

# City of Santa Cruz

## Adopted Capital Investment Program Budget (by department)

Fiscal Years 2024-2028

Public Works

221- Gas Tax Fund

### Bay Drive Protected Bike Lanes and Pedestrian Path

Project # c402304

#### Project Description:

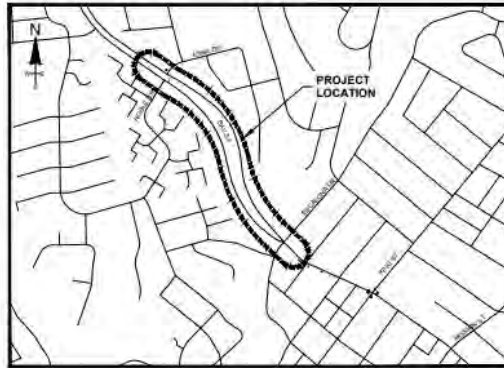
Improve bike and pedestrian safety on Bay Drive between West Cliff and High Street with protected bike lanes and walkways. The two lane section between Escalona and High will likely include lane reductions to accommodate a protected bike lane and a two-way pedestrian path. A grant has not yet been applied for.

#### Project Benefit:

Improves multimodal safety, accessibility, and mobility

#### Project Location:

Bay Corridor between High Street and West Cliff Drive



#### Operating Budget Impact:

Maintenance included in Streets operating budget

#### Project Schedule:

FY2024-FY2025: contingent on grant approval

#### Project Contact Email:

mstarkey@santacruzca.gov

VICINITY MAP  
NOT TO SCALE

	Prior	Fiscal Year 2023		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Year	Estimated							
	Totals	Budget	Actuals						
Account # 221-40-64-9330-57307									
Project Cost	-	300,000	300,000	700,000	150,000	-	-	-	850,000
Estimate:									
Project Funding									
Estimates:									
From 2016 Trnsp	-	50,000	50,000	100,000	150,000	-	-	-	250,000
Measure D-City									
State grants - TDA	-	250,000	250,000	-	-	-	-	-	-
State Grants-AHSC	-	-	-	600,000	-	-	-	-	600,000
Net Project Cost	-	-	-	-	-	-	-	-	-
Estimates:									

**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

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

**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	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 221-40-62-9370-57310									
Project Cost	11,082,319	21,310,198	20,000,000	12,000,000	-	-	-	-	12,000,000
Estimate:									
Project Funding									
Estimates:									
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
Net Project Cost	1,606,702	2,310,198	1,000,000	2,000,000	-	-	-	-	2,000,000
Estimates:									

**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	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>Totals</b>									
<b>Account # 221-40-64-9320-57304</b>									
<b>Project Cost</b>	702,847	328,028	-	200,000	-	-	-	-	200,000
<b>Estimate:</b>									
<b>Project Funding</b>									
<b>Estimates:</b>									
Donations-other	20,000	-	-	-	-	-	-	-	-
Capital	-	-	-	-	-	-	-	-	-
contributions-devel									
opers									
From Traffic Impact	526,613	373,387	-	200,000	-	-	-	-	200,000
- Citywide									
<b>Net Project Cost</b>	156,233	(45,358)	-	-	-	-	-	-	-
<b>Estimates:</b>									

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



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

**Public Works**

**311- General Capital Improvement Fund**

**Catch Basin Replacement Program**

**Project # c401610**

**Project Description:**

Upgrade non-standard catch basins with standard Type-B catch basins at various locations throughout the city to reduce clogging during rainfall, minimizing maintenance and localized flooding.

**Project Benefit:**

Upgrades non-standard catch basins to reduce clogging and localized flooding during rainfall

**Project Location:**

Citywide



**Operating Budget Impact:**

Included in project budget

**Project Schedule:**

Ongoing

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 311-40-64-9330-57311									
Project Cost	223,797	255,105	100,000	100,000	100,000	100,000	100,000	125,000	525,000
Estimate:									
Project Funding									
Estimates:									
From Gas Tax Fund	149,970	255,105	100,000	100,000	100,000	100,000	100,000	125,000	525,000
Net Project Cost									
Estimates:	73,827	-	-	-	-	-	-	-	-

**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	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 311-40-64-9340-57311									
Project Cost	453,064	139,468	100,000	100,000	100,000	100,000	100,000	125,000	525,000
Estimate:									
Project Funding									
Estimates:									
From Gas Tax Fund	402,504	142,421	100,000	100,000	100,000	100,000	100,000	125,000	525,000
Net Project Cost									
Estimates:	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**

**Escalona Avenue Storm Drain Pipe replacement**

**Project # c402302**

**Project Description:**

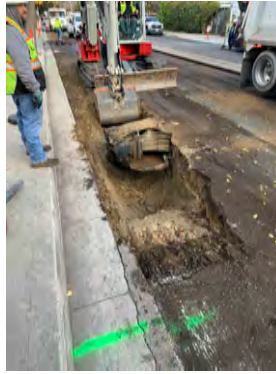
Replace approximately 50 feet of existing CMP pipe with new 24-inch plastic pipe across Escalona Avenue. Project will require a new retaining wall at outlet M7-DO602. New sidewalk and construction easement from property owner will be required.

**Project Benefit:**

Reduces flooding on Escalona and surrounding properties

**Project Location:**

Escalona Avenue near Walnut Avenue



**Operating Budget Impact:**

Reduces calls for service and maintenance

**Project Schedule:**

FY2025

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 311-40-64-9340-57311									
Project Cost	-	8,000	8,000	20,000	200,000	-	-	-	220,000
Estimate:									
Project Funding									
Estimates:									
Property Owner	-	-	-	10,000	80,000	-	-	-	90,000
Contributions									
From Gas Tax Fund	-	4,000	4,000	10,000	40,000	-	-	-	50,000
From General Fund	-	-	4,000	-	80,000	-	-	-	80,000
Net Project Cost	-	4,000	-	-	-	-	-	-	-
Estimates:									



# 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	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 311-40-64-9330-57307									
Project Cost Estimate:	1,659,669	29,979,331	2,147,907	41,136,000	-	-	-	-	41,136,000
Project Funding Estimates:									
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
Net Project Cost Estimates:	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**

**Sidewalk/Access Ramp**

**Project # c409452**

**Project Description:**

A citywide program to provide for the installation of new sidewalks where none presently exist, funded by sidewalk in-lieu fees received from development projects where sidewalks are infeasible. Funds are spent on deficiencies or may be combined with other related capital projects such as the Safe Routes 2 School program projects.

**Project Benefit:**

Increases access for pedestrians of all abilities.  
 Implements goals in the Climate Action Plan,  
 Health in All Policies, Active Transportation Plan,  
 and ADA Transition Plan.

**Project Location:**

Citywide



**Operating Budget Impact:**

Included in Streets operating budget.

**Project Schedule:**

Ongoing

**Project Contact Email:**

mstarky@santacruzca.gov

	Prior	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 311-40-64-4220-54307									
Project Cost	-	20,000	20,000	150,000	-	-	-	-	150,000
Estimate:									
Project Funding									
Estimates:									
Developer fees	35,478	10,000	10,000	-	-	-	-	-	-
From Sidewalk	40,853	10,000	10,000	150,000	-	-	-	-	150,000
In-lieu Fund									
Net Project Cost	(76,331)	-	-	-	-	-	-	-	-
Estimates:									

**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 Description:**

**Project # c101901**

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		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
		Budget	Estimated Actuals						
Account # 311-10-00-9410-57290									
Project Cost Estimate:	-	431,866	200,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Project Funding Estimates:									
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
Net Project Cost Estimates:	-	-	(165,750)	-	-	-	-	-	-

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

**Public Works**

**311- General Capital Improvement Fund**

**Swanton Blvd Multi-Use Trail Connector**

**Project # c401805**

**Project Description:**

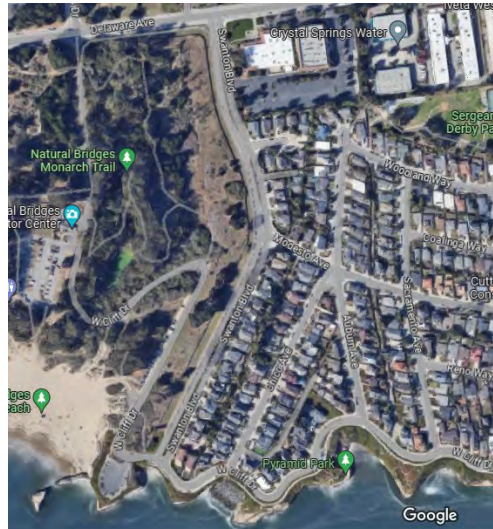
This project proposes a 10-12 foot wide multi-use trail along Swanton Boulevard, from West Cliff to Delaware, and along Delaware to Natural Bridges Drive. Improved lighting, curb ramps, islands, signs, and striping are proposed at the intersection. This project fills a missing gap between West Cliff Drive and Mission Street Extension, providing improved and safer access to many public, commercial and residential activity centers. This multi-use trail is adjacent to Natural Bridges State Park and State Parks is supportive of the project. A grant has been approved.

**Project Benefit:**

Improves safety and mobility for people walking and biking to key community destinations.  
 Increases safety and reduces GHG emissions at intersections. Implements goals in the Climate Action Plan, Health in All Policies, and Active Transportation Plan.

**Project Location:**

Swanton Boulevard between West Cliff Drive and Delaware;  
 Delaware between Swanton Boulevard and Shaffer Road



**Operating Budget Impact:**

Increased maintenance costs of new facilities

**Project Schedule:**

FY2024-FY2025

**Project Contact Email:**

mstarkey@santacruzca.gov

	Prior	Fiscal Year 2023								
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total	
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028	
Account # 311-40-64-9330-57307										
Project Cost	-	-	-	2,968,000	-	-	-	-	2,968,000	
Estimate:										
Project Funding										
Estimates:										
From 2016 Trnsp	-	-	-	-	-	-	-	-	-	
Measure D-City										
State capital grants	-	-	-	2,968,000	-	-	-	-	2,968,000	
- ATP										
Net Project Cost	-	-	-	-	-	-	-	-	-	
Estimates:										

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

**Public Works**

**311- General Capital Improvement Fund**

**Traffic Calming Pilot Program (Annual)**

**Project # c402404**

**Project Description:**

This fund will allow the Traffic Engineering Division to set up a neighborhood traffic calming program and review and implement requests.

**Project Benefit:**

Reduces traffic speeds and improves safety

**Project Location:**

Citywide

**Operating Budget Impact:**

Included in Streets operations budget

**Project Schedule:**

FY2024-FY2025

**Project Contact Email:**

mstarkey@santacruzca.gov



	Prior	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 311-40-64-9330-57307									
Project Cost	-	-	-	75,000	-	-	-	-	75,000
Estimate:									
Project Funding									
Estimates:									
State grants - TDA	-	-	-	75,000	-	-	-	-	75,000
Net Project Cost									
Estimates:	-	-	-	-	-	-	-	-	-

**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 Description:**

**Project # c401501**

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

	Prior	Fiscal Year 2023			FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Year		Estimated		Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
	Totals	Budget	Actuals							
Account # 311-40-62-9330-57307										
Project Cost Estimate:	524,880	2,154,120	48,000	6,555,800	250,000	250,000	250,000	250,000		7,555,800
Project Funding Estimates:										
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	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	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

	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>	8,632,279	4,117,513	(798,209)	1,200,000	1,500,000	1,500,000	1,500,000	1,500,000	7,200,000

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

**Public Works**

**317- Arterial Streets and Roads Fund**

**City Residential and Collector Street Reconstruction and Overlay**

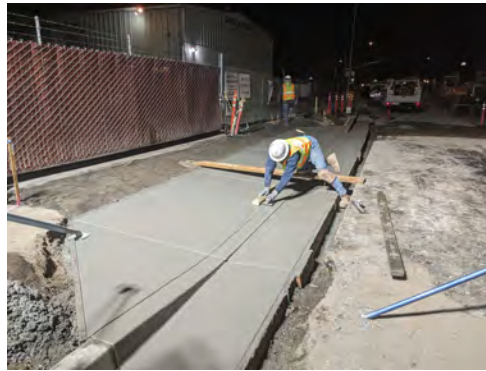
**Project # c400810**

**Project Description:**

Pavement reconstruction, overlay, cape and slurry seal, and asphalt grinding of city residential 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. Approximately \$1.2 million is needed annually to provide a 10 year rotation on residential streets. Grants are not typically available for residential and collector streets.

**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						
Account # 317-40-64-9311-57304									
Project Cost Estimate:	13,597,640	1,951,119	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Project Funding Estimates:									
From City Public Trust Fund	414,451	-	-	-	-	-	-	-	-
From Traffic Congestion Relief Fund	587,025	-	-	-	-	-	-	-	-
From Water Fund	17,978	-	-	-	-	-	-	-	-
From General Fund	500,000	-	-	-	-	-	-	-	-
From 2016 Trnsp Measure D-City	1,015,720	650,000	650,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Net Project Cost Estimates:	11,062,466	1,301,119	350,000	500,000	500,000	500,000	500,000	500,000	2,500,000

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

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

**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		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Budget	Estimated Actuals						

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



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

**Public Works**

**721- Wastewater Enterprise Fund**

**Sewer System Improvements**

**Project # c401511**

**Project Description:**

Ongoing program to identify and target sewer lines and pump stations with limited capacity and that may be impacted by high storm water infiltration and inflow (I&I), obstructions, and other deficiencies. The intent of the program and individual projects is to improve wastewater flow capacity, maintain an excellent environmental compliance record, and reduce treatment costs from I&I. The projects will include pipe bursting, replacement, re-routing, pump station upgrades and/or replacement, lining, and other methods as needed. Project will address street reconstruction needs related to the sanitary system construction. Program includes the development of a public education component. Program will partially fund new storm drain improvements if it is found that drainage deficiencies are overtaxing the sanitary sewer system such as what was done on Curtis Street and Trevethan Avenue.

**Project Benefit:**

Reduces future wastewater failure and impact on residential neighborhoods and commercial areas.

**Project Location:**

Citywide



**Operating Budget Impact:**

Included in Wastewater main operating budget.  
 Reduces calls for service.

**Project Schedule:**

Ongoing

**Project Contact Email:**

kstewart@santacruzca.gov

	Prior	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Year	Estimated							
	Totals	Budget	Actuals						
Account # 721-40-62-7251-57304									
Project Cost	5,271,547	965,051	200,000	700,000	700,000	700,000	700,000	700,000	3,500,000
Estimate:									
Net Project Cost	5,271,547	965,051	200,000	700,000	700,000	700,000	700,000	700,000	3,500,000
Estimates:									

**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

**Operating Budget Impact:**

Reduces future maintenance needs

**Project Schedule:**

Ongoing

**Project Contact Email:**

kstewart@santacruzca.gov

**Project Location:**

Wastewater Treatment Facility



	Prior	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 721-40-62-7252-57301									
Project Cost	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
Estimate:									
Project Funding									
Estimates:									
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
Net Project Cost									
Estimates:	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:**

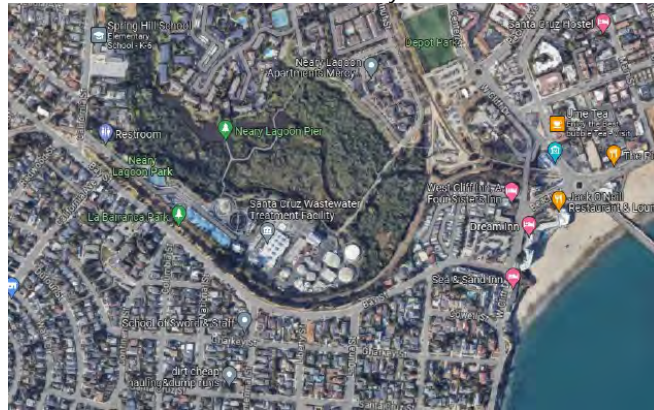
FY2027

**Project Contact Email:**

kstewart@santacruzca.gov

**Project Location:**

Wastewater Treatment Facility



	Prior	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Year	Estimated							
	Totals	Budget	Actuals						
Account # 721-40-65-7252-57301									
Project Cost	243,259	3,756,741	350,000	2,000,000	2,000,000	40,000,000	-	-	44,000,000
Estimate:									
Project Funding									
Estimates:									
Local capital grants	114,475	1,767,877	164,706	941,176	941,176	18,823,529	-	-	20,705,881
Net Project Cost	128,784	1,988,864	185,294	1,058,824	1,058,824	21,176,471	-	-	23,294,119
Estimates:									

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

**Public Works**

**721- Wastewater Enterprise Fund**

**WWTF-Equipment Replacement**

**Project # m409659**

**Project Description:**

The projects proposed in this general category are a variety of projects that replace worn and obsolete equipment, improve automation, reduce energy, maintain environmental compliance, and reduce odors at the Wastewater Treatment Plant. County Sanitation District (SCCSD) pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

**Project Benefit:**

Reduces future failure of critical wastewater infrastructure and reduces energy needs

**Operating Budget Impact:**

Reduces future maintenance needs. Included in Wastewater Treatment Facility operating budget.

**Project Schedule:**

Ongoing

**Project Contact Email:**

ahogan@santacruzca.gov

**Project Location:**

Wastewater Treatment Facility



	Prior	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Year	Estimated							
	Totals	Budget	Actuals						
Account # 721-40-62-7252-57301									
Project Cost	8,626,483	3,788,421	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Estimate:									
Project Funding									
Estimates:									
Local capital grants	3,914,939	1,222,507	941,076	941,176	941,176	941,176	941,176	941,176	4,705,880
Net Project Cost	4,711,544	2,565,914	58,924	1,058,824	1,058,824	1,058,824	1,058,824	1,058,824	5,294,120
Estimates:									

**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									
<b>Account # 731-40-61-7352-57308</b>									
<b>Project Cost</b>	-	-	-	100,000	-	-	-	-	100,000
<b>Estimate:</b>									
<b>Net Project Cost</b>	-	-	-	100,000	-	-	-	-	100,000
<b>Estimates:</b>									

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

**Public Works**

**731- Refuse Enterprise Fund**

**Landfill Master Plan Development**

**Project # c401909**

**Project Description:**

Planning, development, design, and construction of a master excavation plan for the landfill, the next cell, partial final closure, slope repair, and desilting basin.

**Project Benefit:**

Ensures the landfill reaches its maximum potential life and fill capacity, reduces long-term City costs, and meets state regulations

**Project Location:**

Santa Cruz Resource Recovery Facility at Dimeo Lane



**Operating Budget Impact:**

Included in project

**Project Schedule:**

Cell 3B was completed in July 2022. Master plan design is ongoing for future cells.

**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						
<b>Totals</b>		<b>Budget</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	
<b>Account # 731-40-62-7359-57308</b>									
<b>Project Cost Estimate:</b>	5,999,543	1,130,457	100,000	100,000	100,000	100,000	100,000	100,000	500,000
<b>Net Project Cost Estimates:</b>	5,999,543	1,130,457	100,000	100,000	100,000	100,000	100,000	100,000	500,000



**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						
Account # 741-40-64-7459-57307									
Project Cost	142,829	132,171	100,000	100,000	-	-	-	-	100,000
Estimate:									
Project Funding									
Estimates:									
From 2016 Trnsp Measure D-City	118,079	31,921	50,000	50,000	-	-	-	-	50,000
Net Project Cost									
Estimates:	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

**Operating Budget Impact:**

Included in project cost and should reduce future maintenance costs

**Project Schedule:**

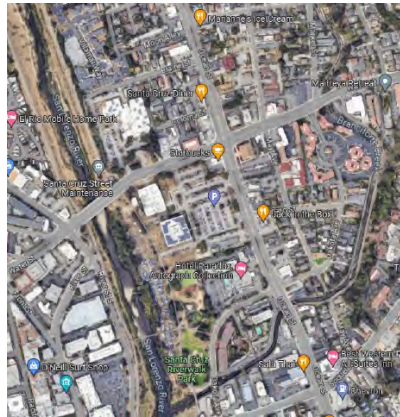
FY2026-FY2027; contingent on grant approval

**Project Contact Email:**

kstewart@santacruzca.gov

**Project Location:**

Branciforte Creek Channel, from Market Street to the SLR



	Prior	Fiscal Year 2023		FY 2024 Adopted	FY 2025 Estimate	FY 2026 Estimate	FY 2027 Estimate	FY 2028 Estimate	Total 2024-2028
	Year	Estimated							
	Totals	Budget	Actuals						
Account # 751-40-60-7501-57311									
Project Cost	137,125	417,997	40,000	40,000	40,000	3,000,000	40,000	40,000	3,160,000
Estimate:									
Project Funding									
Estimates:									
State capital grants	-	-	-	-	-	2,400,000	-	-	2,400,000
Net Project Cost	137,125	417,997	40,000	40,000	40,000	600,000	40,000	40,000	760,000
Estimates:									

**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:**

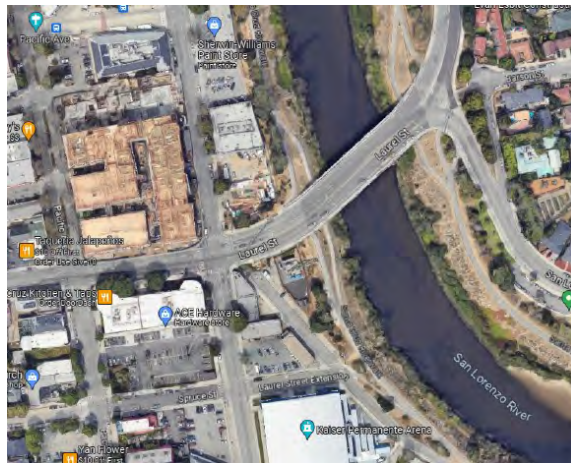
Assess drainage system tributary to San Lorenzo River. Assessment will include a detailed analysis of Pump Station No. 1, design and construction of Pump Station No. 1 modifications, feasibility of an additional pump station at Soquel Avenue to alleviate existing significantly undersized storm drain 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	Fiscal Year 2023							
	Year		Estimated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Total
	Totals	Budget	Actuals	Adopted	Estimate	Estimate	Estimate	Estimate	2024-2028
Account # 752-40-61-7552-57311									
Project Cost	199,093	2,230,907	-	15,000,000	-	-	-	-	15,000,000
Estimate:									
Project Funding									
Estimates:									
Federal capital grants	-	-	-	10,500,000	-	-	-	-	10,500,000
OES disaster relief	-	-	-	2,250,000	-	-	-	-	2,250,000
State capital grants	-	-	-	2,250,000	-	-	-	-	2,250,000
- IIG									
Net Project Cost	199,093	2,230,907	-	-	-	-	-	-	-
Estimates:									

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