



# Fact Sheets



Capital Investment Program

Fiscal Year 2024

July 1, 2023 - June 30, 2024





**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

Citywide

311- General Capital Improvement Fund

**Corp Yard Stormwater Pollution Prevention**

**Project # c601701**

**Project Description:**

The Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard identified storm water quality Best Management Practices (BMP's) and provides funding for implementation. Structural BMP's are required to capture oil and silt from the vehicle and material storage areas and improve drainage. Non-structural BMP's include additional sweeping, monitoring, and inspections.

**Project Benefit:**

Improves storm water quality discharge to receiving water and improves overall drainage for the Corporation Yard

**Project Location:**

Corp Yard, 1125 River Street



**Operating Budget Impact:**

Included in the Corp Yard operating budget

**Project Schedule:**

Summer 2024

**Project Contact Email:**

fwarren@santacruzca.gov

Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Budget	Estimated Actuals						

**Account # 311-40-00-9410-57311**

<b>Project Cost Estimate:</b>	168,995	471,505	200,000	200,000	-	-	-	-	200,000
<b>Project Funding Estimates:</b>									
From Water Fund	44,480	186,717	79,297	79,297	-	-	-	-	79,297
From Refuse Fund	98,965	165,856	70,269	70,296	-	-	-	-	70,296
From Equipment Fund	16,717	32,879	10,863	10,863	-	-	-	-	10,863
From Parking Fund	8,833	30,962	16,195	16,195	-	-	-	-	16,195
From General Fund	-	-	-	23,349	-	-	-	-	23,349
<b>Net Project Cost Estimates:</b>	-	55,091	23,376	-	-	-	-	-	-

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

Citywide

311- General Capital Improvement Fund

**Electric Vehicle Charging Station Expansion in Public City Parking Lots**

**Project # c402214**

**Project Description:**

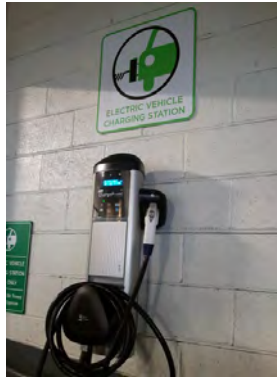
This project consists of development, design, and installation of networked level 2 electric vehicle charging stations and networked DC fast chargers and all associated infrastructure upgrades required at locations to be determined during development. The project will be consistent with the Climate Action Plan. As recommended by the recently completed Public Electric Vehicle Charging Needs and Use study and Electric Vehicles owner surveys, the project will provide an appropriate level of charging infrastructure for the anticipated increase in electric vehicles within and visiting Santa Cruz. This project is currently funded through grants and rebates.

**Project Benefit:**

Provides additional charging stations for the public and city fleet to use

**Project Location:**

Various public and Citywide facility locations



**Operating Budget Impact:**

Included in the Energy Efficiency operating budget

**Project Schedule:**

Installation ongoing as state grant funding and rebates become available

**Project Contact Email:**

fwarren@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						

**Account # 311-40-00-9410-57290**

<b>Project Cost Estimate:</b>	81,579	118,421	200,000	200,000	-	200,000	-	200,000	600,000
<b>Project Funding Estimates:</b>									
Local grant - MBUAPCD	-	200,000	200,000	-	-	-	-	-	-
State capital grants-CEC	-	-	-	160,000	-	160,000	-	160,000	480,000
<b>Net Project Cost Estimates:</b>	81,579	(81,579)	-	40,000	-	40,000	-	40,000	120,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

Citywide

311- General Capital Improvement Fund

**Public Facilities - Maintenance**

**Project # m609195**

**Project Description:**

Provides funding for remodeling and/or repairs to various public buildings including City Hall restrooms, and will be prioritized based on a facilities conditions assessment (c601302) that has been completed and approved by City Council. The City received a CEC loan, which funded approximately \$2.0 million in energy-saving projects allocated to many citywide projects and has almost entirely been expended. Additional general funds are needed for ongoing building maintenance.

**Project Benefit:**

Provides for maintenance of City facilities to keep them safe, energy efficient, accessible, and occupiable for employees and the public

**Project Location:**

Citywide



**Operating Budget Impact:**

Supplements to the operating budget needed to maintain existing facilities

**Project Schedule:**

Ongoing

**Project Contact Email:**

fwarren@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 311-40-00-9410-57290</b>									
<b>Project Cost Estimate:</b>	1,163,189	428,833	360,000	200,000	200,000	200,000	300,000	300,000	1,200,000
<b>Project Funding Estimates:</b>									
Loan proceeds	751,081	295,690	-	-	-	-	-	-	-
From General Fund	40,000	-	160,000	-	200,000	200,000	300,000	300,000	1,000,000
<b>Net Project Cost Estimate:</b>	372,109	133,143	200,000	200,000	-	-	-	-	200,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

Citywide

311- General Capital Improvement Fund

**SLR Mouth & Lagoon Mgmt Plan Devel.**

**Project # c601403**

**Project Description:**

Three-to-five year management program to address public and private infrastructure flooding that results from high waters on the San Lorenzo River during the summer months, while mitigating impacts to wildlife habitat.

**Project Benefit:**

Reduces flooding in Beach Flats and Lower Ocean neighborhoods in the dry saeson, protects lagoon habitat for fish species, and reduces breaching, which can be a public safety hazard

**Project Location:**

San Lorenzo Rivermouth



**Operating Budget Impact:**

Included in the stormwater operating budget

**Project Schedule:**

Summer/Fall 2024

**Project Contact Email:**

rhaley@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 311-40-00-9145-57106</b>									
<b>Project Cost Estimate:</b>	1,987,780	2,798,750	2,612,000	640,000	-	-	-	-	640,000
<b>Project Funding Estimates:</b>									
From Liability Insurance Fund	300,000	-	-	-	-	-	-	-	-
State capital grants-Dept of WT Resources	163,150	291,700	-	100,000	-	-	-	-	100,000
From General Fund Contributions - businesses	245,000	-	-	-	-	-	-	-	-
	70,000	-	-	15,000	-	-	-	-	15,000
State capital grants - CDFW	-	2,215,000	2,215,000	450,000	-	-	-	-	450,000
From Storm Water Fund	247,462	613,568	80,000	75,000	-	-	-	-	75,000
From Storm Water Overlay Fund	45,600	161,000	161,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	916,568	(482,518)	156,000	-	-	-	-	-	-

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

Citywide

311- General Capital Improvement Fund

**Space Utilization Plan for City Hall**

**Project # c101701**

**Project Description:**

Space Utilization Design for City Hall. Previous funding was committed to remodeling the Annex and relocating Current Planning, Code Enforcement, and Building downstairs and Future Planning and Housing upstairs, and ADA improvements to downstairs restroom and parking lot. Fiscal year 2024 provides funding to modifying the City Manager, City Clerk, and IT sections to improve space efficiency and meet ADA requirements.

**Project Benefit:**

Provides more efficient space for staffing needs in the City Manager, IT, and Clerk areas

**Project Location:**

City Hall, 809 Center Street, Rooms 9 and 10



**Operating Budget Impact:**

The maintenance is currently budgeted in operations

**Project Schedule:**

Fall/Winter 2024

**Project Contact Email:**

fwarren@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 311-10-11-9410-57203</b>									
<b>Project Cost Estimate:</b>	1,192,089	471,267	100,000	400,000	-	-	-	-	400,000
<b>Project Funding Estimates:</b>									
Loan proceeds	-	607,029	-	-	-	-	-	-	-
Federal Capital Grants - CEC	-	97,000	-	-	-	-	-	-	-
From City Public Trust Fund	448,162	170,162	100,000	400,000	-	-	-	-	400,000
<b>Net Project Cost Estimates:</b>	743,927	(402,924)	-	-	-	-	-	-	-











**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Parks and Recreation**

**311- General Capital Improvement Fund**

**DeLaveaga Golf Course Building Remodel**

**Project # c301801**

**Project Description:**

Structural repairs to the Golf Course Lodge, which includes the upstairs deck and stairways. The project implements an HiAP health and wellness goal and addresses deferred maintenance. It also implements part of the Parks Master Plan by prioritizing upgrading existing facilities and providing activities for all ages and abilities. Fiscal year 2024 funding covers replacement of roof on lodge, drainage upgrades to elevator shaft, and an extension of deck scuppers.

**Project Benefit:**

The project implements HiAP goals for health and wellness and addresses deferred maintenance. It also implements part of the Parks Master Plan by prioritizing upgrading existing facilities and providing activities for all ages and abilities.

**Project Location:**

DeLaveaga Golf Course Building



**Operating Budget Impact:**

**Project Schedule:**

**Project Contact Email:**

sgomez@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 311-30-41-9110-57203</b>									
<b>Project Cost Estimate:</b>	835,426	89,725	-	80,000	-	-	-	-	80,000
<b>Project Funding Estimates:</b>									
From General Fund	410,757	214,394	-	80,000	-	-	-	-	80,000
<b>Net Project Cost Estimates:</b>	424,669	(124,669)	-	-	-	-	-	-	-

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Parks and Recreation**

**311- General Capital Improvement Fund**

**DeLaveaga Park-Culvert Repair, Slope Stabilization, Drainage and Stormwater Runoff**

**Project # c302419**

**Project Description:**

Phase 1 includes hiring an engineering consultant to assess and develop plans to address numerous storm water runoff, slope stabilization, erosion control, and drainage issues with DeLaveaga Park, which have compromised roads, parking lots, and trails.

**Project Benefit:**

The project implements HiAP goals for health and wellness, healthy environments, and community connectedness as well as addresses storm damage. The project also implements part of the Parks Master Plan 2030 by protecting water bodies and maintaining a connected network of trails.

**Project Location:**

DeLaveaga Park



**Operating Budget Impact:**

**Project Schedule:**

FY2024-FY2025

**Project Contact Email:**

sgomez@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023			FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals							
<b>Account # 311-30-41-9120-57203</b>										
<b>Project Cost Estimate:</b>	-	-	-	175,000	125,000	-	-	-	-	300,000
<b>Project Funding Estimates:</b>										
None	-	-	-	-	-	-	-	-	-	-
From Parks and Rec Facilities Tax Fund	-	-	-	130,000	-	-	-	-	-	-
From General Fund	-	-	-	45,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	125,000	-	-	-	-	125,000













**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Parks and Recreation**

**311- General Capital Improvement Fund**

**Parks Facilities Security Improvements**

**Project # c302420**

**Project Description:**

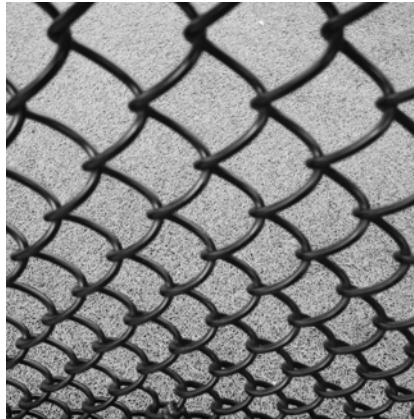
Implement the recommendations of the Physical Site Security Assessment of the Parks Yard by the City Risk Manager, by installing new fencing and access-control gates. Add alarms to unalarmed facilities in Neighborhood and Community Parks. Update access control at the Harvey West Clubhouse.

**Project Benefit:**

The project implements the HIAP for a safe and just Community. It increases the physical security of Parks facilities, leading to reduced expenditures for replacement of stolen or vandalized equipment and increasing employees' sense of safety.

**Project Location:**

Neighborhood and community parks; Harvey West Clubhouse



**Operating Budget Impact:**

**Project Schedule:**

FY2024-FY2025

**Project Contact Email:**

sgomez@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023			FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals							
<b>Account # 311-30-41-9120-57203</b>										
<b>Project Cost Estimate:</b>	-	-	-	143,000	110,000	-	-	-	-	253,000
<b>Project Funding Estimates:</b>										
From Parks and Rec Facilities Tax Fund	-	-	-	143,000	-	-	-	-	-	143,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	110,000	-	-	-	-	110,000









**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Parks and Recreation**

**311- General Capital Improvement Fund**

**Water Conservation & Irrigation System**

**Project # c302403**

**Project Description:**

Assess, design, and implement water conservation and irrigation system improvements, including an irrigation system layout for optimal distribution uniformity over a reduced footprint, enhanced water-catchment capability and capacity, and possible use of recycled water.

**Project Benefit:**

The project implements HiAP goals for health and wellness and healthy environments, as well as addresses deferred maintenance and increasing utility costs. The project also implements the Parks Master Plan 2030 recommendation to implement the Golf Course Master Plan in addition to a policy to reduce water consumption.

**Project Location:**

Neighborhood and community parks; golf course



**Operating Budget Impact:**

Reduction in water use costs, which are expected to rise by 10% annually for the next five years.

**Project Schedule:**

FY2024-FY2026

**Project Contact Email:**

mhicks@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 311-30-45-9110-57312</b>									
<b>Project Cost Estimate:</b>	-	-	-	150,000	200,000	-	-	-	350,000
<b>Project Funding Estimates:</b>									
From Parks and Rec	-	-	-	150,000	-	-	-	-	150,000
Facilities Tax Fund									
<b>Net Project Cost Estimate:</b>	-	-	-	-	200,000	-	-	-	200,000







**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**221- Gas Tax Fund**

**Branciforte Drive Retaining Wall Project**

**Project # c402211**

**Project Description:**

On Branciforte Drive, north of Goss, there is a 200-300 foot-long section where the concrete curb and gutter is pulling away from the asphalt. A geotechnical report recommends a retaining wall composed of drilled piers, soldier piles, and timber lagging. The estimated cost is \$75,000 for design and \$675,000 for construction.

**Project Benefit:**

Stabilizes the hillside and roadway along the 800 block of Branciforte Drive and improves safety

**Project Location:**

The 800 block of Branciforte Drive, north of Goss



**Operating Budget Impact:**

Included in Street Maintenance operating budget

**Project Schedule:**

FY2025

**Project Contact Email:**

[jspangrud@santacruzca.gov](mailto:jspangrud@santacruzca.gov)

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 221-40-64-9341-57304</b>									
<b>Project Cost Estimate:</b>	-	75,000	-	675,000	-	-	-	-	675,000
<b>Net Project Cost Estimates:</b>	-	75,000	-	675,000	-	-	-	-	675,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Public Works**

**221- Gas Tax Fund**

**Murray Street Bridge Seismic Retrofit**

**Project # c409321**

**Project Description:**

Seismic retrofit of existing bridge over the Harbor. The project concept has been approved by Council in the past and includes new railings, wider bike lanes and sidewalk, and street lighting. The relocation of harbor facilities and boat docks are required during construction as well as one-way traffic control on the bridge. Environmental review was completed, allowing the design, right-of-way and permits to proceed, which will be completed in 2023. Federal grant funds have been approved and the project is eligible for State Proposition 1B funds in lieu of a large local match. Construction has been delayed to address County Sanitation District changes to the force main under the harbor and is also contingent on permits. The budget will be increased as federal funds are appropriated.

**Project Benefit:**

Improves seismic stability of the bridge and provides improved bike and pedestrian facilities and more resilient utilities

**Project Location:**

Murray Street over the Santa Cruz Harbor



**Operating Budget Impact:**

Included in Street operating budget

**Project Schedule:**

FY2024 through FY2026

**Project Contact Email:**

jspangrud@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 221-40-62-9370-57310</b>									
<b>Project Cost Estimate:</b>	11,082,319	21,310,198	20,000,000	12,000,000	-	-	-	-	12,000,000
<b>Project Funding Estimates:</b>									
State capital grants	212,764	-	-	-	-	-	-	-	-
Federal capital grants	8,440,711	-	-	-	-	-	-	-	-
Local capital grants	310,000	-	-	-	-	-	-	-	-
Federal capital grants-HBRR	512,142	19,000,000	19,000,000	10,000,000	-	-	-	-	10,000,000
<b>Net Project Cost Estimates:</b>	1,606,702	2,310,198	1,000,000	2,000,000	-	-	-	-	2,000,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**221- Gas Tax Fund**

**Ocean/Water Intersection Improvements**

**Project # c401410**

**Project Description:**

This project is in the Citywide Cumulative Development Traffic Study and General Plan to address build out conditions. It is consistent with the Ocean Street Plan and includes the plan design elements. This project includes a second left-turn lane on Ocean southbound to Water, and a right-turn lane on Water eastbound, both which have been completed. The northwest corner will be modified to improve pedestrian and bike access and safety as has been done at the northwest and southwest corners.

**Project Benefit:**

Improves bicycle and pedestrian safety and access and facilitates turning movements onto northbound Ocean Street

**Operating Budget Impact:**

Included in Streets and Traffic Signal operating budget

**Project Schedule:**

FY2024-FY2025

**Project Contact Email:**

mlizarraga@santacruzca.gov

**Project Location:**

Northeast corner of Ocean-Water intersection



	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 221-40-64-9320-57304</b>									
<b>Project Cost Estimate:</b>	702,847	328,028	-	200,000	-	-	-	-	200,000
<b>Project Funding Estimates:</b>									
Donations-other	20,000	-	-	-	-	-	-	-	-
Capital contributions-devel	-	-	-	-	-	-	-	-	-
From Traffic Impact - Citywide	526,613	373,387	-	200,000	-	-	-	-	200,000
<b>Net Project Cost Estimates:</b>	156,233	(45,358)	-	-	-	-	-	-	-

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Public Works**

**235- Clean Rivers & Beaches Fund**

**Stormwater Trash Capture Program**

**Project # c401701**

**Project Description:**

The State Water Resources Control Board adopted an amendment to the Storm Water Quality Control (SWQC) Permit requiring the City to "capture all trash." The permit amendment requires the City to implement a program within 10 years. The funding will assist in developing the program and initial implementation. Design and install trash capture system on San Lorenzo River pump station #1.

**Project Benefit:**

Improves water quality and trash entering the environment and complies with state Water Resources Board Storm Water Quality permit

**Project Location:**

Citywide



**Operating Budget Impact:**

Maintenance is included the project

**Project Schedule:**

FY2025-FY2026

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023			FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals							
<b>Account # 235-40-60-9235-57311</b>										
<b>Project Cost Estimate:</b>	81,620	408,380	300,000	100,000	1,000,000	-	-	-	-	1,100,000
<b>Net Project Cost Estimates:</b>	81,620	408,380	300,000	100,000	1,000,000	-	-	-	-	1,100,000



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**311- General Capital Improvement Fund**

**CMP Storm Drain Pipe Replacement**

**Project # c401709**

**Project Description:**

Corrugated Metal Pipe (CMP) storm drain pipe has a useful life of approximately 50 years. There are several of these storm drains citywide where the pipe has corroded and collapsed, necessitating replacement with plastic pipe which has a longer useful life. Engineering and Operations staff identify the highest priority locations. The project includes West Cliff Drive CMP's.

**Project Benefit:**

Reduces flooding and damage to city and private infrastructure

**Project Location:**

Citywide



**Operating Budget Impact:**

Included in project

**Project Schedule:**

Ongoing

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	

**Account # 311-40-64-9340-57311**

<b>Project Cost Estimate:</b>	453,064	139,468	100,000	100,000	100,000	100,000	100,000	125,000	525,000
<b>Project Funding Estimates:</b>									
From Gas Tax Fund	402,504	142,421	100,000	100,000	100,000	100,000	100,000	125,000	525,000
<b>Net Project Cost Estimates:</b>	50,560	(2,953)	-	-	-	-	-	-	-





**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**311- General Capital Improvement Fund**

**MB Sanctuary Scenic Trail (Rail Trail) Segments 8 & 9**

**Project # c401804**

**Project Description:**

This ATP Cycle 3 project includes funding for the design and environmental review of the rail trail segments 8 & 9, between the Wharf Roundabout and 17th Avenue. The proposed 2.18-mile trail is within the City and County of Santa Cruz and will be a joint project for the purpose of this grant. A non-infrastructure component for safety, education and encouragement is included in the funding. The Land Trust of Santa Cruz County is providing the local match to the first ATP grant for environmental review and design. An ATP grant has been awarded for construction and is being matched by City, County and RTC Measure D funds.

**Project Benefit:**

Increases bike and pedestrian connectivity, mobility, and safety. Reduces greenhouse gas emissions. Advances goals in the Health in All Policies, Active Transportation Plan, and Climate Action Plan.

**Project Location:**

Adjacent to rail line from the Wharf Roundabout to 17th Avenue



**Operating Budget Impact:**

Maintenance is included in the Bike/Ped operating budget and shared with SCCRTC and funded through Measure D. The County will maintain its own portion.

**Project Schedule:**

FY2022-FY2027

**Project Contact Email:**

rvaldes@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023			FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals							
<b>Account # 311-40-64-9330-57307</b>										
<b>Project Cost Estimate:</b>	1,659,669	29,979,331	2,147,907	41,136,000	-	-	-	-	-	41,136,000
<b>Project Funding Estimates:</b>										
Local capital grant-SC County Land Trust	-	1,500,000	537,651	-	-	-	-	-	-	-
Federal capital grants-ATP	622,832	25,446,168	1,533,334	35,766,000	-	-	-	-	-	35,766,000
Local capital grants - SCCRTC Measure D	-	2,370,000	-	2,370,000	-	-	-	-	-	2,370,000
From 2016 Trnsp Measure D-City	-	1,700,000	-	1,500,000	-	-	-	-	-	1,500,000
Measure D-County	-	-	-	1,500,000	-	-	-	-	-	1,500,000
<b>Net Project Cost Estimates:</b>	1,036,837	(1,036,837)	76,922	-	-	-	-	-	-	-



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Public Works**

**311- General Capital Improvement Fund**

**Solar PV Expansion at Corp Yard**

**Project # c101901**

**Project Description:**

This project consists of designing and installing a 166kW photovoltaic system at the Corporation Yard. This project expands the existing 45kW solar PV system at the same location and the recent roofing improvement project was designed to accommodate the expansion. Most project costs were wrapped into a Power Purchase Agreement; however, there have been ancillary city costs. In addition, the project includes battery backup and chargers. The project is consistent with the Climate Action Plan.

**Project Benefit:**

Provides charging for additional small, medium and heavy-duty vehicles at the Corp Yard. Reduces greenhouse gas emissions and helps to meet increased EV requirements.

**Project Location:**

Corp Yard, 1125 River Street



**Operating Budget Impact:**

Maintenance is included in the Corp Yard operating budget. Charger electrical use will be offset by the solar system.

**Project Schedule:**

Ongoing

**Project Contact Email:**

fwarren@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 311-10-00-9410-57290</b>									
<b>Project Cost Estimate:</b>	-	431,866	200,000	300,000	300,000	300,000	300,000	300,000	1,500,000
<b>Project Funding Estimates:</b>									
From Water Fund	-	114,000	114,000	48,000	48,000	48,000	48,000	48,000	240,000
From Refuse Fund	-	185,250	185,250	76,500	76,500	76,500	76,500	76,500	382,500
From Parking Fund	-	28,500	28,500	10,500	10,500	10,500	10,500	10,500	52,500
From Equipment Fund	-	38,000	38,000	15,000	15,000	15,000	15,000	15,000	75,000
Miscellaneous operating revenue	-	-	-	-	-	-	-	-	-
Contributions - PG&E	-	66,116	-	-	-	-	-	-	-
Contributions MBARD, CEC	-	-	-	150,000	150,000	150,000	150,000	150,000	750,000
<b>Net Project Cost Estimates:</b>	-	-	(165,750)	-	-	-	-	-	-





**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Public Works**

**311- General Capital Improvement Fund**

**West Cliff Drive Stabilization**

**Project # c401501**

**Project Description:**

To prevent damage to the West Cliff path, roadway, and utilities, this project proposes to place additional engineered rock protection and infill walls in areas that have been damaged by King Tides and atmospheric rivers in recent years, as needed. With significant damages sustained from bomb cyclone events in Winter 2023, fiscal year 2024 priority locations for stabilization include the 900 and 1000 block of West Cliff Drive. Infill walls instead of rock protection are being considered along the areas opposite of 920, 932, 1016, and 1030 West Cliff Drive as they may be a more cost-effective and robust solution, while making it easier for a potential future connection to a larger Mitchell's Cove Seawall. These and other areas are identified in the West Cliff Drive Adaptation and Management Plan (2021). In addition to General Fund, the City seeks grant funds from several sources to support this project, including but not limited to FHWA, FEMA, CalOES, and the Division of Boating of Waterways.

**Project Benefit:**

Reduces erosion of West Cliff Drive, path and utilities and provides for public use.

**Project Location:**

West Cliff Drive



**Operating Budget Impact:**

Included in project budget

**Project Schedule:**

Ongoing

**Project Contact Email:**

[jspangrud@santacruzca.gov](mailto:jspangrud@santacruzca.gov)

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 311-40-62-9330-57307</b>									
<b>Project Cost Estimate:</b>	524,880	2,154,120	48,000	6,555,800	250,000	250,000	250,000	250,000	7,555,800
<b>Project Funding Estimates:</b>									
From Liability Insurance Fund	75,000	-	-	-	-	-	-	-	-
From General Fund	97,481	152,519	48,000	-	250,000	250,000	250,000	250,000	1,000,000
Federal capital grants - FHWA	-	1,500,000	-	4,233,800	-	-	-	-	4,233,800
State - FEMA disaster relief	-	-	-	1,330,000	-	-	-	-	1,330,000
From GF CIP Reserve	-	500,000	-	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	352,400	1,601	-	992,000	-	-	-	-	992,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**317- Arterial Streets and Roads Fund**

**City Arterial and Collector Street Reconstruction and Overlay**

**Project Description:**

**Project # c400809**

Project includes pavement reconstruction, overlay, cape and slurry seal, and asphalt grinding of city arterial and collector streets for maintenance and reconditioning, largely funded by Measure H. Projects are selected based on the city's pavement management computerized system and in coordination with other utilities and transportation projects. Gas tax available for paving is estimated at \$800,000 per year due to SB1 approval. Grants are not currently reflected in the project estimate, but play an important role in meeting program goals. The grants are estimated federal transportation funds that are applied for when available. Approximately \$4.0 million is needed annually to maintain city streets satisfactorily.

**Project Benefit:**

Maintenance of the steets in the City reduces damages to vehicles as well as improves the way the roads look

**Project Location:**

All streets witin the City limits

**Operating Budget Impact:**

There is no operating impact to the budget. All maintenance is paid from the project and its funding sources.

**Project Schedule:**

Continuous

**Project Contact Email:**

[jspangrud@santacruzca.gov](mailto:jspangrud@santacruzca.gov)

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 317-40-64-9311-57304</b>									
<b>Project Cost Estimate:</b>	23,378,451	8,765,722	2,350,000	2,600,000	3,000,000	3,000,000	3,000,000	3,000,000	14,600,000
<b>Project Funding Estimates:</b>									
From Wastewater Fund	95,710	-	-	-	-	-	-	-	-
From Gas Tax Fund	6,477,637	1,813,041	1,813,041	800,000	800,000	800,000	800,000	800,000	4,000,000
Other local revenues	23,814	-	-	-	-	-	-	-	-
State capital grants	925,701	1,500,000	-	-	-	-	-	-	-
From Traffic Congestion Relief Fund	402,257	-	-	-	-	-	-	-	-
Fed grants - ARRA	753,076	-	-	-	-	-	-	-	-
From General Fund	1,100,000	-	-	-	-	-	-	-	-
Loan proceeds	1,962,217	-	-	-	-	-	-	-	-
State grants-RXTPX Funds	2,264,832	685,168	685,168	-	-	-	-	-	-
From 2016 Trnsp Measure D-City	715,720	650,000	650,000	600,000	700,000	700,000	700,000	700,000	3,400,000
State grants - TDA	25,208	-	-	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	<b>8,632,279</b>	<b>4,117,513</b>	<b>(798,209)</b>	<b>1,200,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,200,000</b>





**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**721- Wastewater Enterprise Fund**

**City WWTF Headworks Replacement**

**Project # c402204**

**Project Description:**

Replace and refurbish several components of the City headworks at the Wastewater Treatment Facility (WWTF) including concrete channels and slide gates.

**Project Benefit:**

**Project Location:**



**Operating Budget Impact:**

**Project Schedule:**

**Project Contact Email:**

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 721-40-62-7252-57301</b>									
<b>Project Cost Estimate:</b>	-	2,800,000	1,000,000	9,000,000	-	-	-	-	9,000,000
<b>Net Project Cost Estimates:</b>	-	2,800,000	1,000,000	9,000,000	-	-	-	-	9,000,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**721- Wastewater Enterprise Fund**

**Laurent Street Sewer**

**Project # c401809**

**Project Description:**

The existing sewer line was constructed in 1926 and is in need of replacement. Project includes the design and construction of 1,000-lineal feet of new sewer line, reconnecting laterals and rebuilding manholes.

**Project Benefit:**

Reduces future wastewater failure and impact on residential neighborhoods

**Operating Budget Impact:**

Included in project and reduces future calls for service

**Project Schedule:**

FY2024

**Project Contact Email:**

kstewart@santacruzca.gov

**Project Location:**

Laurent Street



	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 721-40-62-7259-57301</b>									
<b>Project Cost Estimate:</b>	12	249,988		250,000	-	-	-	-	250,000
<b>Net Project Cost Estimates:</b>	12	249,988		250,000	-	-	-	-	250,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**721- Wastewater Enterprise Fund**

**Neary Lagoon Park Rehab-Maint. (Annual)**

**Project # m409668**

**Project Description:**

Rehabilitation and improvements to boardwalks, pathways, restrooms, parks building, and natural areas. Removal of tules and sediment as required to maintain open waterways. Improvements are based on the approved Neary Lagoon Management Plan and various studies. County Sanitation District (SCCSD) pays 8/17 of the cost based on wastewater treatment facility capacity dedicated to County and environmental mitigation requirements of the secondary treatment facility.

**Project Benefit:**

**Project Location:**



**Operating Budget Impact:**

**Project Schedule:**

**Project Contact Email:**

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	

**Account # 721-40-62-7259-57312**

<b>Project Cost Estimate:</b>	3,489,942	955,930	380,000	430,000	250,000	250,000	250,000	250,000	1,430,000
<b>Project Funding Estimates:</b>									
Local capital grants	1,788,067	164,706	164,706	202,353	117,647	117,647	117,647	117,647	672,941
State capital grants	-	200,000	-	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	1,701,875	591,224	215,294	227,647	132,353	132,353	132,353	132,353	757,059

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**721- Wastewater Enterprise Fund**

**Pelton Ave Pump Station Generator**

**Project # c402104**

**Project Description:**

Install new emergency generator at the existing sanitary sewer pump station.

**Project Benefit:**

Reduces sewer overflows during emergencies and protects the neighborhood and Lighthouse Field

**Project Location:**

Pelton Avenue



**Operating Budget Impact:**

Included in project and reduces future calls for service

**Project Schedule:**

FY2024

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 721-40-62-7259-57312</b>									
<b>Project Cost Estimate:</b>	61,059	18,941	-	30,000	-	-	-	-	30,000
<b>Net Project Cost Estimates:</b>	61,059	18,941	-	30,000	-	-	-	-	30,000



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**721- Wastewater Enterprise Fund**

**WWTF Infra. and Major Equip Study**

**Project # c401706**

**Project Description:**

Implement recommendations of the Wastewater Treatment Facility (WWTF) Infrastructure and Major equipment Study, which prioritizes equipment replacement and upgrades. County Sanitation District (SCCSD) pays 8/17 of cost based on wastewater treatment capacity dedicated to County.

**Project Benefit:**

Reduces future failure of critical wastewater infrastructure

**Project Location:**

Wastewater Treatment Facility



**Operating Budget Impact:**

Reduces future maintenance needs

**Project Schedule:**

Ongoing

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	

**Account # 721-40-62-7252-57301**

<b>Project Cost Estimate:</b>	1,140,578	5,808,922	2,000,000	3,000,000	3,000,000	4,000,000	4,000,000	4,000,000	18,000,000
<b>Project Funding Estimates:</b>									
Local capital grants	593,316	2,727,407	941,176	1,411,765	1,411,765	1,882,353	1,882,353	1,882,353	8,470,589
<b>Net Project Cost Estimate:</b>	547,261	3,081,516	1,058,824	1,588,235	1,588,235	2,117,647	2,117,647	2,117,647	9,529,411

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Public Works**

**721- Wastewater Enterprise Fund**

**WWTF-Electrical System**

**Project # c401405**

**Project Description:**

The 21kV electrical system feed powers the entire treatment plant. Replacement of critical components, which includes the main switchgear, cabling, and transformer, are needed as they reach the end of their useful life as experienced by reliability and performance issues. The County Sanitation District (SCCSD) pays 8/17 of the cost based on the wastewater treatment capacity dedicated to the County.

**Project Benefit:**

Reduces future failure of critical wastewater infrastructure

**Operating Budget Impact:**

Reduces future maintenance needs

**Project Schedule:**

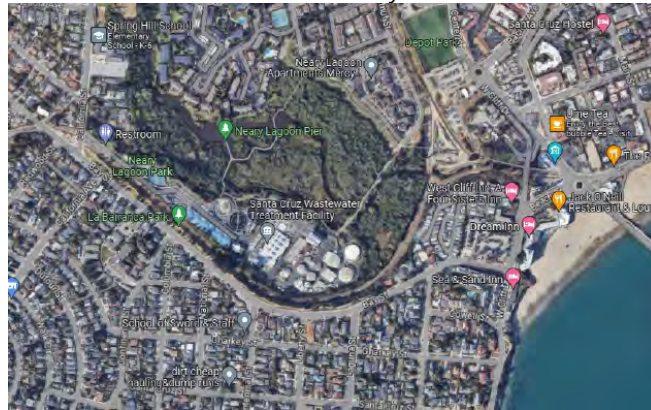
FY2027

**Project Contact Email:**

kstewart@santacruzca.gov

**Project Location:**

Wastewater Treatment Facility



	Prior Year	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	

**Account # 721-40-65-7252-57301**

<b>Project Cost Estimate:</b>	243,259	3,756,741	350,000	2,000,000	2,000,000	40,000,000	-	-	44,000,000
<b>Project Funding Estimates:</b>									
Local capital grants	114,475	1,767,877	164,706	941,176	941,176	18,823,529	-	-	20,705,881
<b>Net Project Cost Estimates:</b>	128,784	1,988,864	185,294	1,058,824	1,058,824	21,176,471	-	-	23,294,119





**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**731- Refuse Enterprise Fund**

**Food Waste Pre-processing System Improvement Project**

**Project # c402401**

**Project Description:**

Design and installation of a removeable cover to protect equipment from rain. Installation of additional storage tanks for food waste slurry.

**Project Benefit:**

Improves staff and equipment protection, reducing potential for injury, and extends life of equipment and efficiency of system

**Project Location:**

Santa Cruz Resource Recovery Facility at Dimeo Lane



**Operating Budget Impact:**

Included in Refuse operating budget

**Project Schedule:**

Fall 2024

**Project Contact Email:**

hyu@santacruzca.gov

Prior Year	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Budget	Estimated Actuals						
Totals								

**Account # 731-40-61-7352-57308**

<b>Project Cost Estimate:</b>	-	-	-	100,000	-	-	-	-	100,000
<b>Net Project Cost Estimates:</b>	-	-	-	100,000	-	-	-	-	100,000



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**741- Parking Enterprise Fund**

**Downtown Bike Locker Replacement Program**

**Project # c401812**

**Project Description:**

This program will replace 20+ year old Bike Lockers located in Downtown Lots and Garages. In Year 1, underutilized lockers will be removed. The City currently has 98 functioning bike lockers. This program includes replacement of 62 lockers at the highest-use locations.

**Project Benefit:**

Improves security for people parking bikes in the downtown area

**Project Location:**

Parking District



**Operating Budget Impact:**

Included in Parking District operating budget

**Project Schedule:**

FY2024

**Project Contact Email:**

cgallogly@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023			FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals							
<b>Account # 741-40-64-7459-57307</b>										
<b>Project Cost Estimate:</b>	142,829	132,171	100,000	100,000	-	-	-	-	-	100,000
<b>Project Funding Estimates:</b>										
From 2016 Trnsp Measure D-City	118,079	31,921	50,000	50,000	-	-	-	-	-	50,000
<b>Net Project Cost Estimates:</b>	24,749	100,251	50,000	50,000	-	-	-	-	-	50,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**751- Storm Water Enterprise Fund**

**Branciforte Creek Channel Repair and Maintenance**

**Project # c401313**

**Project Description:**

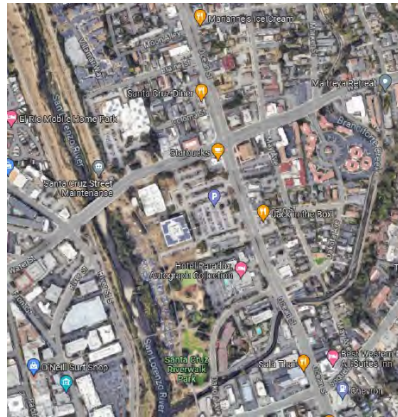
A Channel Condition Assessment report by MTC was completed in 2008. The report identifies deferred maintenance which include epoxy repairs of channel wall cracks, fish passage channel improvements, inlet pipe lining and spot repairs, fence repair, and debris and sediment removal. Some of the maintenance deficiencies have also been noted by the Army Corps of Engineers. A grant has not yet been applied for.

**Project Benefit:**

Reduces future flooding risk to residents and businesses and improves fish habitat

**Project Location:**

Branciforte Creek Channel, from Market Street to the SLR



**Operating Budget Impact:**

Included in project cost and should reduce future maintenance costs

**Project Schedule:**

FY2026-FY2027; contingent on grant approval

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						

**Account # 751-40-60-7501-57311**

<b>Project Cost Estimate:</b>	137,125	417,997	40,000	40,000	40,000	3,000,000	40,000	40,000	3,160,000
<b>Project Funding Estimates:</b>									
State capital grants	-	-	-	-	-	2,400,000	-	-	2,400,000
<b>Net Project Cost Estimate:</b>	137,125	417,997	40,000	40,000	40,000	600,000	40,000	40,000	760,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Public Works**

**752- Storm Water Overlay Enterprise  
Fund**

**Downtown SLR Drainage System Assessment**

**Project # c401707**

**Project Description:**

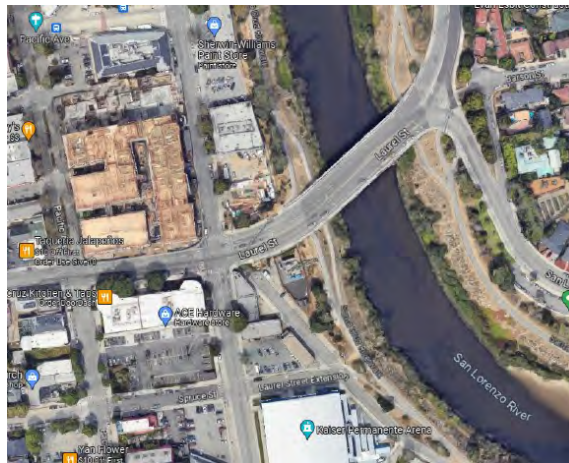
Assess drainage system tributary to San Lorenzo River. Assessment will include a detailed analysis of Pump Station No. 1, design and construction of Pump Station No. 1 modifications, feasibility of an additional pump station at Soquel Avenue to alleviate existing significantly undersized storm drain pipes, and design and construction of the pump station at Soquel Avenue. A Federal Emergency Management Building Resilient Infrastructure and Communities (FEMA BRIC) grant has been applied for. Local match will be funded by a Prepare California Match and Infrastructure and Infill Grant (IIG) Program (CA HCD).

**Project Benefit:**

Reduces flooding potential in the downtown area and improves water quality with trash capture system

**Project Location:**

San Lorenzo River Levee at Laurel Street



**Operating Budget Impact:**

Included in project. Future maintenance will be reduced with system upgrade. Included in stormwater operating budget.

**Project Schedule:**

FY2027-FY2028

**Project Contact Email:**

kstewart@santacruzca.gov

Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Budget	Estimated Actuals						

**Account # 752-40-61-7552-57311**

<b>Project Cost Estimate:</b>	199,093	2,230,907	-	15,000,000	-	-	-	-	15,000,000
<b>Project Funding Estimates:</b>									
Federal capital grants	-	-	-	10,500,000	-	-	-	-	10,500,000
OES disaster relief	-	-	-	2,250,000	-	-	-	-	2,250,000
State capital grants - IIG	-	-	-	2,250,000	-	-	-	-	2,250,000
<b>Net Project Cost Estimate:</b>	199,093	2,230,907	-	-	-	-	-	-	-

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Public Works**

**752- Storm Water Overlay Enterprise  
Fund**

**San Lorenzo River Levee Storm Drain Maintenance**

**Project # c401314**

**Project Description:**

The storm drain system for the levee system was primarily constructed in the 1950's with the levees. It is evident from some preliminary inspection that the system requires additional and significant repair and maintenance. This project provides ongoing funding to address deficiencies. Install new emergency generator at Pump Station No. 3 in fiscal year 2023.

**Project Benefit:**

Reduce potential flooding including during power outages

**Project Location:**

San Lorenzo River Levee



**Operating Budget Impact:**

Included in project budget

**Project Schedule:**

Ongoing

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior Year	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 752-40-61-7552-57311</b>									
<b>Project Cost Estimate:</b>	318,818	271,182	200,000	80,000	80,000	80,000	80,000	200,000	520,000
<b>Net Project Cost Estimates:</b>	318,818	271,182	200,000	80,000	80,000	80,000	80,000	200,000	520,000

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water**

**711- Water & Water System**  
**Development Enterprise Fund**

**ASR - Mid County Existing Infrastructure**

**Project # c702101**

**Project Description:**

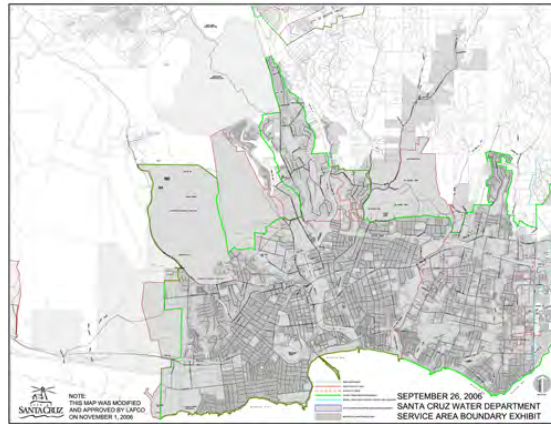
Implement Aquifer Storage and Recovery (ASR) in the Mid County Groundwater Basin per the recommendations of the Water Supply Advisory Committee. This project looks specifically at the use of existing infrastructure in the Mid County Basin. Work includes design, construction and conversion of existing wells to permanent ASR wells.

**Project Benefit:**

Provides additional potable water to City and other partners, addressing part of, or all, water supply deficiencies

**Project Location:**

City water service area and Santa Cruz Mid-County Groundwater Basin



**Operating Budget Impact:**

Costs will be associated with the ongoing operation of four ASR wells

**Project Schedule:**

Construction: 11/2023 - 06/2027

**Project Contact Email:**

lvandermaaten@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7153-57302</b>									
<b>Project Cost Estimate:</b>	383,887	2,283,452	488,445	3,760,000	6,773,007	52,644	-	-	10,585,651
<b>Project Funding Estimates:</b>									
Local Operating	-	-	-	330,000	660,000	660,000	-	-	1,650,000
Grants & Contrib									
<b>Net Project Cost Estimate:</b>	383,887	2,283,452	488,445	3,430,000	6,113,007	(607,356)	-	-	8,935,651



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**ASR - Mid County New Wells**

**Project # c702102**

**Project Description:**

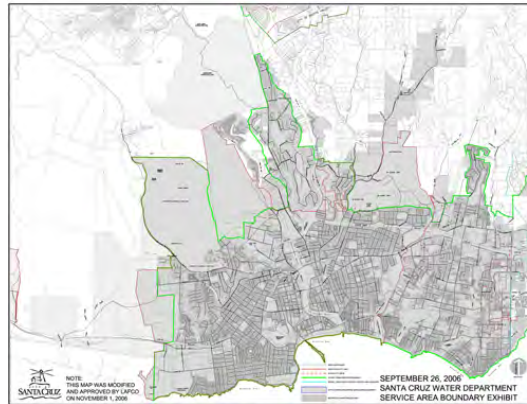
Implement Aquifer Storage and Recover (ASR) in the Mid County Groundwater Basin per the recommendations of the Water Supply Advisory Committee. This project looks specifically at the use of new infrastructure in the Mid-County Basin.

**Project Benefit:**

Provides additional potable water to City and other partners, addressing part of, or all, water supply deficiencies

**Project Location:**

City water service area and Santa Cruz Mid-County Groundwater Basin



**Operating Budget Impact:**

Costs will be associated with the ongoing operation of ASR wells

**Project Schedule:**

Construction: 11/2023 - 06/2027

**Project Contact Email:**

lvandermaaten@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 711-70-91-7153-57302</b>									
<b>Project Cost Estimate:</b>	-	264,541	-	735,939	3,879,829	3,973,171	2,479,174	2,565,960	13,634,073
<b>Net Project Cost Estimates:</b>	-	264,541	-	735,939	3,879,829	3,973,171	2,479,174	2,565,960	13,634,073

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water** **711- Water & Water System**  
**Development Enterprise Fund**

**ASR - Santa Margarita Groundwater Basin**

**Project # c702103**

**Project Description:**

Evaluate the feasibility of Aquifer Storage and Recover (ASR) in the Santa Margarita Groundwater Basin per the recommendations of the Water Supply Advisory Committee. This project looks specifically at the use of new property, and infrastructure (wells, pipelines, etc.) in the Santa Margarita Basin.

**Project Benefit:**

Provides additional potable water to City and other partners, addressing part of, or all, water supply deficiencies

**Project Location:**

Santa Margarita Groundwater Basin



**Operating Budget Impact:**

**Project Schedule:**

Construction: 11/2023 - 06/2027

**Project Contact Email:**

hluckenbach@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 711-70-91-7153-57302</b>									
<b>Project Cost Estimate:</b>	-	201,306	100,000	6,854	58,324	30,329	-	-	95,507
<b>Net Project Cost Estimates:</b>	-	201,306	100,000	6,854	58,324	30,329	-	-	95,507

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**ASR Planning**

**Project # c701609**

**Project Description:**

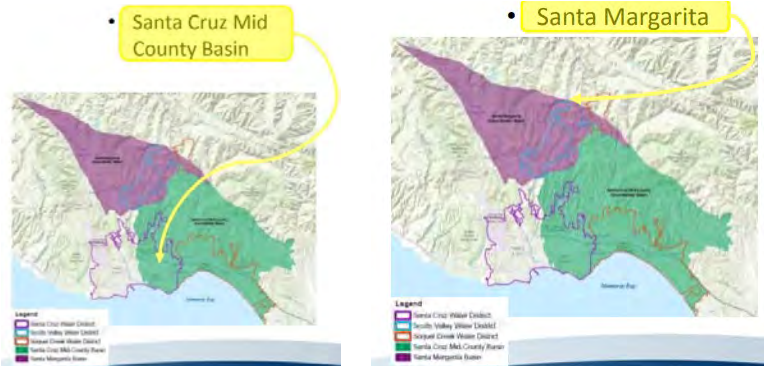
Evaluate the feasibility of Aquifer Storage and Recovery (ASR) in the Mid County Groundwater Basins per the recommendations of the Water Supply Advisory Committee. Project would potentially provide additional potable water to City and other agency customers, addressing part or all of water supply deficiencies. Project requires feasibility studies, design, permitting, and construction of infrastructure improvements. Funds in fiscal year 2024 will include ongoing groundwater modeling, hydraulic modeling, and property investigations.

**Project Benefit:**

ASR would potentially provide additional potable water to City and other partners, potentially addressing part or all of water supply deficiencies.

**Project Location:**

City water service area, Santa Cruz Mid-County and Santa Margarita groundwater basins



**Operating Budget Impact:**

Not applicable

**Project Schedule:**

Through December 2024

**Project Contact Email:**

hluckenbach@santacruzca.gov

Prior Year Totals	Fiscal Year 2023								Total 2024-2028
	Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate		

**Account # 711-70-91-7153-57302**

<b>Project Cost Estimate:</b>	2,845,954	1,941,243	469,241	676,914	-	-	-	-	676,914
<b>Net Project Cost Estimates:</b>	2,845,954	1,941,243	469,241	676,914	-	-	-	-	676,914

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**Beltz 12 Ammonia Removal**

**Project # c702203**

**Project Description:**

Ammonia and hydrogen sulfide were detected in raw groundwater at Beltz 12 well leading to a decrease in production to maintain water quality and reliability goals. This project will increase the capacity of the sodium hypochlorite generation system and install a contact vessel to remove ammonia and hydrogen sulfide at Beltz 12 well.

**Project Benefit:**

Adds the ability to treat and remove ammonia and hydrogen sulfide from groundwater, which restores the reliable operation of the treatment facility through drier seasons

**Project Location:**

2750 Research Park Drive, Santa Cruz



**Operating Budget Impact:**

Operating costs are expected to increase slightly due to increased chemical usage

**Project Schedule:**

Construction: 03/2023 - 08/2025

**Project Contact Email:**

mzeman@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	

**Account # 711-70-91-7152-57302**

<b>Project Cost Estimate:</b>	177,281	1,738,537	266,948	374,088	-	-	-	-	374,088
<b>Net Project Cost Estimates:</b>	177,281	1,738,537	266,948	374,088	-	-	-	-	374,088

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**Beltz WTP Upgrades**

**Project # c702305**

**Project Description:**

Many components of the Beltz Water Treatment Plant are reaching the end of their design life. This project will modernize the current facility to meet existing and future water quality and reliability goals, and incorporate the treatment of native groundwater as well as ASR water. Preliminary planning and conceptual design will begin in early 2023.

**Project Benefit:**

Restores the capability of this treatment plant to reliably treat groundwater and other upgrades to process injected ASR water

**Project Location:**

Roland Drive, Santa Cruz



**Operating Budget Impact:**

A reduction in future repairs are expected. Operating operating costs are expected to increase due to new capabilities added to the facility.

**Project Schedule:**

Construction: 03/2025 - 01/2026

**Project Contact Email:**

mzeman@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-5151-57302</b>									
<b>Project Cost Estimate:</b>	-	-	476,894	912,378	3,900,090	12,226,946	124,572	-	17,163,986
<b>Net Project Cost Estimates:</b>	-	-	476,894	912,378	3,900,090	12,226,946	124,572	-	17,163,986

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water** **711- Water & Water System**  
**Development Enterprise Fund**

**Brackney Landslide Area Pipeline Risk Reduction**

**Project # c702002**

**Project Description:**

The Newell Creek Pipeline in the Brackney landslide area is susceptible to damage from repeated landslides. This project will relocate approximately 2,250 feet of the pipeline to increase pipeline resiliency and the reliability of supply from Loch Lomond. This project is a continuation of work and supersedes c701803-Brackney Landslide Risk Reduction.

**Project Benefit:**

Improves resiliency of this critical water supply transmission pipeline

**Project Location:**

Ben Lomond, CA



**Operating Budget Impact:**

Reduced costs for future repairs expected

**Project Schedule:**

Construction: 03/2024 - 04/2026

**Project Contact Email:**

lkay@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 711-70-91-7153-57302</b>									
<b>Project Cost Estimate:</b>	1,604,376	2,185,801	572,367	2,115,516	8,404,931	53,276	-	-	10,573,723
<b>Project Funding Estimates:</b>									
FEMA - HMGP	543,002	60,664	530,076	1,308,995	2,549,084	-	-	-	3,858,079
<b>Net Project Cost Estimates:</b>	1,061,375	2,125,137	42,291	806,521	5,855,847	53,276	-	-	6,715,644

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**Branciforte Streambank Restoration**

**Project # c702304**

**Project Description:**

Restoration of, and improvements to, erosion protection to the Branciforte Drive bridge abutment and Branciforte Drive.

**Project Benefit:**

Restores the banks of Branciforte Creek and provides additional physical support to the City water mains at the project location. The project also improves the land for mitigation efforts on discharge of sediment and treated water to Branciforte Creek.

**Project Location:**

Branciforte Drive, Santa Cruz



**Operating Budget Impact:**

Reduction in future leaks to water mains due to improved abutment

**Project Schedule:**

Construction: 07/2023 - 09/2023

**Project Contact Email:**

[jmckinney@santacruzca.gov](mailto:jmckinney@santacruzca.gov)

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7159-57302</b>									
<b>Project Cost Estimate:</b>	-	62,000	287,676	591,502	-	-	-	-	591,502
<b>Net Project Cost Estimates:</b>	-	62,000	287,676	591,502	-	-	-	-	591,502

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water** **711- Water & Water System**  
**Development Enterprise Fund**

**Distribution System Water Quality Improvements**

**Project # c702001**

**Project Description:**

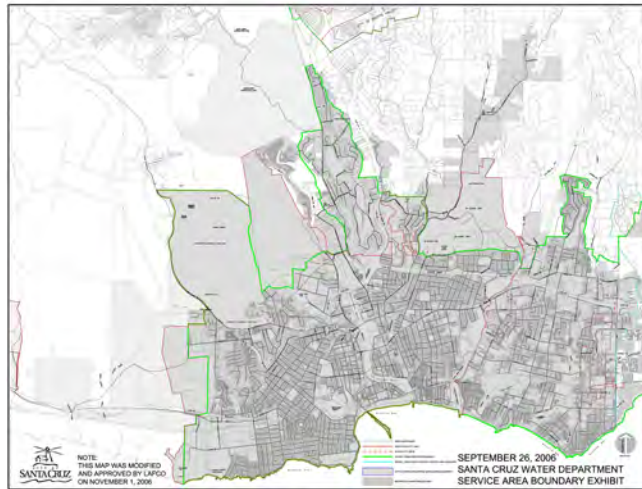
Certain zones of the water distribution system have the potential to experience elevated water age and low chlorine residuals. This project will identify infrastructure improvements (tank aerators) to improve water turnover, enhance water quality, reduce water waste, and improve operations efficiency.

**Project Benefit:**

Reduces time that treated water stays in the system, enhances water quality, reduces water waste, and improves operations efficiency

**Project Location:**

Various areas with the distribution system



**Operating Budget Impact:**

Potential savings through reduction in staff response time to perform flushing and other water quality maintenance activities

**Project Schedule:**

Ongoing, evaluated annually

**Project Contact Email:**

kcrossley@santacruz.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7151-57302</b>									
<b>Project Cost Estimate:</b>	33,725	73,701	9,097	11,292	-	-	-	-	11,292
<b>Net Project Cost Estimates:</b>	33,725	73,701	9,097	11,292	-	-	-	-	11,292



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**Facility & Infrastructure Improvements**

**Project # c701907**

**Project Description:**

This project serves as a programmatic project to reserve budget for minor system issues that may not be defined or scoped by longer range planning documents, facility master plans, or condition assessments. When minor system issues are identified and sufficiently defined, a new CIP project is created and budget is reallocated. Examples of these projects include pressure regulator upgrades, backup power systems, and radio replacements.

**Project Benefit:**

Provides a budget placeholder for small but critical projects, which ensures long-term budgeting is inclusive and complete

**Project Location:**



**Operating Budget Impact:**

**Project Schedule:**

Continuous

**Project Contact Email:**

kcrossley@santacruz.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7159-57302</b>									
<b>Project Cost Estimate:</b>	8,753	349,247	5,000	161,753	472,441	491,341	510,993	528,881	2,165,409
<b>Net Project Cost Estimates:</b>	8,753	349,247	5,000	161,753	472,441	491,341	510,993	528,881	2,165,409

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**GHWTP CC Tanks Replacement**

**Project # c701501**

**Project Description:**

Infrastructure improvements to the Graham Hill Water Treatment Plant are necessary to meet regulatory requirements, improve operations, and increase overall reliability. This project will improve the seismic resiliency of key process tanks, improve water quality, and enhance treatment residuals management. Construction for the replacement of the Filtered Water Tank, Wash Water Reclamation Tank, and Solids Storage Tank began in 2021. This project is financed with low-interest loans through the State Revolving Fund (SRF) Loan Program.

**Project Benefit:**

Replaces existing tanks and pumps with new equipment which will extend the useful life of the treatment plant and allow more efficient handling of treatment residuals as well as lower byproducts from the disinfection stage of the treatment process

**Project Location:**

Graham Hill Water Treatment Plant, Santa Cruz



**Operating Budget Impact:**

Maintenance costs are expected to decrease due to a robust design with redundant features. Energy costs are expected to increase due to additional capabilities of the new facilities.

**Project Schedule:**

Construction: 02/2021 - 11/2024

**Project Contact Email:**

mzeman@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7152-57302</b>									
<b>Project Cost Estimate:</b>	16,663,399	15,219,738	12,642,403	10,146,130	5,734,682	81,504	-	-	15,962,316
<b>Net Project Cost Estimates:</b>	16,663,399	15,219,738	12,642,403	10,146,130	5,734,682	81,504	-	-	15,962,316

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**GHWTP Facilities Improvement Project**

**Project # c700025**

**Project Description:**

The Graham Hill Water Treatment Plant was commissioned in 1960. Various components of the facility are reaching the end of their useful life; the project includes treatment process upgrades and structural, infrastructure and site improvements, to improve reliability. The project design-build team will complete the design phase in 2024 with a subsequent construction duration from 2024 through 2027. This project is expected to be financed with low-interest loans through the State Revolving Fund (SRF) Loan Program and the United States Environmental Protection Agency's Water Infrastructure Finance and Innovation Act (WIFIA).

**Project Benefit:**

Provides a modernized water treatment plant to improve reliability, meets current and future water quality goals and regulations, addresses changing source water quality and emerging contaminant concerns, and supports the City's Water Supply Augmentation Strategy

**Project Location:**

Graham Hill Water Treatment Plant, Santa Cruz



**Operating Budget Impact:**

Maintenance costs will initially decrease due to new equipment and different processes. Energy and chemical costs are expected to increase due to the new capabilities.

**Project Schedule:**

Construction: 11/2024 - 05/2028

**Project Contact Email:**

mzeman@santacruzca.gov

Prior Year Totals	Fiscal Year 2023								Total 2024-2028
	Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate		

**Account # 711-70-91-7152-57302**

<b>Project Cost Estimate:</b>	9,852,383	5,478,944	5,738,103	4,320,000	24,969,029	36,870,764	38,159,667	36,814,130	141,133,590
<b>Net Project Cost Estimates:</b>	9,852,383	5,478,944	5,738,103	4,320,000	24,969,029	36,870,764	38,159,667	36,814,130	141,133,590

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**GHWTP Gate Entrance Upgrades**

**Project # c702109**

**Project Description:**

The entrance upgrades are a phased project to address safety, security, and access issues at the GHWTP. As part of the initial phase of work, the entrance roadway was widened to a two-lane, two-way road with lane markings. The existing gate was replaced with two separate gates to allow for simultaneous entering and exiting traffic. The existing access control system and cameras were relocated. Work continues with PG&E and AT&T to relocate a power pole currently located close to the new driveway.

**Project Benefit:**

The Creates a safer ingress/egress to the driveway of the plant

**Project Location:**

Graham Hill Water Treatment Plant, Santa Cruz



**Operating Budget Impact:**

No change in operating costs is expected

**Project Schedule:**

Schedule under development

**Project Contact Email:**

nhaley@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7153-57302</b>									
<b>Project Cost Estimate:</b>	878,212	24,855	102,355	4,692	-	-	-	-	4,692
<b>Net Project Cost Estimates:</b>	878,212	24,855	102,355	4,692	-	-	-	-	4,692

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**GHWTP SCADA Radio System Replacement**

**Project # c702201**

**Project Description:**

This project will replace radio equipment used to transmit and receive information between the Graham Hill Water Treatment Plant (GHWTP) and remote sites. The existing radio infrastructure is no longer supported and the sole manufacturer is no longer in business. The scope of this project involves approximately 30 remote water site locations and the replacement and programming of base radio equipment located at the GHWTP.

**Project Benefit:**

Ensures that critical information on water facilities continues to be transmitted to maintain the operation of the treatment plant and delivery of water to the community

**Project Location:**

Various remote sites within the distribution system



**Operating Budget Impact:**

No change in operating costs is expected

**Project Schedule:**

Schedule: 08/2023 - 06/2024

**Project Contact Email:**

tmckinney@santacruzca.gov

Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Budget	Estimated Actuals						

**Account # 711-70-95-7152-57302**

<b>Project Cost Estimate:</b>	-	240,000	150,000	7,344	-	-	-	-	7,344
<b>Net Project Cost Estimates:</b>	-	240,000	150,000	7,344	-	-	-	-	7,344

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water** **711- Water & Water System**  
**Development Enterprise Fund**

**Intertie 1 - Santa Cruz-Scotts Valley**

**Project # c702205**

**Project Description:**

This project will link the City of Santa Cruz and Scotts Valley Water District through the construction of a nearly 2-mile intertie pipeline with SVWD. The Pipeline will be along La Madronna Drive, from Kite Hill Tank in Pasatiempo to the intertie pump station. The project has received a no-match grant from the Department of Water Resources.

**Project Benefit:**

**Project Location:**



**Operating Budget Impact:**

**Project Schedule:**

**Project Contact Email:**

	Prior Year Totals	Fiscal Year 2023							
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
<b>Account # 711-70-91-7151-57302</b>									
<b>Project Cost Estimate:</b>	-	1,000,000	786,045	1,552,231	5,667,767	484,419	-	-	7,704,417
<b>Project Funding Estimates:</b>									
Local Operating	-	-	786,045	1,930,000	4,280,000	370,000	-	-	6,580,000
Grants & Contrib									
<b>Net Project Cost Estimate:</b>	-	1,000,000	-	(377,769)	1,387,767	114,419	-	-	1,124,417

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water** **711- Water & Water System**  
**Development Enterprise Fund**

**Main Replacements - Distribution Section**

**Project # c701507**

**Project Description:**

Recurring program to replace deteriorated or undersized water mains as identified and prioritized by the Department and implemented by the Distribution Section. Projects are typically based on leak history, but also address water quality and fire flow issues.

**Project Benefit:**

Maintains the reliability of the treated water distribution system and our customer's faith in the City's stewardship

**Project Location:**

Treated Water Distribution system



**Operating Budget Impact:**

Reduced maintenance costs due to fewer leak incidents

**Project Schedule:**

Continuous

**Project Contact Email:**

dvalby@santacruzca.gov

Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Budget	Estimated Actuals						

**Account # 711-70-97-7151-57302**

<b>Project Cost Estimate:</b>	1,917,455	456,392	750,000	811,200	843,645	877,395	912,488	944,430	4,389,158
<b>Net Project Cost Estimates:</b>	1,917,455	456,392	750,000	811,200	843,645	877,395	912,488	944,430	4,389,158

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**Main Replacements - Outside Agency**

**Project # c70003**

**Project Description:**

Relocation of water mains, service lines, valves, and/or water meters as necessitated by City, County or other Agency improvements- such as road improvement, storm drain improvement projects, and/or other projects- that conflict with existing water infrastructure.

**Project Benefit:**

This project maintains the reliability of the treated water distribution system and our customer's faith in the City's stewardship

**Project Location:**

Treated Water Distribution system



**Operating Budget Impact:**

Ongoing investment in main replacements reduces maintenance costs due to fewer leak incidents

**Project Schedule:**

Continuous

**Project Contact Email:**

dvalby@santacruzca.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	
<b>Account # 711-70-91-7151-57302</b>									
<b>Project Cost Estimate:</b>	1,315,936	375,000	357,000	36,080	56,243	58,493	60,833	62,962	274,611
<b>Net Project Cost Estimates:</b>	1,315,936	375,000	357,000	36,080	56,243	58,493	60,833	62,962	274,611



**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System**  
**Development Enterprise Fund**

**River Bank Filtration Study**

**Project # c701806**

**Project Description:**

This project assesses the feasibility of locating new riverbank filtration wells along the San Lorenzo River near two existing surface water diversions in Felton and Santa Cruz. A feasibility study was completed Spring 2022, narrowing the study area to Santa Cruz only. Planning for future design and construction of new wells continues.

**Project Benefit:**

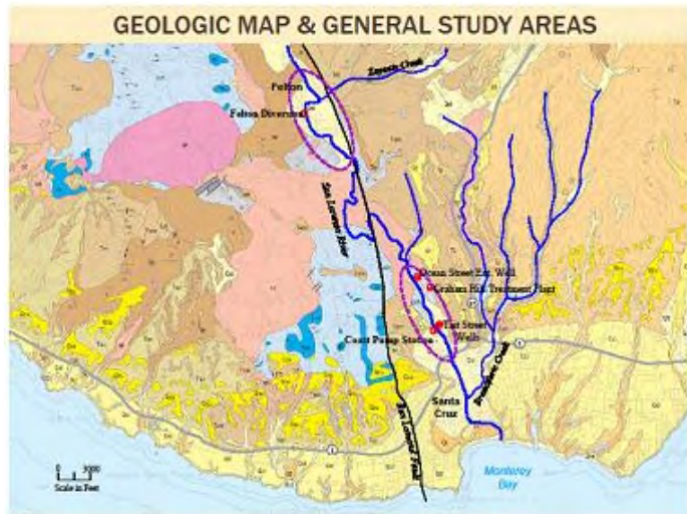
Potentially provides improved municipal water supply reliability, expanded sourcewater supply options, and improved sourcewater quality

**Project Location:**

Crossing St, Santa Cruz CA

**Operating Budget Impact:**

Riverbank Filtration Wells present a operational cost savings since natural alluvial filtration from well water requires less downstream power and chemicals to treat, compared to surface water



**Project Schedule:**

Construction: 04/2025 - 12/2027

**Project Contact Email:**

kcrossley@santacruz.gov

	Prior Year Totals	Fiscal Year 2023							Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	

**Account # 711-70-91-7153-57302**

<b>Project Cost Estimate:</b>	998,601	621,516	308,722	279,650	765,576	1,815,965	1,929,963	1,073,058	5,864,212
<b>Net Project Cost Estimates:</b>	998,601	621,516	308,722	279,650	765,576	1,815,965	1,929,963	1,073,058	5,864,212

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**

Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**University Tank No. 4 Rehab/Replacement**

**Project # c701505**

**Project Description:**

University Tank No. 4 (U4) is a 400,000 gallon steel tank constructed in 1965. Video inspections of U4 in 2019 revealed signs of corrosion on the tank floor, shell, and roof, necessitating a full rehabilitation or replacement project to ensure ongoing reliability. Planning work determined that replacement instead rehabilitation of the current tank provided the best benefit/cost balance. The project is currently in design and includes design of a replacement tank, secondary maintenance tank, site access and drainage improvements, and fire resiliency features.

**Project Benefit:**

Replaces aging infrastructure, improves water system reliability, water quality, fire preparedness, and provides operational enhancements

**Project Location:**

Empire Grade Road near UCSC Western Entrance



**Operating Budget Impact:**

**Project Schedule:**

Construction: 02/2024 - 06/2025

**Project Contact Email:**

tkihoi@santacruzca.gov

Prior Year Totals	Fiscal Year 2023								Total 2024-2028
	Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate		

**Account # 711-70-91-7153-57302**

<b>Project Cost Estimate:</b>	371,278	994,022	429,939	-	5,209,496	83,788	-	-	5,293,284
<b>Project Funding Estimates:</b>									
Federal capital grants	-	-	-	1,000,000	-	-	-	-	1,000,000
<b>Net Project Cost Estimates:</b>	371,278	994,022	429,939	(1,000,000)	5,209,496	83,788	-	-	4,293,284

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water**

**711- Water & Water System  
 Development Enterprise Fund**

**Water Program Administration**

**Project # c701901**

**Project Description:**

The City originally contracted with HDR, Inc. in 2017 for five years to provide Program Management Services. As Program Manager, HDR supplements City staff and brings the additional technical and managerial resources required to implement an expanded Capital Investment Program. HDR's Master Service Agreement was renewed in June 2022 for an additional five-year term.

**Project Benefit:**

Maximizes annual project delivery volume and increases the rate of completion of projects

**Project Location:**



**Operating Budget Impact:**

**Project Schedule:**

**Project Contact Email:**

kcrossley@santacruz.gov

	Prior Year Totals	Fiscal Year 2023								Total 2024-2028
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate		
<b>Account # 711-70-91-7159-57302</b>										
<b>Project Cost Estimate:</b>	1	2,954,788	1,928,212	1,695,840	2,614,352	2,607,524	2,601,461	2,583,750	12,102,927	
<b>Net Project Cost Estimates:</b>	1	2,954,788	1,928,212	1,695,840	2,614,352	2,607,524	2,601,461	2,583,750	12,102,927	

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

Water

**711- Water & Water System**  
**Development Enterprise Fund**

**Water Program Management Reserve**

**Project # c702003**

**Project Description:**

Establish and budget a management reserve to align with best practices of capital program implementation. Both the American Association of Cost Estimating Engineers and Project Management Institute recommend budgeting for a contingency fund independent of individual project estimates and contingencies to cover unanticipated cost changes due to schedule slippage, program risks, and other uncertainty.

**Project Benefit:**

Improves confidence to deliver program within budget and maintain project schedules

**Operating Budget Impact:**

**Project Schedule:**

**Project Contact Email:**

kcrossley@santacruz.gov

**Project Location:**



	Prior Year Totals	Fiscal Year 2023							
		Budget	Estimated Actuals	FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
<b>Account # 711-70-91-7159-57302</b>									
<b>Project Cost Estimate:</b>	-	7,034,600	600,000	2,626,394	8,001,620	8,607,346	1,776,219	330,044	21,341,623
<b>Net Project Cost Estimates:</b>	-	7,034,600	600,000	2,626,394	8,001,620	8,607,346	1,776,219	330,044	21,341,623

**City of Santa Cruz**  
**Adopted Capital Investment Program Budget (by department)**  
 Fiscal Years 2024-2028

**Water** **711- Water & Water System**  
**Development Enterprise Fund**

**Water Supply Augmentation**

**Project # c701705**

**Project Description:**

This project replaces projects c701402 & c701403 to capture various higher-level feasibility studies and analyses to support the evaluation of water supply alternatives identified by the Water Supply Advisory Committee.

**Project Benefit:**

Informs the selection of water supply projects that meet the water supply reliability goals of the City

**Project Location:**

City water service area as well as Santa Cruz Mid-County and Santa Margarita groundwater basins

**Operating Budget Impact:**

**Project Schedule:**

Through December 2024

**Project Contact Email:**

hluckenbach@santacruzca.gov



	Prior Year Totals	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
<b>Account # 711-70-91-7153-57302</b>									
<b>Project Cost Estimate:</b>	1,613,222	2,738,397	1,544,292	1,085,068	13,779,535	14,330,785	10,374,049	10,737,203	50,306,640
<b>Project Funding Estimates:</b>									
Local Operating	-	-	-	475,000	475,000	-	-	-	950,000
Grants & Contrib									
<b>Net Project Cost Estimates:</b>	1,613,222	2,738,397	1,544,292	610,068	13,304,535	14,330,785	10,374,049	10,737,203	49,356,640