
Staff Report



TO: PINOLE PLANNING COMMISSION

FROM: MISHA KAUR, CAPITAL IMPROVEMENT AND ENVIRONMENTAL PROGRAM MANAGER

SUBJECT: PROPOSED PRELIMINARY CAPITAL IMPROVEMENT PLAN
CONSISTENCY WITH GENERAL PLAN

DATE: MAY 9, 2022

RECOMMENDATION

The Public Works Department recommends the Planning Commission review the Proposed Preliminary Five-Year Capital Improvement Plan (CIP) and adopt Resolution 2022-03 finding that the projects proposed in the CIP for Fiscal Years (FY) 2022-2023 through 2026 – 2027 are consistent with the Pinole General Plan.

BACKGROUND

A Capital Improvement Plan (CIP) is a comprehensive planning document used by the City to identify, plan, and fund capital projects and equipment purchases. Capital projects are usually “brick and mortar” improvements, such as street or utility projects, but also include projects that achieve economic development, blight alleviation, housing goals, or further other policy objectives of the City.

Sections 65401 and 65402 of the California Government Code require that a local agency’s CIP be in conformance with the General Plan. General Plan conformity can be best described as CIP projects furthering the achievements of goals, policies, and infrastructure in the General Plan. State law also mandates that this determination of conformance be made by a designated planning agency. For the City of Pinole, the designated planning agency is the Planning Commission. The purpose of this staff report is to present the Public Works CIP projects for FY 2022-2023 through 2026 – 2027 so that the Planning Commission can make a determination of consistency with Pinole’s General Plan.

The Proposed Preliminary Capital Improvement Plan lists 43 planned citywide public improvement projects for FY 2022-2023 through 2026 – 2027. For FY 2022-23, there are 34 projects. Staff has prepared an expanded unfunded project list to include projects that have been identified but have not advanced because a funding source has not been identified. Staff has recommended that several focus asset management plans and infrastructure assessments be completed to aid in fully understanding needs and in

allocating funding. These efforts will result in identified projects that the City needs to advance into its long-range financial plan. These projects are described in Attachment C.

The projects in the Proposed Preliminary CIP fall into the following asset groups:

- Facilities
- Parks
- Sanitary Sewer
- Stormwater
- Streets & Roads
- Infrastructure Assessments

ANALYSIS: CAPITAL IMPROVEMENT PLAN CONSISTENCY WITH GENERAL PLAN

Funding is estimated for specific projects or asset plans in the Proposed Preliminary Capital Improvement Plan that support the goals and policies of following elements of the General Plan:

- Community Character
- Growth Management
- Land Use & Economic Development
- Housing
- Circulation
- Community Services and Facilities
- Health and Safety
- Natural Resources and Open Space
- Sustainability

The Proposed Preliminary Capital Improvement Plan includes funding for projects over the next five (5) fiscal years that support General Plan policies and enhance public infrastructure, amenities, and services in Pinole. The Capital Improvement Plan will also involve actively seeking out grants funds to supplement local funding sources to complete projects. The Capital Improvement Plan is consistent with and helps implement the following General Plan goals and policies:

Community Character Element

GOAL CC.1 Maintain Pinole's unique qualities and sense of place to preserve the established historic and small-town character of the city.

POLICY CC.1.2 Require all new development to incorporate high-quality site design, architecture and planning to enhance the overall quality of the built environment in Pinole and create a visually interesting and aesthetically pleasing town environment.

POLICY CC.1.3 To enhance a sense of arrival and create a strong appealing image that promotes community identity, the City shall develop community entry features at

key gateways or city entries along Interstate 80. Entryways shall incorporate landscaping, trees, structural architectural elements, signage and public art.

POLICY CC.1.5 Encourage project compatibility, interdependence and support with neighboring uses, especially between commercial and mixed-use centers and the surrounding residential neighborhoods. Uses should relate to one another with pedestrian connections, transit options, shared parking, landscaping, public spaces, and the orientation and design of buildings.

GOAL CC.2 Emphasize and enhance the visual and physical connection between the city's natural environment and the community's quality of life.

POLICY CC.2.1 Provide visual and physical connections between the natural environment and the built environment through careful site design, building placement, architectural features that allow views of Pinole's unique environment such as ridgelines or the San Pablo Bay shoreline, public access to open space such as via the Bay Trail, and the use of native vegetation in the urban environment such as for landscape buffers for sidewalk areas and street trees.

POLICY CC.2.2 Preserve natural resources within the built environment, including trees, marshes, creeks and hillsides.

GOAL CC.5 Enhance the quality of life in Pinole by acknowledging the cultural diversity and by promoting, preserving and sustaining the cultural and performing arts.

POLICY CC.5.1 Celebrate the city's cultural diversity through public art, cultural centers and community events for the benefit and enjoyment of all residents.

POLICY CC.5.2 Develop programs and facilities that promote the cultural and performing arts in Pinole.

Growth Management Element

GOAL GM.1 Regional Planning. Support cooperative transportation, land use and public service planning in Contra Costa County.

POLICY GM.1.1 West Contra Costa County Planning Activities. Achieve efficient public service delivery by coordinating with affected jurisdictions and agencies concerning public and private developments.

GOAL GM.3 Efficient Transportation. Support land use patterns that make efficient use of the transportation system and enhance public safety.

POLICY GM.3.1 Transportation Management. Make more efficient use of the regional and subregional transportation system.

POLICY GM.3.3 Provide Adequate Transportation Facilities and Services. Provide adequate transportation facilities while maintaining neighborhood integrity.

POLICY GM.3.7 Mobility-Impaired. Support efforts to provide safe and convenient transportation systems for all citizens of Pinole, particularly mobility-impaired individuals.

GOAL GM.4 Compact Development and Service Areas. Encourage infill and redevelopment in areas that are already served by utilities, infrastructure and public services.

POLICY GM.4.1 Planning for Present and Future Community Needs. Plan for, provide and maintain a level of public infrastructure facilities and services that adequately serves the present and future needs of the community.

Land Use & Economic Development Element

GOAL LU.1 Preserve and enhance the natural resources, high-quality residential neighborhoods and commercial areas, and small-town (semi-rural) character of Pinole.

POLICY LU.1.3 Establish and implement a continuing program of civic beautification, gateway or entryway enhancement, tree planting, maintenance of homes and streets, and other measures which will promote an aesthetically desirable environment and attractive neighborhood areas.

GOAL LU.4 Preserve and strengthen the identity and quality of life of Pinole's residential neighborhoods.

POLICY LU.4.1 Ensure all new development, renovation or remodeling preserves and strengthens Pinole's residential neighborhoods by requiring projects to be harmoniously designed and integrated with the existing neighborhood.

GOAL LU.6 Protect and enhance the natural resources of the San Pablo Bay waterfront for the enjoyment of Pinole residents.

POLICY LU.6.3 Provide waterfront parks, pedestrian pathways and recreation areas that are safe, accessible, and attractive for public use.

Housing Element

GOAL H.2 Protect Existing Character and Heritage. Protect and enhance the integrity and distinctive character and heritage of Pinole encouraging the development of high quality, well-designed housing and conserving existing housing.

POLICY H.2.4 Maintain Existing Housing and Neighborhood Amenities. Maintain Pinole's lifestyle characteristics by encouraging the maintenance of existing housing

stock, and in particular housing with historic value, and preserving the amenities of existing neighborhoods.

GOAL H.3 Provide Adequate Services and Facilities. Provide adequate services and facilities to meet the needs of the city's current and future population.

POLICY H.3.1 Plan For Public Facility and Services Needs. Future development shall be planned based on public facility and service capacity, community-wide needs, sound citywide and neighborhood planning and public improvement programming.

POLICY H.3.4 Encourage new pedestrian-oriented development. Encourage new development and redevelopment that places residences in close proximity to a variety of services and facilities.

Circulation Element

GOAL CE.1 Reduce vehicle miles traveled and encourage the use of public transit.

POLICY CE.1.1 Encourage strategic growth that concentrates future development along Pinole's three primary transit corridors (San Pablo Avenue, Appian Way and Pinole Valley Road).

POLICY CE.1.3 Encourage development that is sensitive to both local and regional transit measures and that promotes the use of alternative modes of transportation.

POLICY CE.1.4 Encourage maximum utilization of the existing public transit system and alternate modes of transportation in Pinole.

GOAL CE.3 Provide timely input and effective means (as appropriate) of programming street and highway improvements to maintain the objective peak hour level of service without detrimentally impacting community character or commercial activity.

POLICY 3.2. Maintain roadway network at or above established LOS thresholds.

GOAL CE.4 Establish programs to support sidewalk, trail and street enhancements, where feasible.

POLICY CE.4.5 Inventory sidewalk conditions to identify opportunities for enhancements to the circulation system and to help prioritize repair and maintenance activities as funding becomes available.

GOAL CE.5 Provide adequate parking and loading facilities while encouraging alternative means of transportation.

GOAL CE.7 Support bicycle use as a mode of transportation by enhancing infrastructure to accommodate bicycle and rides.

POLICY CE.7.1 Enhance the City's Bikeway network through the use of Class I, II, and III bikeways.

POLICY CE.7.3 Establish a network of multi-use paths to facilitate safe and direct off-street bicycle and pedestrian travel.

Community Services and Facilities Element

GOAL CS.1 Provide safe, attractive and efficiently designed infrastructure and sustainable facilities to serve the public.

POLICY CS.1.1 The City will strive to provide safe, attractive and efficiently designed facilities for public and quasi-public organizations.

POLICY CS.1.3 The City will endeavor to provide convenient access to community facilities and services to all areas of the community.

GOAL CS.2 Ensure and maintain a high level of public safety in the community.

POLICY CS.2.6 The City will continue to fund the repair, maintenance and expansion of facilities to respond to evolving service needs.

GOAL CS.3 Provide adequate and high-quality recreational opportunities and programs for the community.

POLICY CS.3.1 Continue to provide a variety of recreational opportunities that serve and represent all aspects of the community.

POLICY CS.3.3 Expand and organize a multi-use trail system.

GOAL CS.6 Provide adequate, economical and dependable wastewater collection service and treatment.

POLICY CS.6.1 The City shall continue to make capital improvements to the wastewater collection and treatment system to maintain system capability and reliability.

GOAL CS.7 Minimize flooding.

POLICY CS.7.1 The City will ensure that the storm drain system has adequate capacity to minimize street flooding and, where feasible, shall expand the capacity of the system to control storm flows.

GOAL CS.9 Provide economical and dependable community services while conserving energy resources.

POLICY CS.9.1 The City will seek opportunities to improve the energy efficiency of facilities and operations.

GOAL CS.10 Provide safe, efficient roadway infrastructure to support multiple modes of transportation and to meet existing and future circulation needs.

POLICY CS.10.2 The City will update, where possible, the existing roadway network to enhance pedestrian, bicycle and transit circulation while maintaining safe vehicular circulation.

Health and Safety Element

GOAL HS.1 Minimize the potential for loss of life, injury, damage to property, economic and social dislocation, and unusual public expense due to natural and man-made hazards.

GOAL HS.2 Protect the community from the risk of flood damage and improve surface water quality.

POLICY HS.2.4 Continue to monitor studies that identify anticipated changes in sea level and create appropriate standards and improvements to minimize flood risks.

POLICY HS.2.5 Establish appropriate capital improvements and management programs to reduce wet weather sewer treatment demand and avoid discharge to the shallow water outfall.

GOAL HS.3 Minimize hazards of soil erosion, weak and expansive soils, potentially hazardous soils materials, other hazardous materials, geologic instability and seismic activity.

POLICY HS.3.5 Require proper handling, storage, disposal and cleanup of hazardous materials to prevent leakage, potential explosions, fires or the escape of harmful gases and to prevent individually innocuous materials from combining to form hazardous substances, especially at the time of disposal.

GOAL HS.4 Ensure that government agencies, citizens and businesses are prepared for an effective response and recovery in the event of emergencies or disasters.

POLICY HS.4.1 Continue to provide essential emergency public services during natural catastrophes

POLICY HS.4.3 Incorporate technological enhancements in new and substantially remodeled structures and facilities to support and improve emergency services.

GOAL HS.6 Support multiple forms of transportation and a circulation system design that reduces vehicle trips and emissions.

POLICY HS.6.1 Promote and encourage walking and bicycling as viable forms of transportation to services, shopping and employment.

GOAL HS.7 Ensure that all new development meets or exceeds state and federal water quality standards.

POLICY HS.7.1 Support Regional, state and federal clean water programs.

POLICY HS.7.3 Reduce the transport of runoff and surface pollutants.

POLICY HS.7.6 Establish appropriate capital improvements and management programs to reduce wet weather sewer treatment demand and avoid discharge to the shallow water outfall.

Natural Resources and Open Space Element

GOAL OS.1 Ensure the preservation of natural resources by determining appropriate land use and compatibility with natural resources and open space.

POLICY OS.1.2 Agency Cooperation. Work with Federal, State and local regulatory and trustee agencies to promote the long-term sustainability of local natural resources.

Sustainability Element

GOAL SE.3 The City will reduce its contribution to climate change and mitigate and adapt to the effects of climate change as appropriate.

POLICY SE.3.1 Reduce greenhouse gas emissions from City operations and community sources by a minimum of 15 percent below current or baseline levels by the year 2020.

POLICY SE.3.4 Reduce GHG emissions by reducing vehicle miles traveled and by increasing or encouraging the use of alternative fuels and transportation technologies.

POLICY SE.1.3 Enhance the energy efficiency of all City facilities.

GOAL SE.7 Air quality will be maintained and improved for the City of Pinole and the Bay Area as a region and not decline below levels measured in early 1990's.

POLICY SE 7.3 Support efforts to comprehensively address air quality issues through education, regulation, and innovation.

GOAL SE.8 Utilize transit options and reduce vehicle miles traveled and single-occupancy vehicle use.

POLICY SE.8.7 Work to improve Pinole's pedestrian and bicycle infrastructure and to meet the needs of all pedestrians and bicyclists.

POLICY SE.8.10 Support and promote the use of low- and zero-emissions vehicles, alternative fuels, and other measures to directly reduce emissions from motor vehicles.

ENVIRONMENTAL REVIEW

The Capital Improvement Plan's General Plan consistency review is exempt from the California Environmental Quality Act (CEQA), as this review is not considered a project pursuant to the definition of a project in Section 15378 contained in the CEQA Guidelines in that the consistency review will not result in potentially significant physical changes in the environment. Specific projects within the plan will include project-specific environmental review as part of future review and authorization to proceed.

ATTACHMENTS

- A. General Plan - Capital Improvement Plan Consistency Matrix
- B. Resolution 22-03
- C. Proposed Preliminary Capital Improvement Plan for Fiscal Year 2022-2023 through 2026 – 2027

ATTACHMENT A

CITY OF PINOLE PROPOSED PRELIMINARY FY 2022-2023 – FY 2026-2027 CAPITAL IMPROVEMENT PLAN GENERAL PLAN CONSISTENCY MATRIX

Project number acronyms are as follows:		The General Plan Element acronyms are as follows:
FA = Facilities PA = Parks SS = Sanitary Sewer SW = Stormwater RO = Streets & Roads IA = Infrastructure Assessments		CC = Circulation Element GM = Growth Management LU = Land Use and Economic Development H = Housing Element CS = Community Services and Facilities HS = Health and Safety OS = Natural Resources and Open Space Element SE = Sustainability Element
Project #	Project Name	General Plan Goals / Policies
FACILITIES		
FA2201	Public Safety Building Modernization	Policy CS.2.6, Goal CS.1, Policy CS.1.1
FA2202	Senior Center Modernization	Policy CS.2.6, Goal CS.1, Policy CS.1.1
FA2002	Electric Vehicle Charging Stations	Policy CE.1.3, Goal SE.7, Policy SE 7.3, Goal SE.8, Policy SE.8.10
FA1901	Senior Center Auxiliary Parking Lot (formerly known as Fowler House lot reuse)	Goal CE.5, Goal CS.1, Policy GM.4.1
FA1902	Energy Upgrades	Policy GM.4.1, Goal CS.9, Policy CS.9.1, Policy HS.4.3
FA1702	Citywide Roof repairs and replacement	Policy GM.4.1, Goal CS.1, Goal CS.9, Policy CS.9.1
FA1703	City Hall Modernization (formerly known as Paint City Hall)	Policy CS.2.6, Goal CS.1, Policy CS.1.1
Project #	Project Name	General Plan Goals / Policies
PARKS		

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PA2203	Playground Rubberized Surface Improvements	Goal CS.2, Goal CS.3, Policy CS 2.6 & 3.1, Policy GM.4.1
PA2202	Skatepark Rehabilitation	Goal CS.2, Goal CS.3, Policy CS 2.6 & 3.1, Policy GM.4.1
PA2201	Pocket Park – Galbreth Ave.	Goal CS.3, Policy GM.4.1
PA2101	Installation of high-capacity trash bins	Goal CS.9, Policy CS.5.1, Policy CS.8.3
PA1901	Pinole Valley Soccer Field Rehabilitation	Goal CS.1, Goal CS.3, Policy CS 3.1, Policy GM.4.1
SANITARY SEWER		
SS2203	Effluent Outfall	Policy GM.4.1, Goal CS.6, Policy CS.6.1
SS2202	Replacement of Diesel Tank	Goal HS.1, Policy H.S.3.5
SS2201	Sanitary Sewer Rehabilitation	Policy GM.4.1, Goal CS.6, Policy CS.6.1
SS2101	Secondary Clarifier – Center Column Rehabilitation	Goal CS.1, Goal CS.6, Policy CS.6.1
SS2102	Air Release Valve Replacements	Goal CS.1, Goal CS.6, Policy CS.6.1
SS2002	Water Pollution Control Plant Lab Remodel	Policy GM.4.1, Goal CS.1, Policy CS.2.6
SS1702	Sewer Pump Stations Rehabilitation	Policy GM.4.1, Goal CS.6, Policy CS.6.1
STORMWATER		
SW2001	Roble Road Drainage Improvements	Policy GM.4.1, Goal CS.7, Policy CS.7.1
SW2002	Adobe Road Drainage Improvements	Policy GM.4.1, Goal CS.7, Policy CS.7.1
SW1901	Hazel Street Drainage Improvements	Policy GM.4.1, Goal CS.7, Policy CS.7.1
Project #	Project Name	General Plan Goals / Policies
STREETS AND ROADS		
RO2501	Residential Slurry Seal	Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2

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RO2401	Cape Seal	Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO2301	Residential Slurry Seal	Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO2101	Arterial Rehabilitation	Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO2102	Tennent Ave. Rehabilitation	Policy CE.1.4, Policy CS.2.6, Policy CS.3.3, Policy H.3.1, Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO2105	Appian Way Complete Streets Project	Policy CE.1.4, Policy CS.2.6, Policy CS.3.3, Policy H.3.1, Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO2106	Active Transportation Plan	Goal GM.1, Goal GM.3, Policy GM.3.2, Policy CE.1.4, Policy CE.8.2, Goal CS.10
RO2107	Brandt St. Improvements	Goal CE.4, Goal CS.10, Policy CS.10.2, Policy GM.3.3, Goal CS.10
RO1902	Pedestrian Improvements at Tennent near RxR	Policy CE.1.4, Policy CS.2.6, Policy CS.3.3, Policy H.3.1, Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO1802	Hazel Street Gap Closure (Sunnyview)	Goal CE.1, Policy CE.1.1, Policy CE.1.4, Policy CE.1.5, Goal CE.3, Policy CS.2.6, Goal HS.1, Goal HS.3, Policy HS 3.4, Goal HS.6
RO1710	San Pablo Avenue Bridge over BNSF Railroad	Policy CS.3.3, Goal H.3, Policy H.3.1, Goal CE.3, Goal CE. 7, Policy CE.7.3, Goal CS.10.
RO1708	Pinole Valley Road Improvements	Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
RO1714	Safety Improvements at Appian Way & Marlesta Rd. (formerly known as HAWK at Appian Way and Marlesta Rd.)	Policy GM.3.3, Goal CE.3, Goal CS.10, Policy CS 10.2
Project #	Project Name	General Plan Goals/Policies
INFRASTRUCTURE ASSESSMENTS		
IN2201	Energy Audit	Goal CS.1 & CS.9, Policy CS.9.1, Goal SE.3, Policy SE.1.3,
IN2101 (formerly FA2102)	Emergency Power at Critical Facilities	Policy GM.4.1, Policy CS.2.6, Goal CS.9, Goal HS.4
IN2102 (formerly FA2103)	Municipal Broadband Feasibility	Goal CS.11, Policy CS.11.2, Policy CS.11.5

ATTACHMENT A

IN2103 (formerly SS2103)	Recycled Water Feasibility	Policy OS.8.1, Policy OS.8.7, Goal SE.9, Policy SE.9.1, Policy SE.9.4
IN2104 (formerly RO2104)	Local Road Safety Plan	Goal CS.10, Goal CE.8, Goal HS.1
IN2106 (formerly RO2106)	Active Transportation Plan	Goal GM.1, Goal GM.3, Policy GM.3.2, Policy CE.1.4, Policy CE.8.2, Goal CS.10
IN2001 (formerly SS2001)	Sanitary Sewer Collection System Master Plan	Policy GM.4.1, Goal CS.6, Policy CS.6.1, Policy HS.2.5, 4.3, & 7.5
IN1703 (formerly SW1703)	Storm Drainage Master Plan	Policy GM.4.1, Policy CS.7.1
IN1704 (formerly PA1704)	Park Master Plan	Goal CS.3, Policy CS.3.1

PLANNING COMMISSION RESOLUTION 22-03

**A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF PINOLE
RECOMMENDING THE CITY COUNCIL OF THE CITY OF PINOLE FIND THAT THE
PRELIMINARY PROPOSED CAPITAL IMPROVEMENT PLAN
FOR FISCAL YEARS 2022-2023 THROUGH 2026-2027
IS IN CONFORMANCE WITH THE CITY OF PINOLE GENERAL PLAN**

WHEREAS, the Capital Improvement Plan (CIP) includes designated funding for planned public improvement projects so that the City may continue to maintain public infrastructure, enhance public facilities, work towards satisfying community needs, and help fulfill existing General Plan goals; and

WHEREAS, each year the Planning Commission of the City of Pinole reviews capital projects that will be planned, initiated, or constructed during the ensuing fiscal year for conformity with the General Plan as required by State Planning and Zoning Law (Government Code Section 65401); and

WHEREAS, the Planning Commission has reviewed the Preliminary Proposed CIP, which includes capital projects to be planned, initiated, or constructed during the 2022-2023 fiscal year for conformity with the General Plan; and

WHEREAS, the Planning Commission has reviewed the Preliminary Proposed CIP and determined that the projects specifically support the goals and policies of the following General Plan Elements: Community Character, Growth Management, Land Use & Economic Development, Housing Element, Circulation, Community Services and Facilities, Health and Safety, Natural Resources and Open Space, and Sustainability; and

WHEREAS, in accordance with the California Environmental Quality Act (CEQA), the Planning Commission's action to determine whether a proposed new or modified CIP project is in conformance with the General Plan, is not subject to the CEQA, pursuant to CEQA Guidelines Section 15378 in that General Plan conformance findings required by State law is not a project as defined under CEQA; and additionally, since this is consistency finding, the previous environmental documentation for the General Plan is adequate CEQA documentation; and

WHEREAS, on May 9, 2022, the Planning Commission reviewed the Preliminary Proposed CIP for Fiscal Years 2022-2023 through 2026-2027 for consistency with the General Plan at which time interested persons had an opportunity to testify either in support or opposition to the projects; and

WHEREAS, at the May 9, 2022, Planning Commission meeting, upon hearing and considering all testimony and arguments, if any, of all persons desiring to be heard, the Planning Commission considered all the facts relating to the consistency of the Proposed Preliminary CIP for Fiscal Years 2022-2023 through 2026-2027 with the General Plan.

NOW THEREFORE BE IT RESOLVED that the Planning Commission of the City of Pinole hereby determines that those projects in the Proposed Preliminary CIP for Fiscal Years 2022-2023 through 2026-2027 conform to and are consistent with the City of Pinole General Plan.

PASSED AND ADOPTED by the Planning Commission of the City of Pinole on this 9th day of May 2022 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Timothy Banuelos, Chair, 2022

ATTEST:

Sanjay Mishra, Public Works Director

PROPOSED PRELIMINARY

CITY OF PINOLE

CAPITAL IMPROVEMENT PLAN

FY 2022/2023 THROUGH 2026/27

Introduction

The Capital Improvement Plan (CIP) is a multi-year planning tool used to identify and implement the City's capital needs over the upcoming five-year period. The CIP aligns the needs with appropriate funding, scheduling, and implementation. This document is a working blueprint for building and sustaining publicly funded physical infrastructure. Capital improvements refer to physical assets and include the design, purchase, construction, maintenance, or improvement of public resources (i.e. parks public infrastructure, equipment, public spaces). These improvements influence Pinole's built and natural environment and help guide the trajectory of future growth or change.

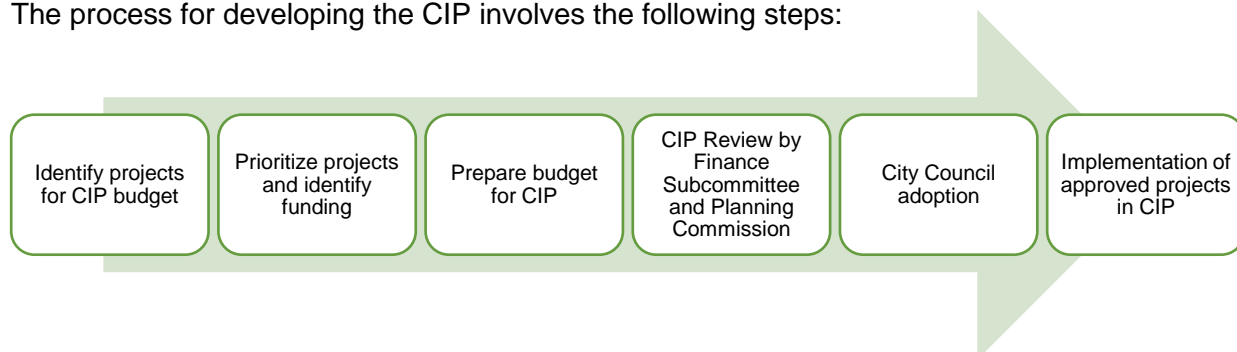
The projects in the CIP fall into the following broad categories: facility maintenance, parks, sewer collection and treatment, stormwater, streets and roads. These projects are developed in collaboration with department heads, and division managers under the direction of the City Manager to ensure all department needs are represented.

The CIP is reviewed and updated annually for capital projects and programs that support City goals and objectives including priorities identified in the 2020-2025 Strategic Plan of developing a disciplined approach to funding infrastructure maintenance and improvements. The City seeks to enhance its focus on the state of the infrastructure throughout the community by first inventorying all the assets, assessing their contributions to a safe and vibrant Pinole, assessing their current conditions, and creating a disciplined investment approach resulting in a strong and purpose driven Capital Investment Plan.

The preparation and adoption of the CIP is an important part of Pinole's financial planning and budgeting process. Proposed projects are reviewed by the Planning Commission for consistency with the General Plan. The Finance Subcommittee also reviews and analyzes all aspects of the CIP and makes recommendations. Project priority and selection is based on specific criteria, such as:

- Consistency with community plans and policies;
- Regulatory compliance;
- Public and political support;
- Sustainability;
- Cost savings or revenue generation;
- Project demand, determined by inventory of existing land, equipment, and facility conditions;
- Economic, environmental, aesthetic or social impacts; and
- Public health, safety or other legal concerns.

The process for developing the CIP involves the following steps:



Next Steps in City Capital Planning

The City will complete condition assessment of all the City's capital assets and identify the funding levels required to maintain these assets. The City will continue to integrate capital planning information into the Long-Term Financial Plan, so City decision makers are aware of the City's capital needs when they consider allocation of the City's limited financial resources and consider possibly pursuing additional sources of City revenue.

Project Funding

A variety of funding sources support projects listed in the CIP. The first year's program in the CIP is adopted by the City Council as the Capital Budget, as a counterpart to the annual Operating Budget. The fiscal resources are appropriated only in the first year, the subsequent four years of the CIP are important for long term planning and subject to further review and modification.

The CIP is funded primarily with funds restricted for specific purposes. The next page describes various funding sources and their restrictions. Some projects are entirely or partially funded by grants and reimbursements from state and federal government and other agencies.

Funding Sources

Fund #	Fund Name (restriction)	Description
100	General Fund (unrestricted)	The General Fund is the main operating fund for the City. It accounts for sources and uses of resources that (primarily) are discretionary to the City Council in the provision of activities, programs and services deemed necessary and desirable by the community.
106	Measure S 2014 (unrestricted)	Accounts for 2014 voter-approved half-cent Local Use Tax which levies 0.5% each on all merchandise. Although these are unrestricted General Fund revenues, the 2014 Use Taxes have been allocated by the City Council to fund Infrastructure Projects as their highest funding priority.
200	Gas Tax - RMRA (roads and right-of-way)	Accounts for the Highway Users Tax (HUTA) State imposed excise taxes on gasoline and diesel fuel sales within the City limits. Gas Tax funds are restricted for use in the construction, improvement and maintenance of public streets. The taxes are allocated to Pinole through the Road Maintenance and Rehabilitation Account (RMRA) established by the Road Repair and Accountability Act of 2017.
214	Solid Waste	Accounts for special revenue received from Republic Services from a surcharge assessed on customer rates for solid waste services. These funds are set aside for future solid waste capital and for a rate stabilization fund.
215	Measure J (roads only)	Accounts for special sales tax revenues collected by Contra Costa Transportation Authority (CCTA) and reapportioned to cities for local street projects. This fund also accounts for return to source funds and grant funds.
276	Growth Impact Fees (nexus identified needs)	Accounts for development fees collected to mitigate the impact of new development. Provides funds for nexus identified needs only.
325	City Street Improvements (roads only)	Accounts for funds set aside by the City of Pinole to fund street improvement projects. The Measure S 2014 funding plan allocates \$250k annually to this fund.
327	Park Grants (parks only)	Accounts for grants and reimbursements from the state and federal government and other agencies related to parks.
377	Arterial Street Rehabilitation (roads only)	Accounts for funds set aside by the City of Pinole to fund arterial street rehabilitation projects. The Measure S 2014 funding plan allocates \$250k annually to this fund.
500	Sewer Enterprise (sewer only)	Accounts for fees charged to residents and businesses for sewer utilities. Fees are used to operate the Pinole-Hercules Water Pollution Control Plant which services the Pinole and Hercules areas.

Grants

Certain projects are eligible to receive grant funds from state, federal, or other agencies. Road projects listed in the CIP receive grant funding from a variety of sources such as:

- California Department of Transportation (Caltrans)
 - Highway Bridge Program (HBP) – funds to improve bridge structural safety.
 - Project: RO1710
 - Highway Safety Improvement Program (HSIP) – funds projects that significantly reduce fatalities and injuries on all public roads.
 - Project: IN2104
- West Contra Costa Transportation Advisory Committee (WCCTAC)
 - Subregional Transportation Mitigation Program (STMP) – funds projects that provide congestion relief and mitigate traffic impacts on regional routes through capacity improvements on those routes, improved transit services for subregional and regional travel, and improved facilities that allow West County residents to more efficiently access regional routes and transit service.
 - Projects: RO2105, RO1902, and RO1710
- Metropolitan Transportation Commission (MTC)
 - One Bay Area Grant 2 (OBAG2) – policy framework for MTC’s distribution of federal State Transportation Program and Congestion Mitigation and Air Quality Improvement Program funds. The OBAG2 program provides funding for local street and road maintenance, streetscape enhancements, bicycle and pedestrian improvements, Safe Route to School projects, Priority Conservation Areas, and Transportation planning.
 - Project: RO1714
 - Transportation Development Act (TDA) Article 3 – funds construction and/or engineering of bicycle or pedestrian capital or quick build projects, maintenance of Class I or Class IV separated bikeways, bicycle and/or pedestrian safety education projects, development of a comprehensive bicycle or pedestrian facilities plans, and restriping Class II bicycle lanes and buffered bicycle lanes.
 - Project: RO1714

The receipt of certain grants and reimbursements typically follow the award of contracts; therefore, other City funding is programmed for front-end financing of the total estimated project costs.

Overview of Recommended Capital Budget

The FY 2022/23 – 2025/26 CIP contains 43 projects which includes 9 new projects. The CIP also contains information for 25 unfunded and unprogrammed projects. A funded project is one that has identified specific funding, including on-going existing resources to fully implement the project. A partially funded project has funding to accomplish various phases of the project but lacks sufficient funding to complete the project. An unfunded project is one that has been identified in the CIP as a need but no funding secured to implement the project. Should funding become available through grant or other sources, the unfunded list can be reviewed to determine if it is suitable to seek such funding.

CIP projects fall into the following categories: Facilities, Parks, Sanitary Sewer, Stormwater, Streets & Roads, and Infrastructure Assessments. The nomenclature for the project number is derived as follows:

Project numbers begin with the abbreviation of the project category, followed by the year the project was first programmed, and then a unique sequence number. For example, FA2001 refers to a facilities project which was first programmed in 2020 with a unique sequence number of 01. Unfunded projects begin with UF and are followed by a unique sequence number.

Category	Abbreviation
Facilities	FA
Parks	PA
Sewer	SS
Stormwater	SW
Streets & Roads	RO
Infrastructure Assessments	IA
Unfunded	UF

In FY2022/23, there are 34 projects programmed for funding, including 6 new projects. The following page is a budget summary of the various funding sources that support CIP projects.

CITY OF PINOLE
FY2022-23 THROUGH FY2026-27
FIVE-YEAR CAPITAL IMPROVEMENT PLAN
FUNDING SUMMARY

SOURCES BY FUND	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	5-Year Total
100 – General Fund	\$ 435,000	\$ 310,000				\$ 745,000
106 – Measure S 2014	\$ 2,240,094	\$ 940,000	\$ 350,000	\$ 100,000		\$ 3,630,094
200 – Gas Tax	\$ 100,000					\$ 100,000
200 – Solid Waste	\$ 425,000					\$ 425,000
215 – Measure J	\$ 350,000					\$ 350,000
276 – Growth Impact Fees	\$ 88,000	\$ 320,000	\$ 200,000			\$ 608,000
325 – City Street Improvements	\$ 866,398	\$ 4,283,000	\$ 18,068,103	\$ 17,830,000		\$ 41,047,501
327 – Park Grants	\$ 189,758					\$ 189,758
377 – Arterial Streets Rehabilitation	\$ 758,624	\$ 247,250				\$ 1,005,874
500 – Sewer Enterprise Fund	\$ 2,400,234	\$ 2,000,000	\$ 890,597	\$ 800,000	\$ 3,800,000	\$ 9,890,831
Sources Total	\$ 7,853,108	\$ 8,100,250	\$ 19,508,700	\$ 18,730,000	\$ 3,800,000	\$ 57,992,058
Unfunded Total			\$ 780,300		\$ 970,000	\$ 1,750,300
Total Sources Required	\$ 7,853,108	\$ 8,100,250	\$ 20,289,000	\$ 18,730,000	\$ 4,770,000	\$ 59,742,358



CITY OF PINOLE
PROPOSED PRELIMINARY FY2022-23 THROUGH 2026-27
FIVE-YEAR CAPITAL IMPROVEMENT PLAN

SOURCES BY FUND	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	5-Year Total
100 - General Fund	\$ 435,000	\$ 310,000				\$ 745,000
106 - Measure S 2014	\$ 2,240,094	\$ 940,000	\$ 350,000	\$ 100,000		\$ 3,630,094
200 - Gas Tax	\$ 100,000					\$ 100,000
214 - Solid Waste	\$ 425,000					\$ 425,000
215 - Measure J	\$ 350,000					\$ 350,000
276 - Growth Impact Fees	\$ 88,000	\$ 320,000	\$ 200,000			\$ 608,000
325 - City Street Improvements	\$ 866,398	\$ 4,283,000	\$ 18,068,103	\$ 17,830,000		\$ 41,047,501
327 - Park Grants	\$ 189,758					\$ 189,758
377 - Arterial Streets Rehabilitation	\$ 758,624	\$ 247,250				\$ 1,005,874
500 - Sewer Enterprise Fund	\$ 2,400,234	\$ 2,000,000	\$ 890,597	\$ 800,000	\$ 3,800,000	\$ 9,890,831
Sources Total	\$ 7,853,108	\$ 8,100,250	\$ 19,508,700	\$ 18,730,000	\$ 3,800,000	\$ 57,992,058
Unfunded Total			\$ 780,300		\$ 970,000	\$ 1,750,300
Total Sources Required	\$ 7,853,108	\$ 8,100,250	\$ 20,289,000	\$ 18,730,000	\$ 4,770,000	\$ 59,742,358

FACILITIES									
PRJ #	USES BY PROJECT	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Account #	FY 2022-23 Funds	Funding Source
FA2201	Public Safety Building Modernization		\$100,000	\$100,000	\$100,000				
FA2202	Senior Center Modernization		\$100,000	\$100,000					
FA2002	Electric Vehicle Charging Stations	\$50,000					106-343-47201	\$50,000	Measure S 2014
FA1901	Senior Center Auxiliary Parking Lot formerly known as Fowler House lot reuse	\$780,515					106-343-47201	\$780,515	Measure S 2014
FA1902	Energy Upgrades	\$120,811					106-343-47201	\$120,811	Measure S 2014
FA1702	Citywide Roof repairs and replacement	\$272,000	\$140,000				106-343-47201	\$272,000	Measure S 2014
FA1703	City Hall Modernization formerly known as Paint City Hall	\$125,000	\$125,000				106-343-47201	\$125,000	Measure S 2014
PARKS									
PRJ #	USES BY PROJECT	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Account #	FY 2022-23 Funds	Funding Source
PA2203	Playground Rubberized Surface Improvements	\$237,198					106-343-47201	\$47,440	Measure S 2014
							327-345-47203	\$189,758	Park Grants
PA2202	Skatepark Rehabilitation			\$150,000					
PA2201	Pocket Park - Galbreth Ave.	\$65,000					106-343-47201	\$65,000	Measure S 2014
PA2101	Installation of high-capacity trash bins	\$425,000					214-345-47203	\$425,000	Solid Waste Fund
PA1901	Pinole Valley Park Soccer Field Rehabilitation		\$200,000						
SANITARY SEWER									
PRJ #	USES BY PROJECT	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Account #	FY 2022-23 Funds	Funding Source
SS2203	Effluent Outfall	\$150,000				\$3,000,000	500-641-47201	\$150,000	Sewer Enterprise
SS2202	Replacement of Diesel Tank	\$150,000					500-641-47201	\$150,000	Sewer Enterprise
SS2201	Sanitary Sewer Rehabilitation	\$1,500,000	\$800,000	\$800,000	\$800,000	\$800,000	500-642-47201	\$1,500,000	Sewer Enterprise
SS2101	Secondary Clarifier - Center Column Rehabilitation	\$350,000					500-641-47201	\$350,000	Sewer Enterprise
SS2102	Air Release Valve Replacements	\$50,000					500-641-47201	\$50,000	Sewer Enterprise
SS2002	Water Pollution Control Plant Lab Remodel	\$100,000					500-641-47201	\$100,000	Sewer Enterprise
SS1702	Sewer Pump Station Rehabilitation		\$1,200,000				500-642-47201	\$0	Sewer Enterprise
STORMWATER									
PRJ #	USES BY PROJECT	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Account #	FY 2022-23 Funds	Funding Source
SW2001	Roble Road Drainage Improvements	\$30,000	\$320,000				276-344-47206	\$30,000	Growth Impact Fees
SW2002	Adobe Road Repair and Drainage Improvements	\$30,000	\$200,000				106-344-47206	\$30,000	Measure S 2014
SW1901	Hazel Street Gap Closure (Sunnyview)	\$473,000					106-344-47206	\$415,000	Measure S 2014
							276-344-47206	\$58,000	Growth Impact Fees
STREETS & ROADS 22									
PRJ #	USES BY PROJECT	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Account #	FY 2022-23 Funds	Funding Source
RO2501	Residential Slurry Seal				\$890,000				
RO2401	Cape Seal			\$560,000					
RO2301	Residential Slurry Seal		\$890,000						
RO2101	Arterial Rehabilitation	\$758,624	\$247,250				377-342-47205	\$758,624	Arterial Rehabilitation
RO2102	Tennent Ave. Rehabilitation	\$10,382		\$639,000			500-641-47201	\$10,382	Sewer Enterprise
RO2105	Appian Way Complete Streets	\$100,000				\$970,000	325-342-47205	\$100,000	WCCTAC - STMP Fees
RO2107	Brandt St. Improvements	\$170,000					100-342-47205	\$170,000	General Fund
RO1902	Pedestrian Improvements at Tennent Ave. near R X R	\$42,976		\$800,000			325-342-47205	\$42,976	WCCTAC - STMP Fees
RO1802	Hazel Street Gap Closure (Sunnyview)			\$200,000					
RO1710	San Pablo Ave. Bridge over BNSF Railroad	\$564,228	\$3,393,000	\$16,940,000	\$16,940,000		325-342-47205	\$45,659	WCCTAC - STMP Fees
							325-342-47205	\$166,150	CCTA Measure J
							325-342-47205	\$352,419	Caltrans - HBP
RO1708	Pinole Valley Road Improvements	\$100,000					200-342-47205	\$100,000	Gas Tax - RMRA
							325-342-47205	\$9,144	City Street Improvements
							215-342-47205	\$350,000	MTC/OBAG2
							325-342-47205	\$129,400	MTC/TDA Article 3
							106-344-47206	\$149,328	Measure S 2014
RO1714	Safety Improvements at Appian Way & Marlesta Rd. formerly known as HAWK at Appian Way and Marlesta	\$637,872							
INFRASTRUCTURE ASSESSMENTS									
PRJ #	USES BY PROJECT	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Account #	FY 2022-23 Funds	Funding Source
IN2201	Energy Audit	\$50,000					106-344-47206	\$50,000	Measure S 2014
IN2101	Emergency Power for Critical Facilities	\$30,000	\$170,000				100-343-47201	\$30,000	General Fund
IN2102	Municipal Broadband Feasibility	\$60,000					106-118-47201	\$60,000	Measure S 2014
IN2103	Recycled Water Feasibility	\$60,000	\$140,000				100-341-42101	\$60,000	General Fund
IN2104	Local Road Safety Plan	\$20,650					325-342-47205	\$20,650	Caltrans - HSIP
IN2106	Active Transportation Plan	\$75,000					100-341-42101	\$75,000	General Fund
IN2001	Sanitary Sewer Collection System Master Plan	\$89,852					500-642-47201	\$89,852	Sewer Enterprise
IN1703	Storm Drainage Master Plan	\$75,000	\$75,000				106-344-47206	\$75,000	Measure S 2014
IN1704	Park Master Plan	\$100,000					106-344-47206	\$100,000	Measure S 2014
	Uses by Project Total	\$7,853,108	\$8,100,250	\$20,289,000	\$18,730,000	\$4,770,000			

**CIP FY 2022-23 THROUGH FY 2026-27
PROJECT DESCRIPTION SHEETS**

FACILITIES

FA2201 - Public Safety Building Modernization

Initial Project Start: July 1, 2023
Initial Project Completion: June 30, 2026
Revised Project Start:
Revised Project Completion:
Project Origin: Staff Recommendation
Multi-year Project: Yes



Description: To extend the useful life of the Public Safety building, there are several items that require attention including but not limited to replacement of the HVAC system, carpet, flooring, water heaters, light fixtures, fans, etc. In addition, the building requires painting (interior and exterior), and the locker rooms also require renovation.

Supplemental Information:

FACILITIES

FA2202 - Senior Center Modernization

Initial Project Start: July 1, 2023
Initial Project Completion: June 30, 2025
Revised Project Start:
Revised Project Completion:
Project Origin: Council Request
Multi-year Project: Yes



Description: The project includes a facilities condition assessment and design and construction of improvements to modernize the existing Senior Center building located at 2525 Charles Avenue. Work will include upgrades to energy system, roof replacement, and interior renovations.

Supplemental Information:

FACILITIES

FA2002 - Electric Vehicle Charging Stations

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	
Revised Project Completion:	December 30, 2022
Project Origin:	Council Request
Multi-year Project:	Yes



Description: This project will install a level II dual port electric vehicle charging station at the parking lot serving the Public Safety Building.

Supplemental Information: City staff continue to assess other public locations throughout Pinole for opportunities to incorporate EV charging infrastructure. An energy audit (Project IN2201) of City owned facilities will inform future installations of electric vehicle charging stations.

FACILITIES

FA1901 - Senior Center Auxiliary Parking Lot

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	
Revised Project Completion:	June 30, 2023
Project Origin:	Fowler Lot Re-Use Committee
Multi-year Project:	Yes



Description: On April 16, 1990 City Council adopted Resolution 2380 authorizing the purchase of 2548 Charles Street. At the time of purchase, City Council determined that construction of a Senior Center was necessary, and that this property was needed to provide sufficient parking for the Center. The parcel is surrounded by municipal parking lots which serve the Senior Center and Old Town Pinole. On February 2, 2021 City Council adopted Resolution 2021-07 and awarded a contract to a consultant for the preliminary engineering and design for the parking lot. The parking lot will be designed to be a multi-benefit project that includes pavement structural section, striping, lighting, bicycle parking, electric vehicle charging stations, stormwater capture and retention, and drought tolerant landscaping. The final design will offer the maximum number of parking spaces while allowing access for both vehicles and pedestrians and include aesthetic design components.

Supplemental Information: The Fowler House tenants remained in the property till 2010 and many discussions took place to determine the best use of the property. It was determined that the house had asbestos and lead paint. On July 17, 2018, City Council adopted Resolution 2018-67 to create the Fowler Lot Re-use Committee to evaluate the reuse and redevelopment of the property. The Committee evaluated uses for the lot and determined the best use of the property is a parking lot. On October 16, 2018, the City Council adopted Resolution No. 2018-93 to approve a contract with a construction company to abate and demolish the Fowler house. The property demolition was completed on March 11, 2019. On July 21, 2020, City Council adopted Resolution 2020-68 to accept the final recommendation of the Committee.

FACILITIES

FA1902 - Energy Upgrades

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	
Revised Project Completion:	June 30, 2023
Project Origin:	End of life cycle
Multi-year Project:	No



Description: The heating, ventilation, and cooling (HVAC) systems at City Hall and Senior Center have reached the end of their useful life and need to be replaced. A portion of the roof at the Senior Center will also need to be replaced.

Supplemental Information: In October 2020, City staff began working with Marin Clean Energy's (MCE's) Energy Efficiency program to explore opportunities for energy conservation and generation at City owned facilities by replacing the HVAC systems and upgrading streetlights. It was determined that the MCE program could not incentivize HVAC replacement project or the upgrade of the streetlights. This project was formerly known as FA1706 and FA1801. In April 2021, the AC unit at City Hall broke down and was replaced.

FACILITIES

FA1702 - Citywide Roof repairs and replacement

Initial Project Start: July 1, 2020
Initial Project Completion: June 30, 2022
Revised Project Start: July 1, 2022
Revised Project Completion: June 30, 2024
Project Origin: End of life cycle
Multi-year Project: Yes



Description: In 2015, comprehensive visual roof inspections were completed by a contractor on various City owned facilities. The purpose of the inspection was to identify the extent, if any, of moisture intrusion into the existing roof assemblies, document observed roof system deficiencies, determine the overall condition of the existing roof systems and to estimate the service life of the in-place roof assemblies. The roof inspection identified several roofs which need to be repaired or replaced. The roofs at City hall and the Public Safety building need to be replaced.

Supplemental Information:

FACILITIES

FA1703 - City Hall Modernization (formerly known as Paint City Hall)

Initial Project Start:	July 1, 2021
Initial Project Completion:	June 30, 2022
Revised Project Start:	July 1, 2022
Revised Project Completion:	June 30, 2024
Project Origin:	End of life cycle
Multi-year Project:	No



Description: To extend the useful life of the City hall building, there are several items that require attention including but not limited to carpet, flooring, window coverings, light fixtures, etc. The interior and exterior surfaces of the building require repainting as the paint system has reached the end of its useful life. Exterior painting is necessary to maintain external protection from the environment. Fading, chipping paint, along with water and mildew damage necessitates the painting project.

Supplemental Information:

PARKS

PA2203 - Playground Rubberized Surface Improvements

Initial Project Start: July 1, 2022
Initial Project Completion: June 30, 2024
Revised Project Start:
Revised Project Completion:
Project Origin: Staff Recommendation
Multi-year Project: Yes



Description: Replacement of panel rubberized surfaces at Fernandez Park and Pinole Valley Park. Fernandez Park involves replacement of rubberized surface improvements at tot lot and replacement of existing engineered mulch with rubberized surface at older age play equipment. The rubberized surfaces around the play equipment will also be replaced at Pinole Valley Park. These improvements are grant funded through the State of California Department of Parks and Recreation Per Capita funds.

Supplemental Information:

PARKS

PA2202 - Skatepark Rehabilitation

Initial Project Start: July 1, 2024
Initial Project Completion: June 30, 2025
Revised Project Start:
Revised Project Completion:
Project Origin: Council Request
Multi-year Project: No
Description: Settling of ramps
Supplemental Information:



PARKS

PA2201 - Pocket Park - Galbreth Ave.

Initial Project Start: July 1, 2022
Initial Project Completion: June 30, 2023
Revised Project Start:
Revised Project Completion:
Project Origin: Council Request
Multi-year Project: No



Description: Installation of an ADA compliant bench within a pocket park at a suitable location on Galbreth Ave.

Supplemental Information: To develop the pocket park, a lot line adjustment may be required.

PARKS

PA2101 - Installation of high capacity trash bins

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2022
Revised Project Start:
Revised Project Completion: June 30, 2023
Project Origin: Beautification Ad Hoc Committee
Multi-year Project: No



Description: Installation of high capacity, solar powered compacting trash bins at City parks.

Supplemental Information: In 2019, the City Council established a Beautification Ad Hoc Committee to analyze options for, and to make recommendations to the Council regarding clean-up and beautification projects in Pinole. Among other projects, the Committee recommended the installation of high capacity, solar powered compacting trash bins at City parks.

PARKS

PA1901 - Pinole Valley Park Soccer Field Rehabilitation

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	July 1, 2023
Revised Project Completion:	June 30, 2024
Project Origin:	Council Request
Multi-year Project:	No



Description: There are two soccer fields at Pinole Valley Park which are utilized on an annual basis, the Wright Avenue Soccer Field at the southerly end, and Savage Avenue Soccer Field at the northern end. Both fields are heavily used by soccer leagues and the general public. The Savage Avenue Soccer Field requires substantial rehabilitation which includes: upgrading the irrigation system and ongoing turf maintenance. Turf maintenance includes mowing, fertilizing, aeration, overseeding, and topdressing.

Supplemental Information: This project has been delayed pending the development of a Park Master Plan (CIP Project# PA1704).

SANITARY SEWER

SS2203 - Effluent Outfall

Initial Project Start: July 1, 2022
Initial Project Completion: June 30, 2027
Revised Project Start:
Revised Project Completion:
Project Origin: Regulatory Requirement
Multi-year Project: Yes



Description: Effluent pumping capacity of the treatment plant is limited by the capacity of the pipe size at the effluent outfall in Rodeo. Increasing the pipe size at the Effluent Outfall Eductor Station will increase the wet weather effluent pumping capacity and increase the lifespan of the effluent pipe by reducing the pressure in the line during storm events.

Supplemental Information: Project requires coordination with Rodeo

SANITARY SEWER

SS2202 - Replacement of Diesel Tank

Initial Project Start: July 1, 2022
Initial Project Completion: June 30, 2023
Revised Project Start:
Revised Project Completion:
Project Origin: End of life cycle
Multi-year Project: No

Description: In-kind replacement of a 4,000 gallon diesel storage tank used to supply fuel to standby generators and City vehicles. The existing tank is compromised.

Supplemental Information:



SANITARY SEWER

SS2201 - Sanitary Sewer Rehabilitation

Initial Project Start: July 1, 2022
Initial Project Completion: June 30, 2027
Revised Project Start:
Revised Project Completion:
Project Origin: Master Plan
Multi-year Project: Yes



Description: Various improvements to the Sanitary Sewer collection system, as identified in the Sanitary Sewer Collection System Master Plan.

Supplemental Information:

SANITARY SEWER

SS2101 - Secondary Clarifier—Center Column Rehabilitation

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2022
Revised Project Start: July 1, 2022
Revised Project Completion: June 30, 2023
Project Origin: End of life cycle
Multi-year Project: No



Description: The Secondary Clarifier #5 has reached the end of its useful life. The project will involve removal and replacement of catwalk, drive mechanism, center column, and rake arm.

Supplemental Information: The City of Hercules will be reimburse the Sewer Enterprise fund for 50% of the total project cost.

SANITARY SEWER

SS2102 - Air Release Valve Replacements

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2022
Revised Project Start: July 1, 2022
Revised Project Completion: June 30, 2023
Project Origin: Staff Recommendation
Multi-year Project: No



Description: There are four air relief valves at various locations on the WPCP Effluent Pipeline between the WPCP and the Rodeo treated water discharge point. This project includes removal and replacement of the pipe saddle, short pipe section, isolation valve, and air relief valve.

Supplemental Information: The four locations are: 1) across from the WPCP at 11 Tennent Ave., near the entrance of the SF Bay Trail, 2) On the SF Bay Trail near the corner of Santa Fe and Railroad Ave., 3) At the intersection of Mariposa St. and Railroad Ave. (Rodeo), 4) Outside the gate of Rodeo Sanitary District at 800 San Pablo Ave. (Rodeo). The City of Hercules will reimburse the Sewer Enterprise fund for 50% of the total project cost.

SANITARY SEWER

SS2002 - Water Pollution Control Plant Lab Remodel

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	July 1, 2022
Revised Project Completion:	June 30, 2023
Project Origin:	Regulatory Requirement
Multi-year Project:	No



Description: The California Environmental Laboratory Accreditation Program (ELAP) is responsible for accrediting environmental testing labs including the Pinole - Hercules WPCP. The 2019 ELAP inspection results indicated the lab apparatus, countertops, and the fume hood are past their useful life and recommended replacement.

Supplemental Information: The City of Hercules will reimburse the Sewer Enterprise fund for 50% of the total project cost.

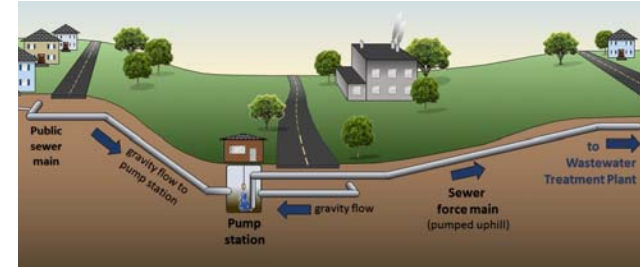
SANITARY SEWER

SS1702 - Sewer Pump Station Rehabilitation

Initial Project Start:	October 1, 2020
Initial Project Completion:	August 31, 2022
Revised Project Start:	July 1, 2023
Revised Project Completion:	June 30, 2024
Project Origin:	End of lifecycle
Multi-year Project:	No

Description: The City owns and operates two lift stations to convey flow from low lying areas to high elevations where the flow continues by gravity to the wastewater treatment plant. Both pump stations have reached the end of their useful life and need to be rehabilitated.

Supplemental Information: The two pump stations are located on San Pablo Ave. and Hazel St. In FY 2019/20, this project was renamed to include both pump stations. Previously, this project was titled, "Hazel Street Sewer Pump Rehabilitation."



STORMWATER

SW2001 - Roble Road Storm Drainage Improvements

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	July 1, 2022
Revised Project Completion:	June 30, 2024
Project Origin:	Staff Recommendation
Multi-year Project:	Yes

Description: The existing system appears to have capacity issues at Roble Ave. and Encina Ave. that warrant review and upgrade. This project will assess the collection system for capacity and hydraulic profile and upgrade the system as necessary.

Supplemental Information:



STORMWATER

SW2002 - Adobe Road Storm Drainage Improvements

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	July 1, 2022
Revised Project Completion:	June 30, 2024
Project Origin:	Staff Recommendation
Multi-year Project:	Yes



Description: Adobe Road experienced a failure due to drainage impacts. Installation of a culvert will be required to control the drainage in the area. The area will then be regraded and the road surface will be restored. This road serves only as a service access route.

Supplemental Information:

STORMWATER

SW1901 - Hazel Street Storm Drain Improvements

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	
Revised Project Completion:	June 30, 2023
Project Origin:	Development Driven
Multi-year Project:	Yes



Description: The existing stormwater collection is an open trench system and needs to be converted to an underground conveyance system to facilitate construction of a through road. This project will include connecting the existing storm drain network within Hazel Street between 1087 Hazel St (eastern limits) and 1081 Hazel St. (western limits). In January 2020, the City contacted with Schaff and Wheeler to prepare the preliminary design which includes plan and profile of the pipe and technical specifications.

Supplemental Information: This conversion also aids in compliance with the MSP4 by reducing the potential of contaminants including litter from entering the stormwater system.

ROADS

RO2501 - Residential Slurry Seal

Initial Project Start: July 1, 2025
Initial Project Completion: June 30, 2026
Revised Project Start:
Revised Project Completion:
Project Origin: Pavement Management Program
Multi-year Project: No

Description: Based on the most current P-TAP report various segments will be recommended for slurry seal treatment. A slurry seal functions as a topcoat to existing asphalt pavement to preserve and protect the pavement. It is best suited for pavements with mild to moderate damage, such as narrow cracks, but not for severe damage such as potholes.

Supplemental Information:



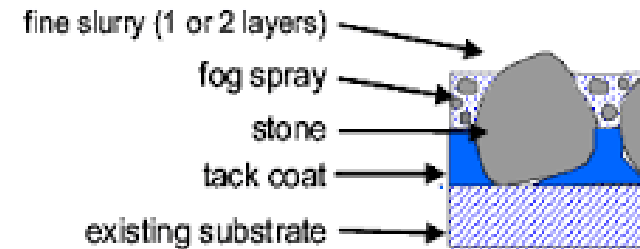
ROADS

RO2401 - Cape Seal

Initial Project Start:	July 1, 2024
Initial Project Completion:	June 30, 2025
Revised Project Start:	
Revised Project Completion:	
Project Origin:	Pavement Management Program
Multi-year Project:	No

Description: Based on the most current P-TAP report, various pavement segments will benefit from a cape seal. A cape seal is applied when a slurry seal or micro-surfacing will not adequately address the pavement deterioration. Cape seals are a multi-layered treatment pavement preservation treatment which can extend the life of a pavement by 6-8 years.

Supplemental Information:



ROADS

RO2301 - Residential Slurry Seal

Initial Project Start: July 1, 2023
Initial Project Completion: June 30, 2024
Revised Project Start:
Revised Project Completion:
Project Origin: Pavement Management Program
Multi-year Project: No

Description: Based on the most current P-TAP report various segments will be recommended for slurry seal treatment. A slurry seal functions as a topcoat to existing asphalt pavement to preserve and protect the pavement. It is best suited for pavements with mild to moderate damage, such as narrow cracks, but not for severe damage such as potholes.

Supplemental Information:



ROADS

RO2101 - Arterial Rehabilitation

Initial Project Start: July 1, 2020
Initial Project Completion: June 30, 2023
Revised Project Start:
Revised Project Completion:
Project Origin: Pavement Management Program
Multi-year Project: Yes



Description: Based on the 2019 P-TAP report, various segments were recommended for treatment by StreetSaver®. The recommendations will be further validated through a comparative pavement analysis to explore additional treatment options which are not discussed in the P-TAP report. This will allow the City to optimize the available funding. In February 2021, the City selected a consultant to complete the preliminary engineering for this project.

Supplemental Information:

ROADS

RO2102 - Tennent Ave. Rehabilitation

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2023
Revised Project Start:	
Revised Project Completion:	
Project Origin:	Pavement Management Program
Multi-year Project:	Yes



Description: The construction impacts from the WPCP upgrade project resulted in pavement deterioration. This project will rehabilitate Tennent Ave. from San Pablo Ave. to WPCP. In February 2021, the City selected a consultant to complete the preliminary engineering for this project.

Supplemental Information: In preparation of this project, the City retained a consultant to perform internal CCTV on this section of roadway. The inspection was completed in early 2021. Coordinating collection system improvements with street resurfacing projects ensures that sewer improvements are made prior to the resurfacing so that manholes and valve covers may be properly realigned, and repairs and replacements are made in a cost-effective manner. This also avoids cutting and patching recently paved streets. The City of Hercules will reimburse \$86,430 for this project.

ROADS

RO2105 - Appian Way Complete Streets

Initial Project Start:	July 1, 2021
Initial Project Completion:	June 30, 2022
Revised Project Start:	
Revised Project Completion:	June 30, 2023
Project Origin:	Staff Recommendation
Multi-year Project:	Yes



Description: Completion of preliminary engineering and design to provide continuous sidewalks and bike lanes along Appian Way beginning from unincorporated El Sobrante to about 1500 lineal feet north of the City limit within Pinole. In December 2021, City Council approved a Cooperative Funding Agreement with WCCTAC to receive STMP funds to complete preliminary design for this project.

Supplemental Information: This project will connect with the Contra Costa County's project to provide continuous sidewalks and bike lanes along Appian Way from San Pablo Dam Rd. in unincorporated El Sobrante. This project will involve coordination with Contra Costa County. The construction phase of this project is unfunded and appears in the Unfunded and Unprogrammed list.

ROADS

RO2107 - Brandt St. Improvements

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2023
Revised Project Start:
Revised Project Completion:
Project Origin: Council Request
Multi-year Project: No

Description: Provide improvements on Brandt St. including application of pavement treatments based on type and severity of distresses on existing pavement.

Supplemental Information:



ROADS

RO1902 - Pedestrian Improvements at Tennent Ave. near R x R

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	
Revised Project Completion:	June 30, 2025
Project Origin:	Staff Recommendation
Multi-year Project:	Yes



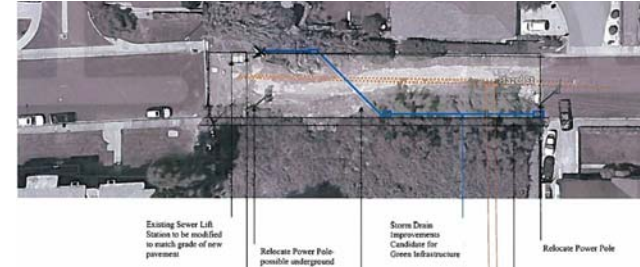
Description: In 2018, the East Bay Regional Park District completed a trail link to connect Pinole Shores Regional Shoreline to Bayfront Park trail. There remains one very small gap on Tennent Ave. from Bayfront Park to Railroad Ave. Improvements to Tennent Ave. at the Railroad Crossing will facilitate safe movement of bicycles and pedestrians. Since project inception, the scope of work has evolved to include improvements that would maximize parking on Railroad Avenue for park users. In February 2021, the City selected a consultant to complete the preliminary engineering for this project.

Supplemental Information: WCCTAC held its STMP Call for Projects in 2018 which committed \$100k in funding for preliminary engineering from the 2006 STMP program for this project. This project is eligible to respond to future STMP Call for Projects to compete for funding to advance the project through construction.

ROADS

RO1802 - Hazel Street Gap Closure (Sunnyview)

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2022
Revised Project Start:
Revised Project Completion: July 30, 2025
Project Origin: Development Driven
Multi-year Project: No



Description: A developer has proposed to develop on a vacant lot identified as APN 402-013-060 at the end of Hazel Street. The project proposes the subdivision of the lot into four new parcels and development of single family residences on each new parcel, and execution of a development agreement to make public improvements, including the extension of Hazel Street for roadway connection to Sunnyview Drive - West end of Hazel St.

Supplemental Information: Completion of Project SW1901 prior to this project.

ROADS

RO1710 - San Pablo Avenue Bridge over BNSF Railroad

Initial Project Start:	July 1, 2017
Initial Project Completion:	Beyond 5 year term
Revised Project Start:	
Revised Project Completion:	June 30, 2026
Project Origin:	End of life cycle
Multi-year Project:	Yes



Description: The San Pablo Avenue bridge over the Burlington Northern Santa Fe Railroad is an integral part of the area's transportation network. The age and condition assessment of the bridge supports replacement. The City was approved for initial funding from the Caltrans Highway Bridge Program (HBP). In February 2020, the City awarded a contract to a consultant for preliminary engineering (PE) to advance the project. The PE will be completed in two phases due to funding limitations. Completion of preliminary design is necessary to develop a final cost estimate for the project. Unfunded portions of this project appear in the Unfunded and Unprogrammed project list as Project UF027.

Supplemental Information: The total budget identified to complete the PE exceeds the amount of funding Caltrans committed to the project of the State's share in the current HBP.

ROADS

RO1708 - Pinole Valley Road Improvements

Initial Project Start: July 1, 2020
Initial Project Completion: June 30, 2021
Revised Project Start: July 1, 2022
Revised Project Completion: June 30, 2023
Project Origin: Council Request
Multi-year Project: No



Description: As part of the high school construction project WCCUSD provided road improvements along the school frontage. Improvements to Pinole Valley Road - from Shea Dr. to Helena Ct. will extend the useful life of the pavement. The existing pavement score is high in this area, so a slurry seal may be the recommended treatment.

Supplemental Information:

ROADS

RO1714 - Safety Improvements at Appian Way and Marlesta Rd. formerly known as HAWK at Appian Way and Marlesta Rd.

Initial Project Start:	July 1, 2024
Initial Project Completion:	June 30, 2025
Revised Project Start:	July 1, 2020
Revised Project Completion:	June 30, 2023
Project Origin:	TAPS
Multi-year Project:	Yes



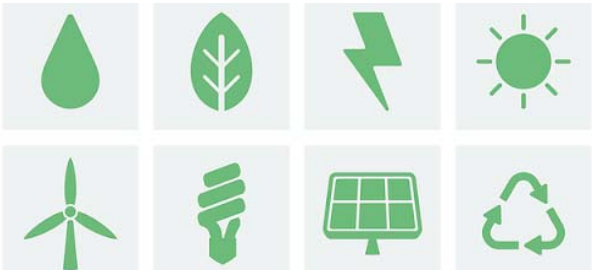
Description: The key elements affecting the safety of pedestrians and cyclists at the Appian Way and Marlesta Way intersection is speed and reduced visibility of approaching traffic due to the topography of the project area. Safety improvements are required to improve crossing conditions for pedestrians and bicyclists. In February 2021, the City selected a Consultant to complete the preliminary engineering for this project.

Supplemental Information:

INFRASTRUCTURE ASSESSMENTS

IN2201 - Energy Audit

Initial Project Start: July 1, 2022
Initial Project Completion: June 30, 2023
Revised Project Start:
Revised Project Completion:
Project Origin: Staff Recommendation
Multi-year Project: No
Description:
Supplemental Information:



INFRASTRUCTURE ASSESSMENTS

IN2101 - Emergency Power for Critical Facilities

Initial Project Start:	July 1, 2021
Initial Project Completion:	June 30, 2023
Revised Project Start:	July 1, 2022
Revised Project Completion:	
Project Origin:	Council Request
Multi-year Project:	Yes



Description: During severe natural hazard events, it is highly likely that utility power will not be available for an extended period of time. Critical facilities will need reliable sources of sustained electrical power to continue operations. This project will: 1) identify critical facilities in need of back-up power in coordination with an Emergency Operations Plan (EOP) , 2) assess power loads in each critical facility that requires back-up power, 3) determine the costs and technology options including solar battery storage, and 4) make any additional recommendations to Council before advancing to construction.

Supplemental Information: The Public Safety Building, Fire Station 74, and the Water Pollution Control Plant have stand by generators.

INFRASTRUCTURE ASSESSMENTS

IN2102 - Municipal Broadband Feasibility

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2024
Revised Project Start: July 1, 2022
Revised Project Completion: June 30, 2022
Project Origin: Council Request
Multi-year Project: No

Description: A feasibility study will determine a successful deployment strategy and associated costs for implementing municipal broadband service in Pinole.

Supplemental Information:



INFRASTRUCTURE ASSESSMENTS

IN2103 - Recycled Water Feasibility

Initial Project Start:	July 1, 2022
Initial Project Completion:	June 30, 2023
Revised Project Start:	
Revised Project Completion:	June 30, 2024
Project Origin:	Council Request
Multi-year Project:	Yes



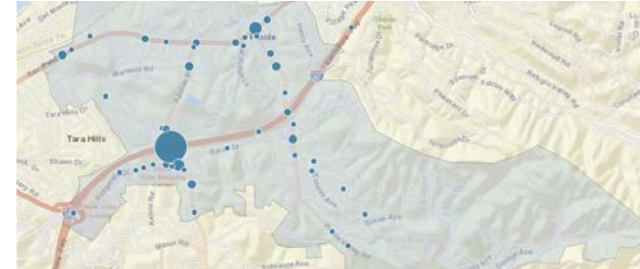
Description: A feasibility study will allow the City to plan and phase the construction of future recycled water distribution system infrastructure. The study will identify potential recycled water customers, evaluate the quantity, quality, and recycled water distribution system options to address the needs of potential users in surrounding areas, seek opportunities to phase the construction of a recycled water delivery system, and develop planning-level cost options for the phased system.

Supplemental Information: Recycled water delays or eliminates the need to construct more potable water facilities, sustains the economy with increased water supply reliability, protects the environment, safeguards investments in parks and landscaping with drought proof or drought resistant water supply, and contributes to a green and healthy environment. In 2019, East Bay Municipal Utility District (EBMUD) prepared an Updated Recycled Water Plan which considered the potential for potable reuse in EBMUD's water service area. The development of a new recycled water supply for the Phillips 66 refinery in Rodeo using effluent from the Pinole-Hercules and Rodeo wastewater treatment plants was among the recommended non-potable reuse projects. This project is estimated to deliver up to 3.67 MGD of recycled water to the refinery for use in their boilers and cooling towers. The combined final disinfected effluent from both plants would be pumped at the Rodeo Pump Station to the refinery for treatment a new advanced recycled water treatment plan. This project was recommended by EBMUD because it would deliver a large amount of water to a single customer, with comparatively few pipelines required due to the short distance between the sources of wastewater and the Phillips 66 Refinery

INFRASTRUCTURE ASSESSMENTS

IN2104 - Local Road Safety Plan

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2022
Revised Project Start:	
Revised Project Completion:	December 30, 2022
Project Origin:	Staff Recommendation
Multi-year Project:	Yes



Description: Development of a Local Road Safety Plan (LRSP) which will include an existing conditions assessment, development of traffic measures in areas of engineering, education, encouragement, enforcement, emerging technologies along with associated evaluation. The LRSP will include a prioritized list of roadway infrastructure improvements.

Supplemental Information: In July 2020, staff submitted a grant application to Caltrans for funding to develop and implement an LRSP for the City of Pinole. LRSP's allow local governments to identify, analyze, and prioritize roadway safety improvements on roads within their jurisdiction. In the future, an LRSP or its equivalent, will be required for agencies to apply for federal Highway Safety Improvement Plan funds. In October 2020, the City was selected for funding and implementation of an LRSP. In December 2020, the City released a Request for Proposals to seek professional services from licensed engineering firms to develop a LRSP. A contract was awarded to a consultant in April 2021.

INFRASTRUCTURE ASSESSMENTS

IN2106 - Active Transportation Plan

Initial Project Start: July 1, 2021
Initial Project Completion: June 30, 2022
Revised Project Start: July 1, 2022
Revised Project Completion: June 30, 2023
Project Origin: TAPS
Multi-year Project: No



Description: Development of an Active Transportation Plan will act as a guide for active mobility within and around Pinole. The Plan will identify an integrated network of walkways and bikeways that connect Pinole neighborhoods and communities to employment, education, commercial, recreational, and tourist destinations. The plan will prioritize a set of connected projects, that when fully implemented, will increase active transportation opportunities and make it safe and more convenient for people to walk, bike, and use non-auto forms of travel.

Supplemental Information:

INFRASTRUCTURE ASSESSMENTS

IN2001 - Sanitary Sewer Collection System Master Plan

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2022
Revised Project Start:	
Revised Project Completion:	December 30, 2022
Project Origin:	Staff Recommendation
Multi-year Project:	Yes

Description: In September 2020, the City Council awarded a contract to Carollo Engineers, Inc. to develop a Sanitary Sewer Collection System Master Plan (Plan). The Plan will provide a condition assessment of the sewer collection assets to inform capital planning and effectively serve the wastewater needs of residents and businesses. This plan will also provide a capacity analysis to identify pipes that need to be upsized. Master planning is critical to identify when and where infrastructure upgrades or improvements will be needed to accommodate growth.

Supplemental Information:



INFRASTRUCTURE ASSESSMENTS

IN1703 - Storm Drainage Master Plan

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2023
Revised Project Start:	July 1, 2022
Revised Project Completion:	June 30, 2024
Project Origin:	Staff Recommendation
Multi-year Project:	Yes

Description: Preparation of a storm drain master plan will provide an analysis of the existing collection system. The plan will identify system deficiencies related to capacity, functionality, and permit compliance. The plan can serve to guide future budget allocations for improvements to the system.

Supplemental Information:



INFRASTRUCTURE ASSESSMENTS

IN1704 - Park Master Plan

Initial Project Start:	July 1, 2020
Initial Project Completion:	June 30, 2021
Revised Project Start:	July 1, 2021
Revised Project Completion:	June 30, 2023
Project Origin:	Staff Recommendation
Multi-year Project:	No



Description: Preparation of a park master plan will aid the City in developing a strategic approach to park maintenance and operation. The master plan will allow the City to quantify and qualify the existing park system, identify deficiencies, and develop a financial analysis of the cost to maintain and operate park assets.

Supplemental Information: This project was added to the CIP in 2017 as an unfunded project; Council approved funding in 2020.

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN: FY 2022-23 THROUGH FY 2026-27
UNFUNDED AND UNPROGRAMMED PROJECTS**

#	Unfunded/Unprogrammed Projects
UF001	Railroad Avenue Bridge Removal and Replacement
UF002	Electric Vehicle Charging Stations in City lots
UF003	Parking lot resurfacing
UF004	LLAD Landscape Restoration and Improvement
UF005	Dog Park Restroom Replacement
UF006	Dog Park resurfacing and fencing improvements
UF007	Eucalyptus Grove Restoration
UF008	Fernandez Park Baseball grandstand improvement
UF009	Repave Trails
UF010	ADA Ramps
UF011	Appian Complete Streets
UF012	Bridge Maintenance
UF013	Installation of High intensity Activated crossWALK (HAWK)
UF014	Pavement Maintenance
UF015	I-80/Pinole Valley Rd. Interchange Improvements
UF016	Shale Hill Retaining wall and sidewalk gap
UF017	Sidewalks gaps
UF018	Signal System Upgrades
UF019	San Pablo Sewer Lift Station Upgrade
UF020	Sewer Collection Systemwide Rehabilitation
UF021	Tree Master Plan
UF022	San Pablo Avenue Bridge over BNSF Railroad
UF023	Installation of Solar at City Facilities
UF024	All weather access roads
UF025	Faria House Renovations

UF001 - Railroad Avenue Bridge Removal and Replacement

Project Information

The Contra Costa County Flood Control and Water Conservation District has advised removal of the Railroad Avenue Bridge. The bridge is a flood barrier. The first step is to determine if the City of Pinole is the responsible agency for this project.

Origin: Staff Recommendation

Budget Unit: Roads/Sanitary Sewer/Stormwater

Cost Estimate:

Potential Funding Sources:

UF002 - Electric Vehicle Charging Stations in City lots

Project Information

The City desires to promote and encourage the use of electric vehicles. With increased adoption of alternative fuel vehicles, the need for charging infrastructure is growing. The City wishes to install charging stations in city owned parking lots. The first step is to complete a load study at City owned parking lots to determine the electrical capacity at each site. There may be significant electrical upgrades necessary to install charging stations. Electrical capacity and siting determine ultimately determine the cost of each project. There are incentives available for the charging equipment.

Origin: Council Request

Budget Unit: Facilities

Cost Estimate:

Potential Funding Sources: Bay Area Air Quality Management District, West Contra Costa Transportation Authority, Marin Clean Energy

UF003 - Parking lot resurfacing

Project Information

This project is to maintain and enhance existing City owned parking facilities and infrastructure, to increase parking supply, and to support ongoing multi-modal and streetscape improvements. Improvements include saw cutting and demolition, pavement removal, earthwork, pavement installation, curb and gutter, striping, and signage.

Origin: Staff Recommendation

Budget Unit: Facilities

Cost Estimate:

Potential Funding Sources: Economic stimulus funding

UF004 - LLAD Landscape Restoration and Improvement

Project Information

The Pinole Valley Road Landscape and Lighting Assessment District was formed in 2008. The City installed various improvements on Pinole Valley Road between Henry Avenue and Ramona Street. The district provides maintenance to traffic signals, streetlights, median landscaping, irrigation for landscaping, electricity to traffic signals and streetlights, and graffiti removal. This project will maintain and restore turf, shrubs, plants and trees within the District.

Origin: LLAD Report

Budget Unit: LLAD

Cost Estimate:

Potential Funding Sources: Fund 345 & 348

UF005 - Dog Park Restroom Replacement

Project Information

The existing restroom located at the Dog Park is beyond its useful life and requires replacement.

Origin: Staff Recommendation

Budget Unit: Parks

Cost Estimate:

Potential Funding Sources: -

UF006 - Dog Park resurfacing and fencing improvements

Project Information

Resurfacing and fencing improvements

Origin: Staff Recommendation

Budget Unit: Parks

Cost Estimate:

Potential Funding Sources:

UF007 - Eucalyptus Grove Restoration

Project Information

The open space located between the Old Town area between John St. and Pinole Valley Road is forested with Eucalyptus trees. In 2014, a Safety Inspection was conducted by a consultant. A total of 8 trees were recommended for removal, and root crown excavation was recommended for 3 trees. 2 trees were determined to be hollow and recommended for further investigation to evaluate the level of internal decay. In 2018, the City hired a company to remove 20 Eucalyptus trees in the area. There are still many trees left and many of the prior trees were felled with the trunks remaining on site. This project will remove the remaining trees, both standing and, on the ground, and regreen this area with native trees.

Origin: Council Request

Budget Unit: Parks

Cost Estimate:

Potential Funding Sources:

UF008 - Fernandez Park Baseball grandstand improvement

Project Information

The current grandstand is aging and requires increased maintenance to maintain its serviceability.

Origin: Staff Recommendation

Budget Unit: Parks

Cost Estimate:

Potential Funding Sources:

UF009 - Repave Trails

Project Information

The City's goal is to develop safe, connected, and comfortable bicycle and pedestrian facilities for people of all ages and abilities. Repaving trails will enhance trail access from the City's roadway network to encourage alternative modes of transportation.

Origin: Staff Recommendation

Budget Unit: Parks

Cost Estimate:

Potential Funding Sources:

UF010 - ADA Ramps

Project Information

This project involves removing barriers to accessibility for persons using wheelchairs or other personal assistance devices and improving pedestrian accessibility and safety by reconstructing or upgrading curb ramps at various locations throughout the City.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF011 - Appian Complete Streets

Project Information

This project will provide continuous side-walks and bike lanes along Appian Way from San Pablo Dam Rd. in unincorporated El Sobrante to about 1500 lineal feet north of the city limit within the City of Pinole. The City will seek 2019 STMP funds from West Contra Costa Transportation Authority for preliminary design.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate: \$970,000

Potential Funding Sources: -

UF012 - Bridge Maintenance

Project Information

Maintenance of vehicular and pedestrian bridges as identified in the Caltrans Bridge Inspection Reports and Pedestrian Bridge Inspection Reports completed by Quincy Engineering, Inc.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF013 - Installation of High intensity Activated crossWALK (HAWK)

Project Information

A High Intensity Activated crossWALK (HAWK) beacon is a traffic control device used to stop road traffic and facilitate pedestrians to cross more safely. HAWKS are candidate treatments for roads with three or more lanes and generally have an annual average daily traffic above 9,000. HAWKS are considered for all midblock and intersection crossings where roadway speed limits are equal or greater than 40 mph. The safety of various crossings can be improved in Pinole through the installation of a HAWK.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF014 - Pavement Maintenance

Project Information

The City uses a pavement management software known as StreetSaver to strategize the most cost effective method to extend the pavement life. Pavement Maintenance is necessary to maintain the City's pavement network. Deferred maintenance results in increased costs over time.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate: \$42,000,000

Potential Funding Sources: Fund 200 and Fund 106

UF015 - I-80/ Pinole Valley Rd. Interchange Improvements

Project Information

This project will widen Pinole Valley Road ramp terminal intersections at I-80 to provide a dedicated right turn lane to the eastbound and westbound I-80 on ramps. This project will also provide crossing enhancements at the Pinole Valley Road and I-80 intersection.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate: \$10,959,000

Potential Funding Sources:

UF016 - Shale Hill Retaining wall and sidewalk gap

Project Information

Shale Hill is located on San Pablo Ave. near Oak Ridge Road. The cut slope above the pavement is comprised of shale which is loose and sloughs onto the road. There is no sidewalk in this area because the toe of the embankment is uncontrolled and there is inadequate space to accommodate a sidewalk. Staff has not been successful in securing grant funds for this project.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF017 - Sidewalk gaps

Project Information

This project will address sidewalk gaps by installing public sidewalks where sidewalks are missing on one or both sides of the street. This work will be coordinated with other construction projects. Sidewalk gaps often exist in places with site constraints (i.e. right of way, grade/slopes, or utility conflicts) or are adjacent to properties that have been required to provide sidewalks in the past due to land uses or ownerships. Locations for repair will be selected based on site conditions, pedestrian safety, and adjacent property attributes.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF018 - Signal System Upgrades

Project Information

This project will upgrade various aspects of the City's traffic signal system including: traffic signal controller equipment, vehicle detection, traffic signal arms and heads, battery backup systems, and communications systems to reduce congestion and improve safety for the Pinole community.

Origin: Staff Recommendation

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF019 - San Pablo Sewer Lift Station Upgrade

Project Information

This project involves upgrading the structural and electrical needs of the San Pablo Ave. lift station to address the safety and operational deficiencies.

Origin: Sanitary Sewer Master Plan

Budget Unit: Sewer

Cost Estimate:

Potential Funding Sources:

UF020 - Sewer Collection Systemwide Rehabilitation

Project Information

In 2020, the City contracted with a consultant to prepare a sanitary sewer collection system master plan. The Master Plan will provide condition assessment of sewer collection assets that will inform capital planning.

Origin: Sanitary Sewer Master Plan

Budget Unit: Sewer

Cost Estimate:

Potential Funding Sources:

UF021 - Tree Master Plan

Project Information

In 2019, the City Council established a Beautification Ad Hoc Committee to analyze options for, and to make recommendations to Council regarding clean-up and beautification projects in Pinole. Among other projects, the Committee recommended the development of a Tree Master Plan to inventory the existing trees, and to develop a plan for managing the tree inventory, including finding tree planting opportunities.

Origin: Beautification AdHoc Committee

Budget Unit:

Cost Estimate: \$375,000

Potential Funding Sources: Cal Fire Urban and Community Forestry Grant Program

UF022 - San Pablo Avenue Bridge over BNSF Railroad

Project Information

This project will replace the existing thirteen span reinforced concrete span structure over the Burlington Northern Santa Fe Railroad adjacent to San Pablo Avenue at the easterly limits of the City. On 02/18/20, Council awarded a contract to a Consultant to begin the preliminary engineering (PE) for this project (CIP Project RO1710). The PE will be completed in two phases due to funding limitations. The first phase was necessary to develop a final cost estimate to facilitate pursuing additional funding required to complete all phases including construction.

Origin: End of life cycle

Budget Unit: Roads

Cost Estimate: \$35,582,665

Potential Funding Sources: Fund 213, Fund 214, and Economic Stimulus funds.

UF023 - Installation of Solar at City Facilities

Project Information

This project involves procurement and installation of solar panels at City owned facilities to offset the City's electricity consumption and reduce the greenhouse gas impacts.

Origin: Council Request

Budget Unit: Facilities

Cost Estimate:

Potential Funding Sources:

UF024 - All access weather roads

Project Information

The General Plan, Chapter 8 discusses improvement of open space management to reduce wildfire risks. There is a desire to have improved, all-weather access roads through open space to improve access to and from Hercules and El Sobrante to shorten response times and improve mutual aid.

Origin: General Plan

Budget Unit: Roads

Cost Estimate:

Potential Funding Sources:

UF025 - Faria House Renovations

Project Information

The City has discussed the use and economic viability of the Faria House. Significant renovations are required to utilize the property for any purpose. In 2019, the City awarded a contract to a consultant to prepare design and specifications. The scope of work includes development of drawings and schematics of interior improvements, specifications for bidding, an evaluation of the structural engineering for the installation of an elevator for ADA access, and mechanical, electrical, plumbing design as part of the schematics. The consultant will provide the City with improvement costs.

Origin: Council Request

Budget Unit: Facilities/Economic Development

Cost Estimate:

Potential Funding Sources: