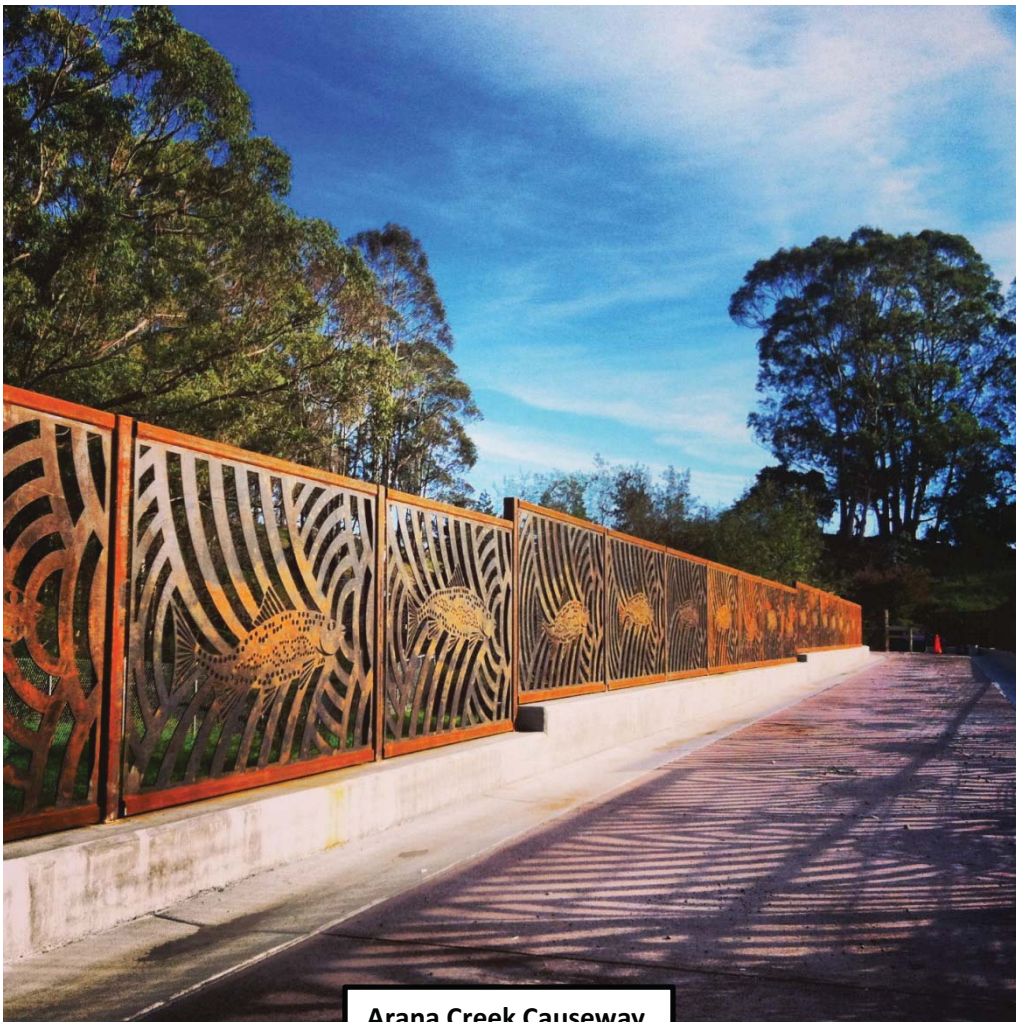


Public Works Department Capital Improvement Projects

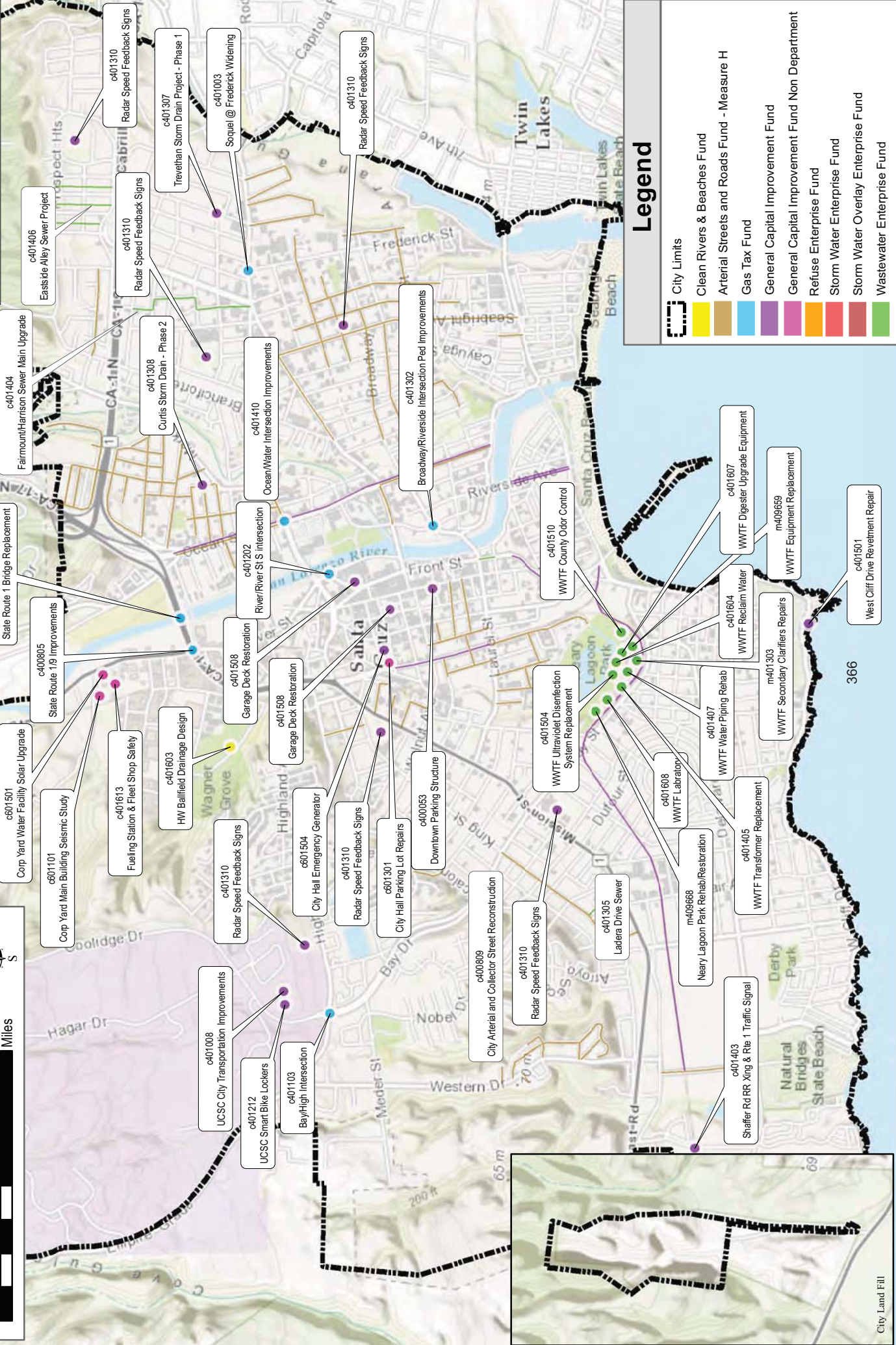


Arana Creek Causeway

Capital Improvement Projects
FY 2016 – FY 2018
Public Works
City of Santa Cruz



Unmapped Projects	
CIP Number	Project Name
c401602	Citywide Traffic Signal Controller Upgrade
c401513	Green Lane Project
c401418	LED Street Light Replacement
c401610	Catch Basin Replacement Project
c401612	Handicap Access Ramp Program
c401609	Pedestrian Crossing Walk Safety Projects
m609195	Public Facilities Energy Saving Improvements



Legend

City Limits

Clean Rivers & Beaches Fund

Arterial Streets and Roads Fund - Measure H

Gas Tax Fund

General Capital Improvement Fund

General Capital Improvement Fund Non Department

Refuse Enterprise Fund

Storm Water Enterprise Fund

Storm Water Overlay Enterprise Fund

Wastewater Enterprise Fund

Public Works Department

Capital Improvement Projects

FY 2015 Completed Projects



Green Lane



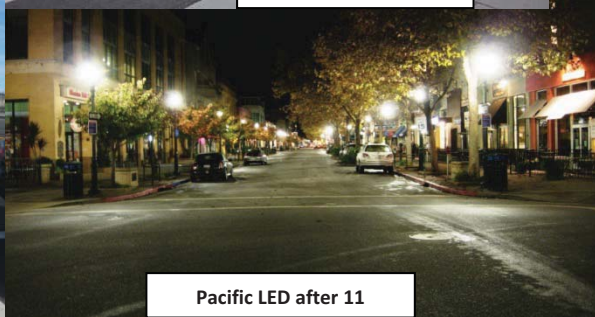
Arterial Street Rehab



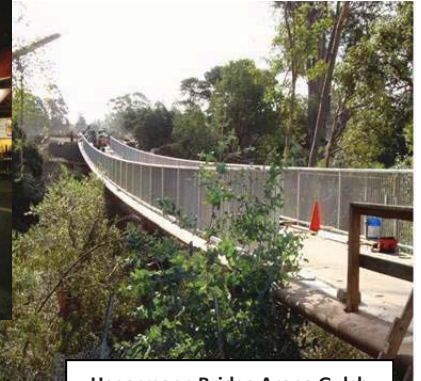
WWTF Centrifuge



Laurel Street Green Markings



Pacific LED after 11



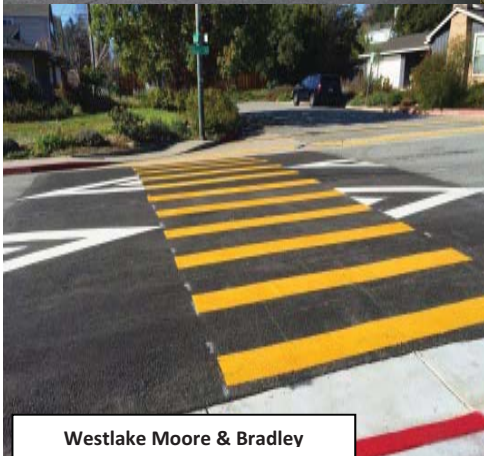
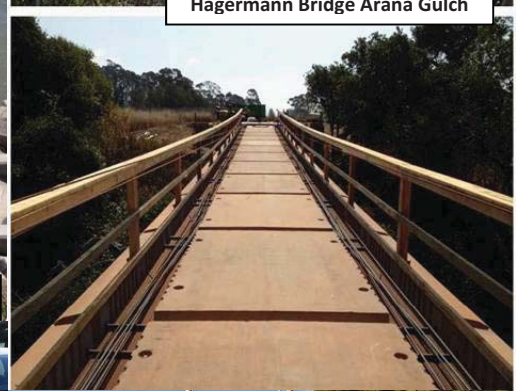
Hagermann Bridge Arana Gulch



Chestnut Slip Out



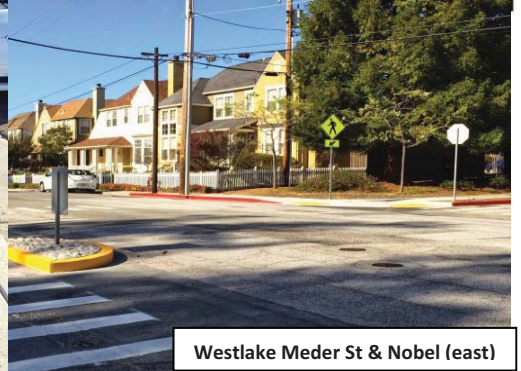
Indicators Stair Repair



Westlake Moore & Bradley



Westlake Spring St. Sidewalk



Westlake Meder St & Nobel (east)

City of Santa Cruz Adopted Capital Improvement Program Budget (by department) Fiscal Years 2016 - 2018	
Public Works (NEW)	221- Gas Tax Fund
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 project that is being implemented on Ocean Street in 2015.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401602							Account # 221-40-64-9330-57307
Project Cost Estimate:	-	-	-	165,000	165,000	-	330,000
Net Project Cost Estimates:	-	-	-	165,000	165,000	-	330,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

New Capital Projects for Gas Tax Fund (221) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	-	-	-	165,000	165,000	-	330,000
Total Project Funding Estimate:	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	165,000	165,000	-	330,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

221- Gas Tax Fund

Bay/High Intersection Improvements

Project Description:

With General Plan build out, this intersection will operate at LOS F (severely congested with significant delay) and currently has collisions associated with unprotected left-turns. The proposed improvements are based on recommendations of a RECENT study. Improvements may include the installation of protected left-turns on High Street or a roundabout. Concept approval, environmental review and design in FY 2016, with construction anticipated in FY 2017 if approved. The cost estimate is preliminary and will be refined during current phase. Project is contingent on City, University and grant approval. Air District grant for concept development was approved. Grant application for additional funding has not yet been filed.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
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:	-	-	-	-	-	-	-

Beach/Cliff Traffic Signal

Project Description:

Project is in the approved Beach/SOLA plan and will reduce congestion, and improve pedestrian and bike safety. The traffic signal design and construction is proposed following FY2015. Project is contingent on collecting traffic impact fees and grant award. Grant application for funding has not yet been filed. Project should be completed after Pacific/Beach Roundabout is operational.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401303	Account # 221-40-64-9320-57306						
Project Cost Estimate:	-	230,000	230,000	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	-	70,000	70,000	-	-	-	-
Federal capital grants	-	160,000	160,000	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

221- Gas Tax Fund

Branciforte Creek Bike/Pedestrian Bridge

Project Description:

Project is included in the approved Bike and San Lorenzo River Plans. The project provides an important bike and pedestrian connection between the San Lorenzo Park and the levee path south of the Soquel Bridge, and includes a bike/pedestrian bridge crossing over Branciforte Creek. The concept design and environmental review has been completed and approved by City Council. Design has been initiated in FY 2014 and a \$300,000 STP grant has been awarded for this. Construction may be possible in FY 2016 contingent on grant funding, and permitting. Staff has applied for an Active Transportation Program grant for construction funding.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401001							Account # 221-40-64-9370-57310
Project Cost Estimate:	165,381	2,809,618	2,809,618	-	-	-	-
Project Funding Estimates:							
Fed grants - STIP	-	1,600,000	1,600,000	-	-	-	-
State capital grants	75,000	-	-	-	-	-	-
Traffic Impact - Citywide	11,580	188,420	188,420	-	-	-	-
RDA Successor Agency	48,208	-	-	-	-	-	-
State grants-RXTPX Funds	30,193	269,807	269,807	-	-	-	-
Net Project Cost Estimates:	400	751,391	751,391	-	-	-	-

Bridge Maintenance

Project Description:

Repair of identified maintenance deficiencies such as damaged deck joints, concrete spilling 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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m401302							Account # 221-40-64-9370-57310
Project Cost Estimate:	-	200,000	200,000	-	-	-	-
Project Funding Estimates:							
Federal capital grants	-	160,000	160,000	-	-	-	-
Net Project Cost Estimates:	-	40,000	40,000	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

221 - Gas Tax Fund

Murray Street Bridge Seismic Retrofit and Barrier Rail

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 decorative street lighting. The relocation of harbor facilities and boat docks is required during construction, as well as one-way traffic control on the bridge. Environmental review was completed in FY 2012, 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 is anticipated starting in the latter part of FY 2016 or early 2017 (approximately 2 years of construction) contingent on right-of-way approval and utility relocation.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c409321							Account # 221-40-62-9370-57310
Project Cost Estimate:	2,909,495	9,220,286	9,220,286	-	-	-	-
Project Funding Estimates:							
Federal capital grants	2,182,975	9,045,522	9,045,522	-	-	-	-
Net Project Cost Estimates:	513,756	174,764	174,764	-	-	-	-

Ocean/Broadway Intersection Study

Project Description:

A project to improve safety and reduce congestion was approved in the Beach/SOLA plan and is also included in the Cumulative Development Traffic Study. The first phase is to evaluate site conditions, and forecast traffic to determine short and long term solutions, such as restricting left-turns or widening the intersection to provide left-turns, bike lanes and pedestrian improvements. Cost estimates will be developed in this first phase for future programming.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401104							Account # 221-40-62-9390-57304
Project Cost Estimate:	-	75,000	75,000	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	-	75,000	75,000	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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. This project includes a second left-turn lane on Water southbound to Water, and a right-turn lane on Water eastbound. The project will include the new Ocean Street design concepts. Signal modifications and widening are also required. The project design has been initiated in FY 2014 and construction will be initiated in FY 2015, and include developer contributions.

		Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
	Prior Year Totals	Budget	Estimated Actuals				
Project # c401410		Account # 221-40-64-9320-57304					
Project Cost Estimate:	-	600,000	600,000	150,000	-	-	150,000
Project Funding Estimates:							
Capital contributions-developers	-	-	-	150,000	-	-	150,000
Net Project Cost Estimates:	-	600,000	600,000	-	-	-	-

River/River Street South Intersection Study

Project Description:

This intersection is currently impacted, backing traffic into the Water/River Street intersection and affecting Water Street traffic, bike lanes, and the pedestrian crossing. A study has been initiated that will evaluate intersection congestion and safety to determine short and long term solutions, such as revising the multi-way stop, or installing a traffic signal or roundabout. Cost estimates will be developed in this first phase for future programming, with some preliminary design and construction funding identified for FY 2015 and FY 2017.

		Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018	
	Prior Year Totals	Budget	Estimated Actuals					
Project # c401202		Account # 221-40-62-9390-57304						
Project Cost Estimate:		-	175,000	175,000	-	500,000	-	500,000
Project Funding Estimates:								
Federal capital grants		-	-	-	-	400,000	-	400,000
Net Project Cost Estimates:		-	175,000	175,000	-	100,000	-	100,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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 contingent on the Riverside Ave Utility undergrounding project funding.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401105							Account # 221-40-64-9320-57306
Project Cost Estimate:	75,296	174,705	174,705	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	50,000	-	-	-	-	-	-
Net Project Cost Estimates:	25,296	174,705	174,705	-	-	-	-

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401003							Account # 221-40-64-9311-57304
Project Cost Estimate:	15,934	322,066	322,066	-	-	-	-
Project Funding Estimates:							
Federal capital grants	-	188,000	188,000	-	-	-	-
Net Project Cost Estimates:	14,064	134,066	134,066	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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 in FY 2016 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 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401402	Account # 221-40-64-9370-57310						
Project Cost Estimate:	-	1,500,000	1,350,000	-	-	15,000,000	15,000,000
Project Funding Estimates:							
Federal capital grants	-	500,000	500,000	-	-	14,000,000	14,000,000
Net Project Cost Estimates:	-	1,000,000	850,000	-	-	1,000,000	1,000,000

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 reduced congestion and improved safety. The Project Study Report and environmental review are completed and awaiting Caltrans final approval. Project design had been initiated in FY 2015 and right-of-way acquisition proposed in FY 2016. Construction of the intersection improvements is anticipated in FY2017. The State Proposition 1B grant funds are no longer available due to project delays and therefore is anticipated that traffic impact fees and/or more grant funds will be needed. STIP grants of \$1,329,000 were awarded for construction.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c400805	Account # 221-40-64-9330-57304						
Project Cost Estimate:	10,799	5,431,303	5,431,303	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	3,737	1,564,263	1,564,263	-	1,340,000	-	1,340,000
Econ Develop Trust Fund	-	-	-	-	500,000	-	500,000
State grants - Prop 1B	-	2,000,000	2,000,000	-	-	-	-
Federal capital grants	-	-	-	-	1,000,000	-	1,000,000
Net Project Cost Estimates:	1,954	1,867,040	1,867,040	-	(2,840,000)	-	(2,840,000)

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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 approximately Lighthouse Field was completed in FY 2012. The second phase will be from approximately Lighthouse to Woodrow and is proposed in FY2015. Future phases will be developed as funds and staff resources allow, and to minimize disruption for path users. Additional funding proposed from the General Capital Improvement Fund.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # m400819	Account # 221-40-64-9330-57304						
Project Cost Estimate:	147,281	549,263	549,263	-	-	-	-
Project Funding Estimates:							
State grants - TDA	146,544	150,000	150,000	-	-	-	-
General CIP Fund	737	399,263	399,263	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

Westlake School Pedestrian Safety

Project Description:

This project includes the design and construction of missing sidewalks, traffic calming features, curb ramps, marked crosswalks, crosswalk refuge islands and a raised crosswalk along walking routes to Westlake Elementary School on Meder Street, Bay Drive and High Street. Included in this grant is a non-infrastructure component for educational purposes (walking school bus, safety classes and provide incentives for alternative transportation) and targeted traffic enforcement. The grant was awarded and pays 100% of the project and program costs. Construction is scheduled for the summer of 2014.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401211	Account # 221-40-64-9330-57307						
Project Cost Estimate:	57,428	445,672	445,672	-	-	-	-
Project Funding Estimates:							
Fed grants - Safe Routes to School	53,029	450,071	450,071	-	-	-	-
Net Project Cost Estimates:	4,399	(4,399)	(4,399)	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Existing Capital Projects for Gas Tax Fund (221) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	3,443,504	22,381,023	22,231,023	150,000	2,000,000	15,000,000	17,150,000
Total Project Funding Estimate:	2,883,635	17,468,456	17,468,456	150,000	4,740,000	14,000,000	18,890,000
Total Net Project Cost Estimate:	559,869	4,912,567	4,762,567	-	(2,740,000)	1,000,000	(1,740,000)

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

221- Gas Tax Fund

Beach/Pacific (Wharf) Intersection Roundabout

Project Description:

Project was in the approved Beach/SOLA plan and reduced driver confusion, congestion and improved safety (including train conflicts). The concept design had been approved by Council. The Wharf intersection is funded with traffic impact fee funding and included railroad gates as required by the CPUC. Also included paving at intersection. The project has been delayed due to the railroad ownership and operations changes.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c400035	Account # 221-40-64-9320-57306						
Project Cost Estimate:	432,887	2,324,113	2,324,113	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	313,923	1,762,512	1,762,512	-	-	-	-
Arterial Street and Roads Fund	-	600,000	600,000	-	-	-	-
Net Project Cost Estimates:	38,399	(38,399)	(38,399)	-	-	-	-

Broadway/Riverside Intersection Pedestrian Improvements

Project Description:

This project provided pedestrian activated warning flashers at the intersection for high use crossing. It was approved by Council at the hearing for the Hyatt Place hotel on Broadway. The funding source was also approved at that time and it will be operational prior to the hotel opening.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401302	Account # 221-40-64-9320-57307						
Project Cost Estimate:	-	75,000	75,000	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	-	75,000	75,000	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

221 - Gas Tax Fund

Chestnut St Slip Out - Phase 2

Project Description:

The current damage assessment form estimate the cost at \$283,400. The Federal Highway Administration will reimburse the City at 88.53% and the City must pay the difference. The March 2011 storms eroded the hillside on the upper west and east side of Chestnut Street Extension. The project includes design and construction of retaining structures to repair both locations. Construction is anticipated in the summer of 2014. This is a federally declared emergency on a federal aid route, therefore it is eligible for federal transportation funding.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401210							Account # 221-40-62-9341-57304
Project Cost Estimate:	71,098	240,640	240,640	-	-	-	-
Project Funding Estimates:							
Fed grants - FHWA	47,557	203,252	203,252	-	-	-	-
Net Project Cost Estimates:	23,541	37,388	37,388	-	-	-	-

Citywide Streetlight LED Retrofit-Phase 4

Project Description:

Retrofit remaining City owned High Pressure Sodium (HPS) streetlights with energy efficient Light-Emitting Diode (LED) lights reduced maintenance costs and energy use. Three phases have been completed to date with ARRA Stimulus, Community Development Block grant and off-bill financing funds for a total of 1146 streetlights being converted to LED. An additional 614 remain to be converted. A CEC loan is being considered to fund the program and to match the project cost with the cost of energy savings.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401013							Account # 221-40-64-9320-57306
Project Cost Estimate:	403,170	724,706	724,706	-	-	-	-
Project Funding Estimates:							
Fed grants - ARRA	153,454	-	-	-	-	-	-
Loan proceeds	-	-	-	-	-	-	-
Local capital grants	249,526	-	-	-	-	-	-
Net Project Cost Estimates:	190	724,706	724,706	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

221- Gas Tax Fund

Gault School Sidewalk Infill

Project Description:

This was an approved Safe Routes 2 School project that was completed in coordination with Gault Elementary and Ecology Action, and is the second one that was approved for this area. It included sidewalk gap closures, access ramps, protected pedestrian crossing, upgrades to bicycle parking, and an educational component for the Gault School Area (Seabright). The design was initiated in FY 2011 and construction started in FY 2013 and the project was completed in 2014.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401113							Account # 221-40-64-9330-57307
Project Cost Estimate:	647,410	15,193	15,193	-	-	-	-
Project Funding Estimates:							
Sidewalk In-lieu Fund	55,080	-	-	-	-	-	-
State grants - Safe Routes to School	404,970	-	40,000	-	-	-	-
From General Fund	-	-	-	-	-	-	-
Net Project Cost Estimates:	187,360	15,193	(24,807)	-	-	-	-

San Lorenzo River Trestle Bridge Connections Project

Project Description:

Project was in the Bike Plan, River way Plan and the Monterey Sanctuary Scenic Trail Plan. Construction of a replacement ramp from the west end of the San Lorenzo River railroad trestle, across Seaside Company property, to the levee path. This provided a safer and more accessible access alternative than the informal track crossing. Environmental review, right-of-way acquisition and design and construction completed at the end of FY2015. A coastal permit had been issued. Project CDBG funding and Seaside participation had been included.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c400058							Account # 221-40-64-9370-57310
Project Cost Estimate:	55,231	544,769	544,769	-	-	-	-
Project Funding Estimates:							
State grants - TDA	10,368	35,633	35,633	-	-	-	-
Traffic Impact - Citywide	34,496	40,503	40,503	-	-	-	-
Settlement proceeds	125,000	-	-	-	-	-	-
CDBG Fund	-	550,000	550,000	-	-	-	-
Net Project Cost Estimates:	(114,633)	(81,367)	(81,367)	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

221- Gas Tax Fund

Soquel/Park Way Traffic Signal Improvements

Project Description:

The project concept, design and easement acquisition have been approved by Council and completed. Project includes installation of protected left-turn lanes on Soquel Avenue at Park Way to improve traffic, bike and pedestrian safety and to reduce congestion. Construction is underway. STIP and HSIP grants have been awarded.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c400804							Account # 221-40-64-9320-57306
Project Cost Estimate:	1,346,324	67,295	67,295	-	-	-	-
Project Funding Estimates:							
Federal capital grants	215,000	40,000	40,000	-	-	-	-
Fed grants - STIP	450,000	450,000	450,000	-	-	-	-
Net Project Cost Estimates:	457,463	(422,705)	(422,705)	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Projects Completed in FY 2015 for Gas Tax Fund (221) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	2,956,120	3,991,716	3,991,716	-	-	-	-
Total Project Funding Estimate:	2,363,800	3,756,900	3,796,900	-	-	-	-
Total Net Project Cost Estimate:	592,320	234,816	194,816	-	-	-	-

Public Works Totals for Gas Tax Fund (221)

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	6,399,624	26,372,739	26,222,739	315,000	2,165,000	15,000,000	17,480,000
Total Project Funding Estimate:	5,247,435	21,225,356	21,265,356	150,000	4,740,000	14,000,000	18,890,000
Total Net Project Cost Estimate:	1,152,189	5,147,383	4,957,383	165,000	(2,575,000)	1,000,000	(1,410,000)

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (NEW)

**235- Clean Rivers & Beaches
Fund**

Harvey West Ball Field Drainage Design

Project Description:

The existing Harvey West storm drains that pass around and under the Harvey West ball field and empties into the adjacent ditch has significantly eroded the slopes of the ditch. A design study will evaluate storm water quality improvements to reduce the erosion and filter the storm water as well as installation of drain pipe in the area adjacent to the backstop to improve public access and safety. The project construction may be eligible for future storm water quality grants.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401603							Account # 235-40-60-9235-57311
Project Cost Estimate:	-	-	-	30,000	-	-	30,000
Net Project Cost Estimates:	-	-	-	30,000	-	-	30,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

New Capital Projects for Clean Rivers & Beaches Fund (235) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	-	-	-	30,000	-	-	30,000
Total Project Funding Estimate:	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	30,000	-	-	30,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**235- Clean Rivers & Beaches
Fund**

Clean Beach Initiative - Cowell Beach

Project Description:

Grant funded project to improve water quality at Cowell Beach by modifying the Neary Lagoon storm water infrastructure to facilitate annual cleaning. Project includes installing two shutoff gates between Neary Lagoon and Neary Lagoon pump station, small storm water evacuation pump station over the 66-inch diameter storm drain pipe, replacing the maintenance hatch above Cowell's Beach Storm Drain vault and various other small water quality projects.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401414	Account # 235-40-60-9235-57311						
Project Cost Estimate:	96,346	953,654	953,654	-	-	-	-
Project Funding Estimates:							
Local capital grants	-	787,500	787,500	-	-	-	-
Net Project Cost Estimates:	96,346	166,154	166,154	-	-	-	-

Downtown Parking Lot #9 LID Retrofit

Project Description:

This Prop 84 grant funded project will provide low-impact development (LID) storm water quality improvements to the existing parking lot at Cedar and Elm (behind the Catalyst). The project will sequester and infiltrate storm water to improve water quality of the drainage to the San Lorenzo River.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401415	Account # 235-40-60-9235-57311						
Project Cost Estimate:	223	198,907	198,907	-	-	-	-
Project Funding Estimates:							
Local capital grants	-	159,090	159,090	-	-	-	-
Net Project Cost Estimates:	223	39,817	39,817	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Existing Capital Projects for Clean Rivers & Beaches Fund (235) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	96,569	1,152,561	1,152,561	-	-	-	-
Total Project Funding Estimate:	-	946,590	946,590	-	-	-	-
Total Net Project Cost Estimate:	96,569	205,971	205,971	-	-	-	-

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	96,569	1,152,561	1,152,561	30,000	-	-	30,000
Total Project Funding Estimate:	-	946,590	946,590	-	-	-	-
Total Net Project Cost Estimate:	96,569	205,971	205,971	30,000	-	-	30,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (NEW)

**311- General Capital
Improvement Fund**

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401610							Account # 311-40-64-9330-57307
Project Cost Estimate:	-	-	-	70,000	-	-	70,000
Net Project Cost Estimates:	-	-	-	70,000	-	-	70,000

Front-Pacific Historic Wall Repair

Project Description:

The historic rock wall between Front Street on Beach Hill and Pacific Ave below is in need of repair. Rocks have come loose from vegetation roots, age and collision with the existing guard rail which is also fractured and does not have sufficient pedestrian protection. Staff proposes to remorter rocks, pour a concrete cap and replace the guard rail with one similar to the historic West Cliff that meets collision and pedestrian requirements.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401611							Account # 311-40-64-9330-57307
Project Cost Estimate:	-	-	-	250,000	-	-	250,000
Project Funding Estimates:							
Liability Insurance Fund	-	-	-	250,000	-	-	250,000
Net Project Cost Estimates:	-	-	-	-	-	-	-

Pedestrian Crosswalk Safety Projects

Project Description:

Develop and implement crossing improvement projects at crosswalks citywide. This project corresponds to a priority list of projects to be approved by City Council prior to the first expenditure. Staff intends to construct one project per year as staff resources are available.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401609							Account # 311-40-64-9330-57307
Project Cost Estimate:	-	-	-	100,000	100,000	100,000	300,000
Project Funding Estimates:							
Gas Tax Fund	-	-	-	100,000	-	-	100,000
Net Project Cost Estimates:	-	-	-	-	100,000	100,000	200,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (NEW)

**311- General Capital
Improvement Fund**

Sidewalk and Access Ramp Program

Project Description:

Install new handicap access ramps and sidewalks or upgrade existing ramps to meet current state standards as needed when high priority locations are identified. Funding could be included with larger projects to supplement the ability to address access needs. FY16 includes CDBG funding as approved by council.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401612							Account # 311-40-64-9330-57307
Project Cost Estimate:	-	-	-	182,436	50,000	50,000	282,436
Project Funding Estimates:							
CDBG Fund	-	-	-	182,436	-	-	182,436
Net Project Cost Estimates:	-	-	-	-	50,000	50,000	100,000

Streetlights-555 Pacific to Roundabout

Project Description:

Installation of approximately 7 decorative street lights on Pacific Avenue, between Pacific Avenue and the Depot roundabout. This completes a missing segment of the Pacific Avenue style decorative street lights between 555 Pacific Avenue and the roundabout. The project would be implemented concurrently with the development of the 555 Pacific Avenue streetscape improvements.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401601							Account # 311-40-61-9320-57305
Project Cost Estimate:	-	-	-	-	45,000	-	45,000
Net Project Cost Estimates:	-	-	-	-	45,000	-	45,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	-	-	-	602,436	195,000	150,000	947,436
Total Project Funding Estimate:	-	-	-	532,436	-	-	532,436
Total Net Project Cost Estimate:	-	-	-	70,000	195,000	150,000	415,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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 was eroded in a past storm. Ongoing erosion will impact the road and the trail and staff has determined a repair is needed soon. This project will be completed with the assistance of Parks and Recreation. Storm damage funding is not available.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401507							Account # 311-40-62-9320-57306
Project Cost Estimate:	-	175,000	175,000	-	-	-	-
Net Project Cost Estimates:	-	175,000	175,000	-	-	-	-

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. The design process will determine the extent of the deterioration and which sections can be rehabilitated and which will be replaced. There is approximately 2000 lineal feet of storm drain pipe that will be evaluated.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401505							Account # 311-40-64-9340-57311
Project Cost Estimate:	-	50,000	50,000	-	200,000	-	200,000
Net Project Cost Estimates:	-	50,000	50,000	-	200,000	-	200,000

Curtis Storm Drain - 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 drains to Branciforte Creek via a 24 inch diameter undersized storm drain. The project proposes to install 270 lineal feet of 42 inch diameter pipe and new catch basins on Curtis from Glenwood to Market and 270 lineal feet of 36 inch diameter storm drain across Market to an outfall at Branciforte Creek. The project is separated into 2 phases in order to evaluate the first phase prior to proceeding to the second phase with the possibility it may not be necessary. Due to this area experiencing storm water infiltration overtaxing the sanitary sewer, wastewater funds identified in the Wastewater CIP will fund a portion of the project.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401308							Account # 311-40-64-9340-57311
Project Cost Estimate:	-	10,000	10,000	150,000	-	150,000	300,000
Net Project Cost Estimates:	-	10,000	10,000	150,000	-	150,000	300,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

East Cliff Emergency Repair at Alhambra Ave

Project Description:

The slope above Seabright Beach continues to erode following the March 2011 storm and two old cement bag infill walls have failed and fallen onto the beach. The sidewalk and railing are at risk of failing. The project proposes to relocate the sidewalk and railing towards the street and remove parallel parking. The project requires a coastal development permit. State storm damage reimbursement is not available.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401309	Account # 311-40-62-9390-57106						
Project Cost Estimate:	500	149,500	149,500	-	-	-	-
Project Funding Estimates:							
Liability Insurance Fund	500	149,500	149,500	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

Green Lane Project

Project Description:

This project is for the creation of green lanes in high conflict (collision) zones to highlight bike paths, showing drivers of vehicles where to expect the presence of bike riders. FY2015 funding was used to fund a portion (1/2) of the Laurel Street green lane application following the repaving project.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401513	Account # 311-40-64-9330-57307						
Project Cost Estimate:	-	30,000	30,000	50,000	50,000	50,000	150,000
Project Funding Estimates:							
Gas Tax Fund	-	-	-	50,000	-	-	50,000
From General Fund	-	30,000	30,000	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	50,000	50,000	100,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

LED light replacement (City-wide)

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 600 lights remain to be funded and staff anticipates completing them with CEC financing.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401418	Account # 311-40-61-9320-57305						
Project Cost Estimate:	86,259	63,741	63,741	150,000	150,000	-	300,000
Project Funding Estimates:							
Gas Tax Fund	-	-	-	150,000	150,000	-	300,000
From General Fund	86,259	-	-	-	-	-	-
Net Project Cost Estimates:	-	63,741	63,741	-	-	-	-

Market Street at Goss Minor Widening

Project Description:

Project was approved in FY 2011 with the approval of the 5 Isbel Drive residential development. Market Street to be widened at the southeast corner to provide a bike lane and sidewalk. Requires a retaining wall, utility relocation and modification to the existing drainage swale. Project is contingent on receiving grant funding.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401301	Account # 311-40-64-9330-57307						
Project Cost Estimate:	-	250,000	200,000	-	50,000	-	50,000
Project Funding Estimates:							
Federal capital grants	-	200,000	200,000	-	-	-	-
Contributions - businesses	20,000	-	-	-	-	-	-
Net Project Cost Estimates:	(20,000)	50,000	-	-	50,000	-	50,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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 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 will develop design details for the trail, environmental review documents, permits and construction documents. Construction is contingent on many factors, including a SCCRTC/City agreement, permitting etc. The grant as reflected below has been awarded by SCCRTC.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401413	Account # 311-40-64-9330-57307						
Project Cost Estimate:	-	800,000	800,000	-	4,500,000	-	4,500,000
Project Funding Estimates:							
Contributions - businesses	-	42,135	42,135	-	-	-	-
Other State Grants	-	640,000	640,000	-	3,420,000	-	3,420,000
Net Project Cost Estimates:	-	117,865	117,865	-	1,080,000	-	1,080,000

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, which are not sufficient to build this project. The City is considering borrowing additional 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. The reimbursement and FY 2015 funds will be used to address easements and install decorative streetlights when the utility poles with streetlights are removed.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401004	Account # 311-40-64-9360-57390						
Project Cost Estimate:	32,716	322,623	322,623	-	1,000,000	-	1,000,000
Project Funding Estimates:							
Contributions - Other Agencies	-	100,000	100,000	-	1,000,000	-	1,000,000
Net Project Cost Estimates:	32,716	222,623	222,623	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

311- General Capital
Improvement Fund

Neary Flood Control Pump Station-Steel Pipe Replacement

Project Description:

Replace deteriorated above grade 54-inch diameter discharge piping at pump station.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401503							Account # 311-40-64-9340-57311
Project Cost Estimate:	-	50,000	50,000	-	-	-	-
Net Project Cost Estimates:	-	50,000	50,000	-	-	-	-

Ocean Street Adaptive Signal Control Project

Project Description:

The Ocean Street Adaptive Signal Control project includes new traffic signal controllers, new vehicle detection, a new server, software and fiber optic communications equipment. The project will collect and process real-time traffic data and adjust signalization to maximize efficiency. This improves operation of the corridor and crossing arterials, reduces delays, idle time and greenhouse emissions.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401417							Account # 311-40-64-9320-57306
Project Cost Estimate:	-	414,000	414,000	-	-	-	-
Project Funding Estimates:							
Traffic Impact - Citywide	-	150,000	150,000	-	-	-	-
Local grant - MBUAPCD	-	200,000	200,000	-	-	-	-
From General Fund	-	64,000	64,000	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

Ocean Street Beautification

Project Description:

Project includes design development for Ocean Street improvements based on the approved Ocean Street Plan. The design development will evaluate what short term improvements can be implemented along the corridor. A consultant will assist with developing the design details for landscaping, sidewalk, and streetlights. A place holder for construction is included. Pavement rehabilitation would be funded from Measure H or grants.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401411							Account # 311-40-64-9330-57307
Project Cost Estimate:	18,079	1,481,921	1,481,921	-	-	-	-
Project Funding Estimates:							
RDA Successor Agency	-	1,500,000	1,500,000	-	-	-	-
Net Project Cost Estimates:	18,079	(18,079)	(18,079)	-	-	-	-

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 has 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. Work will be subject to a Fish and Game streambed alteration and RWQCB permits.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401306							Account # 311-40-64-9340-57311
Project Cost Estimate:	7,000	93,000	-	-	93,000	100,000	193,000
Net Project Cost Estimates:	7,000	93,000	-	-	93,000	100,000	193,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

Radar Speed Feedback Signs

Project Description:

This project proposes to purchase and install up to 8 solar powered radar speed feed-back signs to inform drivers of appropriate speed in and around elementary school zones, and provide time of day speed data as a tool for directed enforcement. A grant is required to fully fund the project. If no grant is received, local funds will be used to install as many as possible.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401310							Account # 311-40-62-9320-57306
Project Cost Estimate:	-	63,000	63,000	-	-	-	-
Project Funding Estimates:							
State capital grants	-	63,000	63,000	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

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 FY 2012. This is a Rule 20B project which is funded entirely by the City and private property owners. Final design and determining easements is on hold until funding is confirmed. Additional funds in the amount of \$2.2 million may be needed to fully fund the project.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401208							Account # 311-40-64-9360-57390
Project Cost Estimate:	35,379	3,814,621	3,814,621	1,650,000	700,000	-	2,350,000
Project Funding Estimates:							
RDA Successor Agency	21,870	307,086	307,086	-	-	-	-
Other agency contributions	-	-	-	1,650,000	-	-	1,650,000
From ED Trust Fund	-	692,914	692,914	-	-	-	-
Net Project Cost Estimates:	13,509	2,814,621	2,814,621	-	700,000	-	700,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

Shaffer Road Railroad Crossing and Route 1 Traffic Signal Improvements

Project Description:

Development of an 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. Requires CPUC and Caltrans approval. Costs of assessment district development to be reimbursed if district approved.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401403							Account # 311-40-62-9320-57306
Project Cost Estimate:	-	-	-	-	250,000	-	250,000
Project Funding Estimates:							
Assessment District Fund	-	-	-	-	250,000	-	250,000
Net Project Cost Estimates:	-	-	-	-	-	-	-

Sinkhole Repair - W Cliff & Woodrow

Project Description:

Sinkhole repair at the corner of West Cliff and Woodrow.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401420							Account # 311-40-62-9341-54314
Project Cost Estimate:	220,703	29,297	29,297	-	-	-	-
Project Funding Estimates:							
From General Fund	220,703	29,297	29,297	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

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. Due to this area experiencing storm water infiltration into the sanitary sewer, wastewater funds identified in the Wastewater CIP will fund a portion of the project.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401307							Account # 311-40-64-9340-57311
Project Cost Estimate:	-	10,000	10,000	-	150,000	-	150,000
Net Project Cost Estimates:	-	10,000	10,000	-	150,000	-	150,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

UCSC Smart Bike Lockers

Project Description:

The University will purchase and install 36 new "smart card" on-demand bike lockers, similar to those installed by the City. The lockers can be shared by multiple users, serving hundreds of users and potentially reducing motor vehicle trips in Santa Cruz. This State Bicycle Transportation Account pass-through grant was sponsored by the City and has been approved. This project was formerly set up as g401201 in an operating account. Per an email request from Mary Arman, a new project was created so that project would be in the CIP.

Expense string - 311-40-64-9330-57307

Revenue string- 311-40-64-9330-43232

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401212							Account # 311-40-64-9330-57307
Project Cost Estimate:	98,839	74,861	74,861	-	-	-	-
Project Funding Estimates:							
State operating grants - Caltrans	98,839	74,861	74,861	-	-	-	-
Net Project Cost Estimates:	-	-	-	-	-	-	-

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 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401008							Account # 311-40-64-9390-57304
Project Cost Estimate:	-	300,000	250,000	-	400,000	-	400,000
Project Funding Estimates:							
Other local revenues	-	150,000	150,000	-	175,000	-	175,000
Net Project Cost Estimates:	-	150,000	100,000	-	225,000	-	225,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**311- General Capital
Improvement Fund**

UCSC-City-Clue Public Transportation System Planning

Project Description:

Implementation of Section 4.14 of the UCSC-City Comprehensive Settlement Agreement to jointly plan with CLUE, a public transportation system capable of reducing the use of City streets and traffic congestion on city streets.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401009	Account # 311-40-64-9390-57304						
Project Cost Estimate:	960	99,040	99,040	-	-	-	-
Project Funding Estimates:							
Other local revenues	-	50,000	50,000	-	-	-	-
Net Project Cost Estimates:	960	49,040	49,040	-	-	-	-

West Cliff Drive Revetment Repair

Project Description:

This project proposes to place additional engineered rock protection at the base of an existing retaining wall on West Cliff Drive, east of Woodrow, and at a location approximately 400 north of the Lighthouse. At the Woodrow location the rock shelf and rock protection have eroded, exposing the base of the wall to erosive forces. At the Lighthouse the path was recently relocated further into the street and further erosion will impact the path and potentially the street. Other rock revetment exist at the sites.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401501	Account # 311-40-62-9330-57307						
Project Cost Estimate:	-	-	-	75,000	425,000	-	500,000
Project Funding Estimates:							
Liability Insurance Fund	-	-	-	75,000	-	-	75,000
Net Project Cost Estimates:	-	-	-	-	425,000	-	425,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	500,435	8,280,604	8,087,604	2,075,000	7,968,000	300,000	10,343,000
Total Project Funding Estimate:	448,171	4,442,793	4,442,793	1,925,000	4,995,000	-	6,920,000
Total Net Project Cost Estimate:	52,264	3,837,811	3,644,811	150,000	2,973,000	300,000	3,423,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

**311- General Capital
Improvement Fund**

Arana Gulch Connection-Agnes Street

Project Description:

Project is in approved Bike Plan and Arana Gulch Master Plan. It includes completing the multi-use trail from Agnes Street to the main east-west Arana Gulch multi-use trail. Interpretive and management plan elements are included. The project is funded from an approved state Bicycle Transportation Account grant and therefore must be bid separately from the main trail project.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401401	Account # 311-40-64-9330-57307						
Project Cost Estimate:	87,065	405,295	405,295	-	-	-	-
Project Funding Estimates:							
State capital grants	-	344,652	344,652	-	-	-	-
Net Project Cost Estimates:	87,065	60,643	60,643	-	-	-	-

Arana Gulch Multi Use Trail - Broadway/Brommer

Project Description:

Project is in approved Bike Plan and Arana Gulch Master Plan. It included a very important bike and pedestrian multi-purpose trail from Broadway, through Arana Gulch, to Brommer Street, and from Agnes Street to the east-west trail per the Arana Gulch Master Plan. Interpretive and management plan elements are included. A Coastal permit was approved in Dec 2011. Grant funding (federal and county) of approximately \$4.0 million had been committed to the project. Sale of property (formerly road rights-of-way), adjacent to Frederick Street, paid for the local match funds and ongoing management expenses. Based on the most recent cost estimate, the project costs had increased significantly. This project was originally in the Gas Tax Fund (Broadway/Brommer Bike/Pedestrian Multi-Purpose Trail) and was transferred to the General Capital Improvement Fund in FY 2013. Design was initiated in FY 2012 and construction is started in FY 2014. and anticipated to be completed in FY 2015. An additional \$150,000 in construction grant funds was awarded by SCCRTC. New project - transferred FY 2013 budgets and actuals c409344 Broadway Brommer to new project.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401319	Account # 311-40-64-9330-57307						
Project Cost Estimate:	4,438,889	2,003,744	2,003,744	-	-	-	-
Project Funding Estimates:							
State grants-RXTPX Funds	212,000	390,000	390,000	-	-	-	-
Local capital grants	1,378,000	2,000	2,000	-	-	-	-
Federal capital grants	1,357,201	1,222,799	1,222,799	-	-	-	-
Real property sales - land	-	440,000	440,000	-	-	-	-
Traffic Impact - Citywide	1,000,000	-	-	-	-	-	-
Net Project Cost Estimates:	491,688	(51,056)	(51,055)	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

311- General Capital
Improvement Fund

LED light replacement (Laurel, Soquel)

Project Description:

LED light replacements (Laurel, Soquel, Water, Bridges)

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401419							Account # 311-40-61-9320-57305
Project Cost Estimate:	65,853	50,547	50,547	-	-	-	-
Net Project Cost Estimates:	-	50,547	50,547	-	-	-	-

Pacific Ave Streetlight Replacement

Project Description:

The older Pacific Avenue steel streetlight bases are failing due to corrosion at the base of the pole. Staff is conducting an evaluation of all the steel poles and preparing a replacement or repair plan. The most corroded will be replaced/repared in FY 2014 with proposed funding in FY 2015 to address the remaining poles.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401506							Account # 311-40-64-9320-57305
Project Cost Estimate:	-	145,000	145,000	-	-	-	-
Net Project Cost Estimates:	-	145,000	145,000	-	-	-	-

West Cliff Stair Repair at Indicators

Project Description:

The Indicator stairs have deteriorated from adverse marine conditions and need to be repaired. Engineering options have been evaluated and the design completed. Construction is contingent on favorable tides and weather conditions.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m401402							Account # 311-40-62-9320-57306
Project Cost Estimate:	8,500	141,500	141,500	-	-	-	-
Net Project Cost Estimates:	8,500	141,500	141,500	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Projects Completed in FY 2015 for General Capital Improvement Fund (311) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	5,240,417	2,746,086	2,746,086	-	-	-	-
Total Project Funding Estimate:	4,653,164	2,399,451	2,399,451	-	-	-	-
Total Net Project Cost Estimate:	587,253	346,634	346,635	-	-	-	-

Public Works Totals for General Capital Improvement Fund (311)

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	5,740,852	11,026,690	10,833,690	2,677,436	8,163,000	450,000	11,290,436
Total Project Funding Estimate:	5,101,335	6,842,244	6,842,244	2,457,436	4,995,000	-	7,452,436
Total Net Project Cost Estimate:	639,517	4,184,445	3,991,446	220,000	3,168,000	450,000	3,838,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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 \$500,000 per year, and on average Measure H is \$1.4 million and grants average about \$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, which is a \$1.6 million annual shortfall. The City is bonding for \$12 million over 3 years which will require a \$1.3 million annual Measure H payment (over 10 years), and is reflected in the project cost estimate.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c400809	Account # 317-40-64-9311-57304						
Project Cost Estimate:	4,077,567	11,218,057	11,218,057	5,000,000	1,500,000	1,500,000	8,000,000
Project Funding Estimates:							
Wastewater Fund	95,710	-	-	-	-	-	-
Gas Tax Fund	1,192,507	1,494,117	1,494,117	500,000	500,000	500,000	1,500,000
Other local revenues	23,814	-	-	-	-	-	-
State capital grants	925,701	500,000	500,000	500,000	500,000	500,000	1,500,000
Traffic Congestion Relief Fund	402,257	-	-	-	-	-	-
From General Fund	114,498	985,503	985,503	-	-	-	-
Loan proceeds	-	6,500,000	6,500,000	4,000,000	-	-	4,000,000
State capital grants	-	-	-	-	-	-	-
Net Project Cost Estimates:	127,455	1,738,437	1,738,437	-	500,000	500,000	1,000,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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. Generally \$500,000 from Measure H is available, which is a \$700,000 per year shortfall. The City is anticipating bonding for \$3 million over 3 years which will require a \$500,000 million annual Measure H payment (over 10 years). There is also an estimated Measure H annual increase in revenue which is reflected in the project costs estimate above the annual bonding payment amount. Grants are not typically available for residential and collector streets.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c400810	Account # 317-40-64-9311-57304						
Project Cost Estimate:	6,745,310	2,679,230	2,679,230	2,300,000	200,000	200,000	2,700,000
Project Funding Estimates:							
City Public Trust Fund	414,451	-	-	-	-	-	-
Traffic Congestion Relief Fund	587,025	-	-	-	-	-	-
Loan proceeds	-	2,500,000	2,500,000	2,300,000	-	-	2,300,000
Net Project Cost Estimates:	5,225,856	179,230	179,230	-	200,000	200,000	400,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	10,822,877	13,897,287	13,897,287	7,300,000	1,700,000	1,700,000	10,700,000
Total Project Funding Estimate:	5,469,566	11,979,620	11,979,620	7,300,000	1,000,000	1,000,000	9,300,000
Total Net Project Cost Estimate:	5,353,311	1,917,667	1,917,667	-	700,000	700,000	1,400,000

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	10,822,877	13,897,287	13,897,287	7,300,000	1,700,000	1,700,000	10,700,000
Total Project Funding Estimate:	5,469,566	11,979,620	11,979,620	7,300,000	1,000,000	1,000,000	9,300,000
Total Net Project Cost Estimate:	5,353,311	1,917,667	1,917,667	-	700,000	700,000	1,400,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (NEW)

721- Wastewater Enterprise Fund

Wastewater Treatment Facility - Bioassay Laboratory

Project Description:

Replace current effluent sampling station with a more functional Bioassay Laboratory with ethernet connection, communications equipment, composite sampler. This laboratory will assist the City in meeting the newest NPES permitting requirements. County pays 8/17 of the cost based on the wastewater treatment facility capacity dedicated to County.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401605	Account # 721-40-62-7259-57301						
Project Cost Estimate:	-	-	-	300,000	-	-	300,000
Project Funding Estimates:							
Local capital grants	-	-	-	141,176	-	-	141,176
Net Project Cost Estimates:	-	-	-	158,824	-	-	158,824

Wastewater Treatment Facility - Reclaim Water

Project Description:

Enhance current reuse water effluent filtration system to produce Title 22 reclaim water and distribution system for offsite use. County pays 8/17 of the cost based on the wastewater treatment facility capacity dedicated to County.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401604	Account # 721-40-62-7259-57301						
Project Cost Estimate:	-	-	-	250,000	-	-	250,000
Project Funding Estimates:							
Local capital grants	-	-	-	117,647	-	-	117,647
Net Project Cost Estimates:	-	-	-	132,353	-	-	132,353

Wastewater Treatment Facility - Sewer Main Rehabilitation

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 o be excavated at approximately 3 manhole locations in the above noted streets.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401606	Account # 721-40-62-7259-57301						
Project Cost Estimate:	-	-	-	-	1,100,000	-	1,100,000
Net Project Cost Estimates:	-	-	-	-	1,100,000	-	1,100,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (NEW)

721- Wastewater Enterprise Fund

Wastewater Treatment Facility - 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 4 equipment will be rehabilitated in FY2016. Digester 5 will be cleaned and upgraded in FY2017. The County pays 8/17 of the cost based on wastewater treatment facility capacity dedicated to the County.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401607							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	100,000	600,000	-	700,000
Project Funding Estimates:							
Local capital grants	-	-	-	47,059	282,353	-	329,412
Net Project Cost Estimates:	-	-	-	52,941	317,647	-	370,588

Wastewater Treatment Facility- 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 is anticipated in FY16 and construction in FY18 County pays 8/17 of the cost based on the wastewater treatment facility capacity dedicated to County.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401608							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	250,000	-	1,500,000	1,750,000
Project Funding Estimates:							
Local capital grants	-	-	-	117,647	-	705,882	823,529
Net Project Cost Estimates:	-	-	-	132,353	-	794,118	926,471

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

New Capital Projects for Wastewater Enterprise Fund (721) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	-	-	-	900,000	1,700,000	1,500,000	4,100,000
Total Project Funding Estimate:	-	-	-	423,529	282,353	705,882	1,411,764
Total Net Project Cost Estimate:	-	-	-	476,471	1,417,647	794,118	2,688,236

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Eastside Alley Sewer Project

Project Description:

Sewer mains in the area north of Soquel Avenue, between Morrissey and Park Way, are often located in the public alleys. This project proposes to replace and/or rehabilitate these deteriorated sewer lines including some sewer laterals. The alley sewer lines are a source of significant storm water infiltration and inflow. The video inspection reflects the poor condition of the lines. Inflow reduction and improved wastewater flows will be achieved by removing private storm drain connections to the sanitary sewer. Design is in progress and construction is proposed in FY 2016.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401406							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	50,000	50,000	950,000	-	-	950,000
Net Project Cost Estimates:	-	50,000	50,000	950,000	-	-	950,000

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401404							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	-	-	500,000	500,000
Net Project Cost Estimates:	-	-	-	-	-	500,000	500,000

Hagemann Aerial Sewer Rehabilitation

Project Description:

Rehabilitate Hagemann Court sewer line and strengthen the trestle that supports the aerial sewer. The sewer pipeline on the Hagemann trestle is 30 feet above ground and was constructed in 1980; inspected in 2012. The inspection report recommended structural repairs.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m401403							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	175,000	175,000	-	-	-	-
Net Project Cost Estimates:	-	175,000	175,000	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c409669							Account # 721-40-62-7259-57312
Project Cost Estimate:	111,360	133,881	133,881	-	-	-	-
Project Funding Estimates:							
Local capital grants	56,694	58,713	58,713	-	-	-	-
Net Project Cost Estimates:	54,666	75,168	75,168	-	-	-	-

Ladera Drive Sewer

Project Description:

Replace a deteriorated and difficult to maintain sewer line in a backyard easement with new 10 and 12 inch diameter, 1,000 lineal feet of sewer line in Ladera Drive, from MH M5-SM506 to MH L4-SM204 to improve capacity and flow.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401305							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	400,000	-	-	400,000
Net Project Cost Estimates:	-	-	-	400,000	-	-	400,000

Neary Lagoon Park Rehab-Improvements

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m409668							Account # 721-40-62-7259-57312
Project Cost Estimate:	1,251,707	601,953	601,953	250,000	250,000	250,000	750,000
Project Funding Estimates:							
Local capital grants	515,008	165,187	165,187	117,647	117,647	117,647	352,941
Net Project Cost Estimates:	736,699	436,766	436,766	132,353	132,353	132,353	397,059

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

721- Wastewater Enterprise Fund

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m401601							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	200,000	-	-	200,000
Net Project Cost Estimates:	-	-	-	200,000	-	-	200,000

San Lorenzo River Sanitary Sewer Siphon

Project Description:

There are 3 sanitary sewer lines (42, 24 and 14 diameter inch) 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. A portion of the project was completed in FY 2014. Additional work is anticipated in FY 2015.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401315							Account # 721-40-62-7259-57301
Project Cost Estimate:	698,454	326,546	326,546	-	-	-	-
Net Project Cost Estimates:	698,454	326,546	326,546	-	-	-	-

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401511							Account # 721-40-62-7251-57304
Project Cost Estimate:	-	600,000	600,000	600,000	600,000	600,000	1,800,000
Net Project Cost Estimates:	-	600,000	600,000	600,000	600,000	600,000	1,800,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Wastewater Treatment Facility Centrifuge Rebuild

Project Description:

This project proposes to rebuild or replace three worn centrifuges that provide critical sludge dewatering for the facility. The project was designed in FY 2012 and is being constructed in FY 2014. The FY 2016 allocation is to replace the control system to increase throughput of the centrifuges and improve efficiency. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

		Fiscal Year 2015						
		Prior Year	Estimated		FY 2016	FY 2017	FY 2018	Total
		Totals	Budget	Actuals	Adopted	Estimate	Estimate	2016 - 2018
Project # m401201		Account # 721-40-65-7252-57301						
Project Cost Estimate:	1,050,897	949,103	949,103	400,000	-	-	400,000	
Project Funding Estimates:								
Local capital grants	490,775	450,425	450,425	188,235	-	-	188,235	
Net Project Cost Estimates:	560,122	498,678	498,678	211,765	-	-	211,765	

Wastewater Treatment Facility Secondary Clarifier Repairs

Project Description:

The evaluation and structural repairs the three secondary clarifier is complete. To prevent metal fatigue, structural steel in clarifier #3 will be coated in FY 15, clarifier #2 will be coated in FY16 and clarifier #1 in FY17. County pays 8/17 of the cost based on wastewater treatment facility capacity dedicated to County.

		Fiscal Year 2015						
		Prior Year		Estimated	FY 2016	FY 2017	FY 2018	Total
		Totals	Budget	Actuals	Adopted	Estimate	Estimate	2016 - 2018
Project # m401303		Account # 721-40-65-7252-57301						
Project Cost Estimate:		103,835	391,165	391,165	200,000	200,000	-	400,000
Project Funding Estimates:								
Local capital grants		48,864	40,510	40,510	94,118	94,118	-	188,236
Net Project Cost Estimates:		54,971	350,655	350,655	105,882	105,882	-	211,764

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Wastewater Treatment Facility Transformer Replacement

Project Description:

The electrical transformer operates at or above design loads and the facility experiences power fluctuations that impact system reliability and performance. The project proposes the replacement of the facility's main transformer to provide more reliable and consistent electrical power. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

Fiscal Year 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401405	Account # 721-40-65-7252-57301						
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

Wastewater Treatment Facility Ultraviolet Disinfection System Replacement

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 2015							
	Prior Year Totals	Budget	Estimated Actuals	FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
Project # c401504	Account # 721-40-62-7259-57301						
Project Cost Estimate:	-	-	-	-	-	2,500,000	2,500,000
Project Funding Estimates:							
Local capital grants	-	-	-	-	-	1,176,471	1,176,471
Net Project Cost Estimates:	-	-	-	-	-	1,323,529	1,323,529

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Wastewater Treatment Facility 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 system overhaul. Design contract services in FY 2016 and construction in FY 2017. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401407							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	100,000	100,000	-	900,000	-	900,000
Project Funding Estimates:							
Local capital grants	-	47,059	47,059	-	423,529	-	423,529
Net Project Cost Estimates:	-	52,941	52,941	-	476,471	-	476,471

Wastewater Treatment Facility-County Odor Control System

Project Description:

Install new odor control system in the Santa Cruz County Sanitation District's (SCCSD) influent channel located at the WWTF. Project addresses ongoing odor complaints associated with the SCCSD wastewater transmission system. SCCSD will pay 100% of the cost for design and installation of the system.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401510							Account # 721-40-62-7259-57301
Project Cost Estimate:	-	-	-	120,000	-	-	120,000
Project Funding Estimates:							
Local capital grants	-	-	-	120,000	-	-	120,000
Net Project Cost Estimates:	-	-	-	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (EXISTING)

721- Wastewater Enterprise Fund

Wastewater Treatment Plant 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 Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m409659							Account # 721-40-62-7252-57301
Project Cost Estimate:	4,182,517	1,333,385	1,333,385	480,000	1,500,000	300,000	2,280,000
Project Funding Estimates:							
Local capital grants	1,663,198	625,368	625,368	225,882	705,882	141,176	1,072,940
Net Project Cost Estimates:	2,519,319	708,017	708,017	254,118	794,118	158,824	1,207,060

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Existing Capital Projects for Wastewater Enterprise Fund (721) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	7,449,665	4,661,033	4,661,033	3,600,000	4,450,000	4,150,000	12,200,000
Total Project Funding Estimate:	2,774,539	1,387,262	1,387,262	745,882	1,811,764	1,435,294	3,992,940
Total Net Project Cost Estimate:	4,675,126	3,273,771	3,273,771	2,854,118	2,638,236	2,714,706	8,207,060

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

721- Wastewater Enterprise Fund

Fair Ave Sewer Lining

Project Description:

Rehabilitate 2,000 linear feet of the 21 inch diameter Fair Avenue sanitary sewer line with a cured-in-place liner system to improve performance and capacity. The project is from Ingalls Street (MH M4-SM505) to Oxford Way (MH M3-SM501). Construction is anticipated in the summer of 2014

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # m401404							
							Account # 721-40-62-7259-57301
Project Cost Estimate:	4,500	595,500	595,500	-	-	-	-
Net Project Cost Estimates:	4,500	595,500	595,500	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Projects Completed in FY 2015 for Wastewater Enterprise Fund (721) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	1,077,846	595,500	595,500	-	-	-	-
Total Project Funding Estimate:	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	1,077,846	595,500	595,500	-	-	-	-

Public Works Totals for Wastewater Enterprise Fund (721)

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	8,527,511	5,256,533	5,256,533	4,500,000	6,150,000	5,650,000	16,300,000
Total Project Funding Estimate:	2,774,539	1,387,262	1,387,262	1,169,411	2,094,117	2,141,176	5,404,704
Total Net Project Cost Estimate:	5,752,972	3,869,271	3,869,271	3,330,589	4,055,883	3,508,824	10,895,296

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (NEW)

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 project consists of developing a CNG fueling facility at the City Corporation Yard and it includes funds for professional services to prepare a feasibility study, preliminary design, environmental review and construction documents. Construction would follow and is included in the proposed 3-year period. In addition there will be safety improvements to the fleet maintenance facility so that servicing of the new equipment can be done, meeting code requirements.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401613							Account # 731-40-61-7359-57203
Project Cost Estimate:	-	-	-	90,000	450,000	475,000	1,015,000
Net Project Cost Estimates:	-	-	-	90,000	450,000	475,000	1,015,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

New Capital Projects for Refuse Enterprise Fund (731) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	-	-	-	90,000	450,000	475,000	1,015,000
Total Project Funding Estimate:	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	-	-	-	90,000	450,000	475,000	1,015,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

731- Refuse Enterprise Fund

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 shall install a new drainage box and pipe to the existing storm water line, or slip line 333' of existing 18" pipe, restore a valve box to grade, and patch the affected pavement. Includes additional pavement repairs for upper Dimeo.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401312							Account # 731-40-62-7352-57308
Project Cost Estimate:	84,706	65,294	65,294	-	-	-	-
Net Project Cost Estimates:	84,706	65,294	65,294	-	-	-	-

Food Waste Collection and Conversion

Project Description:

Provide consulting services, permitting, capital and/or rental cost of equipment to evaluate and develop a program to collect food waste and alternatives to landfilling.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401204							Account # 731-40-62-7352-57308
Project Cost Estimate:	43,896	77,654	77,654	-	-	-	-
Net Project Cost Estimates:	43,896	77,654	77,654	-	-	-	-

Landfill Design/Construction

Project Description:

Design completion and permitting in current fiscal year and construction in FY 2015 or FY2016 of the third of five planned lined refuse disposal cells to extend the life of the landfill to approximately 2050.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c400046							Account # 731-40-62-7352-57308
Project Cost Estimate:	111,945	2,598,055	2,598,055	-	-	-	-
Project Funding Estimates:							
Loan proceeds	-	150,000	150,000	-	-	-	-
Net Project Cost Estimates:	111,945	2,448,055	2,448,055	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

731- Refuse Enterprise Fund

Recycling Center Dust Control

Project Description:

Design and installation of a system to reduce the dust generated by the single-stream recycling facility.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401205							Account # 731-40-62-7352-57308
Project Cost Estimate:	-	19,567	19,567	-	-	-	-
Net Project Cost Estimates:	-	19,567	19,567	-	-	-	-

Sanitation Building Shower/Locker Room Expansion

Project Description:

The project will expand the existing shower and locker facilities by converting a storage area within the existing Sanitation building at the Corporation Yard to address crowding in existing facility.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401512							Account # 731-40-61-7359-57203
Project Cost Estimate:	-	150,000	150,000	-	-	-	-
Net Project Cost Estimates:	-	150,000	150,000	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Existing Capital Projects for Refuse Enterprise Fund (731) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	240,547	2,910,570	2,910,570	-	-	-	-
Total Project Funding Estimate:	-	150,000	150,000	-	-	-	-
Total Net Project Cost Estimate:	240,547	2,760,570	2,760,570	-	-	-	-

Public Works Totals for Refuse Enterprise Fund (731)

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	240,547	2,910,570	2,910,570	90,000	450,000	475,000	1,015,000
Total Project Funding Estimate:	-	150,000	150,000	-	-	-	-
Total Net Project Cost Estimate:	240,547	2,760,570	2,760,570	90,000	450,000	475,000	1,015,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

741- Parking Enterprise Fund

Downtown Parking Structure

Project Description:

Design, environmental review and construction reflected in FY 2015 budget for a parking structure in the downtown parking district. Debt proceeds based on bond issuance.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c400053							Account # 741-40-64-7452-57309
Project Cost Estimate:	33,634	1,500,000	1,500,000	-	21,500,000	-	21,500,000
Project Funding Estimates:							
Other long-term debt issued	-	1,500,000	1,500,000	-	21,500,000	-	21,500,000
Net Project Cost Estimates:	33,634	-	-	-	-	-	-

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c400007							Account # 741-40-64-7452-57309
Project Cost Estimate:	26,038	603,962	603,962	-	-	-	-
Net Project Cost Estimates:	25,869	603,962	603,962	-	-	-	-

River-Front and Cedar Garages Deck Restoration

Project Description:

This project improves the structural integrity of the roof parking decks on both garages by repair and seal pretension double tee connectors, concrete spilling and eliminating water intrusions at expansion joints. This project will increase the longevity of both garages. The Cedar-Church Garage would be scheduled for FY16, and the River-Front Garage for FY18.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401508							Account # 741-40-64-7452-57309
Project Cost Estimate:	-	350,000	350,000	500,000	1,500,000	-	2,000,000
Net Project Cost Estimates:	-	350,000	350,000	500,000	1,500,000	-	2,000,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (EXISTING)

741- Parking Enterprise Fund

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 garage.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401509							Account # 741-40-64-7452-57309
Project Cost Estimate:	-	250,000	250,000	-	-	-	-
Net Project Cost Estimates:	-	250,000	250,000	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Existing Capital Projects for Parking Enterprise Fund (741) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	964,242	2,703,962	2,703,962	500,000	23,000,000	-	23,500,000
Total Project Funding Estimate:	343,536	1,500,000	1,500,000	-	21,500,000	-	21,500,000
Total Net Project Cost Estimate:	620,706	1,203,962	1,203,962	500,000	1,500,000	-	2,000,000

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

Public Works (FY 2015 COMPLETED PROJECTS)

741- Parking Enterprise Fund

River-Front Parking Structure Improvements

Project Description:

This project provided the design and construction of 3 distinct improvements for the structure: Architectural elements that increased security by limiting ingress/egress on the first floor; Painting of the interior of the garage for maintenance and improved light reflectivity, and; Lighting efficiency upgrades for the top parking deck.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401311							
							Account # 741-40-64-7452-57309
Project Cost Estimate:	262,273	140,044	140,044	-	-	-	-
Net Project Cost Estimates:	262,273	140,044	140,044	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Projects Completed in FY 2015 for Parking Enterprise Fund (741) Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	262,273	140,044	140,044	-	-	-	-
Total Project Funding Estimate:	-	-	-	-	-	-	-
Total Net Project Cost Estimate:	262,273	140,044	140,044	-	-	-	-

Public Works Totals for Parking Enterprise Fund (741)

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	1,226,515	2,844,006	2,844,006	500,000	23,000,000	-	23,500,000
Total Project Funding Estimate:	343,536	1,500,000	1,500,000	-	21,500,000	-	21,500,000
Total Net Project Cost Estimate:	882,979	1,344,006	1,344,006	500,000	1,500,000	-	2,000,000

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

Public Works (EXISTING)

**752- Storm Water Overlay
Enterprise Fund**

San Lorenzo River Flood Control Restoration and Beautification 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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c409512							Account # 752-40-61-7552-57311
Project Cost Estimate:	2,532,660	529,190	529,190	-	-	-	-
Net Project Cost Estimates:	2,418,356	529,190	529,190	-	-	-	-

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 proposes an initial project to more fully define the projects and amount of funding to address these deficiencies.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401314							Account # 752-40-61-7552-57311
Project Cost Estimate:	1,000	149,000	149,000	-	-	-	-
Net Project Cost Estimates:	1,000	149,000	149,000	-	-	-	-

San Lorenzo River Parkway Levee Improvements

Project Description:

This project includes the installation of approximately 40 lights on the west levee from Laurel Street Extension to Water Street, revegetation, interpretative signs, development of an exercise/recreation area near the Warrior Stadium Area, and installation of a rest area. The project includes engineering and design costs and is funded from a Proposition 84 grant. Prop 84 project for SLR levee improvements. \$500,000 grant from the state and \$30,000 local match from 752

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401416							Account # 752-40-61-7552-57311
Project Cost Estimate:	4,259	525,741	525,741	-	-	-	-
Project Funding Estimates:							
State capital grants	-	500,000	500,000	-	-	-	-
Net Project Cost Estimates:	4,259	25,741	25,741	-	-	-	-

City of Santa Cruz
 Adopted Capital Improvement Program Budget (by department)
 Fiscal Years 2016 - 2018

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.

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Project # c401207							Account # 752-40-61-7552-57311
Project Cost Estimate:	158,259	135,741	135,741	-	-	-	-
Net Project Cost Estimates:	158,259	135,741	135,741	-	-	-	-

City of Santa Cruz
Adopted Capital Improvement Program Budget (by department)
Fiscal Years 2016 - 2018

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	2,696,178	1,339,672	1,339,672	-	-	-	-
Total Project Funding Estimate:	114,304	500,000	500,000	-	-	-	-
Total Net Project Cost Estimate:	2,581,874	839,672	839,672	-	-	-	-

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

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	2,696,178	1,339,672	1,339,672	-	-	-	-
Total Project Funding Estimate:	114,304	500,000	500,000	-	-	-	-
Total Net Project Cost Estimate:	2,581,874	839,672	839,672	-	-	-	-

Public Works Totals

	Prior Year Totals	Fiscal Year 2015		FY 2016 Adopted	FY 2017 Estimate	FY 2018 Estimate	Total 2016 - 2018
		Budget	Estimated Actuals				
Total Project Cost Estimate:	35,750,673	64,800,058	64,457,058	15,412,436	41,628,000	23,275,000	80,315,436
Total Project Funding Estimate:	19,050,715	44,531,073	44,571,072	11,076,847	34,329,117	17,141,176	62,547,140
Total Net Project Cost Estimate:	16,699,958	20,268,985	19,885,986	4,335,589	7,298,883	6,133,824	17,768,296