



PLANNING COMMISSION HEARING DATE: MARCH 22, 2018

AGENDA ITEM NO.: 3

PROPOSED PROJECT

<i>Case Numbers</i>	PSP18-0005
<i>Request</i>	Review the first two years of the City of Riverside's FY 2018/19 through FY 2022/23 five-year Capital Improvement Program (CIP) for consistency with General Plan 2025
<i>Applicant</i>	City of Riverside Finance Department
<i>Project Location</i>	Citywide
<i>Ward</i>	Citywide
<i>Staff Planner</i>	David Murray, Senior Planner, 951-826-5773; dmurray@riversideca.gov

RECOMMENDATIONS

Staff Recommends that the City Planning Commission:

1. **DETERMINE** that the first two years of the City of Riverside's FY 2018/19 through FY 2022/23 five-year Capital Improvement Program (CIP)(PSP18-0005) is not subject to the California Environmental Quality Act (CEQA) review pursuant to CEQA Guidelines Section 15060(c)(3) because the review is not considered a "project", as defined by section 15378(b)(4). Additionally, the determination of consistency by the Planning Commission has no potential to result in a direct or indirect physical change in the environment.
2. **FIND** that FY 2018/19 and FY 2019/20 of the five-year Capital Improvement Program is consistent with the City's General Plan 2025; and
3. **REPORT to the City Council** that FY 2018/19 and FY 2019/20 of the five-year Capital Improvement Program is consistent with the City's General Plan 2025.

BACKGROUND

The City of Riverside Charter and the Riverside Municipal Code require that the Planning Commission review the City's proposed Capital Improvement Program (CIP) and determine that the program is consistent with the City's General Plan. California Government Code Section 65401 also requires that the Planning Commission review the City's Capital Improvement Program (CIP) for the upcoming fiscal year, and report its findings to the City Council.

The Planning Commission last reviewed the Fiscal Year (FY) 2017/2018 CIP on May 18, 2017, and reported that the projects were in conformity with the General Plan. Finance staff has prepared a formal CIP for City Council consideration as part of the FY 2018/19 through FY 2022/23 five-year budget process. The five-year CIP, along with a two-year budget, will be reviewed by the City Council following its review by the Planning Commission.

PROPOSAL/REQUEST

Staff is requesting that the Planning Commission review the CIP projects for FY 2018/19 and FY 2019/20, and report as to whether the projects conform to the City's General Plan. Exhibit 2 is a listing of all capital improvement projects contemplated for approval during FY 2018/19 and FY 2019/20. Included on the attached list are 92 identified projects at a total estimated cost of \$231,648,232 for the two-year period.

Of the 92 projects identified in the first two years of the CIP, 86 projects are budgeted for FY 2018/19 for a total budget estimate of \$124,120,463 and 73 of the projects are budgeted for FY 2019/20 for a total budget estimate of \$107,527,769. Additionally, of the 92 identified projects listed, 78 are projects that are continued from FY 2017/18, and 14 are new projects.

PROJECT ANALYSIS

The Planning Division has reviewed the listed projects for conformance with General Plan 2025. Staff created two tables to correlate the General Plan 2025 Objectives and Policies that support FY 2018/19 and FY 2019/20 projects. Table 1 is comprised of projects related to the maintenance and replacement of existing facilities, as well improvements to new facilities that are needed to comply with State and Federal mandates, such as water conservation measures and accessibility for the disabled. In contrast, Table 2 lists new capital improvement projects.

While project costs have been provided, it is important to recognize the role of the Planning Commission, per City Ordinance and State law, is to report on project consistency with the General Plan.

MAINTENANCE, REPAIR AND MANDATED PROJECTS

The City's General Plan 2025, is a "vision document" intended to provide guidance for managing the City's growth. While most of General Plan 2025 is focused on policies related to new infrastructure and programs, it does identify the necessity of maintaining and repairing existing infrastructure, as illustrated on page PF-1:

"Well-designed and maintained infrastructure systems are critical to a community's economic development goals, and they enhance the quality of neighborhoods. Infrastructure, such as sewer and water lines, broadband communications networks and solid waste collection and disposal must be sufficient to accommodate the present and future needs of the community. As infrastructure ages or growth outpaces capacity, isolated failures represent a real potential. Providing quality public facilities such as libraries, hospitals and community centers are also of vital importance, as they contribute to the health, education and quality of life for all residents."

Additionally, page PR-16 underlines with City's commitment to maintaining existing park facilities while expanding new opportunities:

"Enhancing Riverside's existing park and recreation facilities, as well as creating new recreational opportunities, will be carried out through the following objectives and policies. The City will continue to maintain its existing recreation programs and facilities, as well as making those resources available to all Riversiders."

Table 1 below lists sixty (60) capital improvement projects in FY 2018/19 and FY 2019/20 that are necessary to maintain or rehabilitate existing infrastructure, or modify existing facilities to meet State or Federal mandates. This list does not include rehabilitation projects that are intended to expand a facility for the purposes of accommodating future growth.

TABLE 1 MAINTENANCE, REHABILITATION AND MANDATED PROJECTS					
Ref No.	Funded Projects by Department and Project	FY 17/18 Project? (Yes/No)	FY 18/19 Budget (\$)	FY 19/20 Budget (\$)	Total 2-Year Budget (\$)
Airport					
1	Airport - Taxiway J Rehab	No	165,000	0	165,000
2	Airport- Camera System	No	50,000	0	50,000
3	Airport Facilities Terminal Patio Deck	Yes	100,000	0	100,000
4	Apron Asphalt Project Phase One	No	100,000	0	100,000
Municipal Buildings and Facilities					
6	City Buildings Deferred Maintenance	Yes	1,000,000	1,000,000	2,000,000
8	Ethanol (E85) Fueling Station	Yes	100,000	0	100,000
Electric					
12	Advanced Metering Infrastructure	Yes	0	2,719,900	2,719,900
13	CA General Order 165 Upgrades/Line Rebuilds/Relocation	Yes	2,284,874	2,349,993	4,634,867
14	Cable Replacement	Yes	3,434,790	2,822,794	6,257,584
15	Cable Replacement - PW Street Rehab.	Yes	211,562	217,592	429,154
17	Distribution Automation	Yes	150,000	300,000	450,000
19	GO 165 Upgrades/Line Rebuilds/Relocate-UG	Yes	994,344	1,022,682	2,017,026
20	Lines Rebuilds	Yes	1,789,804	2,506,363	4,296,167
21	Major 4-12 KV Conversion	Yes	2,327,927	1,849,532	4,177,459
30	Operation Technology Governance	Yes	220,024	226,295	446,319
32	Street Lighting	Yes	300,000	300,000	600,000
33	Substation Bus & Upgrades	Yes	1,281,265	1,359,025	2,640,290
34	Substation Innovation	Yes	1,665,800	1,672,031	3,337,831
36	Supervisory Control And Data Acquisition (SCADA)	Yes	600,000	600,000	1,200,000
37	System Substation Modifications	Yes	190,406	195,833	386,239
39	Work, Asset, & Inventory Mgmt System	No	486,594	652,776	1,139,370
Water					
40	Advanced Metering Infrastructure	Yes	0	2,339,114	2,339,114
42	Facility Rehabilitation Program	Yes	2,485,858	870,368	3,356,226
43	Hydrant Check Valves	Yes	50,000	50,000	100,000
44	Main Replacements Program	Yes	2,801,087	3,807,860	6,608,947
46	Network Communication System	Yes	846,250	870,368	1,716,618
47	Operation Technology Governance	Yes	118,475	121,851	240,326
48	Potable/Irrigation Well Replacement	Yes	1,586,719	1,631,940	3,218,659

TABLE 1
MAINTENANCE, REHABILITATION AND MANDATED PROJECTS

Ref No.	Funded Projects by Department and Project	FY 17/18 Project? (Yes/No)	FY 18/19 Budget (\$)	FY 19/20 Budget (\$)	Total 2-Year Budget (\$)
49	Pump Station Replacements	Yes	0	1,087,960	1,087,960
50	Recycled Water (Jackson St. Phase 1)	Yes	3,702,343	0	3,702,343
51	SCADA Upgrade & System Automation	No	0	652,776	652,776
55	Water Stock	Yes	10,000	10,000	20,000
Sewer					
59	Collection System Upgrades	Yes	1,000,000	0	1,000,000
60	Plant 2 Activated Sludge Rehab-Phase 1	Yes	400,000	250,500	650,500
61	RWQCP Rehabilitation-Phase II	No	500,000	0	500,000
62	Tertiary System Rehab-Phase 1	No	0	400,000	400,000
Storm Drain					
64	Miscellaneous Storm Drain Construction Program	Yes	100,000	100,000	200,000
Transportation					
67	Arterial Interconnect Project Program	Yes	40,000	40,000	80,000
69	CDBG Matching Funds	Yes	150,000	150,000	300,000
70	Controller Assembly Replacement Program	Yes	70,000	70,000	140,000
71	Curb And Gutter Repair Program	Yes	200,000	200,000	400,000
72	Indian Hill Road Slope Mitigation Project	No	210,000	0	210,000
73	Interconnected Traffic Signal Controller Replacement	Yes	560,000	0	560,000
75	LED Signal Lenses Replacement Program	Yes	20,000	20,000	40,000
76	Major Streets Rehabilitation	Yes	2,400,000	2,400,000	4,800,000
77	Measure Z Pavement Rehabilitation and Pedestrian Facilities Improvement Program	Yes	2,875,000	2,875,000	5,750,000
78	Minor Street Preservation (Slurry/Aram) Program	Yes	500,000	500,000	1,000,000
79	Minor Street Rehabilitation Program	Yes	1,500,000	1,500,000	3,000,000
80	Miscellaneous Signal Revisions Program	Yes	100,000	100,000	200,000
81	Miscellaneous Street Construction Program	Yes	500,000	500,000	1,000,000
82	Miscellaneous Traffic Projects Program	Yes	75,000	75,000	150,000
84	New Traffic Signals (Prioritized Locations-One Per Year) Program	Yes	250,000	250,000	500,000
85	Pedestrian Ramps Program	Yes	300,000	300,000	600,000
86	San Andreas/Glenwood Drainage and Site Improvement Project	Yes	125,000	0	125,000
87	SB-1 Pavement Rehabilitation, Maintenance, and Safety Improvements Program	No	5,426,724	5,426,724	10,853,448
88	Sidewalk Repair Program	Yes	300,000	300,000	600,000
89	Sidewalk/Trail Construction at Various Locations Program	Yes	300,000	300,000	600,000
90	Spread Spectrum Radio Replacement Program	Yes	10,000	10,000	20,000
91	Traffic Management Center Program	Yes	50,000	50,000	100,000
92	Traffic Signal Loop Replacement Program	Yes	25,000	25,000	50,000

The following General Plan objectives and policies support for the need to invest in the maintenance and replacement of existing facilities throughout the City:

Objective PF-1: Provide superior water service to customers.

Policy PF-1.5: *Implement water conservation programs aimed at reducing demands from new and existing development.*

Objective PF-3: Maintain sufficient levels of wastewater service throughout the community.

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.*

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 flow.

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.*

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.*

Objective PF-10: Meet the varied recreational and service needs of Riverside's diverse population.

Objective OS-1: Preserve and expand open space areas and linkages throughout the City and sphere of influence to protect the natural and visual character of the community and provide for appropriate active and passive recreational uses.

Policy OS-1.9: *Promote open space and recreation resource as key reasons to live in Riverside.*

Policy OS-1.12: *Ensure that areas acquired as part of the Open Space System are developed, operated and maintained to provide the City with a permanent publicly accessible open space system.*

Policy OS-1.13: *Design Capital Improvement Program projects which affect identified open space areas to support these area's value as open space.*

NEW OR EXPANDED INFRASTRUCTURE AND FACILITIES

Of the ninety-two (92) identified projects for FY 2018/19 and FY 2019/20, thirty-two (32) are new or expanded facilities or infrastructure that are necessary to accommodate the City's growth. These projects are listed below in Table 2. It is important to note that some of these projects are multi-year efforts, and therefore may have been reviewed by the Planning Commission last year.

**TABLE 2
NEW AND EXPANDED FACILITIES**

Ref No.	Funded Projects by Department and Project	FY 16/17 Project? (Yes/No)	FY 18/19 Budget (\$)	FY 19/20 Budget (\$)	Total 2-Year Budget (\$)
Municipal Buildings and Facilities					
5	Cheech Marin Center for Chicano Art	No	1,000,000	0	1,000,000
7	Downtown Library	Yes	40,795,370	0	40,795,370
9	Metro Museum Expansion and Rehab	No	0	1,500,000	1,500,000
10	Police Headquarters	No	2,000,000	33,000,000	35,000,000
Innovation and Technology					
11	Data Network Replacement	Yes	1,356,097	1,195,256	2,551,353
Electric					
16	City-Wide Communications	Yes	400,000	1,338,000	1,738,000
18	Distribution Line Extensions	Yes	1,786,718	1,831,940	3,618,658
22	Major Feeders	Yes	500,000	1,000,000	1,500,000
23	Major Overhead/Underground Conversions	Yes	500,000	500,000	1,000,000
24	Major Street Light Projects	Yes	4,266,796	300,000	4,566,796
25	Major Tract Distribution	Yes	300,000	300,000	600,000
26	Major Transmission Line Projects	Yes	300,000	300,000	600,000
27	Meters	Yes	300,000	300,000	600,000
28	Neighborhood Street Light Retrofit	Yes	2,690,017	2,502,308	5,192,325
29	Network Communication System	Yes	846,250	1,087,960	1,934,210
31	Services	Yes	400,000	400,000	800,000
35	Substation Transformer Addition	Yes	2,115,625	2,175,920	4,291,545
38	Transformers	Yes	2,048,156	3,585,579	5,633,735
Water					
41	Distribution System Facilities Replacements	Yes	1,496,093	1,500,000	2,996,093
45	Meters	Yes	846,250	870,368	1,716,618
52	Seven Oaks Dam Conservation-Enhanced Recharge	Yes	2,115,624	2,175,920	4,291,544
53	System Expansion	Yes	1,300,000	1,377,491	2,677,491
54	Transmission Mains	Yes	5,341,952	1,450,250	6,792,202
Railroad					
56	BNSF Quiet Zone-Mission Inn Ave., 3rd St., and Spruce St	Yes	20,600	757,500	778,100
57	Third Street Grade Separation at the BNSF Railroad Street Crossing	Yes	323,069	0	323,069
58	Union Pacific Quiet Zone - Brockton And Palm	Yes	722,000	0	722,000
Storm Drain					
63	Fairview Dr. and Cornwall Ave Storm Drain Project	No	950,000	0	950,000
Transportation					
65	Active Transportation Master Plan	No	200,000	0	200,000
66	Adams Street/SR 91 Interchange Improvements	Yes	500,000	500,000	1,000,000
68	Canyon Crest Widening-Via Vista Dr. to Country Club Dr.	Yes	560,000	0	560,000
74	Iowa Avenue Widening - Martin Luther King to University	Yes	1,000,000	0	1,000,000

**TABLE 2
NEW AND EXPANDED FACILITIES**

Ref No.	Funded Projects by Department and Project	FY 16/17 Project? (Yes/No)	FY 18/19 Budget (\$)	FY 19/20 Budget (\$)	Total 2-Year Budget (\$)
83	Mission Boulevard Bridge Replacement at Santa Ana River	Yes	100,000	500,000	600,000

Staff has reviewed the list above for consistency with General Plan 2025. A description of each project and their corresponding General Plan 2025 Objectives and Policies has been provided in Exhibit 1.

Generally these projects accommodate the growth of the City, improve existing facilities so that they increase capacity or enhance the services provided to residents, or create a safer environment for vehicles and/or pedestrians.

ENVIRONMENTAL REVIEW

This review of the Capital Improvement Program (CIP) for a determination of consistency by the Planning Commission is not subject to the California Environmental Quality Act (CEQA) review under CEQA Guidelines Section 15060(c)(3) because the consistency review is not a "project", per 15378(b)(4). Additionally, the 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 Department Public Information Section, 3rd Floor, City Hall.

EXHIBITS LIST

1. New/Expanded Project Description & Consistency Evaluation
2. CIP Identified Project List, FY 2018/19 and FY 2019/20

Report and Recommendations Prepared by:	David Murray, Senior Planner
Report and Recommendations Reviewed by:	Jay Eastman, Principal Planner
Report and Recommendations Approved by:	Rafael Guzman, Community & Economic Development Director



EXHIBIT 1 – New/Expanded Project Description & Consistency Evaluation

The following provides a brief description of projects from Table 2 in the Planning Commission staff report. Additionally, the Planning Division staff has identified criteria to support a determination that the projects are consistent with General Plan 2025.

5. Cheech Marin Center for Chicano Art

Reuse and repurpose existing Downtown library as the new Cheech Marin for 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, store. The new Cheech Marin Center for Chicano Art will hold a collection of about 700 pieces of art including paintings and sculptures.

The following Objectives and Policies most directly relate to these project:

Objective AC-2: Celebrate the diversity of Riverside's neighborhoods and residents, using arts and cultural programs to build neighborhood identity and mutual acceptance.

Policy AC-2.4: Use community facilities (e.g., parks, schools, community centers, churches, senior centers, libraries) to increase opportunities for visual and performing arts throughout the City.

Objective AC-4: Strengthen Riverside's identity as the cultural and arts center for the Inland Empire.

Policy AC-4.1: Expand the City government's leadership role in support of the arts and cultural institutions/facilities.

Policy AC-4.8: Promote the use of City-owned neighborhood facilities for arts programming.

7. Downtown Library

Construction of a new 42,000 square foot 3 story, library in Downtown that through innovative and master planned space will connect with existing developments downtown to maximize visibility and use. The new facility replaces the outdated Library on Mission Inn and adds community meeting space, new historic programs, creative workspaces and expand children's services. It will also create a catalyst for future positive economic activity in the downtown core.

The following Objectives and Policies most directly relate to these project:

Objective LU-26: Ensure that a network of modern, effective and adequate community facilities are equitably distributed across the entire City.

Policy LU-26-1: Develop and enforce standards for community facilities (such as fire and police stations, libraries and parks) based upon population densities and proximity of existing facilities.

Objective ED-5: Ensure that the library system remains a premier information and independent learning resource for the Riverside residents and a complement to formal education.

Policy ED-5.1: Provide ample and convenient library facilities.

9. Metro Museum Expansion and Rehab

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. No 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 in which to learn about the cultural and natural history of Riverside and its region.

The following Objectives and Policies most directly relate to these project:

Objective AC-7: Ensure that the City's Riverside Metropolitan Museum also remains an inclusive organization and provides authentic, tangible and accessible resources that respond to the diverse and changing needs of Riverside's dynamic community of learners.

Policy AC-7.1: Explore the feasibility of creating a contemporary museum for Riverside through construction of a didactic facility that mirrors Riverside's cultural and natural history while providing authentic, tangible, educational resources for all Riversiders.

Policy AC-7.2: Coordinate and provide education resources via Museum's historic structures to enhance accessibility to information about Riverside's historic and cultural heritage.

10. Police Headquarters

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

The following Objectives and Policies most directly relate to these project:

Objective LU-26: Ensure that a network of modern, effective and adequate community facilities are equitably distributed across the entire City.

Policy LU-26-1: Develop and enforce standards for community facilities (such as fire and police stations, libraries and parks) based upon population densities and proximity of existing facilities.

Objective PS-7: Provide high-quality police services to all residents and businesses in Riverside.

Policy PS-7.1: Deploy human and financial resources to ensure adequate and equitable distribution of police services.

11, 16, & 29. Data Network Replacement, City-Wide Communications, Network Communication System

Hardware replacement and upgrade projects to replace critical components of the City's data network and related equipment, install fiber optic extensions, and improve communication backbones to improve system functionality, efficiency, reliability and security. Much of the equipment is up to a decade old and out of manufacturer support, which prevents Innovation and Technology from performing routine maintenance, and therefore presents a cybersecurity risk as well as risk for failure. The City's network equipment is critical to all enterprise software systems and communication citywide, including Riverside Public Utilities and Public Safety.

The following Objectives and Policies most directly relate to these project:

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.

Objective PF-7: Ensure that Riverside residents, the business community and educational institutions have easy access to state-of-the-art internet series and modern telecommunications technology.

Policy PF-7.1: Provide innovative, targeted technology projects and related economic development incentives.

Policy PF-7.9: Continue to work with Riverside Public Utilities and private telecommunications infrastructure operators and owners to ensure that Riverside has state-of-the-art internet and telecommunication facilities, system upgrades, features and coverages.

Objective PF-8: Expand the accessibility of internet and similar communications services throughout the community.

18, 22, 24, 25, 26, 27, 31, 35, 38, 41, 45, 53, & 54. Utility Infrastructure Programs – Major Tract Distribution, Major Transmission Line Projects, Major Street Light Projects, Distribution Line Extensions, Distribution System Facilities Replacements, System Expansion, Major Feeders, Electric and Water Meters, Substation transformer Addition, Transformers, and Services.

The City of Riverside Public Utilities Department maintains multiple funding accounts to support the installation of infrastructure when new development is proposed. Planning staff has grouped these accounts together because, for General Plan purposes, they all serve to accommodate customer growth (new development). Additionally, the funds are used on an as-needed basis, versus allocation to a specific site or project. Also, many of the funding programs contribute to replacing existing equipment that is outdated or underperforming.

The following Objective and Policy most directly relate to this project:

Objective PF-6: Provide affordable, reliable and, to the extent practical, environmentally sensitive energy resources to residents and business.

Policy PF-6.2: Ensure that adequate back-up facilities are available to meet critical electrical power needs in the event of shortages or temporary outages.

Objective LU-10: Provide for appropriate timing of development in accordance with the future land uses designated in this Land Use Element.

Policy LU-10.3: Time the provisions 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 occur.

23. Major Overhead/Underground Conversions

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.

The following Objective and Policy most directly relate to this project:

Objective LU-29: Minimize the visual impact of aerial facilities on the City's landscape.

Policy LU-29.3: Investigate funding sources to underground existing City-owned utility facilities.

28. Neighborhood Street Light Retrofit

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.

The following Objectives and Policies most directly relate to this project:

Objective HP-1: To use historic preservation principles as an equal component in the planning and development process.

Policy HP-1.2: The City shall assume its direct responsibility for historic preservation by protecting and maintaining its publicly owned culture resources. Such resources may include, but are not limited to, buildings, monuments, landscapes, and right-of-way improvements, such as retaining walls, granite curbs, entry monuments, light standards, street trees, and the scoring, dimensions, and patterns of sidewalks, driveways, curbs and gutters.

Objective HP-7: To encourage both public and private stewardship of the City's cultural resources.

Policy HP-7.3: The City shall coordinate historic preservation with other activities within its government structure.

Objective PF-6: Provide affordable, reliable and, to the extent practical, environmentally sensitive energy resources to residents and businesses.

Policy PF-6.3: Promote and encourage energy conservation.

52. Seven Oaks Dam Conservation – Enhanced Recharge

The Enhanced Recharge Project consists of constructing facilities downstream of the Seven Oaks Dam to enable capture and diversion of up to 500 cubic feet per second of local storm water and the construction and/or enhancement of spreading grounds for groundwater recharge on property owned or controlled by the San Bernardino Valley Water Conservation District.

The following Objective and Policies most directly relate to this project:

Objective OS-10: Preserve the quantity and quality of all water resources throughout Riverside.

Policy OS-10.1: Support the development and promotion of water conservation programs.

Policy OS-10.2: Coordinate plans, regulations and programs with those of other public and private entities which affect the consumption and quality of water resources within Riverside.

Policy OS-10.8: Cooperate with Riverside and San Bernardino Counties and adjacent jurisdictions in the review and approval of new developments which affect the quality and quantity of basin-wide groundwater and surface water resources.

Policy OS-10.10: Protect aquifer recharge features and areas of important aquifers from degradation of water quality and reduction of recharge.

56 & 58. BNSF Quiet Zone – Mission Inn Ave, 3rd St., and Spruce St., Union Pacific Quite Zone – Brockton Avenue & Palm Avenue

These projects will eliminate the routine sounding of train horns along the UP Railroad corridor at Brockton Avenue and Palm Avenue and along the BNSF Railway corridor between Mission Inn Avenue and Spruce Street by establishing Quiet Zones in accordance with the Federal Railroad Administration's (FRA) Final Rule. The projects provide 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 crossing and the Mission Inn Avenue, 3rd Street and Spruce Street highway-rail grade crossings.

The following Objectives and Policies most directly relate to this project:

Objective PS-4: Protect the community from hazards related to air and ground transportation.

Policy PS-4.10: Use technology to improve safety at grade crossings that cause the least environmental harm, including Quiet Zone improvements such as upgraded and updated warning devices, additional gate arms, extended and raised medians, improved signage and coordinated traffic signals.

Objective N-4: Minimize ground transportation-related noise impacts.

Policy N-4.2: Investigate and pursue innovative approaches to reducing noise from railroad sources.

57. Third Street Grade Separation at the BNSF Railroad Street Crossing

This location is along the Burlington Northern Santa Fe Railroad and 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 non-disruptive flow of vehicular traffic either above or below the railroad lines. Work includes construction of an underpass for Third Street and the BNSF railroad tracks. Work involves construction of temporary shoofly tracks, grading, retaining walls, and a multi-track concrete bridge structure to provide a 4-lane roadway beneath the tracks.

The following Objectives and Policies most directly relate to these project:

Objective PS-4: Protect the community from hazards related to air and ground transportation.

Policy PS-4.8: Pursue grade-separated rail crossings as the first level priority for reducing street/rail conflicts.

Policy PS-4.9: Minimize the potential for accidents involving railways, automobiles, pedestrians and cyclists by working closely with the Riverside Police Department, RTA, California Highway Patrol and all applicable railroad companies to identify safety problems and implement corrective measures

Objective CCM-12: Facilitate goods movement as a means of economic expansion, while protecting residents and visitors from the negative effects typically associated with truck operations and rail service.

Policy CCM-12.3: Aggressively pursue grade-separated rail crossings to alleviate traffic congestion and associated air quality and noise impacts.

63. Fairview Drive and Cornwall Avenue Storm Drain Project

This project will add new pipe and catch basins within street right-of-way to capture run-off from the street.

The following Objectives and Policies most directly relate to these project:

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.

65. Active Transportation Master Plan

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.

The following Objectives and Policies most directly relate to these project:

Objective CCM-2: Build and maintain a transportation system that combines a mix of transportation modes and transportation system management techniques, and that is designed to meet the needs of Riverside's residents and businesses, while minimizing the transportation system's impacts on air quality, the environment and adjacent development.

Policy CCM-2.9: Design all street improvement projects in a comprehensive fashion to include consideration of street trees, pedestrian walkways, bicycle lanes, equestrian

pathways, signing, lighting, noise and air quality wherever any of these factors are applicable.

Objective CCM-10: Provide an extensive and regionally linked public bicycle, pedestrian and equestrian trails system.

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-10.4: Identify and seek to eliminate hazards to safe, efficient bicycle or pedestrian movement citywide.

Policy CCM-10.12: Encourage bicycling as a commute mode to school, work, etc

66. Adams Street/State Route 91 Interchange Improvements

This project includes the reconfiguration of Adams Street interchange at the SR-91 to reduce traffic congestion.

The following Objectives and Policies most directly relate to these project:

Objective CCM-1: Facilitate freeway and regional roadway improvements and construction to alleviate congestion and air pollution and to minimize regional cut-through traffic within Riverside.

Policy CCM-1.2: Support the addition of capacity improvements to SR-91, SR-60, I-215 and I-15.

68. Canyon Crest Drive Road Widening – Via Vista Drive to Country Club Drive

This project provides for the construction of street widening improvements on the easterly side of Canyon Crest Drive between Via Vista Drive and Country Club Drive to 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 easterly side along with new drought tolerant landscaped medians.

The following Objectives and Policies most directly relate to this project:

Objective LU-18: Recognize Canyon Crest Drive as a vital parkway connection for the eastern portion of the City.

Policy LU-18.1: Develop streetscape, bicycle and pedestrian improvements that will solidify Canyon Crest Drive's role as a parkway.

Objective CCM-2: Build and maintain a transportation system that combines a mix of transportation nodes and transportation system management techniques, and that is designed to meet the needs of Riverside's resident and businesses, while minimizing the transportation system's impact on air quality, the environment and adjacent development.

Policy CCM-2.1: Complete the Master Plan of Roadways shown on Figure CCM-4 (Master Plan of Roadways).

Policy CCM-2.10: Emphasize the landscaping of parkways and boulevards.

74. Iowa Avenue Widening - Martin Luther King to University Avenue

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 cycle track buffer strip.

The following Objectives and Policies most directly relate to these project:

Objective CCM-2: Build and maintain a transportation system that combines a mix of transportation modes and transportation system management techniques, and that is designed

to meet the needs of Riverside's residents and businesses, while minimizing the transportation system's impacts on air quality, the environment and adjacent development.

Policy CCM-2.1: Complete the Master Plan of Roadways shown on Figure CCM-4 (Master Plan of Roadways).

Policy CCM-2.9: Design all street improvement projects in a comprehensive fashion to include consideration of street trees, pedestrian walkways, bicycle lanes, equestrian pathways, signing, lighting, noise and air quality wherever any of these factors are applicable.

Objective CCM-10: Provide an extensive and regionally linked public bicycle, pedestrian and equestrian trails system.

Policy CCM-10.10: Evaluate the needs of bicycle traffic in the planning, design, construction and operation of all roadway projects funded by the City.

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 CCM-10.12: Encourage bicycling as a commute mode to school, work, etc.

83. 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 following Objectives and Policies most directly relate to these project:

Objective CCM-2: Build and maintain a transportation system that combines a mix of transportation modes and transportation system management techniques, and that is designed to meet the needs of Riverside's residents and businesses, while minimizing the transportation system's impacts on air quality, the environment and adjacent development.

Policy CCM-2.5: Review and update street standards as necessary to current capacity and safety practices.

Objective CCM-10: Provide an extensive and regionally linked public bicycle, pedestrian and equestrian trails system.

Policy CCM-10.10: Evaluate the needs of bicycle traffic in the planning, design, construction and operation of all roadway projects funded by the City.

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.

Capital Improvement Program

Budgeted Projects Summary

2018/19 & 2019/20

Ref No.	Funded Projects by Department and Project	FY 17/18 Project? (Yes/No)	FY 18/19 Budget	FY 19/20 Budget	Total 2-Year Budget
Airport					
1	AIRPORT - TAXIWAY J REHAB	No	165,000	0	165,000
2	AIRPORT- CAMERA SYSTEM	No	50,000	0	50,000
3	AIRPORT FACILITIES TERMINAL PATIO DECK	Yes	100,000	0	100,000
4	APRON ASPHALT PROJECT PHASE ONE	No	100,000	0	100,000
Municipal Buildings and Facilities					
5	CHEECH MARIN CENTER FOR CHICANO ART	No	1,000,000	0	1,000,000
6	CITY BUILDINGS DEFERRED MAINTENANCE	Yes	1,000,000	1,000,000	2,000,000
7	DOWNTOWN LIBRARY	Yes	40,795,370	0	40,795,370
8	ETHANOL (E85) FUELING STATION	Yes	100,000	0	100,000
9	METRO MUSEUM EXPANSION AND REHAB	No	0	1,500,000	1,500,000
10	POLICE HEADQUARTERS	No	2,000,000	33,000,000	35,000,000
Innovation and Technology					
11	DATA NETWORK REPLACEMENT	Yes	1,356,097	1,195,256	2,551,353
Electric					
12	ADVANCED METERING INFRASTRUCTURE	Yes	0	2,719,900	2,719,900
13	CA GENERAL ORDER 165 UPGRADES/LINE REBUILDS/RELOCATION	Yes	2,284,874	2,349,993	4,634,867
14	CABLE REPLACEMENT	Yes	3,434,790	2,822,794	6,257,584
15	CABLE REPLACEMENT - PW STREET REHAB.	Yes	211,562	217,592	429,154
16	CITY-WIDE COMMUNICATIONS	Yes	400,000	1,338,000	1,738,000
17	DISTRIBUTION AUTOMATION	Yes	150,000	300,000	450,000
18	DISTRIBUTION LINE EXTENSIONS	Yes	1,786,718	1,831,940	3,618,658
19	GO 165 UPGRADES/LINE REBUILDS/RELOCATE-UG	Yes	994,344	1,022,682	2,017,026
20	LINES REBUILDS	Yes	1,789,804	2,506,363	4,296,167
21	MAJOR 4-12 KV CONVERSION	Yes	2,327,927	1,849,532	4,177,459
22	MAJOR FEEDERS	Yes	500,000	1,000,000	1,500,000
23	MAJOR OVERHEAD/UNDERGROUND CONVERSIONS	Yes	500,000	500,000	1,000,000
24	MAJOR STREET LIGHT PROJECTS	Yes	4,266,796	300,000	4,566,796
25	MAJOR TRACT DISTRIBUTION	Yes	300,000	300,000	600,000
26	MAJOR TRANSMISSION LINE PROJECTS	Yes	300,000	300,000	600,000
27	METERS	Yes	300,000	300,000	600,000
28	NEIGHBORHOOD STREET LIGHT RETROFIT	Yes	2,690,017	2,502,308	5,192,325
29	NETWORK COMMUNICATION SYSTEM	Yes	846,250	1,087,960	1,934,210
30	OPERATION TECHNOLOGY GOVERNANCE	Yes	220,024	226,295	446,319
31	SERVICES	Yes	400,000	400,000	800,000
32	STREET LIGHTING	Yes	300,000	300,000	600,000
33	SUBSTATION BUS & UPGRADES	Yes	1,281,265	1,359,025	2,640,290
34	SUBSTATION INNOVATION	Yes	1,665,800	1,672,031	3,337,831
35	SUBSTATION TRANSFORMER ADDITION	Yes	2,115,625	2,175,920	4,291,545
36	SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)	Yes	600,000	600,000	1,200,000
37	SYSTEM SUBSTATION MODIFICATIONS	Yes	190,406	195,833	386,239
38	TRANSFORMERS	Yes	2,048,156	3,585,579	5,633,735
39	WORK, ASSET, & INVENTORY MGMT SYSTEM	No	486,594	652,776	1,139,370
Water					
40	ADVANCED METERING INFRASTRUCTURE	Yes	0	2,339,114	2,339,114
41	DISTRIBUTION SYSTEM FACILITIES REPLACEMENTS	Yes	1,496,093	1,500,000	2,996,093
42	FACILITY REHABILITATION PROGRAM	Yes	2,485,858	870,368	3,356,226
43	HYDRANT CHECK VALVES	Yes	50,000	50,000	100,000
44	MAIN REPLACEMENTS PROGRAM	Yes	2,801,087	3,807,860	6,608,947
45	METERS	Yes	846,250	870,368	1,716,618
46	NETWORK COMMUNICATION SYSTEM	Yes	846,250	870,368	1,716,618
47	OPERATION TECHNOLOGY GOVERNANCE	Yes	118,475	121,851	240,326
48	POTABLE/IRRIGATION WELL REPLACEMENT	Yes	1,586,719	1,631,940	3,218,659
49	PUMP STATION REPLACEMENTS	Yes	0	1,087,960	1,087,960
50	RECYCLED WATER (JACKSON ST. PHASE 1)	Yes	3,702,343	0	3,702,343
51	SCADA UPGRADE & SYSTEM AUTOMATION	No	0	652,776	652,776
52	SEVEN OAKS DAM CONSERVATION-ENHANCED RECHARGE	Yes	2,115,624	2,175,920	4,291,544
53	SYSTEM EXPANSION	Yes	1,300,000	1,377,491	2,677,491
54	TRANSMISSION MAINS	Yes	5,341,952	1,450,250	6,792,202
55	WATER STOCK	Yes	10,000	10,000	20,000
Railroad					
56	BNSF QUIET ZONE-MISSION INN AVE., 3RD ST., AND SPRUCE ST	Yes	20,600	757,500	778,100
57	THIRD STREET GRADE SEPARATION AT THE BNSF RAILROAD STREET CROSSING	Yes	323,069	0	323,069
58	UNION PACIFIC QUIET ZONE - BROCKTON AND PALM	Yes	722,000	0	722,000

Capital Improvement Program

Budgeted Projects Summary

2018/19 & 2019/20

Ref No.	Funded Projects by Department and Project	FY 17/18 Project? (Yes/No)	FY 18/19 Budget	FY 19/20 Budget	Total 2-Year Budget
Sewer					
59	COLLECTION SYSTEM UPGRADES	Yes	1,000,000	0	1,000,000
60	PLANT 2 ACTIVATED SLUDGE REHAB-PHASE 1	Yes	400,000	250,500	650,500
61	RWQCP REHABILITATION-PHASE II	No	500,000	0	500,000
62	TERTIARY SYSTEM REHAB-PHASE 1	No	0	400,000	400,000
Storm Drain					
63	FAIRVIEW DR AND CORNWALL AVE STORM DRAIN PROJECT	No	950,000	0	950,000
64	MISCELLANEOUS STORM DRAIN CONSTRUCTION PROGRAM	Yes	100,000	100,000	200,000
Transportation					
65	ACTIVE TRANSPORTATION MASTER PLAN	No	200,000	0	200,000
66	ADAMS STREET/STATE ROUTE 91 INTERCHANGE IMPROVEMENTS	Yes	500,000	500,000	1,000,000
67	ARTERIAL INTERCONNECT PROJECT PROGRAM	Yes	40,000	40,000	80,000
68	CANYON CREST WIDENING-VIA VISTA DR. TO COUNTRY CLUB DR.	Yes	560,000	0	560,000
69	CDBG MATCHING FUNDS	Yes	150,000	150,000	300,000
70	CONTROLLER ASSEMBLY REPLACEMENT PROGRAM	Yes	70,000	70,000	140,000
71	CURB AND GUTTER REPAIR PROGRAM	Yes	200,000	200,000	400,000
72	INDIAN HILL ROAD SLOPE MITIGATION PROJECT	No	210,000	0	210,000
73	INTERCONNECTED TRAFFIC SIGNAL CONTROLLER REPLACEMENT	Yes	560,000	0	560,000
74	IOWA AVENUE WIDENING - MARTIN LUTHER KING TO UNIVERSITY	Yes	1,000,000	0	1,000,000
75	LED SIGNAL LENSES REPLACEMENT PROGRAM	Yes	20,000	20,000	40,000
76	MAJOR STREETS REHABILITATION	Yes	2,400,000	2,400,000	4,800,000
77	MEASURE Z PAVEMENT REHABILITATION AND PEDESTRIAN FACILITIES IMPROVEMENT PROGRAM	Yes	2,875,000	2,875,000	5,750,000
78	MINOR STREET PRESERVATION (SLURRY/ARAM) PROGRAM	Yes	500,000	500,000	1,000,000
79	MINOR STREET REHABILITATION PROGRAM	Yes	1,500,000	1,500,000	3,000,000
80	MISCELLANEOUS SIGNAL REVISIONS PROGRAM	Yes	100,000	100,000	200,000
81	MISCELLANEOUS STREET CONSTRUCTION PROGRAM	Yes	500,000	500,000	1,000,000
82	MISCELLANEOUS TRAFFIC PROJECTS PROGRAM	Yes	75,000	75,000	150,000
83	MISSION BOULEVARD BRIDGE REPLACEMENT AT SANTA ANA RIVER	Yes	100,000	500,000	600,000
84	NEW TRAFFIC SIGNALS (PRIORITIZED LOCATIONS-ONE PER YEAR) PROGRAM	Yes	250,000	250,000	500,000
85	PEDESTRIAN RAMPS PROGRAM	Yes	300,000	300,000	600,000
86	SAN ANDREAS/GLENWOOD DRAINAGE AND SITE IMPROVEMENT PROJECT	Yes	125,000	0	125,000
87	SB-1 PAVEMENT REHABILITATION, MAINTENANCE, AND SAFETY IMPROVEMENTS PROGRAM	No	5,426,724	5,426,724	10,853,448
88	SIDEWALK REPAIR PROGRAM	Yes	300,000	300,000	600,000
89	SIDEWALK/TRAIL CONSTRUCTION AT VARIOUS LOCATIONS PROGRAM	Yes	300,000	300,000	600,000
90	SPREAD SPECTRUM RADIO REPLACEMENT PROGRAM	Yes	10,000	10,000	20,000
91	TRAFFIC MANAGEMENT CENTER PROGRAM	Yes	50,000	50,000	100,000
92	TRAFFIC SIGNAL LOOP REPLACEMENT PROGRAM	Yes	25,000	25,000	50,000