARK HVAC REPLACEMENT & PLAYGROUND SURFACE COATING	No
38	CITYWIDE PARK IMPROVEMENTS	No
39	FAIRMOUNT PARK GOLF CART BARN	No
40	NICHOLS PARK PLAYGROUND SHADE SAILS	No
41	PARKS DEFERRED MAINTENANCE	Yes
42	RIVER DISTRICT FEASIBILITY STUDY	No
43	VILLEGAS PARK DRAINAGE IMPROVEMENTS	No
	Public Parking	
44	DIGITAL VALET SYSTEM	No
45	DOWNTOWN PARKING GARAGE #3 - FEASIBILITY STUDY	No
46	DOWNTOWN PARKING GARAGE #8	No
47	ON-STREET SPACE MONITORING SYSTEM	No

48	PARKING GARAGE - GUIDANCE, LIGHTING, CAMERA SYSTEM	No
49	PARKING GARAGE #6 - STRUCTURAL MAINTENANCE	No
50	PARKING GARAGE #7 - STRUCTURAL MAINTENANCE	No
51	REPAVING AND RESTRIPIING PARKING LOTS	No
52	RESTRIPIING ON-STREET PARKING SPACES	No
53	UNINTERRUPTED POWER SUPPLY BACKUP SYSTEM	No
54	VEHICLE EXIT WARNING SIGNS	No
	Railroad	
55	BNSF QUIET ZONE - MISSION INN TO MARLBOROUGH AVE	Yes
56	BNSF/THIRD STREET GRADE SEPARATION	Yes
	Sewer	
57	14TH STREET PUMP STATION ATS SWITCH REPLACEMENT	No
58	DEXTER WASTEWATER	Yes
59	FAIRGROUNDS WASTEWATER	Yes
60	PRIORITY PIPELINE ASSESSMENT & REPAIR	Yes
61	WATER QUALITY CONTROL PLANT - ACTIVATED TREATMENT TRAIN REHABILITATION	Yes
62	WATER QUALITY CONTROL PLANT - HEADWORKS AREA REHABILITATION	Yes
63	WATER QUALITY CONTROL PLANT - PLANT II SLUDGE PUMPS I & II REHABILITATION	Yes
64	WATER QUALITY CONTROL PLANT - UPGRADE FLOW METERS TO ELECTROMAGNETIC METERS	Yes
	Storm Drain	
65	COOLIDGE AVENUE STORM DRAIN	No
66	MISCELLANEOUS STORM DRAIN CONSTRUCTION	Yes
	Transportation	
67	ARTERIAL INTERCONNECT MAINTENANCE & REPLACEMENT	Yes
68	BATTERY BACKUP SYSTEM INSTALLATION	Yes
69	CALTRANS SUSTAINABLE TRANSPORTATION PLANNING GRANT	No
70	CDBG STREET IMPROVEMENTS - MATCHING FUNDS	Yes
71	CITYWIDE PEDESTRIAN & BIKE INFRASTRUCTURE	No
72	CIVIL RIGHTS WALK IMPROVEMENTS	No
73	CONTROLLER ASSEMBLY REPLACEMENT	Yes
74	CURB & GUTTER REPAIRS	Yes

75	FIVE POINTS INTERSECTION IMPROVEMENTS	No
76	LED SIGNAL LENS REPLACEMENTS	Yes
77	MAJOR STREETS REHABILITATION	Yes
78	MINOR STREET PRESERVATION	Yes
79	MINOR STREET REHABILITATION	Yes
80	MISCELLANEOUS BRIDGE REPAIR	Yes
81	MISCELLANEOUS SIGNAL REVISIONS	Yes
82	MISCELLANEOUS STREET CONSTRUCTION	Yes
83	MISCELLANEOUS TRAFFIC PROJECTS	Yes
84	MITCHELL AVE SIDEPATH PROJECT	No
85	NEW TRAFFIC SIGNAL INSTALLATIONS	Yes
86	PAVEMENT REHABILITATION & IMPROVEMENTS	Yes
87	PEDESTRIAN RAMPS	Yes
88	RMRA REHABILITATION & TRAFFIC IMPROVEMENTS	Yes
89	SIDEWALK REPAIR PROGRAM	Yes
90	SIDEWALK/TRAIL CONSTRUCTION	Yes
91	TRAFFIC DETECTION REPLACEMENT PROGRAM	Yes
92	TRAFFIC MANAGEMENT CENTER	Yes
93	TRAFFIC SIGNAL BACKPLATES, LPI & MISSION INN MEDIAN BARRIER PROJECT	No
94	TRAFFIC SIGNAL COMMUNICATION EQUIPMENT	Yes
95	TRAFFIC SIGNAL PREEMPTION DEVICE REPLACEMENT	Yes
96	WATKINS & BIG SPRINGS TRAFFIC SIGNAL	No
97	SOUTH MAIN COMPLETE STREETS	No
98	CITYWIDE SPEED REDUCTION PROGRAM	No
	Water	
99	ADVANCED METERING INFRASTRUCTURE	Yes
100	DISTRIBUTION AUTOMATION/RELIABILITY	Yes
101	DISTRIBUTION SYSTEM FACILITIES REPLACEMENTS	Yes
102	FACILITY REHABILITATION PROGRAM	Yes
103	MAIN REPLACEMENTS PROGRAM	Yes
104	METERS	Yes
105	OPERATIONAL TECHNOLOGY GOVERNANCE	Yes

106	POTABLE/IRRIGATION WELL REPLACEMENTS	Yes
107	RECYCLED WATER - JACKSON STREET PHASE I FACILITIES & SITE CONVERSIONS	Yes
108	SCADA UPGRADE & SYSTEM AUTOMATION	Yes
109	SYSTEM EXPANSION	Yes
110	TRANSMISSION MAINS	Yes
111	WATER STOCK	Yes
112	WORK, ASSET, & INVENTORY MANAGEMENT SYSTEMS	Yes

Capital Improvement Program
 Planned Projects Summary
 Fiscal Year 2024-2026

Ref No.	Project Name	Project Description
Airport		
1	AIRPORT FAA BUILDING STABILIZATION	The project is to address remedial repairs to FAA Building including building carpentry, stucco, and roof replacement.
Electric		
11	HUNTER SUBSTATION	<p>The project objective is to replace the existing Hunter Substation, which serves approximately 4,700 customers in the Hunter Industrial Park and Northside communities. This project aims to address the aging infrastructure of the existing Hunter Substation, commissioned in 1960 and now one of the oldest in the Riverside Public Utilities (RPU) electric system. This new facility, boasting advanced technology and increased capacity, will connect to four existing 69kV sub-transmission lines and 20-12kV distribution lines. Additionally, it includes the decommissioning and removal of the existing substation.</p> <p>The need for this upgrade is underscored by the substation's equipment age, averaging over 40 years, and the risks posed by its outdated 69kV bus structures and configuration. This project is in line with the 2023 Local Hazard Mitigation Plan for the City of Riverside and Riverside County, aiming to enhance electrical service reliability, safety, and efficiency.</p>
Municipal Buildings and Facilities		
33	CITY ATTORNEY'S OFFICE OFFICE RENOVATIONS	This project is for the office wide renovation and modernization of the City Attorney's Office. This project involves transforming the existing office library into a multi-purpose room, transforming the existing copy room into a trial

Capital Improvement Program
Planned Projects Summary
Fiscal Year 2024-2026

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35	CITY HALL TRANSFER SWITCH	preparation room, and transforming the existing conference room into an office space. In addition, the project addresses critical infrastructure needs, including making necessary repairs throughout the office to address safety hazards and modernizing the work environment to upgrade/modify existing workspaces to ensure safe, adequate, and appropriate facilities to meet the current operational needs of the office.
36	RIVERSIDE ACCESS CENTER REHABILITATION	This project is for the removal and replacement of the power generator switch for City Hall. The purpose of the switch is to allow for a seamless power switchover during outages for computer servers and other public safety needs of City Hall. The Access Center is a Design/Build renovation of the interior of the facility and provides improved security for clients upon entering the facility and a secured access point between the clients and Access Center staff. It would provide private interview rooms for clients and a conference room for staff. Renovated restrooms, drop ceiling in the staff area for privacy, new breakroom for staff, upgraded HVAC systems, new flooring, roof repairs, and additional storage. Additional improvements will be evaluated based on budget and additional needs identified.
Parks, Recreation, and Community Services		
37	BORDWELL PARK HVAC REPLACEMENT & PLAYGROUND SURFACE COATING	This project includes the replacement of seven heating, ventilation, and air conditioning (HVAC) systems at Bordwell Park. The existing HVAC units use refrigerant that is no longer manufactured but is required to keep the air conditioning system operating efficiently and compliant with current environmental regulations. The upgraded systems will allow for Bordwell Park buildings to be utilized as cooling centers in extreme heat conditions

Capital Improvement Program
 Planned Projects Summary
 Fiscal Year 2024-2026

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		<p>and continue to operate safely for those youth groups that utilize the buildings for pre-school and other childcare activities. This project also includes the application of roll coating to the playground surface at Bordwell Park. The roll coat strengthens the surface, adds ultraviolet protection, brightens the look of colors, while also helping prevent cracks, holes, and granulation of the surface. The surface coating will also extend the useful life of the playground.</p>
38	CITYWIDE PARK IMPROVEMENTS	<p>The Second ARPA Expenditure Plan allocated \$10 million for Park Deferred Maintenance Projects. These priority park projects focused on addressing safety concerns, compliance, and improving public health. These priority differed maintenance items include playground replacement, playground surfacing replacements, HVAC replacement, parking lot renovations, and flooring renovations that are distributed equitably throughout all wards.</p> <p>An additional \$3 million was allocated by Council on October 10th, 2023 for Fairmount Lake Dredging, Golf Course Fencing, and additional playground equipment and surfacing renovations.</p>
39	FAIRMOUNT PARK GOLF CART BARN	<p>This project will construct a prefabricated storage barn to house approximately 35 golf carts at Fairmount Park Golf Course. The barn will be equipped with charging stations to recharge the golf carts while in storage and security cameras will be installed to prevent vandalism and theft.</p>
40	NICHOLS PARK PLAYGROUND SHADE SAILS	<p>The project involves the detailed design and installation of shade structures over the existing playgrounds. This encompasses not only the installation of the structures but also includes repairs to the playground impact-attenuating surfacing. Additionally, the project involves minor grading, drainage enhancements, landscaping, irrigation adjustments, utility</p>

<h2 style="text-align: center;">Capital Improvement Program</h2> <p style="text-align: center;">Planned Projects Summary Fiscal Year 2024-2026</p>		
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42	RIVER DISTRICT FEASIBILITY STUDY	<p>improvements, and furnishing enhancements to create a comprehensive and upgraded recreational space.</p> <p>Most Riversiders don't even know that there is a river, they don't know how to access the river, and they don't feel safe near the river. The goal of this project is to 'put the river back in Riverside' by creating the River District public realm that will be environmentally and fiscally sustainable and will connect the community to the river. The current project is a feasibility study and planning work that will define the River District properties and elements; governance structure and funding; and branding.</p>
43	VILLEGAS PARK DRAINAGE IMPROVEMENTS	<p>The project involves the comprehensive design and construction of ADA (Americans with Disabilities Act) and drainage improvements at Villegas Park. This encompasses the demolition phase, grading activities, drainage system enhancements, as well as the installation of DG (Decomposed Granite), asphalt, and concrete paving. Additionally, there will be minor adjustments to landscaping and irrigation systems as required for the overall project.</p>
Public Parking		
44	DIGITAL VALET SYSTEM	<p>The purpose of this project is to purchase and implement the TEZ Valet Software to set up the Park Riverside valet program in downtown Riverside. The need for a valet service in downtown Riverside has been expressed by numerous local business owners. This service will elevate the area, bring in new customers, and provide additional conveniences for existing patrons, contributing to the area's economic growth and vibrancy.</p>

Capital Improvement Program

Planned Projects Summary Fiscal Year 2024-2026

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45	DOWNTOWN PARKING GARAGE #3 - FEASIBILITY STUDY	The expansion feasibility study for Garage 3 in downtown Riverside is a pivotal undertaking aimed at assessing the viability and potential benefits of enlarging the existing parking structure. This comprehensive study will involve analyzing factors such as demand trends, space constraints, infrastructure requirements, parking logistics and financial implications. The project will address parking shortages, enhance accessibility, and contribute to the continued growth and vibrancy of downtown Riverside as a premier destination.
46	DOWNTOWN PARKING GARAGE #8	The construction of Garage 8 is a significant endeavor aimed at expanding parking capacity and providing parking options for Riverside Alive, sale of Garages 1 and 2, and expansion of Garage 3. This comprehensive project will involve the construction of a new parking structure, to be LEED rated and equipped with state-of-the-art Green technology.
47	ON-STREET SPACE MONITORING SYSTEM	The purchase and installation of an on-street space monitoring sensors will transform the downtown parking experience by providing on-street real-time wayfinding digital signs as well as mobile app with real-time available on-street spaces. This technology will enable residents, visitors, and businesses to easily identify available parking spaces in real-time, reducing congestion and frustration. By providing accurate and up-to-date information on parking availability, the project seeks to elevate the downtown experience, streamline traffic flow, and support local businesses.
48	PARKING GARAGE - GUIDANCE, LIGHTING, CAMERA SYSTEM	This project involves the purchase and installation of a comprehensive guidance/wayfinding system, lighting, and cameras aimed at enhancing parking efficiency and safety for customers. By providing clear guidance

Capital Improvement Program
 Planned Projects Summary
 Fiscal Year 2024-2026

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49	PARKING GARAGE #6 - STRUCTURAL MAINTENANCE	and improved visibility, this initiative will streamline parking processes, reduce congestion, deter crime, enhance safety, and improve the parking experience. This project entails comprehensive structural maintenance for Garages 1, 2, 3 and 6 aiming to address long-standing deferred maintenance issues. By implementing the necessary repairs and upgrades across these key structures, it will enhance the safety, extend the lifespan of the garages, and ensure a reliable infrastructure for the community.
50	PARKING GARAGE #7 - STRUCTURAL MAINTENANCE	The structural maintenance project for Garage 7 aims to address existing maintenance needs and ensure the structural integrity and safety of the facility. This comprehensive initiative will involve thorough assessments, repairs, and upgrades as necessary to mitigate any structural deficiencies and prolong the lifespan of the garage. By proactively addressing maintenance issues, the project will enhance the functionality and safety of Garage 7, providing a reliable parking solution for patrons and staff.
51	REPAVING AND RESTRIPIING PARKING LOTS	This project involves repaving and restriping the public parking lots in downtown to address normal wear and tear. The project will contribute to the overall beautification and appeal of downtown Riverside, making it a more inviting destination for visitors and residents alike.
52	RESTRIPIING ON-STREET PARKING SPACES	This project will involve restriping existing on-street parking spaces due to normal wear and tear. The project will contribute to the overall beautification and appeal of downtown Riverside, making it a more inviting destination for visitors and residents alike.

Capital Improvement Program
Planned Projects Summary
Fiscal Year 2024-2026

Ref No.	Project Name	Project Description
53	UNINTERRUPTED POWER SUPPLY BACKUP SYSTEM	The purpose of this project is to replace the Uninterrupted Power Supply (UPS) backup system for Garage 6. This system will provide backup power to essential lighting fixtures such as exit signs and emergency lights during power outages.
54	VEHICLE EXIT WARNING SIGNS	This project involves the purchase and installation of vehicle exit warning signs for Garages 1, 2 and 6 with the aim of enhancing pedestrian safety at the vehicular exit points of the garages. The signs will provide visual and audible warnings to pedestrians that a vehicle is exiting the parking garage.
Sewer		
57	14TH STREET PUMP STATION ATS SWITCH REPLACEMENT	This project proposes to install electronic control panels, piping, and fittings to allow for connections to a mobile generator when electrical power goes out during emergency situations to avoid inundation of storm water at the 14th street underpass.
Storm Drain		
65	COOLIDGE AVENUE STORM DRAIN	The project is to install 800 linear feet 12-inch to 18-inch diameter reinforced concrete pipe into Coolidge Ave with two catch basins. The project is necessary due to multiple flooding incidents on private property on the north side of Coolidge Avenue.
Transportation		
69	CALTRANS SUSTAINABLE TRANSPORTATION PLANNING GRANT	The purpose of this project is to develop Individualized Pedestrian & Bike Safety Action Plans & Safe Routes To School Reports for each of the fifty (50) K-8 public schools citywide.

Capital Improvement Program
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Fiscal Year 2024-2026

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71	CITYWIDE PEDESTRIAN & BIKE INFRASTRUCTURE	The Riverside Citywide Pedestrian & Bicycle Improvements Project proposes to install High-Visibility Crosswalks, accessible pedestrian signal systems, Green Bike Lane Striping, RRFB's, LED Stop Signs, & signage/stripping upgrades at 24 prioritized intersection locations as identified in the Local Roadway Safety Plan, Riverside PACT Plan & public requests. The project benefits include improved connectivity, enhanced safety & mobility, & encourages a more active lifestyle via walking & biking.
72	CIVIL RIGHTS WALK IMPROVEMENTS	The purpose of this project is to construct pedestrian sidewalk, ramp, signal, and wayfinding improvements to establish a Civil Rights Walk path in the City of Riverside Downtown area.
75	FIVE POINTS INTERSECTION IMPROVEMENTS	The purpose of this project is to upgrade crosswalks at the Five Points intersection including in-pavement lighting, construct a 9,000 square-foot pedestrian plaza with removable bollards, and construct 1.5 miles of sidewalk.
84	MITCHELL AVE SIDE-PATH PROJECT	The Mitchell Avenue Side-path Gap Closure project will close the gap between two existing segments of a Class I side-path along Mitchell Avenue in the La Sierra and La Sierra Acres neighborhoods of Riverside. The project will connect the two existing segments, extending the length of the path by creating 0.94 miles of new Class I decomposed granite side-path along the west side of Mitchell Avenue. The project would also close the gap between two existing segments of the trail resulting in a combined 1.97-mile path from Arlington Avenue south to Hole Avenue, connecting communities in the La Sierra Heights and La Sierra neighborhoods to parks and schools.

Capital Improvement Program
 Planned Projects Summary
 Fiscal Year 2024-2026

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93	TRAFFIC SIGNAL BACKPLATES, LPI & MISSION INN MEDIAN BARRIER PROJECT	The Highway Safety Improvement Program (HSIP) Cycle XI grant-funded project improvements include: 1) Installation of a raised median barrier and enhanced high friction surface treatment (HFST) surfacing along Mission Inn Avenue between Redwood Drive and Scout Lane to reduce the number of collisions and wet-road crashes. 2) Installation of retro-reflective signal backplates on all traffic signalized intersection locations citywide that make the signals more visible, boost driver awareness of the signals, and reduce collisions. 3) Implementation of Leading Pedestrian Interval (LPI) timing at all signalized crosswalk locations citywide, which increases safety by giving pedestrians and cyclists 3-7 seconds to start their path across the street before cars start driving, which increases the likelihood of vehicles yielding.
96	WATKINS & BIG SPRINGS TRAFFIC SIGNAL	This project is a collaboration between the City and the University of California-Riverside (UCR) to design, administer, and construct a new traffic signal at the intersection of Watkins Drive and Big Springs Road due to the planned UCR parking structure project.
97	SOUTH MAIN COMPLETE STREETS	The City has earmarked federal funds to construct the transformative South Main Complete Street Project which includes: a new road diet (reduction in the number of travel lanes from 4 to 2) along Main Street from the 60 Freeway to Third Street with zipper parking, concrete sidewalks, pedestrian ramps, speed feedback signs, rectangular rapid flashing beacons, planters, and diagonal parking in the median along with a bundled component for supplemental safety action planning projects. This project is included in the adopted circulation element of the Northside Specific Plan.

Capital Improvement Program
Planned Projects Summary
Fiscal Year 2024-2026

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98	CITYWIDE SPEED REDUCTION PROGRAM	The project is anticipated to reduce roadway speeds and increase parking opportunities for residents and business patrons along Main Street. Additional components of the implementation grant application consist of high-visibility crosswalks and audible pedestrian push button within a 1/2 mile radius of the Main Street project influence area.