

Public Works Department Capital Investment Projects



City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

221- Gas Tax Fund

Bay - West Cliff Intersection Improvements

Project Description:

The Beach/SOLA Plan, and subsequently the General Plan identified traffic circulation improvements at Bay/West Cliff to reduce congestion and improve safety. This is a Traffic Impact Fee intersection and mitigation for the General Plan buildout. A mini-roundabout was approved with the Dream Inn's 190 West Cliff Drive project, and that development will pay its fair share of the project and dedicate row.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project # c401905		Account # 221-40-64-9320-57306							
Project Cost Estimate:	-	375,000	375,000	-	-	-	-	-	-
Project Funding Estimates:									
Traffic Impact - Citywide	-	375,000	375,000	-	-	-	-	-	-
State capital grants	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

Bay/High Intersection Improvements

Project Description:

With General Plan buildout this intersection will operate at LOS F and improvements will help prevent collisions associated with unprotected left-turns. The proposed improvements are based on recommendations of a transportation study. Improvements may include the installation of protected left-turns on High Street or a roundabout. Concept design was completed in FY19. The cost estimate is preliminary and will be refined during the current phase. Project is contingent on City, University and grant approval and may be revised based on the new LRDP traffic analysis. STIP grant application for additional funding has not yet been approved.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401103	Account # 221-40-64-9320-57306								
Project Cost Estimate:	61,890	648,110	648,110	-	-	1,500,000	-	-	1,500,000
Project Funding Estimates:									
Traffic Impact - Citywide	31,890	248,110	248,110	-	-	300,000	-	-	300,000
Local grant - MBUAPCD	30,000	-	-	-	-	-	-	-	-
Fed grants - STIP	-	400,000	400,000	-	-	1,200,000	-	-	1,200,000
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-

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Public Works (EXISTING)

221- Gas Tax Fund

Beach/Cliff Traffic Signal

Project Description:

Project is in the approved Beach/SOLA plan and will reduce congestion, and improve pedestrian and bike safety. Project is contingent on collecting traffic impact fees and grant award. Grant application for funding has not yet been filed.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401303	Account # 221-40-64-9320-57306								
Project Cost Estimate:	4,013	225,987	225,987	-	-	-	300,000	-	300,000
Project Funding Estimates:									
Traffic Impact - Citywide	-	70,000	70,000	-	-	-	100,000	-	100,000
Federal capital grants	-	160,000	160,000	-	-	-	200,000	-	200,000
Net Project Cost Estimates:	4,013	(4,013)	(4,013)	-	-	-	-	-	-

Bridge Maintenance

Project Description:

Repair of identified maintenance deficiencies such as damaged deck joints, concrete spalling and rust on several local bridges. Repairs have been identified through regular inspections by Caltrans Structures staff. Contingent on availability of state or federal grant funding.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # m401302	Account # 221-40-64-9370-57310								
Project Cost Estimate:	1,159	200,000	200,000	-	-	-	-	400,000	400,000
Project Funding Estimates:									
State capital grants	-	180,000	180,000	-	-	-	-	300,000	300,000
Net Project Cost Estimates:	1,159	20,000	20,000	-	-	-	-	100,000	100,000

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

Citywide Safe Routes to School Crossing Improvements

Project Description:

The project is a combination of infrastructure projects and non-infrastructure program funded through an approved Active Transportation Program Cycle 2 grant in the amount of \$1.404 million. It includes high-priority selected improvements at intersections around Santa Cruz City Schools and supports education and encouragement programs.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401617	Account # 221-40-64-9330-57307								
Project Cost Estimate:	282,448	1,121,552	1,121,552	-	-	-	-	-	-
Project Funding Estimates:									
State capital grants - ATP	229,279	1,174,721	1,174,721	-	-	-	-	-	-
Net Project Cost Estimates:	53,169	(53,169)	(53,169)	-	-	-	-	-	-

Citywide Traffic Signal Controller Upgrade

Project Description:

This project will upgrade existing traffic signal control systems at 33 intersections Citywide. The current controllers are 1980's technology and should be upgraded to current technology that will improve performance and communications, and in some locations be capable of using the interconnected adaptive technology, such as the projects that were completed on Ocean and Laurel Streets.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401602	Account # 221-40-64-9330-57307								
Project Cost Estimate:	377,924	412,076	412,076	200,000	250,000	-	-	-	450,000
Net Project Cost Estimates:	377,924	412,076	412,076	200,000	250,000	-	-	-	450,000

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Public Works (EXISTING)

221- Gas Tax Fund

Delaware - Swift Intersection Improvements

Project Description:

With the increased development on the west side, primarily at 2120 Delaware, it is time to evaluate improvements at the intersection based on cumulative traffic mitigation measures as identified in the General Plan and TIF Program.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401904									
									Account # 221-40-62-9390-57304
Project Cost Estimate:	-	-	-	-	100,000	500,000	-	-	600,000
Project Funding Estimates:									
Traffic Impact - Citywide	-	-	-	-	100,000	100,000	-	-	200,000
Federal capital grants	-	-	-	-	-	400,000	-	-	400,000
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-

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Public Works (EXISTING)

221- Gas Tax Fund

Downtown Intersection Improvements

Project Description:

The Downtown Plan Amendments identified deficiencies at 3 intersections as a result of the cumulative traffic analysis; Pacific/Laurel, Front/Laurel and Front/Soquel. Subsequently a Double Left-Turn Lane for Front Street is needed to maintain Transit and Downtown access, which will affect parking and provide a bike buffer on a portion of the street. Private property development in the downtown will pay the fair share of the cost of the project.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401903	Account # 221-40-64-9320-57304								
Project Cost Estimate:	-	100,000	100,000	300,000	-	-	-	-	300,000
Project Funding Estimates:									
Traffic Impact - Citywide	-	-	-	-	-	-	-	-	-
Capital contributions-developers	-	-	-	200,000	-	-	-	-	200,000
Net Project Cost Estimates:	-	100,000	100,000	100,000	-	-	-	-	100,000

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

HSIP Cycle 8 Crossing Improvements

Project Description:

This HSIP Cycle 8 transportation safety grant provides funding to improve safety at 21 identified nonsignalized intersections throughout the city. The project includes pedestrian markings, signs, new curb ramps, streetlights, bulb-outs and Rectangular Rapid Flashing Beacons (RRFB) on the Soquel, Seabright, North Branciforte, King, Bay, Alta and Bethany Curve avenues and streets.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project # c401801									
Project Cost Estimate:	46,371	1,075,313	1,075,313	-	-	-	-	-	-
Project Funding Estimates:									
Federal Grants (HSIP)	8,285	959,915	959,915	-	-	-	-	-	-
State grants - TDA	-	150,000	150,000	-	-	-	-	-	-
Net Project Cost Estimates:	38,085	(34,602)	(34,602)	-	-	-	-	-	-

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

Mission Street Improvement Plan

Project Description:

The City's General Plan EIR requires that certain intersections on Mission St (Hwy 1) be improved as mitigation to GP planned growth. This project proposes to develop a coordinated improvement and implementing plan. Improvements are required at Chestnut-King, Laurel, Bay & Swift intersections.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402001									
									Account # 221-40-64-9311-57304
Project Cost Estimate:	-	-	-	-	250,000	1,250,000	-	5,000,000	6,500,000
Project Funding Estimates:									
Traffic Impact - Citywide	-	-	-	-	250,000	500,000	-	1,000,000	1,750,000
State capital grants	-	-	-	-	-	500,000	-	3,000,000	3,500,000
Net Project Cost Estimates:	-	-	-	-	-	250,000	-	1,000,000	1,250,000

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Public Works (EXISTING)

221- Gas Tax Fund

Murray Street Bridge Seismic Retrofit

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 and right-of-way process to proceed and is currently underway. 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 right-of-way approval and utility relocation.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c409321	Account # 221-40-62-9370-57310								
Project Cost Estimate:	4,182,965	8,209,552	8,209,552	-	-	-	-	-	-
Project Funding Estimates:									
State capital grants	212,764	-	-	-	-	-	-	-	-
Federal capital grants	3,403,446	7,734,420	7,734,420	-	-	-	-	-	-
Local capital grants	10,000	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	556,755	475,132	475,132	-	-	-	-	-	-

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Public Works (EXISTING)

221- Gas Tax Fund

Ocean/Water Intersection Improvements

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 Water southbound to Water, and a right-turn lane on Water eastbound, both which have been completed. Pedestrian and bike access and safety elements have been included. Design and construction of the northeast corner is proposed in 2021.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401410	Account # 221-40-64-9320-57304								
Project Cost Estimate:	195,473	425,845	425,845	400,000	-	-	-	-	400,000
Project Funding Estimates:									
Donations-other	20,000	-	-	-	-	-	-	-	-
Capital contributions-developers	-	-	-	-	-	-	-	-	-
Traffic Impact - Citywide	74,155	425,845	425,845	400,000	-	-	-	-	400,000
Net Project Cost Estimates:	101,318	-	-	-	-	-	-	-	-

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Public Works (EXISTING)

221- Gas Tax Fund

Pacific Avenue Sidewalk - Front to Second

Project Description:

Project proposes to address an important missing link by constructing 200 lineal feet of sidewalk on the east side of Pacific Avenue, between Front and Second Streets, and extending the bike lane. The diagonal parking will be replaced with parallel parking and will result in the loss of about 4 spaces. Drainage will be addressed. Grant funds have been awarded for this project.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025						
	Prior Year	Budgeted	Estimated Actuals												
Project # c401902															
Account # 221-40-64-9330-57307															
Project Cost Estimate:	-	400,000	400,000	-	-	-	-	-	-						
Project Funding Estimates:															
State grants-RXTPX Funds	-	250,000	250,000	-	-	-	-	-	-						
Transfer from 2016 Trnsp Measure D	-	150,000	150,000	-	-	-	-	-	-						
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-						

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Public Works (EXISTING)

221- Gas Tax Fund

Riverside/Second Intersection Improvements

Project Description:

This intersection improvement project has been changed to eliminate the need for Beach/SOLA plan recommended traffic signal or roundabout. The Council approved concept includes pedestrian activated flashers, streetscape, changing Leibrandt one-way inbound and removing the stop controls. This project schedule is included in the Riverside Ave Utility undergrounding project.

		Fiscal Year 2020							
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401105									
									Account # 221-40-64-9320-57306
Project Cost Estimate:	75,296	174,704	174,704	-	-	-	-	-	-
Project Funding Estimates:									
Traffic Impact - Citywide	50,000	174,704	174,704	-	-	-	-	-	-
Net Project Cost Estimates:	25,296	-	-	-	-	-	-	-	-

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

Soquel at Frederick Minor Widening

Project Description:

Minor widening of Soquel at Frederick to improve east-bound lane transition, and on Frederick to improve the bike lane and vehicle lane assignments. Includes right-turn overlap phase to improve intersection operational efficiency and highlighting pedestrian crossings. RSTP grant approved for construction.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401003	Account # 221-40-64-9311-57304								
Project Cost Estimate:	16,178	321,822	321,822	-	-	-	600,000	-	600,000
Project Funding Estimates:									
RDA Successor Agency	1,870	-	-	-	-	-	-	-	-
State capital grants	-	188,000	188,000	-	-	-	500,000	-	500,000
Net Project Cost Estimates:	14,308	133,822	133,822	-	-	-	100,000	-	100,000

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

State Route 1 Bridge Replacement

Project Description:

The Project Study Report (PDS) has identified the need to replace and widen the critical Highway 1 bridge over the San Lorenzo River. The City has completed the PDS and will start environmental review and design, as staff resources become available. The PDS was approved by Caltrans. The projects goals are to improve traffic capacity, safety, flood flows and fish passage, and provide seismic stability. With the current deteriorated condition of the bridge, replacement is highly recommended. The PDS estimates the construction cost range from \$9 to \$15 million. A grant application has not yet been filed.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project # c401402		Account # 221-40-64-9370-57310							
Project Cost Estimate:	-	1,350,000	1,350,000	-	-	15,500,000	-	-	15,500,000
Project Funding Estimates:									
Federal capital grants	-	500,000	500,000	-	-	14,000,000	-	-	14,000,000
Net Project Cost Estimates:	-	850,000	850,000	-	-	1,500,000	-	-	1,500,000

City of Santa Cruz
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Fiscal Years 2021 - 2025

Public Works (EXISTING)

221- Gas Tax Fund

State Route 1/9 Intersection Improvements

Project Description:

The project had been recommended in the Harvey West Traffic Studies, Citywide Cumulative Development Traffic Study and General Plan to reduce congestion and improve safety. The Project Study Report and environmental review are completed and approved by Caltrans. Project design had been initiated in FY 2015 and right-of-way acquisition initiated in 2017 based on the 65% design plans. Construction of the intersection improvements is anticipated in FY2021 but is contingent on row acquisition and state approvals. STIP grants were awarded for construction.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c400805	Account # 221-40-64-9330-57304								
Project Cost Estimate:	1,264,161	8,159,053	8,159,053	-	-	-	-	-	-
Project Funding Estimates:									
RDA Successor Agency	5,108	500,000	500,000	-	-	-	-	-	-
Traffic Impact - Citywide	1,257,099	4,310,901	4,310,901	-	-	-	-	-	-
State grants - Prop 1B	-	-	-	-	-	-	-	-	-
Federal capital grants	-	2,853,000	2,853,000	-	-	-	-	-	-
Miscellaneous operating revenue	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	1,954	495,151	495,151	-	-	-	-	-	-

City of Santa Cruz
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Public Works (EXISTING)

221- Gas Tax Fund

West Cliff Drive Multi-Use Path Pavement Rehabilitation

Project Description:

This project will address some of the deferred maintenance of the path surface with patching, edge repair and slurry paving of the multi-use path. The first phase from Bay to Lighthouse Field was completed in FY 2012 and the second phase from Lighthouse to John Street was completed in FY 2015. The third phase is being developed for construction in FY2021 following the storm damage repair near Chico Ave.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # m400819	Account # 221-40-64-9330-57304								
Project Cost Estimate:	367,512	500,000	500,000	-	-	-	-	-	-
Project Funding Estimates:									
State grants - TDA	306,152	200,000	200,000	-	-	-	-	-	-
Capital contributions-developers	100,000	100,000	100,000	-	-	-	-	-	-
General CIP Fund	35,726	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	(74,366)	200,000	200,000	-	-	-	-	-	-

City of Santa Cruz
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Existing Capital Projects for Gas Tax Fund (221) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	6,875,388	23,699,014	23,699,014	900,000	600,000	18,750,000	900,000	5,400,000	26,550,000
Total Project Funding Estimate:	5,775,774	21,104,616	21,104,616	600,000	350,000	17,000,000	800,000	4,300,000	23,050,000
Total Net Project Cost Estimate:	1,099,614	2,594,398	2,594,398	300,000	250,000	1,750,000	100,000	1,100,000	3,500,000

Public Works Totals for Gas Tax Fund (221)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	6,875,388	23,699,014	23,699,014	900,000	600,000	18,750,000	900,000	5,400,000	26,550,000
Total Project Funding Estimate:	5,775,774	21,104,616	21,104,616	600,000	350,000	17,000,000	800,000	4,300,000	23,050,000
Total Net Project Cost Estimate:	1,099,614	2,594,398	2,594,398	300,000	250,000	1,750,000	100,000	1,100,000	3,500,000

City of Santa Cruz
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Public Works (EXISTING)

235- Clean Rivers & Beaches Fund

Cowell Beach Water Quality Project

Project Description:

Project includes the following tasks, some of which are complete: 1) Installed screening under the wharf on and near shore to prevent pigeons from roosting near the Cowells beach hotspot; 2) Convened a panel of outside experts to review the City's current testing regime and provide advice on future testing; 3) Continue Microbial Source Tracking testing; and 4) Provide funding to the Cowell Beach Working Group.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401614	Account # 235-40-60-9235-57311								
Project Cost Estimate:	101,798	83,202	83,202	-	-	-	-	-	-
Project Funding Estimates:									
Wastewater Fund	40,000	-	-	-	-	-	-	-	-
From General Fund	25,000	-	-	-	-	-	-	-	-
City Public Trust Fund	25,000	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	11,798	83,202	83,202	-	-	-	-	-	-

Stormwater Trash Capture Program

Project Description:

The State Water Resources Control Board adopted an amendment to the 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.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401701	Account # 235-40-60-9235-57311								
Project Cost Estimate:	31,878	158,122	158,122	-	-	-	1,000,000	-	1,000,000
Net Project Cost Estimates:	31,878	158,122	158,122	-	-	-	1,000,000	-	1,000,000

City of Santa Cruz
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Existing Capital Projects for Clean Rivers & Beaches Fund (235) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	133,676	241,324	241,324	-	-	-	1,000,000	-	1,000,000
Total Project Funding Estimate:	90,000	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	43,676	241,324	241,324	-	-	-	1,000,000	-	1,000,000

Public Works Totals for Clean Rivers & Beaches Fund (235)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	133,676	241,324	241,324	-	-	-	1,000,000	-	1,000,000
Total Project Funding Estimate:	90,000	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	43,676	241,324	241,324	-	-	-	1,000,000	-	1,000,000

City of Santa Cruz
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Public Works (EXISTING)

311- General Capital Improvement Fund

Bay Drive Storm Damage Repair

Project Description:

The slope between the median trail and the creek, on the west side and between Escalona and Nobel eroded in a past storms and continues to erode. Ongoing erosion will impact the road and the trail and staff has determined a repair is needed soon. Storm damage funding is not available and costs have escalated. the project design is complete and the project will be constructed this summer.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401507	Account # 311-40-62-9320-57306								
Project Cost Estimate:	22,758	352,242	352,242	-	-	-	-	-	-
Project Funding Estimates:									
Gas Tax Fund	-	150,000	150,000	-	-	-	-	-	-
Net Project Cost Estimates:	22,758	202,242	202,242	-	-	-	-	-	-

Catch Basin Replacement Program

Project Description:

Upgrade 15 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.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401610	Account # 311-40-64-9330-57307								
Project Cost Estimate:	222,485	51,341	51,341	50,000	100,000	100,000	100,000	100,000	450,000
Project Funding Estimates:									
Gas Tax Fund	148,659	51,341	51,341	50,000	100,000	100,000	100,000	100,000	450,000
Net Project Cost Estimates:	73,826	-	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Chestnut Street Storm Drain Replacement

Project Description:

The Chestnut Street Storm drain, north of Laurel Street to Church Street, is in very poor condition and should be replaced. There have been 3 cave-ins in the last fiscal year. The design process is complete and has determined the extent of the deterioration and all sections must be replaced.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401505	Account # 311-40-64-9340-57311								
Project Cost Estimate:	-	-	-	-	875,000	-	-	-	875,000
Project Funding Estimates:									
From General Fund	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	875,000	-	-	-	875,000

CMP Storm Drain Pipe Replacement

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.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401709	Account # 311-40-64-9340-57311								
Project Cost Estimate:	137,780	159,827	159,827	50,000	100,000	100,000	100,000	100,000	450,000
Project Funding Estimates:									
Gas Tax Fund	90,173	159,827	159,827	50,000	100,000	100,000	100,000	100,000	450,000
Net Project Cost Estimates:	47,607	-	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Curtis Street Storm Drain Phase II

Project Description:

Design and construct approximately 700 feet of 36 inch diameter storm drain line on Curtis, Coulson and Berry Streets may prevent flooding of streets, sidewalks and private property. This builds on the Phase I project downstream that was completed in FY 2017.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401802	Account # 311-40-64-9340-57311								
Project Cost Estimate:	-	-	-	-	-	-	-	500,000	500,000
Net Project Cost Estimates:	-	-	-	-	-	-	-	500,000	500,000

LED light replacement (City-wide) - CEC

Project Description:

Retrofit of remaining city streetlights that are high pressure sodium (HPS) or metal halide (MH) to energy efficient light emitting diode (LED) lights to reduce maintenance costs and energy use. Several projects, approximately 1200 street lights have been completed with ARRA Stimulus, CDBG and off-bill financing funds. An additional 321 street lights remain to be converted with a California Energy Commission loan.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401418	Account # 311-40-61-9320-57305								
Project Cost Estimate:	351,638	16,699	16,699	-	-	-	-	-	-
Project Funding Estimates:									
Loan proceeds	198,690	24,736	24,736	-	-	-	-	-	-
From General Fund	86,259	-	-	-	-	-	-	-	-
Gas Tax Fund	63,741	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	2,948	(8,037)	(8,037)	-	-	-	-	-	-

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Market Street Sidewalk and Bike Lane

Project Description:

Construct sidewalk within the existing Market Street roadway, between Avalon and Stoney Creek Rd, where none currently exists. Requires installation of a new marked crosswalk near Avalon St to provide continuity on the west side of the street. Project includes minor widening at Market/Goss Ave to complete sidewalk, ramp and bike lane. A grant has not yet been approved.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401806									
									Account # 311-40-64-9330-57307
Project Cost Estimate:	-	-	-	-	-	-	520,000	-	520,000
Project Funding Estimates:									
Transfer from 2016 Trnsp Measure D	-	-	-	-	-	-	100,000	-	100,000
Federal capital grants	-	-	-	-	-	-	400,000	-	400,000
Capital contributions-developers	-	-	-	-	-	-	20,000	-	20,000
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

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

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 this approved grant. Future Measure D funding is allocated to matching grants for construction. A grant application for construction will be sought when environmental review and design are complete.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401804									
									Account # 311-40-64-9330-57307
Project Cost Estimate:	1,857	4,667,143	4,667,143	-	-	26,600,000	-	-	26,600,000
Project Funding Estimates:									
Transfer from 2016 Trnsp Measure D	-	-	-	-	-	1,700,000	-	-	1,700,000
Local capital grant-SC County Land Trust	-	1,500,000	1,500,000	-	-	-	-	-	-
Federal capital grants	-	3,169,000	3,169,000	-	-	22,900,000	-	-	22,900,000
Measure D - SCCRTC	-	-	-	-	-	2,000,000	-	-	2,000,000
Measure D - City	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	1,857	(1,857)	(1,857)	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

MB Sanctuary Scenic Trail (Rail Trail) Segment 7

Project Description:

Project includes the portion of the MBSC Trail (rail trail) Segment 7 that is within the city limits, from Natural Bridges to the MB Sanctuary Center at Pacific and Beach. This segment is explained in further detail in the Master Plan. Working in conjunction with SCCRTC, Railroad and City staff, a consultant completed the design for the trail, environmental review documents, permits and construction documents. Construction of Phase 1 is underway. Phase 2 is contingent on settling a lawsuit and receiving grant funding for construction. The grant has been applied for.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project #	c401413	Account # 311-40-64-9330-57307							
Project Cost Estimate:	1,524,647	16,156,356	16,156,356	-	-	-	-	-	-
Project Funding Estimates:									
Contributions - businesses	42,135	50,000	50,000	-	-	-	-	-	-
Measure D - SCCRTC	-	2,100,000	2,100,000	-	-	-	-	-	-
From General Fund	-	-	-	-	-	-	-	-	-
State grant-Coastal Conservancy	159,598	-	-	-	-	-	-	-	-
Gas Tax Fund	176,651	823,349	823,349	-	-	-	-	-	-
Transfer from 2016 Trnsp Measure D	-	1,000,000	1,000,000	-	-	-	-	-	-
Federal Grants (HSIP)	-	7,951,850	7,951,850	-	-	-	-	-	-
Federal capital grants	629,302	2,625,698	2,625,698	-	-	-	-	-	-
State capital grants-STIP	303,406	1,501,594	1,501,594	-	-	-	-	-	-
Contributions - PG&E	2,000	-	1,689	-	-	-	-	-	-
From General Fund	57,420	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	154,136	103,864	102,175	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Mission Street Hill Utility Undergrounding

Project Description:

The undergrounding of overhead utilities on the City's portion of Mission Street, from Chestnut to Mission Plaza and within the Mission Hill Plaza area, has been approved by Council as the next Rule 20A district. A Rule 20A project is funded by PG&E from rate payer allocations and the City has borrowed funding from future allocations to fully fund the project. The local funding has been used to design the project in anticipation of partial reimbursement from Rule 20A funds. Local funds will be used to address easements and install decorative and regular streetlights when the utility poles with streetlights are removed.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401004									
									Account # 311-40-64-9360-57390
Project Cost Estimate:	96,506	60,000	60,000	-	1,150,000	-	-	-	1,150,000
Project Funding Estimates:									
Contributions - Other Agencies	-	-	-	-	-	-	-	-	-
Contributions - PG&E	-	-	-	-	1,000,000	-	-	-	1,000,000
Local capital grants	-	-	-	-	-	-	-	-	-
Gas Tax Fund	-	-	-	-	150,000	-	-	-	150,000
Net Project Cost Estimates:	96,506	60,000	60,000	-	-	-	-	-	-

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Pogonip Creek Sedimentation Removal

Project Description:

The Pogonip Flood Control project was constructed in 1993 to improve drainage conditions in the Harvey West Area by channelizing a portion of the creek, installing some new storm drains, and improving the storm drain lines under Highway 9 to the San Lorenzo River. Sedimentation from steep upstream slopes and private diversion systems have redirected the creek closer to the embankment, impacting private property in Harvey West. This project proposes to remove sediment and overgrown vegetation, and repair a flood wall to reduce impacts of flooding on private property. Work will be subject to a Fish and Game streambed alteration and RWQCB permits. The design is complete. Project implementation is proposed in FY21.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401306									
									Account # 311-40-64-9340-57311
Project Cost Estimate:	68,691	34,309	34,309	-	250,000	-	-	-	250,000
Net Project Cost Estimates:	68,691	34,309	34,309	-	250,000	-	-	-	250,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Riverside Ave Utility Underground Phase II

Project Description:

The project includes undergrounding the overhead utilities on Riverside Avenue, from Third Street to Beach Street, and constructing streetscape improvements (decorative streetlights, sidewalks and street trees). The design concept was approved by Council in FY12. The project was changed to a Rule 20A project which is funded by PG&E from rate payer allocations. The City has borrowed funding from future allocations to fully fund the project. The local funding has been used to complete the design in anticipation of partial reimbursement from Rule 20A funds. Agreements with the utility companies on a cost share and the PG&E bankruptcy have delayed the project.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401208	Account # 311-40-64-9360-57390								
Project Cost Estimate:	479,643	4,835,357	4,835,357	-	-	-	-	-	-
Project Funding Estimates:									
RDA Successor Agency	378,847	-	-	-	-	-	-	-	-
Other agency contributions	-	1,650,000	1,650,000	-	-	-	-	-	-
Property Owner Contributions	-	1,300,000	1,300,000	-	-	-	-	-	-
From ED Trust Fund	238,940	453,974	453,974	-	-	-	-	-	-
Water Fund	-	501,613	501,613	-	-	-	-	-	-
Gas Tax Fund	-	639,503	639,503	-	-	-	-	-	-
From CIP-Street Maint and Rehab Fund	-	500,000	500,000	-	-	-	-	-	-
Net Project Cost Estimates:	(138,144)	(209,733)	(209,733)	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Seabright Beach CMP Replacement

Project Description:

The corrugated metal pipe (CMP) that carries storm water flow from lower Seabright (near the Natural History Museum) and Brook Creek is deteriorated, from the creek to the outlet box on Seabright Beach and is need of replacement. May require a coastal permit.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401803	Account # 311-40-64-9340-57311								
Project Cost Estimate:	-	-	-	-	175,000	-	-	-	175,000
Net Project Cost Estimates:	-	-	-	-	175,000	-	-	-	175,000

Shaffer Road Railroad Crossing and Route 1 Traffic Signal Improvements

Project Description:

Development of a benefit assessment district for the design and funding cost share of a new railroad crossing (with gates and surface improvements) and the installation of a traffic signal at the Shaffer/Route 1 intersection. Development of adjacent properties require crossing installation to reduce impact to Delaware and residential uses, and improve emergency access. The crossing is planned to be multi-modal. Requires SCCRTC, CPUC and Caltrans approval. Costs of assessment district development to be reimbursed if district approved.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401403	Account # 311-40-62-9320-57306								
Project Cost Estimate:	-	-	400	-	250,000	-	1,000,000	-	1,250,000
Project Funding Estimates:									
Gas Tax Fund	-	-	-	-	250,000	-	-	-	250,000
Assessment District Fund	-	-	-	-	-	-	1,000,000	-	1,000,000
Net Project Cost Estimates:	-	-	400	-	-	-	-	-	-

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Solar PV Expansion at Corp Yard

Project Description:

This project consists of designing and installing a 166 kW solar photovoltaic system at the Corporation Yard. This project expands the existing 45 kW solar PV system at the same location and the recent roofing improvement project was designed to accommodate the expansion. Most project costs will be wrapped into a Power Purchase Agreement, however there may be ancillary city costs.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025						
	Prior Year	Budgeted	Estimated Actuals												
Project # c101901															
Account # 311-10-00-9410-57290															
Project Cost Estimate:	-	365,750	365,750	-	-	-	-	-	-						
Project Funding Estimates:															
Water Fund	-	114,000	114,000	-	-	-	-	-	-						
Refuse Fund	-	185,250	185,250	-	-	-	-	-	-						
Parking Fund	-	28,500	28,500	-	-	-	-	-	-						
Equipment Fund	-	38,000	38,000	-	-	-	-	-	-						
From General Fund	-	-	-	-	-	-	-	-	-						
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-						

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Solar PV Installation at DeLaveaga Park

Project Description:

This project consists of designing and installing a 195 kW solar photovoltaic system on a new parking lot canopy structure. The project also includes third party design review, project management, and inspection services. Most project costs will be wrapped into a Power Purchase Agreement, however there may be ancillary city costs.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c101903	Account # 311-10-00-9410-57290								
Project Cost Estimate:	-	-	-	-	50,000	-	-	-	50,000
Net Project Cost Estimates:	-	-	-	-	50,000	-	-	-	50,000

Soquel/Pine Storm Drain

Project Description:

Alleviate flood on Soquel Avenue between Pine Street and Doyle Street by constructing a 30-inch pipeline on Pine Street from Soquel Avenue to Broadway. Approximate length of pipeline will be 1,800 feet.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402002	Account # 311-40-64-9340-57311								
Project Cost Estimate:	-	-	-	-	-	-	1,300,000	-	1,300,000
Net Project Cost Estimates:	-	-	-	-	-	-	1,300,000	-	1,300,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Swanton Blvd Multi-Use Trail Connector

Project Description:

This project proposes a 10-12 foot wide multi-use trail along Swanton Blvd, 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 Bridge State Park and State Parks is supportive of the project. A grant has not yet been approved.

		Fiscal Year 2020			FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025					
	Prior Year	Budgeted	Estimated Actuals												
Project # c401805															
Account # 311-40-64-9330-57307															
Project Cost Estimate:	-	-	-	-	1,900,000	-	-	-	1,900,000						
Project Funding Estimates:															
Transfer from 2016 Trnsp Measure D	-	-	-	-	200,000	-	-	-	200,000						
Federal capital grants	-	-	-	-	1,700,000	-	-	-	1,700,000						
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-						

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

Trevethan Storm Drain Project - Phase 1

Project Description:

This area has experienced annual flooding episodes and sand bags are typically deployed in the winter to keep water out of private structures. Currently the street surface drains south to catch basins at Trevethan and Soquel. The project proposes to install 450 lineal feet of 24 inch diameter storm drain and 3 catch basins on Trevethan, from East gate to Soquel Ave.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401307									
									Account # 311-40-64-9340-57311
Project Cost Estimate:	-	-	-	-	225,000	-	-	-	225,000
Project Funding Estimates:									
Wastewater Fund	-	-	-	-	-	-	-	-	-
Measure E fund	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	225,000	-	-	-	225,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

UCSC-City Transportation Improvements & Studies

Project Description:

Implementation of Section 4.13 of the UCSC-City Comprehensive Settlement Agreement to identify for implementation transportation improvements and studies to explore alternative transportation solutions such as traffic signal timing on Mission and Bay, transit traffic signal pre-emption, express bus service, GIS analysis, park and ride lots, long-term vehicular storage, and Zip Car expansion.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Prior Year	Estimated Actuals						
Project # c401008		Account # 311-40-64-9390-57304							
Project Cost Estimate:	-	250,000	250,000	-	-	-	-	-	-
Project Funding Estimates:									
Other local revenues	-	150,000	150,000	-	-	-	-	-	-
Net Project Cost Estimates:	-	100,000	100,000	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

West Cliff Drive Revetment Repair

Project Description:

This project proposes to place additional engineered rock protection as needed where areas have been damaged by King tides in recent years and to prevent damage to the West Cliff path. FY2016 funding was used to repair two locations near Woodrow and a sink hole at a retaining wall near Woodrow. Priority is to protect the base of the retaining wall near Woodrow. Other areas to be identified and may be subject to additional Coastal permit requirements.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401501	Account # 311-40-62-9330-57307								
Project Cost Estimate:	429,753	249,247	249,247	-	500,000	250,000	250,000	250,000	1,250,000
Project Funding Estimates:									
Liability Insurance Fund	75,000	-	-	-	-	-	-	-	-
From General Fund	2,353	247,647	247,647	-	500,000	250,000	250,000	250,000	1,250,000
Capital contributions-developers	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	352,400	1,600	1,600	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

311- General Capital Improvement Fund

West Cliff Stair Repair

Project Description:

The repair of two stairways along West Cliff Drive. Construction is contingent on favorable tide and weather conditions. Improvements include handrails, replacement of degraded concrete treads and construction of new landings.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project #	m401402	Account # 311-40-62-9320-57306							
Project Cost Estimate:	134,343	170,000	170,000	-	-	-	-	-	-
Project Funding Estimates:									
Capital contributions-developers	70,000	-	-	-	-	-	-	-	-
Liability Insurance Fund	-	100,000	100,000	-	-	-	-	-	-
Net Project Cost Estimates:	64,343	70,000	70,000	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for General Capital Improvement Fund (311) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	3,470,102	27,368,272	27,368,672	100,000	5,575,000	27,050,000	3,270,000	950,000	36,945,000
Total Project Funding Estimate:	2,723,173	27,015,883	27,017,572	100,000	4,000,000	27,050,000	1,970,000	450,000	33,570,000
Total Net Project Cost Estimate:	746,929	352,388	351,100	-	1,575,000	-	1,300,000	500,000	3,375,000

Public Works Totals for General Capital Improvement Fund (311)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	3,470,102	27,368,272	27,368,672	100,000	5,575,000	27,050,000	3,270,000	950,000	36,945,000
Total Project Funding Estimate:	2,723,173	27,015,883	27,017,572	100,000	4,000,000	27,050,000	1,970,000	450,000	33,570,000
Total Net Project Cost Estimate:	746,929	352,388	351,100	-	1,575,000	-	1,300,000	500,000	3,375,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

316- CIP - Santa Cruz Library

Branciforte Measure S Facility Remodel

Project Description:

Measure S facility remodel project.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c351801									
									Account # 316-35-00-0000-57203
Project Cost Estimate:	54,121	4,016,108	4,016,108	254,283	-	-	-	-	254,283
Net Project Cost Estimates:	54,121	4,016,108	4,016,108	254,283	-	-	-	-	254,283

Downtown Branch Measure S

Project Description:

Measure S facility remodel project.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c351803									
									Account # 316-35-00-0000-57203
Project Cost Estimate:	95,000	5,000	109,515	500,000	24,650,000	-	-	-	25,150,000
Net Project Cost Estimates:	95,000	5,000	109,515	500,000	24,650,000	-	-	-	25,150,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

316- CIP - Santa Cruz Library

Garfield Park Measure S Facility Remodel

Project Description:

Measure S facility remodel project.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project # c351802		Account # 316-35-00-0000-57203							
Project Cost Estimate:	50,361	1,556,697	1,556,697	579,329	-	-	-	-	579,329
Net Project Cost Estimates:	50,361	1,556,697	1,556,697	579,329	-	-	-	-	579,329

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for CIP - Santa Cruz Library Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	199,482	5,577,805	5,682,320	1,333,612	24,650,000	-	-	-	25,983,612
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	199,482	5,577,805	5,682,320	1,333,612	24,650,000	-	-	-	25,983,612

Public Works Totals for CIP - Santa Cruz Library

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	199,482	5,577,805	5,682,320	1,333,612	24,650,000	-	-	-	25,983,612
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	199,482	5,577,805	5,682,320	1,333,612	24,650,000	-	-	-	25,983,612

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

317- Arterial Streets and Roads Fund

City Arterial and Collector Street Reconstruction and Overlay

Project Description:

Project includes pavement reconstruction, overlay, cape and slurry seal, and asphalt grinding of city arterial and collector streets for maintenance and reconditioning. 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 \$500,000 per year and grants average approximately \$500,000 per year. 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. Approximately 25% of the City's Measure D annual allocation is applied to this project.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c400809	Account # 317-40-64-9311-57304								
Project Cost Estimate:	17,452,496	9,583,849	9,583,849	2,200,000	2,350,000	2,400,000	2,500,000	2,600,000	12,050,000
Project Funding Estimates:									
Wastewater Fund	95,710	-	-	-	-	-	-	-	-
Gas Tax Fund	4,686,625	500,000	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Other local revenues	23,814	-	-	-	-	-	-	-	-
State capital grants	925,701	1,500,000	1,500,000	-	-	-	-	-	-
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	675,000	1,775,000	1,775,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Transfer from 2016 Trnsp Measure D	415,720	300,000	300,000	500,000	500,000	500,000	500,000	500,000	2,500,000
State grants - TDA	25,208	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	6,387,168	5,508,849	5,508,849	700,000	850,000	900,000	1,000,000	1,100,000	4,550,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

317- Arterial Streets and Roads Fund

City Residential and Collector Street Reconstruction and Overlay

Project Description:

Pavement reconstruction, overlay, cape and slurry seal, and asphalt grinding of city residential and collector streets for maintenance and reconditioning. 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. Approximately 25% of the City's Measure D annual allocation is applied to this project.

		Fiscal Year 2020							
			Estimated	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
		Prior Year	Budgeted	Actuals	Estimate	Estimate	Estimate	Estimate	2021 - 2025
Project # c400810		Account # 317-40-64-9311-57304							
Project Cost Estimate:	12,577,655	1,021,105	1,021,105	800,000	800,000	800,000	800,000	800,000	4,000,000
Project Funding Estimates:									
City Public Trust Fund	414,451	-	-	-	-	-	-	-	-
Traffic Congestion Relief Fund	587,025	-	-	-	-	-	-	-	-
Water Fund	17,978	-	-	-	-	-	-	-	-
From General Fund	500,000	-	-	-	-	-	-	-	-
Transfer from 2016 Trnsp Measure D	415,720	300,000	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Net Project Cost Estimates:	10,642,481	721,105	721,105	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 2021 - 2025

Existing Capital Projects for Arterial Streets and Roads Fund (317) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	30,030,151	10,604,954	10,604,954	3,000,000	3,150,000	3,200,000	3,300,000	3,400,000	16,050,000
Total Project Funding Estimate:	13,000,502	4,375,000	4,375,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000
Total Net Project Cost Estimate:	17,029,649	6,229,954	6,229,954	1,200,000	1,350,000	1,400,000	1,500,000	1,600,000	7,050,000

Public Works Totals for Arterial Streets and Roads Fund (317)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	30,030,151	10,604,954	10,604,954	3,000,000	3,150,000	3,200,000	3,300,000	3,400,000	16,050,000
Total Project Funding Estimate:	13,000,502	4,375,000	4,375,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000
Total Net Project Cost Estimate:	17,029,649	6,229,954	6,229,954	1,200,000	1,350,000	1,400,000	1,500,000	1,600,000	7,050,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (NEW)

721- Wastewater Enterprise Fund

Isbel Pump Station Replacement

Project Description:

Complete rebuild of this older style dry/wet well sanitary sewer pump station.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402105									
									Account # 721-40-62-7259-57312
Project Cost Estimate:	-	-	-	100,000	400,000	-	-	-	500,000
Net Project Cost Estimates:	-	-	-	100,000	400,000	-	-	-	500,000

Mentel Aerial Sewer Improvement

Project Description:

The existing 6" sewer pipe runs from Mentel Avenue to Forest Avenue. The proposed project will replace 310 LF of 6" pipeline including constructing new supports for the aerial section of pipeline.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402102									
									Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	200,000	-	-	-	-	200,000
Net Project Cost Estimates:	-	-	-	200,000	-	-	-	-	200,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (NEW)

721- Wastewater Enterprise Fund

Pelton Ave Pump Station Generator

Project Description:

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

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402104									
								Account # 721-40-62-7259-57312	
Project Cost Estimate:	-	-	-	80,000	-	-	-	-	80,000
Net Project Cost Estimates:	-	-	-	80,000	-	-	-	-	80,000

Union Street Sewer Replacement

Project Description:

This project will replace 60 LF of clay sanitary sewer pipeline by directional boring. This pipeline has deteriorated beyond repair and must be completely replaced. The pipeline runs from Union St to Chestnut St Extension down a steep hillside. The project also includes the modification of manholes N7-SM603 and N7-SM601 to accommodate the new pipeline.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402103									
								Account # 721-40-62-7259-57301	
Project Cost Estimate:	-	-	-	108,000	-	-	-	-	108,000
Net Project Cost Estimates:	-	-	-	108,000	-	-	-	-	108,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (NEW)

721- Wastewater Enterprise Fund

Walnut Avenue Sewer

Project Description:

Replace the failing clay sewer pipeline on Walnut St between Rincon St (N6-SM412) and Cedar St (N6-SM228). Replace 1025 ft. of 6 in sewer pipe with new 8 inch pipe and 325 ft. 6 inch sewer pipe with new 6 inch pipe. Rebuild and adjust selected brick manholes along the section and reconnect residential sewer laterals to new mains.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402101	Account # 721-40-62-7259-57301								
Project Cost Estimate:	-	-	-	800,000	-	-	-	-	800,000
Net Project Cost Estimates:	-	-	-	800,000	-	-	-	-	800,000

Wastewater Collections Storage

Project Description:

The wastewater collections division will need to relocate a portion of their vehicles, equipment and supplies. Permanent and temporary relocation will be required as result of the Soquel Pure Water Tertiary construction project. Relocation within City's Wastewater Treatment Facility may include construction of a small storage building. Offsite storage during construction may also be needed.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402110	Account # 721-40-62-7251-57201								
Project Cost Estimate:	-	-	-	150,000	-	-	-	-	150,000
Net Project Cost Estimates:	-	-	-	150,000	-	-	-	-	150,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

New Capital Projects for Wastewater Enterprise Fund (721) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	-	-	-	1,438,000	400,000	-	-	-	1,838,000
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	1,438,000	400,000	-	-	-	1,838,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Fairmount/Harrison Sewer Main Upgrade

Project Description:

Upgrade approximately 3000 lineal feet of 10 inch diameter sewer main to 12 inch diameter, in this neighborhood, south of Hwy 1. This trunk sewer has been identified as undersized in the sanitary sewer hydraulic model. Further investigation will be needed prior to finalizing the project scope, priority and cost.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401404									
								Account # 721-40-62-7259-57301	
Project Cost Estimate:	-	-	-	-	-	-	-	400,000	400,000
Net Project Cost Estimates:	-	-	-	-	-	-	-	400,000	400,000

Front-Spruce-Pacific-Sewer Main Rehab

Project Description:

This project is to rehabilitate the 54 inch diameter sewer main that connects to the WWTF. The sewer main, constructed in 1965, requires preventative maintenance and will be lined from Front Street, Spruce and Pacific Avenue to the WWTF. Entry points for the liner will be excavated at approximately 3 manhole locations in the above noted streets.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401606									
								Account # 721-40-62-7259-57301	
Project Cost Estimate:	7	1,099,993	1,099,993	-	-	-	-	-	-
Net Project Cost Estimates:	7	1,099,993	1,099,993	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Jesse Street Marsh

Project Description:

Funding to implement components of the approved management plan for Jesse Street marsh and park area as needed, including drainage modifications and maintenance to tidal interchange. This project is being coordinated with Parks and Recreation. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County and environmental mitigation requirements of the secondary treatment facility.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c409669	Account # 721-40-62-7259-57312								
Project Cost Estimate:	125,458	99,430	99,430	100,000	-	-	-	-	100,000
Project Funding Estimates:									
Local capital grants	70,036	35,793	35,793	47,059	-	-	-	-	47,059
Net Project Cost Estimates:	55,422	63,637	63,637	52,941	-	-	-	-	52,941

Laurent Street Sewer

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.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401809	Account # 721-40-62-7259-57301								
Project Cost Estimate:	12	249,988	249,988	-	-	-	-	-	-
Net Project Cost Estimates:	12	249,988	249,988	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

May/Coulson/Berry Trunk Sewer

Project Description:

Increase capacity and reliability of this 1,500 foot long, 10 inch diameter sewer. Replace or combine with parallel collection sewer. Project starts at intersection of May Ave/Hubbard St. and ends at Grant/Barry intersection.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402003									
Account # 721-40-62-7259-57301									
Project Cost Estimate:	-	-	-	-	-	-	750,000	-	750,000
Net Project Cost Estimates:	-	-	-	-	-	-	750,000	-	750,000

Monterey St. and Lighthouse Ave. Sewer

Project Description:

Sanitary sewer service for the residential block bordered by Santa Cruz St, Monterey St, Lighthouse Ave and West Cliff Dr is located in the backyards of these properties. The 6 inch diameter clay pipe network is difficult and in some cases impossible to access for due to fences, overgrown vegetation and distance from the street. The proposed new sewer incudes 700 feet of 8 inch diameter plastic pipe and new manholes.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401907									
Account # 721-40-62-7259-57301									
Project Cost Estimate:	-	600,000	600,000	-	-	-	-	-	-
Net Project Cost Estimates:	-	600,000	600,000	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Neary Lagoon Park Rehab-Maint. (Annual)

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 pays 8/17 of the cost based on wastewater treatment facility capacity dedicated to County and environmental mitigation requirements of the secondary treatment facility.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # m409668	Account # 721-40-62-7259-57312								
Project Cost Estimate:	2,513,159	840,501	840,501	250,000	250,000	250,000	250,000	250,000	1,250,000
Project Funding Estimates:									
Local capital grants	1,324,445	117,647	117,647	117,647	117,647	117,647	117,647	117,647	588,235
State capital grants	-	200,000	200,000	-	-	-	-	-	-
Net Project Cost Estimates:	1,188,714	522,854	522,854	132,353	132,353	132,353	132,353	132,353	661,765

Pump Station P11-SP101 Modifications

Project Description:

This 33 year old sanitary sewer pump station in the Carbonera area is in need of modifications to bring the controls, wet well and pump system up to the current city standards. This will increase capacity and reliability, and reduce maintenance and energy requirements.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # m401601	Account # 721-40-62-7259-57301								
Project Cost Estimate:	10,214	194,648	194,648	100,000	-	-	-	-	100,000
Net Project Cost Estimates:	10,214	194,648	194,648	100,000	-	-	-	-	100,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

San Lorenzo River Sanitary Sewer Siphon

Project Description:

There are 3 sanitary sewer lines (42, 24 and 14 inch diameter) that are below the San Lorenzo River bottom and convey all the wastewater flows from the eastside to the WWTP. The lines were partially cleaned in recent years, but a thorough inspection was not possible at that time. A new pipe cleaning method was used in 2012 and 2013 that allowed a complete inspection of the lines, determining that a repair and lining were needed on the 42 inch diameter sewer main, which was completed in FY 2014. Future inspection and cleaning is anticipated with remaining funds.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401315									
								Account # 721-40-62-7259-57301	
Project Cost Estimate:	717,978	307,022	307,022	-	-	-	-	-	-
Net Project Cost Estimates:	717,978	307,022	307,022	-	-	-	-	-	-

Sewer Realignment Project

Project Description:

The 900 foot long, 12 inch sanitary sewer from Logan St (MH P5-SM209) to the intersection at Brook Ave and Doane St (MH P5-SM419) is located in inaccessible easement. Realign sewer to improve maintenance and reliability.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402005									
								Account # 721-40-62-7259-57301	
Project Cost Estimate:	-	-	-	-	100,000	-	-	500,000	600,000
Net Project Cost Estimates:	-	-	-	-	100,000	-	-	500,000	600,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Sewer System Improvements

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, 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 on Curtis Street and Trevethan Avenue.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401511	Account # 721-40-62-7251-57304								
Project Cost Estimate:	3,238,027	1,344,973	1,344,973	600,000	600,000	600,000	600,000	600,000	3,000,000
Net Project Cost Estimates:	3,238,027	1,344,973	1,344,973	600,000	600,000	600,000	600,000	600,000	3,000,000

Trevethan Avenue Sewer

Project Description:

The existing sewer line is located within existing unused street rights-of-way, which are currently front yards of the Trevethan residences between Parnell and East Gate. This presents operational problems when attempting to do maintenance on the line. The project includes investigating the relocation, and if feasible, constructing a 1,100 lineal feet of new sewer line in the street and reconnecting sewer laterals, from Parnell to Soquel Avenue. A companion storm drain project is proposed in the General CIP fund.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401810	Account # 721-40-62-7259-57301								
Project Cost Estimate:	-	20,000	20,000	-	200,000	-	-	-	200,000
Net Project Cost Estimates:	-	20,000	20,000	-	200,000	-	-	-	200,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

WWTF Infra. and Major Equip Study

Project Description:

Implement recommendations of the WWTF Infrastructure and Major equipment Study which prioritizes equipment replacement and upgrades. County pays 8/17 of cost based on wastewater treatment capacity dedicated to County.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401706	Account # 721-40-62-7252-57301								
Project Cost Estimate:	309,275	640,225	640,225	2,000,000	1,000,000	2,000,000	3,000,000	3,000,000	11,000,000
Project Funding Estimates:									
Local capital grants	184,861	312,333	312,333	941,176	470,588	941,176	1,411,765	1,411,765	5,176,470
Net Project Cost Estimates:	124,414	327,891	327,891	1,058,824	529,412	1,058,824	1,588,235	1,588,235	5,823,530

WWTF Ultraviolet Disinfections Sys Repl

Project Description:

Replace the existing and aging ultraviolet light disinfection system, including controls and lamps, with current technology. There are energy savings expected with the new system. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401504	Account # 721-40-62-7259-57301								
Project Cost Estimate:	137,036	5,062,964	5,062,964	-	-	-	-	-	-
Project Funding Estimates:									
Local capital grants	19,113	1,394,652	1,394,652	-	-	-	-	-	-
Net Project Cost Estimates:	117,922	3,668,312	3,668,312	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

WWTF-Electrical System

Project Description:

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

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401405									
									Account # 721-40-65-7252-57301
Project Cost Estimate:	-	-	-	2,000,000	6,000,000	8,000,000	2,000,000	4,000,000	22,000,000
Project Funding Estimates:									
Local capital grants	-	-	-	941,176	2,823,529	3,764,706	941,176	1,882,353	10,352,940
Net Project Cost Estimates:	-	-	-	1,058,824	3,176,471	4,235,294	1,058,824	2,117,647	11,647,060

WWTF-Equipment Replacement

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 pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # m409659									
									Account # 721-40-62-7252-57301
Project Cost Estimate:	6,743,841	2,503,086	2,503,086	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000
Project Funding Estimates:									
Local capital grants	2,956,331	1,004,645	1,004,645	235,294	470,588	470,588	470,588	470,588	2,117,646
Net Project Cost Estimates:	3,787,510	1,498,441	1,498,441	264,706	529,412	529,412	529,412	529,412	2,382,354

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

WWTF-Laboratory Modernization

Project Description:

The project includes redesigning the existing laboratory consistent with its mission by improving microbiological, chemical and toxicological methods in support of permitting and environmental requirements for NPDES, plant processes and community dischargers. The design may be initiated in FY2019 and constructed in FY 2021. County pays 8/17 of the cost based on the wastewater treatment facility capacity dedicated to County.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401608	Account # 721-40-62-7259-57301								
Project Cost Estimate:	-	250,000	250,000	-	1,500,000	-	-	-	1,500,000
Project Funding Estimates:									
Local capital grants	-	117,647	117,647	-	705,882	-	-	-	705,882
Net Project Cost Estimates:	-	132,353	132,353	-	794,118	-	-	-	794,118

WWTF-Reclaim Water

Project Description:

Improve reliability and performance of existing water filtration system. Further improvements will be required for future and larger scale water reuse programs. County pays 8/17 of the cost based on the system design and installation at the WWTF, based on the wastewater treatment facility capacity dedicated to County.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401604	Account # 721-40-62-7259-57301								
Project Cost Estimate:	47,550	602,450	602,450	-	-	-	-	-	-
Project Funding Estimates:									
Local capital grants	117,849	188,235	188,235	-	-	-	-	-	-
Net Project Cost Estimates:	(70,299)	414,215	414,215	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

721- Wastewater Enterprise Fund

WWTF-Upgrade Digester Equipment

Project Description:

Digester equipment including gas compressors, motors, pumps, valves and piping is in operation every day, 24 hours a day. Digesters 2 and 3 will be done in FY2020. The County pays 8/17 of the cost based on wastewater treatment facility capacity dedicated to the County.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401607	Account # 721-40-62-7259-57301								
Project Cost Estimate:	535,559	214,441	214,441	300,000	-	500,000	-	500,000	1,300,000
Project Funding Estimates:									
Local capital grants	264,302	88,639	88,639	141,176	-	235,294	-	235,294	611,764
Net Project Cost Estimates:	271,257	125,802	125,802	158,824	-	264,706	-	264,706	688,236

WWTF-Water Piping Rehabilitation

Project Description:

A wastewater treatment facility on site reclaimed water supply piping evaluation has shown the system is suffering from corrosion and water pressure reduction and in need of a system replacement. Sporadic repairs/replacement have been done by City staff over the years, however the system is at the point of requiring a comprehensive overhaul. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401407	Account # 721-40-62-7259-57301								
Project Cost Estimate:	-	1,000,000	1,000,000	-	-	-	-	-	-
Project Funding Estimates:									
Local capital grants	-	470,588	470,588	-	-	-	-	-	-
Net Project Cost Estimates:	-	529,412	529,412	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for Wastewater Enterprise Fund (721) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	14,378,115	15,029,721	15,029,721	5,850,000	10,650,000	12,350,000	7,600,000	10,250,000	46,700,000
Total Project Funding Estimate:	4,936,938	3,930,179	3,930,179	2,423,528	4,588,234	5,529,411	2,941,176	4,117,647	19,599,996
Total Net Project Cost Estimate:	9,441,177	11,099,541	11,099,541	3,426,472	6,061,766	6,820,589	4,658,824	6,132,353	27,100,004

Public Works Totals for Wastewater Enterprise Fund (721)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	14,378,115	15,029,721	15,029,721	7,288,000	11,050,000	12,350,000	7,600,000	10,250,000	48,538,000
Total Project Funding Estimate:	4,936,938	3,930,179	3,930,179	2,423,528	4,588,234	5,529,411	2,941,176	4,117,647	19,599,996
Total Net Project Cost Estimate:	9,441,177	11,099,541	11,099,541	4,864,472	6,461,766	6,820,589	4,658,824	6,132,353	28,938,004

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (NEW)

731- Refuse Enterprise Fund

Recycling Center Storm Water Quality Improvements

Project Description:

Development, design and construction of a below ground stormwater basin in the existing parking lot to manage stormwater runoff generated at the recycling center.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402111									
									Account # 731-40-62-7353-57308
Project Cost Estimate:	-	-	-	1,500,000	500,000	-	-	-	2,000,000
Net Project Cost Estimates:	-	-	-	1,500,000	500,000	-	-	-	2,000,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

New Capital Projects for Refuse Enterprise Fund (731) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	-	-	-	1,500,000	500,000	-	-	-	2,000,000
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	1,500,000	500,000	-	-	-	2,000,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

731- Refuse Enterprise Fund

CNG Fueling Station and Fleet Maintenance Shop Safety Improvements

Project Description:

The Resource Recovery collection division is in the process of purchasing new CNG (compressed natural gas) trucks to replace the aging fleet of trucks. The City is currently fueling refuse trucks at the SC Metro CNG fueling station. Improvements to the City fleet maintenance facility so that servicing of the new equipment can be done, meeting code requirements.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401613									
									Account # 731-40-61-7359-57203
Project Cost Estimate:	17,706	47,294	47,294	-	-	-	-	-	-
Net Project Cost Estimates:	17,706	47,294	47,294	-	-	-	-	-	-

Dimeo Lane Paving and Storm Drain

Project Description:

Dimeo Lane is the only access to the City's Landfill and Recycling Center, and with the truck traffic, the road base and surface are in need of repair. This project includes pavement repairs and minor storm drain improvements for Dimeo as needed.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c401312									
									Account # 731-40-62-7352-57308
Project Cost Estimate:	149,501	499	499	1,000,000	-	-	-	-	1,000,000
Net Project Cost Estimates:	149,501	499	499	1,000,000	-	-	-	-	1,000,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

731- Refuse Enterprise Fund

Food Waste Collection and Conversion

Project Description:

Program development is in progress which includes consulting services, permitting, minor capital and/or rental cost of equipment to evaluate and develop the program to collect food waste and alternatives to landfilling. Funding for design and construction is proposed in FY18.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401204	Account # 731-40-62-7352-57308								
Project Cost Estimate:	1,260,770	1,160,780	1,160,780	-	-	-	-	-	-
Net Project Cost Estimates:	1,260,770	1,160,780	1,160,780	-	-	-	-	-	-

Gas Probe Remediation

Project Description:

Install 4 methane gas monitoring and relief wells to remediate methane exceedance readings at monitoring well W19G-MR in accordance with state requirements.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401908	Account # 731-40-62-7359-57308								
Project Cost Estimate:	-	75,000	75,000	100,000	-	-	-	-	100,000
Net Project Cost Estimates:	-	75,000	75,000	100,000	-	-	-	-	100,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

731- Refuse Enterprise Fund

Landfill Master Plan Development

Project Description:

Planning, development, design and construction of a master excavation plan for the landfill, next new Cell 3B, partial final closure, west canyon final slope repair and desilting basin. Planning and development is proposed in FY19. The final design, and plans and specifications with other related documents is proposed in FY20. The construction of new Cell 3B and partial final closure is proposed in FY22.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401909	Account # 731-40-62-7359-57308								
Project Cost Estimate:	256,582	1,523,418	1,523,418	3,500,000	500,000	100,000	100,000	100,000	4,300,000
Net Project Cost Estimates:	256,582	1,523,418	1,523,418	3,500,000	500,000	100,000	100,000	100,000	4,300,000

Recycling Building and Equipment Improvement

Project Description:

Project includes the upgrade and replacement of the Single Stream Recycling equipment, installing bunkers, push walls and replacing warped beams, damaged metal walls, and tent sections around the recycling building as needed.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401811	Account # 731-40-62-7353-57308								
Project Cost Estimate:	160,201	189,799	189,799	-	1,000,000	-	-	-	1,000,000
Net Project Cost Estimates:	160,201	189,799	189,799	-	1,000,000	-	-	-	1,000,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

731- Refuse Enterprise Fund

Solar PV Installation at the Landfill

Project Description:

This project consists of designing and installing a 205kW solar photovoltaic system on the roof of the Landfill's Recycling Sorting Facility. Most project costs will be wrapped into a Power Purchase Agreement, however there may be ancillary city costs.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project # c101902									
Account # 731-10-00-9410-57290									
Project Cost Estimate:	-	666,300	666,300	-	-	-	-	-	-
Net Project Cost Estimates:	-	666,300	666,300	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for Refuse Enterprise Fund (731) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	1,844,759	3,663,091	3,663,091	4,600,000	1,500,000	100,000	100,000	100,000	6,400,000
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	1,844,759	3,663,091	3,663,091	4,600,000	1,500,000	100,000	100,000	100,000	6,400,000

Public Works Totals for Refuse Enterprise Fund (731)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	1,844,759	3,663,091	3,663,091	6,100,000	2,000,000	100,000	100,000	100,000	8,400,000
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	1,844,759	3,663,091	3,663,091	6,100,000	2,000,000	100,000	100,000	100,000	8,400,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (NEW)

741- Parking Enterprise Fund

Downtown Parking Garages Signs and Paint Upgrade

Project Description:

Parking garage beautification project to update exterior and interior wayfinding signage, customer information, safety signage and painting interiors.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402107									
									Account # 741-40-64-7452-57309
Project Cost Estimate:	-	-	-	200,000	-	-	-	-	200,000
Net Project Cost Estimates:	-	-	-	200,000	-	-	-	-	200,000

Locust Garage Improvements

Project Description:

Facility improvements in accordance with the upcoming Facility Survey. Likely to include deck restoration, concrete repairs, waterproofing and other improvements to extend the useful life of the garage.

	Prior Year	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budgeted	Estimated Actuals						
Project # c402106									
									Account # 741-40-64-7452-57309
Project Cost Estimate:	-	-	-	250,000	500,000	-	-	-	750,000
Net Project Cost Estimates:	-	-	-	250,000	500,000	-	-	-	750,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (NEW)

741- Parking Enterprise Fund

Soquel Garage Improvements

Project Description:

Facility improvements in accordance with the upcoming Facility Survey. Likely to include deck restoration, concrete repairs, waterproofing and other improvements to extend the useful life of the garage.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals						
Project # c402108									
									Account # 741-40-64-7452-57309
Project Cost Estimate:	-	-	-	-	300,000	300,000	-	-	600,000
Net Project Cost Estimates:	-	-	-	-	300,000	300,000	-	-	600,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

New Capital Projects for Parking Enterprise Fund (741) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	-	-	-	450,000	800,000	300,000	-	-	1,550,000
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	450,000	800,000	300,000	-	-	1,550,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

741- Parking Enterprise Fund

Downtown Bike Locker Replacement Program

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.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401812	Account # 741-40-64-7459-57307								
Project Cost Estimate:	74,749	200,251	200,251	-	-	-	-	-	-
Project Funding Estimates:									
Transfer from 2016 Trnsp Measure D	50,000	150,000	150,000	-	-	-	-	-	-
Measure D - City	-	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	24,749	50,251	50,251	-	-	-	-	-	-

Elevator Controls Upgrade

Project Description:

Update elevator controls at Soquel Front Parking Structure to replace worn and obsolete equipment.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402004	Account # 741-40-64-7452-57309								
Project Cost Estimate:	-	150,000	150,000	-	-	-	-	-	-
Net Project Cost Estimates:	-	150,000	150,000	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

741- Parking Enterprise Fund

Lot 7, Front/Cathcart Reconstruction

Project Description:

Reconstruction of surface lot at Cathcart/Front due to poor drainage, pavement conditions, and lighting. Includes conversion of lot to a paid parking facility.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c400007									
									Account # 741-40-64-7452-57309
Project Cost Estimate:	141,628	488,372	-	-	-	-	-	-	-
Project Funding Estimates:									
RDA Successor Agency	169	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	141,459	488,372	-	-	-	-	-	-	-

Parking Equipment Replacement- Locust Garage

Project Description:

This project replaces the current Parking Access and Revenue Control Equipment in the Locust Garage as the distributor has gone out of business.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401705									
									Account # 741-40-64-7452-57309
Project Cost Estimate:	-	750,000	750,000	-	-	-	-	-	-
Net Project Cost Estimates:	-	750,000	750,000	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

741- Parking Enterprise Fund

Parking Equipment Replacement- River Front Garage

Project Description:

This project replaces the current Parking Access and Revenue Control Equipment in the River Front Garage as the distributor has gone out of business.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401703	Account # 741-40-64-7452-57309								
Project Cost Estimate:	184,912	565,088	689,191	-	-	-	-	-	-
Project Funding Estimates:									
Other fines and forfeits	121,487	-	-	-	-	-	-	-	-
Net Project Cost Estimates:	63,425	565,088	689,191	-	-	-	-	-	-

Parking Equipment Replacement- Soquel/Front Garage

Project Description:

This project replaces the current Parking Access and Revenue Control Equipment in The Soquel/Front Garage as the distributor has gone out of business.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401704	Account # 741-40-64-7452-57309								
Project Cost Estimate:	11	749,989	749,989	-	-	-	-	-	-
Net Project Cost Estimates:	11	749,989	749,989	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

741- Parking Enterprise Fund

River-Front and Cedar Garages Deck Restoration

Project Description:

This project improves the structural integrity of the roof parking decks on both garages by repairing and sealing the pretension double tee connectors, concrete spalling and eliminating water intrusions at expansion joints. This project will increase the longevity of both garages. The Cedar-Church Garage was completed in FY17, and the River-Front Garage is to be complete for FY18.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025						
	Prior Year	Budgeted	Estimated Actuals												
Project # c401508															
Account # 741-40-64-7452-57309															
Project Cost Estimate:	1,717,440	632,560	632,560	-	-	-	-	-	-						
Net Project Cost Estimates:	1,717,440	632,560	632,560	-	-	-	-	-	-						

River-Front Garage Elevator

Project Description:

This project provides for the design and construction of a modular elevator to provide ADA compliance and improved access to all levels of the River-Front Garage.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025						
	Prior Year	Budgeted	Estimated Actuals												
Project # c401509															
Account # 741-40-64-7452-57309															
Project Cost Estimate:	-	300,000	-	100,000	-	-	-	-	100,000						
Net Project Cost Estimates:	-	300,000	-	100,000	-	-	-	-	100,000						

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

741- Parking Enterprise Fund

Soquel Garage Comingled Plume

Project Description:

Ongoing hazardous waste cleanup monitoring.

		Fiscal Year 2020			FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
	Prior Year	Budgeted	Estimated Actuals							
Project # c400002		Account # 741-40-64-7452-57309								
Project Cost Estimate:	401,394	71,119	71,119	-	-	-	-	-	-	
Project Funding Estimates:										
State capital grants	434,781	71,119	71,119	-	-	-	-	-	-	
Net Project Cost Estimates:	(33,387)	-	-	-	-	-	-	-	-	

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for Parking Enterprise Fund (741) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	2,520,134	3,907,379	3,243,110	100,000	-	-	-	-	100,000
Total Project Funding Estimate:	606,437	221,119	221,119	-	-	-	-	-	-
Total Net Project Cost Estimate:	1,913,697	3,686,260	3,021,991	100,000	-	-	-	-	100,000

Public Works Totals for Parking Enterprise Fund (741)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	2,520,134	3,907,379	3,243,110	550,000	800,000	300,000	-	-	1,650,000
Total Project Funding Estimate:	606,437	221,119	221,119	-	-	-	-	-	-
Total Net Project Cost Estimate:	1,913,697	3,686,260	3,021,991	550,000	800,000	300,000	-	-	1,650,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

751- Storm Water Enterprise Fund

Branciforte Creek Channel Repair and Maintenance

Project Description:

A Channel Condition Assessment report by MTC was completed in 2008. The report identifies deferred maintenance which include epoxy repairs of 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 been applied for.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401313	Account # 751-40-60-7501-57311								
Project Cost Estimate:	124,125	310,997	310,997	40,000	3,000,000	40,000	40,000	40,000	3,160,000
Project Funding Estimates:									
State capital grants	-	-	-	-	2,400,000	-	-	-	2,400,000
Net Project Cost Estimates:	124,125	310,997	310,997	40,000	600,000	40,000	40,000	40,000	760,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for Storm Water Enterprise Fund (751) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	124,125	310,997	310,997	40,000	3,000,000	40,000	40,000	40,000	3,160,000
Total Project Funding Estimate:	-	-	-	-	2,400,000	-	-	-	2,400,000
Total Net Project Cost Estimate:	124,125	310,997	310,997	40,000	600,000	40,000	40,000	40,000	760,000

Public Works Totals for Storm Water Enterprise Fund (751)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	124,125	310,997	310,997	40,000	3,000,000	40,000	40,000	40,000	3,160,000
Total Project Funding Estimate:	-	-	-	-	2,400,000	-	-	-	2,400,000
Total Net Project Cost Estimate:	124,125	310,997	310,997	40,000	600,000	40,000	40,000	40,000	760,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (NEW)

752- Storm Water Overlay Enterprise Fund

FEMA Certification of San Lorenzo River

Project Description:

Perform FEMA required evaluation of the levee system in order to change flood maps to reflect levee upgrades.

		Fiscal Year 2020							
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c402109	Account # 752-40-61-7552-57311								
Project Cost Estimate:	-	-	-	700,000	-	-	-	-	700,000
Net Project Cost Estimates:	-	-	-	700,000	-	-	-	-	700,000

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

New Capital Projects for Storm Water Overlay Enterprise Fund (752) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	-	-	-	700,000	-	-	-	-	700,000
Total Project Funding Estimate:	-	-	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	700,000	-	-	-	-	700,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

752- Storm Water Overlay Enterprise Fund

Downtown SLR Drainage System Assessment

Project Description:

Assess drainage system tributary to River based on FEMA requirements. Assessment will include a detailed analysis of Pump Station No. 1's capacity to handle large storm events. A preliminary design of any recommended improvements will be included in the assessment and future CIPs.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401707	Account # 752-40-61-7552-57311								
Project Cost Estimate:	435	129,565	129,565	300,000	50,000	2,500,000	-	-	2,850,000
Net Project Cost Estimates:	435	129,565	129,565	300,000	50,000	2,500,000	-	-	2,850,000

San Lorenzo River Levee Storm Drain Maintenance

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 and experience with the Clean Beaches Program projects that the system requires additional and significant repair and maintenance. This project provides ongoing funding to address minor deficiencies.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c401314	Account # 752-40-61-7552-57311								
Project Cost Estimate:	105,554	84,446	164,446	80,000	40,000	40,000	40,000	40,000	240,000
Net Project Cost Estimates:	105,554	84,446	164,446	80,000	40,000	40,000	40,000	40,000	240,000

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Public Works (EXISTING)

752- Storm Water Overlay Enterprise Fund

San Lorenzo River Pump Station #2

Project Description:

This project proposes to increase the capacity of this pump station that serves the Beach Area by replacing the existing pumps and electronic controls to increase pumping capacity for a 100 year return period storm.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Prior Year	Estimated Actuals						
Project # c401207									
								Account # 752-40-61-7552-57311	
Project Cost Estimate:	194,562	99,438	99,438	-	-	-	-	-	-
Net Project Cost Estimates:	194,562	99,438	99,438	-	-	-	-	-	-

San Lorenzo River Walk Lighting

Project Description:

The approved project application to add additional pedestrian scale lighting to the levee system was approved by the State in the 2017 Active Transportation Program Augmentation process and includes decorative LED lighting from the Water Street Bridge to the Highway 1 Bridge on both sides of the levee. Design funds are programmed in 2020 and construction funds in 2021.

		Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Prior Year	Estimated Actuals						
Project # c401910									
								Account # 752-40-61-7559-57305	
Project Cost Estimate:	-	95,000	95,000	-	-	-	-	-	-
Project Funding Estimates:									
State capital grants - ATP	-	95,000	95,000	-	-	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-	-	-

City of Santa Cruz
 Adopted Capital Investment Program Budget (by department)
 Fiscal Years 2021 - 2025

Public Works (EXISTING)

752- Storm Water Overlay Enterprise Fund

SLR Flood Control Environ Rest Project

Project Description:

Provides for the anticipated costs of the City's share of additional flood control measures for Phase IV of the project which includes sediment removal or levee modifications. The scope of the project is being negotiated with The US Army Corps of Engineers and the schedule for construction is unknown.

Fiscal Year 2020									
	Prior Year	Budgeted	Estimated Actuals	FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
Project # c409512	Account # 752-40-61-7552-57311								
Project Cost Estimate:	3,398,254	131,596	131,596	-	-	-	-	-	-
Project Funding Estimates:									
State capital grants	289,515	35,000	133,683	-	-	-	-	-	-
Net Project Cost Estimates:	3,108,739	96,596	(2,088)	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Investment Program Budget (by department)
Fiscal Years 2021 - 2025

Existing Capital Projects for Storm Water Overlay Enterprise Fund (752) Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	3,698,805	540,045	620,045	380,000	90,000	2,540,000	40,000	40,000	3,090,000
Total Project Funding Estimate:	289,515	130,000	228,683	-	-	-	-	-	-
Total Net Project Cost Estimate:	3,409,289	410,045	391,362	380,000	90,000	2,540,000	40,000	40,000	3,090,000

Public Works Totals for Storm Water Overlay Enterprise Fund (752)

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	3,698,805	540,045	620,045	1,080,000	90,000	2,540,000	40,000	40,000	3,790,000
Total Project Funding Estimate:	289,515	130,000	228,683	-	-	-	-	-	-
Total Net Project Cost Estimate:	3,409,289	410,045	391,362	1,080,000	90,000	2,540,000	40,000	40,000	3,790,000

Public Works Totals

	Prior Year Totals	Fiscal Year 2020		FY 2021 Estimate	FY 2022 Estimate	FY 2023 Estimate	FY 2024 Estimate	FY 2025 Estimate	Total 2021 - 2025
		Budget	Estimated Actuals						
Total Project Cost Estimate:	63,274,737	90,942,601	90,463,248	20,391,612	50,915,000	64,330,000	16,250,000	20,180,000	172,066,612
Total Project Funding Estimate:	27,422,339	56,776,798	56,877,170	4,923,528	13,138,234	51,379,411	7,511,176	10,667,647	87,619,996
Total Net Project Cost Estimate:	35,852,398	34,165,804	33,586,078	15,468,084	37,776,766	12,950,589	8,738,824	9,512,353	84,446,616