



Adopted  
Capital Improvement Program Budget  
Fiscal Years 2017 - 2019

## **Guide to the Adopted Capital Improvement Program Budget FY 2017 – FY 2019**

### **CAPITAL IMPROVEMENT PROGRAM**

The City faces an ongoing challenge to meet its capital needs with limited resources. The preparation and adoption of the Capital Improvement Program (CIP) is an important part of the City's planning process to identify and meet those needs. It is a multi-year schedule of projects with their associated costs and proposed funding sources. The CIP represents the best efforts to allocate available resources toward projects that provide the most benefit for the people of Santa Cruz. It also highlights areas where funding is deficient.

Generally, projects in the CIP are relatively large-dollar amount, nonrecurring outlays and are for the purpose of constructing, purchasing, improving, replacing or restoring assets with multi-year useful life. In addition, certain special projects and activities are included.

The CIP includes proposed projects for the next three fiscal years. It also describes projects that will be carried over from the current fiscal year. The first year of the CIP is, by and large, incorporated into and adopted with the annual budget.

### **FINANCING**

The two basic methods to fund the CIP projects are (1) pay-as-you-go, which requires use of current revenues or cash on hand; and (2) pay-as-you-use, which uses debt financing to spread acquisition costs over the period of time the City plans to use a capital asset. Funds dedicated to pay-as-you-go include a share of transient occupancy taxes, grants, parks facilities taxes and fees, traffic impact and other development fees, and user fees in the enterprise funds. Both of these funding methods are useful, depending on the nature of the projects.

### **USING THE CIP**

The Capital Improvement Program is divided into three sections:

- Listing of Projects by Category
- Projects that Support the City's Climate Action Plan
- New Projects
- Existing Projects
- Completed Projects

### **PROJECTS**

This section provides information on proposed capital improvements over the next 3 years. It is organized by primary fund or funding source and function. Within each subsection projects are arranged alphabetically.

Each project is identified by a project name and number (if previously assigned), and a project description/justification. It also includes a total project cost estimate. If applicable, the project cost estimate is reduced by additional outside funding sources, to arrive at a "net expenditure". This is the net amount that must be funded by the primary funding source of the fund. This information is provided for each of the periods displayed:

- **"Prior Years"** Shows the total amount that has been spent on the project in prior years up to the end of the last fiscal year.
- **"2016 Budget"** Shows the total amount appropriated for the current fiscal year.
- **"2016 Estimated"** Shows the total amount of the FY 2016 funding that will be spent on the project, including what has been spent or encumbered and what will be carried forward into FY 2017.
- **"2017 Adopted", "FY 2018 Estimated", and "FY 2019 Estimated"** Each individual column shows the adopted (year 2017 only) and the future estimated funding required for the project for each identified fiscal year.
- **"Total 2017 - 2019"** Shows the total adopted funding required for the projects in FY 2017, and the total estimated funding required for FY 2018, and FY 2019.

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At the end of each section is a summary of total project costs, funding sources, and net project costs for capital projects, maintenance and other projects, and a combined total for the fund(s).

**UNFUNDED PROJECTS**

The Unfunded Projects section includes those projects that will be proposed once funding can be identified, and staff resources are available.

**FUND BALANCE PROJECTIONS**

This section includes a three-year projection of sources, uses and fund balances for each fund or funding source included in the CIP. An overview of the impact of projected revenue and expenditures on fund balances over time can be seen in these tables. Fund balance projections for the following funds are included in the “Fund Balance Projection” section of the CIP. The following table identifies funding sources for each fund:

Fund	Primary Funding Source	Major Project Types
<b>Governmental:</b>		
Capital Improvement Fund-General	Grants, share of transient occupancy tax, General Fund subsidy	Storm drains, transportation, government, buildings, parks, playgrounds, wharf, sidewalks, utility undergrounding, and lighting
Capital Improvement Fund - Arterial Streets and Roads Fund	Grants, City Public Trust Fund	Transportation
Clean Rivers, Beaches, and Ocean Tax Fund	Tax assessments	Environmental, education
Community Development Block Grant (CDBG) Fund	Grants	Housing and Community Development
Gas Tax Fund	State gasoline tax	Transportation
Parks and Recreation Fee Fund	Subdivision developer impact fees	Parks, playgrounds, community centers, and other Parks and Recreation facilities
Parks and Recreation Facility Tax Fund	Residential construction excise tax	Parks, playgrounds, community centers, and other Parks and Recreation facilities
RDA/SA-Redevelopment Obligation Retirement Fund	Property Tax	Successor Agency Funds
RDA/SA - Low/Mod Income Housing Funds	Property Tax	Affordable Housing Construction
RDA/SA-Capital Projects Fund	Property Tax	Street improvements, property rehabilitation, economic development, and other capital improvements
RDA/SA-Capital Projects-Admin	Property Tax	Administrative Costs of Successor Agency.
RDA/SA-Capital Projects-Del Mar Theater	Property Tax	Property management, maintenance and capital improvements to the Del Mar
SA City Low/Mod Income Housing Funds	Property Tax	Housing and Community Development
<b>Enterprise:</b>		
Water Fund	User Fees	Water system infrastructure
Water Fund - SDC	User Fees	Water system Development
Wastewater Fund	User Fees	Wastewater system infrastructure
Refuse Fund	User Fees	Sanitation, recycling and landfill infrastructure
Parking Fund	User Fees	Downtown parking district facilities, including parking lots and structures
Storm Water Fund	Storm water fees	Flood control facilities
Storm Water Overlay Fund	Storm water fees	Flood control facilities
Golf Course Fund	User fees	Golf course infrastructure

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## Projects that Support the City's Climate Action Plan

Project Title	Project No.	FY 2016 Estimated Project Cost	FY 2017 Estimated Project Cost
Arana Gulch Multi Use Trail - Broadway/Brommer	c401319	21,038	-
Bay and King Streets Protected Left-Turns and Streetlights	c401616	336,900	-
Bay Street Sidewalk Completion Infill	c401615	627,700	-
Branciforte Creek Bike/Pedestrian Bridge	c401001	2,478,515	-
Citywide Safe Routes to School Crossing Improvements	c401617	1,404,000	-
Civic Auditorium General Lighting Improvements	c301603	75,000	-
Civic Auditorium Theatre Lighting Improvements	c301604	67,000	-
CNG Fueling Station and Fleet Maintenance Shop Safety Improvements	c401613	90,000	925,000
Corp Yard Solar Upgrade	c601501	30,136	50,600
Downtown Parking Lot #9 LID Retrofit	c401415	222,374	-
Food Waste Collection and Conversion	c401204	77,654	200,000
Green Lane Project	c401513	50,000	-
Install Corp Yard Heating System - CEC	c601606	42,224	-
Insulate Ducktwork on Annex Roof - CEC	c601603	4,500	-
Laurel Park Lighting	c301525	4,440	-
LED light replacement (City-wide) - CEC	c401418	703,209	-
MB Sanctuary Scenic Trail (Rail Trail) Segment 7	c401413	803,847	3,520,000
Murray Street Bridge Seismic Retrofit and Barrier Rail	c409321	8,778,943	300,000
Pedestrian Crosswalk Safety Projects	c401609	182,436	-
Photovoltaic Systems Evaluations/Construction	c701607	40,000	500,000
Recycled Water	c701611	350,000	-
	c701612	150,000	-
Remove Corp Yard Wall Furnaces - CEC	c601608	11,231	-
Remove Indoor Condenser - Maint Garage - CEC	c601614	4,758	-
Replace City Hall Condensing Units - CEC	c601601	29,797	-
Replace City Hall Exhaust Fans - CEC	c601602	5,888	-
Replace Civic Aud Air Handler Motors - CEC	c301616	22,692	-
Replace Corp Yard Condensing Unit - CEC	c601610	7,229	-

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## Projects that Support the City's Climate Action Plan

Project Title	Project No.	FY 2016 Estimated Project Cost	FY 2017 Estimated Project Cost
Replace Corp Yard Services Bay Heaters - CEC	c601609	12,821	-
Replace Fans on Annex Roof - CEC	c601604	8,058	-
Replace Fire Admin Furnaces & Condensers - CEC	c211603	24,500	-
Replace Furnace - Maint Garage - CEC	c601612	4,184	-
Replace Golf Cart Storage Lighting - CEC	c301618	39,413	-
Replace Heater - Maint Garage - CEC	c601613	4,292	-
Replace Heaters- Maint Building D - CEC	c601611	12,821	-
Replace Pool House Pumps - CEC	c301620	50,627	-
Retrofit Civic Aud Interior Lighting - CEC	c301615	49,052	-
Retrofit Corp Yard Exterior Lighting - CEC	c601605	8,867	-
Retrofit Exterior Lighting (City-Wide) - CEC	c601615	15,372	-
Retrofit Fire Admin Lighting - CEC	c211601	7,642	-
Retrofit Golf Clubhouse Lighting - CEC	c301617	51,981	-
Retrofit Louden Center Lighting - CEC	c301619	23,787	-
San Lorenzo River Trestle Bridge Connections Project	c400058	49,721	-
Trolley Acquisition	c511704	-	110,000
UCSC Smart Bike Lockers	c401212	74,861	-
UCSC-City Transportation Improvements & Studies	c401008	250,000	-
Westlake School Pedestrian Safety	c401211	19,837	-
Wharf Ticketing Booths/ Gates	c301501	1,000,000	600,000
WWTF-Reclaim Water	c401604	250,000	-
<b>Projects that support the Climate Action Plan Totals:</b>		<b><u>18,579,347</u></b>	<b><u>6,205,600.00</u></b>

City of Santa Cruz  
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Unfunded Projects

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	ESTIMATED
<b><u>Fire Department</u></b>	<b><u>TOTAL</u></b>
Fire Department Training Center	\$ 2,000,000
Lifeguard Headquarters Renovation	634,000
Lifeguard Headquarters Rebuild - (2-3 million)	3,000,000
Garage and Storage Space (Station 2)	500,000
<b>Total Fire Department Unfunded Projects:</b>	<b>6,134,000</b>
<b><u>Parks and Recreation:</u></b>	
Cowell Beach Emergency Access	60,000
Pacific Ave & Side St. Tree Grate Replace ( <i>possible art component</i> )	150,000
Pogonip Clubhouse Renovation	5,000,000
Recreation Facilities - Solar Panels Installation	400,000
Wharf Lifeguard Hdqtrs Deck Stabilization (Fire Dept/Lifeguards)	100,000
Wharf Marcella Fishing Boat Historical Preservation	30,000
Ball Park Lighting Upgrades	800,000
Civic Auditorium Renovations - (\$2 to \$22 million)	22,000,000
<b>Total Parks and Recreation Unfunded Projects:</b>	<b>28,540,000</b>
<b><u>Delaveaga Golf Course:</u></b>	
Driving Range Building Improvements	200,000
Maintenance Facility Improvements	50,000
Replace Existing Clubhouse	4,000,000
<b>Total Delaveaga Golf Course Unfunded Projects:</b>	<b>4,250,000</b>
<b>Total Parks and Recreation Department Unfunded Projects:</b>	<b>32,790,000</b>
<b><u>Public Works:</u></b>	
<b><u>Citywide Storm Drains:</u></b>	
Branciforte Creek Scour Repair and Maintenance	1,500,000
Grant Street Storm Drain Installation	400,000
Ladera Drive Storm Drain	200,000
Storm Drain Master Plan Projects	5,000,000

Soquel-Pine Street Improvements and Storm Drain	1,000,000
San Lorenzo River Gravity Outlet System Rehabilitation	400,000
San Lorenzo River Pump Station Rehab and Upgrades	2,000,000
Mission Street Extension Storm Drain	100,000

<b>Total Citywide Storm Drains Unfunded Projects:</b>	<b>10,600,000</b>
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**Transportation Improvements:**

Beach Street Streetscape	2,000,000
Cooper Street Streetscape	200,000
Downtown Side Street Streetscape	2,500,000
East Cliff Drive Walkway and Railing Repair (Seabright to 4th)	1,000,000
East Cliff Drive Walkway Widening (end of levee to Buena Vista)	1,000,000
King Street Bikeway	1,000,000
Laurel Street Improvements - Front to Chestnut	3,000,000
MB Sanctuary Scenic Trail (Rail Trail) Segment 9	11,900,000
Miscellaneous Bikeway Projects	10,000,000
Miscellaneous Traffic Signals and Projects	2,000,000
Neighborhood Traffic Calming Improvements	2,500,000
Ocean Street Improvements	6,000,000
Ocean Street Beautification	1,180,556
Pacific Avenue Streetscape - Laurel to Beach	2,000,000
Santa Cruz City Schools Complete Streets Master Plan	18,000,000
Sidewalks and Access Ramps	10,000,000
State Route 1/Bay & Chestnut-King Improvements	3,000,000
State Rte 1 Bridge Replacement	16,000,000
Street Overlay and Reconstruction (In additon to Measure H and Grants)	30,000,000
Third Street Walkway /Front Street Slope Stabilization and Repair	500,000
West Cliff Dr. Stair Rehabilitation	100,000
West Cliff Drive Revetments	2,000,000
Unimproved Streets	9,000,000

<b>Total Transportation Improvements Unfunded Projects:</b>	<b>134,880,556</b>
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**Downtown Parking Improvements:**

Downtown Parking Structure (\$14-41,000,000)	\$30,000,000
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<b>Total Downtown Parking Unfunded Projects:</b>	<b>30,000,000</b>
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**Citywide Improvements**

Facilities Master Plan	30,500,000
<b>Total Citywide Improvements Unfunded Projects:</b>	<b>30,500,000</b>
<b>Total Public Works Department Unfunded Projects:</b>	<b>205,980,556</b>

**Economic Development**

**Wharf Public/ Economic Capital Improvements:**

Small Boat Landing	3,500,000
Gateway Building	972,000
Landmark Building	2,520,000
Events Pavilion	1,488,000
East Promenade	15,000,000
South Landing	1,200,000
West Public Access Extension	3,000,000
<b>Total Wharf Public/ Economic Capital Improvements:</b>	<b>27,680,000</b>

**Citywide Improvements**

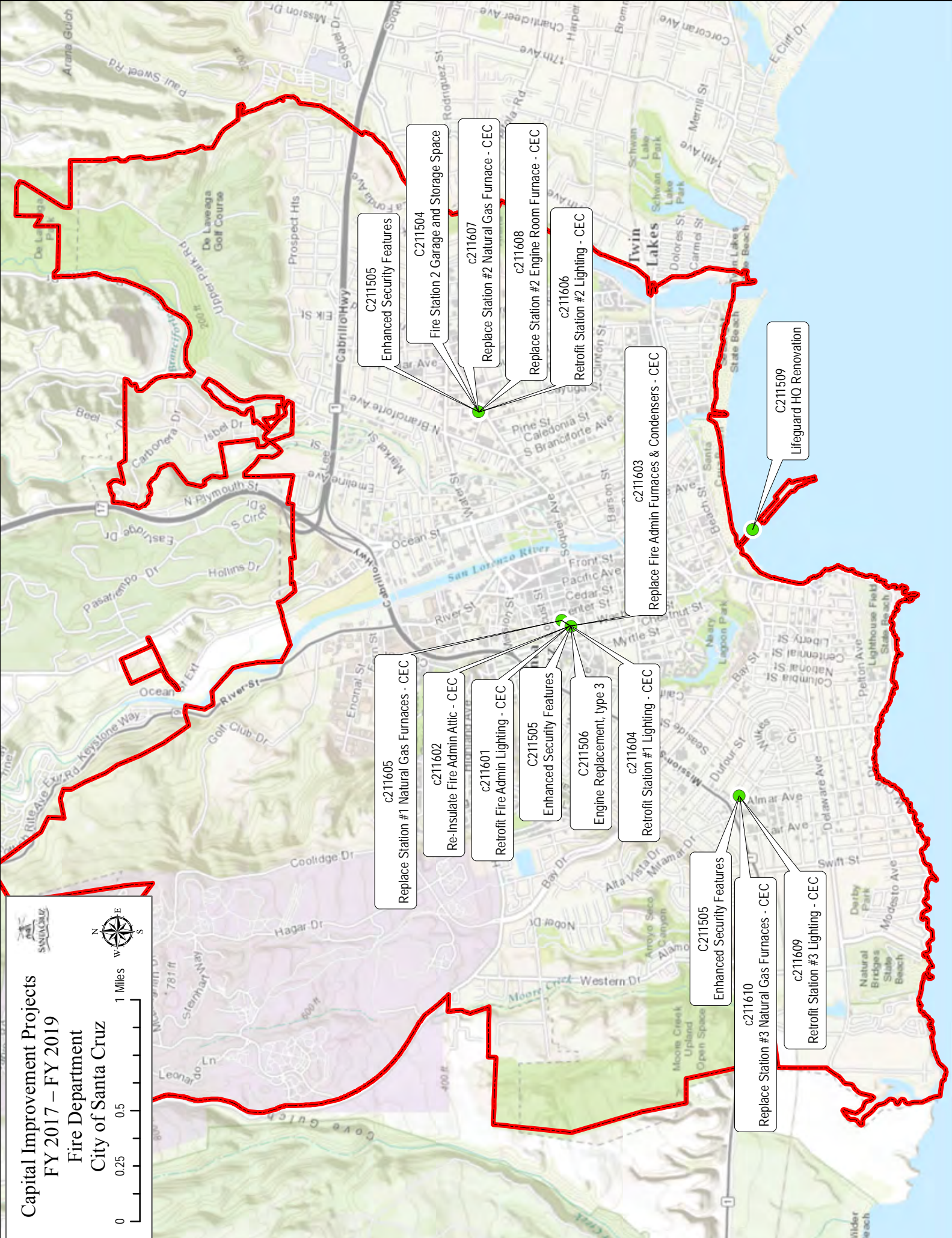
Eastside Improvements	500,000
<b>Total Citywide Improvements:</b>	<b>500,000</b>
<b>Total Economic Development Department Unfunded Projects:</b>	<b>28,180,000</b>
<b>Total Unfunded Projects Citywide:</b>	<b>\$ 273,084,556</b>



# Fire Department Capital Improvement Projects



Capital Improvement Projects  
 FY 2017 – FY 2019  
 Fire Department  
 City of Santa Cruz



C211505  
 Enhanced Security Features

C211504  
 Fire Station 2 Garage and Storage Space

c211607  
 Replace Station #2 Natural Gas Furnace - CEC

c211608  
 Replace Station #2 Engine Room Furnace - CEC

c211606  
 Retrofit Station #2 Lighting - CEC

c211603  
 Replace Fire Admin Furnaces & Condensers - CEC

C211509  
 Lifeguard HQ Renovation

c211605  
 Replace Station #1 Natural Gas Furnaces - CEC

c211602  
 Re-Insulate Fire Admin Attic - CEC

c211601  
 Retrofit Fire Admin Lighting - CEC

C211505  
 Enhanced Security Features

C211506  
 Engine Replacement, type 3

c211604  
 Retrofit Station #1 Lighting - CEC

C211505  
 Enhanced Security Features

c211610  
 Replace Station #3 Natural Gas Furnaces - CEC

c211609  
 Retrofit Station #3 Lighting - CEC

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**Fire (EXISTING)**

311- General Capital  
 Improvement Fund

**Engine Replacement - Type 3**

**Project Description:**

The Fire Department will purchase a Type 3 engine, a class of engine specifically designed to fight wild fires. The Fire Department's Type 3 engine, recently acquired as a part of the department's merger with UCSC's fire service, fails to meet the Fire Department's needs due to its age and lack of four-wheel drive. By acquiring a new Type 3 engine with four-wheel drive, the Fire Department will be able to provide better protection services to UCSC, the City's wild land interface, Pogonip, and other wild land areas. This acquisition was originally approved for FY 17 as a part of the FY15-17 CIP budget (account #311 21 00 9620 57402), but it is being advanced a year because of the possibility that the Fire Department will be awarded a federal grant to help purchase a Type 3 engine. Depending on the award of the grant, the City will be expected to cover between ten and twenty percent of the purchase price in matching funds, or up to \$70,000. However, if the grant is not forthcoming, the Fire Department will need to acquire the Type 3 engine in the next fiscal year as originally planned. The Fire department was not awarded the grant, therefore the city will be paying for the Type 3 engine. The Fire Department is expecting revenue of \$50,000 in FY 17, 18, & 19 from the county through strike teams.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c211506</b>	<b>Account # 311-21-00-9620-57402</b>						
<b>Project Cost Estimate:</b>	-	350,000	-	-	450,000	-	450,000
<b>Project Funding Estimates:</b>							
<b>Federal capital grants</b>	-	280,000	-	-	-	-	-
<b>Other agency contributions</b>	-	-	-	-	50,000	50,000	100,000
<b>Net Project Cost Estimates:</b>	-	70,000	-	-	400,000	(50,000)	350,000

**Enhanced Security Features at Fire Department Facilities**

**Project Description:**

This project will add security gates to Fire Stations 1, 2 and 3 and install security cameras and lighting at the Department's Administration building. These security measures have become necessary to address the increased incidence of vandalism to cars belonging to Fire Department personnel and to prevent non-Fire Department vehicles from parking in the Fire Station driveways.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c211505</b>	<b>Account # 311-21-00-9610-57390</b>						
<b>Project Cost Estimate:</b>	46,000	4,000	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	46,000	4,000	-	-	-	-	-









City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
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**Existing Capital Projects for General Capital Improvement Fund (311) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	73,496	486,721	82,217	-	1,556,000	-	1,556,000
<b>Total Project Funding Estimate:</b>	-	362,217	82,217	-	50,000	50,000	100,000
<b>Total Net Project Cost Estimate:</b>	73,496	124,504	-	-	1,506,000	(50,000)	1,456,000



# Fire Department Capital Improvement Projects FY 2016 Completed Projects



Station #2 Gate



Station #3 Gate



City of Santa Cruz  
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**FY16 Completed Projects for General Capital Improvement Fund (311) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	576,357	-	-	-	-	-	-
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	576,357	-	-	-	-	-	-

**Fire Totals for General Capital Improvement Fund (311)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	649,853	486,721	82,217	-	1,556,000	-	1,556,000
<b>Total Project Funding Estimate:</b>	-	362,217	82,217	-	50,000	50,000	100,000
<b>Total Net Project Cost Estimate:</b>	649,853	124,504	-	-	1,506,000	(50,000)	1,456,000

Fire Totals

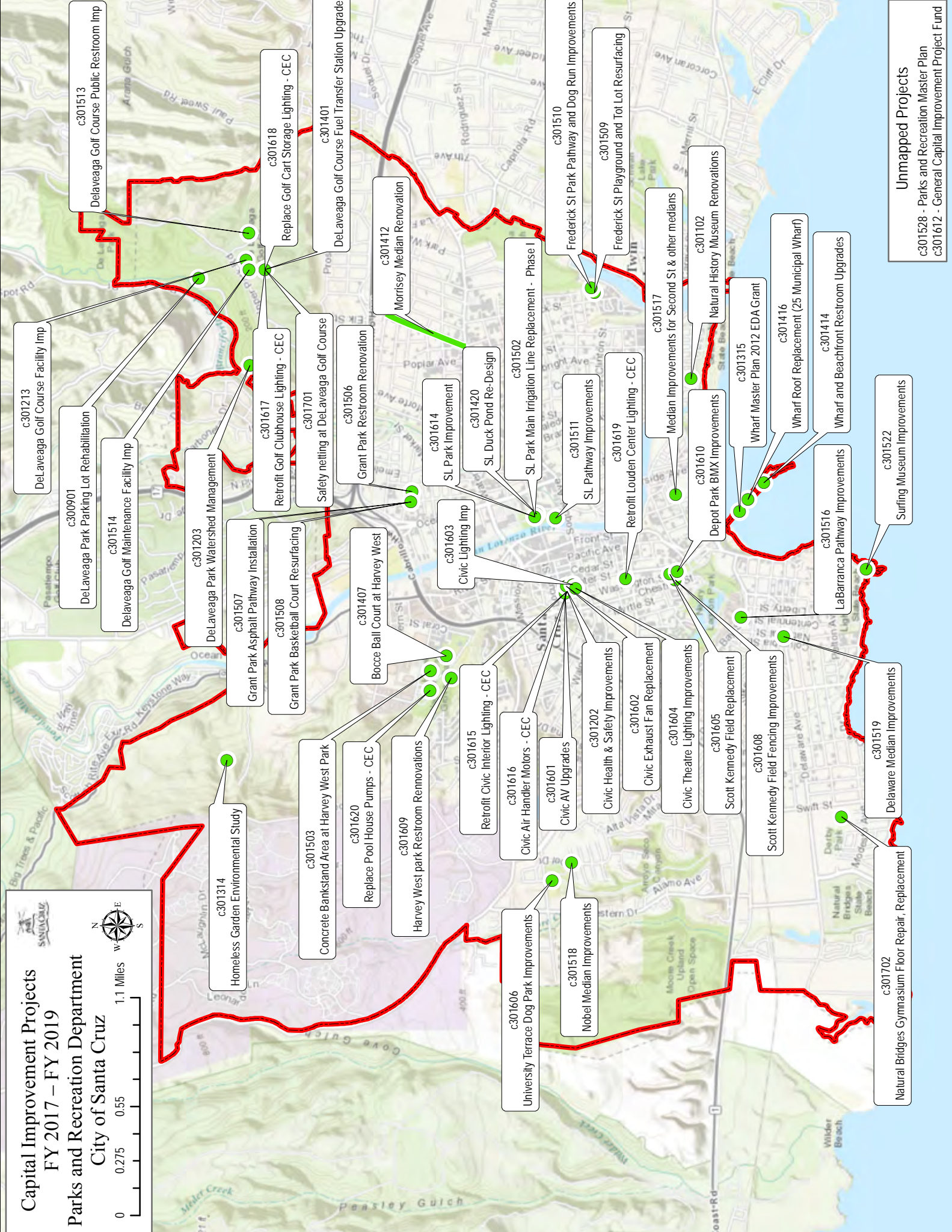
	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	649,853	486,721	82,217	-	1,556,000	-	1,556,000
<b>Total Project Funding Estimate:</b>	-	362,217	82,217	-	50,000	50,000	100,000
<b>Total Net Project Cost Estimate:</b>	649,853	124,504	-	-	1,506,000	(50,000)	1,456,000

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# Parks and Recreation Department Capital Improvement Projects



# Capital Improvement Projects FY 2017 – FY 2019 City of Santa Cruz



c301314  
Homeless Garden Environmental Study

c301503  
Concrete Bankstand Area at Harvey West Park

c301620  
Replace Pool House Pumps - CEC

c301609  
Harvey West park Restroom Renovations

c301615  
Retrofit Civic Interior Lighting - CEC

c301616  
Civic Air Handler Motors - CEC

c301601  
Civic AV Upgrades

c301202  
Civic Health & Safety Improvements

c301602  
Civic Exhaust Fan Replacement

c301604  
Civic Theatre Lighting Improvements

c301605  
Scott Kennedy Field Replacement

c301608  
Scott Kennedy Field Fencing Improvements

c301519  
Delaware Median Improvements

c301702  
Natural Bridges Gymnasium Floor Repair, Replacement

c301606  
University Terrace Dog Park Improvements

c301518  
Nobel Median Improvements

c301507  
Grant Park Asphalt Pathway Installation

c301508  
Grant Park Basketball Court Resurfacing

c301407  
Bocce Ball Court at Harvey West

c301603  
Civic Lighting Imp

c301614  
SL Park Improvement

c301420  
SL Duck Pond Re-Design

c301502  
SL Park Main Irrigation Line Replacement - Phase I

c301511  
SL Pathway Improvements

c301619  
Retrofit Louden Center Lighting - CEC

c301610  
Depot Park BMX Improvements

c301315  
Wharf Master Plan 2012 EDA Grant

c301416  
Wharf Roof Replacement (25 Municipal Wharf)

c301516  
LaBarranca Pathway Improvements

c301522  
Surfing Museum Improvements

c301213  
Delaveaga Golf Course Facility Imp

c300901  
Delaveaga Park Parking Lot Rehabilitation

c301514  
Delaveaga Golf Maintenance Facility Imp

c301203  
Delaveaga Park Watershed Management

c301617  
Retrofit Golf Clubhouse Lighting - CEC

c301701  
Safety netting at Delaveaga Golf Course

c301506  
Grant Park Restroom Renovation

c301412  
Morrisey Median Renovation

c301509  
Frederick St Park Pathway and Dog Run Improvements

c301509  
Frederick St Playground and Tot Lot Resurfacing

c301517  
Median Improvements for Second St & other medians

c30102  
Natural History Museum Renovations

c301416  
Wharf Master Plan 2012 EDA Grant

c301416  
Wharf Roof Replacement (25 Municipal Wharf)

c301414  
Wharf and Beachfront Restroom Upgrades

**Unmapped Projects**  
c301528 - Parks and Recreation Master Plan  
c301612 - General Capital Improvement Project Fund







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**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Bocce Ball Court at Harvey West**

**Project Description:**

The project would construct a bocce ball court at Harvey West Park at the Friendship Garden area. In addition, the project will construct environmental and facility improvements aimed at bringing a more positive use to the area.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301407</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	4,120	65,880	65,880	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Donations-Parks and Recreation</b>	-	15,000	15,000	-	-	-	-
<b>Quimby NW Quadrant</b>	4,120	50,880	50,880	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Civic Aud Health & Safety Improvements**

**Project Description:**

Health and safety improvements (including heating and ventilation). Funding for this project may be available through the award of Packard grant.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301202</b>	<b>Account # 311-30-41-9120-57203</b>						
<b>Project Cost Estimate:</b>	119,927	80,073	80,073	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby SW Quadrant</b>	119,927	80,073	80,073	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Civic Auditorium AV Upgrades**

**Project Description:**

Upgrades to the audio and visual components of the civic auditorium.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301601</b>	<b>Account # 311-30-41-9120-57290</b>						
<b>Project Cost Estimate:</b>	-	20,000	20,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	-	20,000	20,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-



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**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Concrete Bandstand Area at Harvey West Park**

**Project Description:**

Renovate and upgrade the concrete bandstand area at Harvey West Park and improve accessibility.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301503</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	20,000	20,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby NW Quadrant</b>	-	20,000	20,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**DeLaveaga Golf Course Facility Improvements**

**Project Description:**

Repairs and improvements to golf course facilities such as roof repair, plumbing, and painting.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # a301213</b>	<b>Account # 311-30-45-9190-57106</b>						
<b>Project Cost Estimate:</b>	-	-	-	25,000	-	-	25,000
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	-	-	-	25,000	-	-	25,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Delaveaga Golf Course Maintenance Facility Improvements**

**Project Description:**

Improvements to asphalt surfaces, employee parking, and waste and equipment washing stations.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301514</b>	<b>Account # 311-30-41-9120-57203</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	25,000	10,000	35,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	25,000	10,000	35,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Delaware Median Improvements**

**Project Description:**

This project provides for the restoration of the Delaware Median and will include demolition along with the addition of new irrigation rocks and landscaping.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301519</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	60,000	-	60,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	60,000	-	60,000

**Depot Park BMX Improvements**

**Project Description:**

Convert wooden BMX ramps to metal in a phased approach.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301610</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	32,000	32,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Donations-Parks and Recreation</b>	-	-	25,000	-	-	-	-
<b>Parks and Rec Facilities Tax Fund</b>	-	32,000	7,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Frederick Street Park Pathway and Dog Run Improvements**

**Project Description:**

Project includes pathway improvements throughout park in addition to development of a dog off-leash area.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301510</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	35,000	-	35,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	35,000	-	35,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Frederick Street Playground and Tot Lot Replacement**

**Project Description:**

Project includes a phased approach to replacing the Tot Lot and children's playground as well as the installation of exercise equipment.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301509</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	34,588	35,412	35,412	15,000	-	-	15,000
<b>Project Funding Estimates:</b>							
<b>Quimby SE Quadrant</b>	34,588	35,412	35,412	15,000	-	-	15,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**General Capital Improvement Project Fund**

**Project Description:**

Establish funding for unexpected and unforeseen projects throughout City parks.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301612</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	50,000	50,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	-	50,000	50,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Grant Park Asphalt Pathway Installation**

**Project Description:**

Project includes installation of an asphalt pathway through park and around restroom.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301507</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	35,000	-	35,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	35,000	-	35,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Homeless Garden Environmental Study**

**Project Description:**

This project will provide an environmental analysis and possible Master Plan amendment for the construction of the Homeless Garden in Pogonip.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301314</b>	<b>Account # 311-30-41-9110-57312</b>						
Project Cost Estimate:	-	25,000	25,000	-	-	-	-
Project Funding Estimates: Quimby NW Quadrant	-	25,000	25,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**La Barranta Pathway Improvements**

**Project Description:**

Renovate Decomposed Granite surfaces and pathway borders throughout park located on Bay Street.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301516</b>	<b>Account # 311-30-41-9110-57312</b>						
Project Cost Estimate:	-	-	-	-	31,000	-	31,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	31,000	-	31,000

**Median Improvements for Second Street and other medians**

**Project Description:**

Restoration of the Second Street hill median. The project will include the demolition of old material and the installation of rocks, irrigation, and plantings. This project is a part of the City wide beautification effort. Additional funding will be provided through the Quality of Life bond measure.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301517</b>	<b>Account # 311-30-41-9110-57312</b>						
Project Cost Estimate:	-	30,000	8,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	30,000	8,000	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Morrisey Median Renovation**

**Project Description:**

Renovate the Morrissey Medians between Water Street and Fairmont by installing new irrigation and drought tolerant plant material.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301412</b>	<b>Account # 311-30-41-9110-57390</b>						
<b>Project Cost Estimate:</b>	36,252	38,748	38,748	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby NE Quadrant</b>	36,252	38,748	38,748	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Natural History Museum Renovations**

**Project Description:**

This project will abate lead paint and replace windows. In addition, improvements will be made to lighting, and other public amenities as well as improvements to Surfing Museum Exhibits.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301102</b>	<b>Account # 311-30-41-9120-57203</b>						
<b>Project Cost Estimate:</b>	102,534	10,000	10,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby NW Quadrant</b>	72,554	-	-	-	-	-	-
<b>Quimby SE Quadrant</b>	30,000	10,000	10,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	(21)	-	-	-	-	-	-

**Nobel Median Improvements**

**Project Description:**

Restoration of the Nobel Median. This project will include demolition, turf elimination, conversion to drip irrigation, and the use of herbicide as needed. This project is a part of the City wide beautification effort. Additional funding will be provided through the Quality of Life bond measure.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301518</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	50,000	17,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	50,000	17,000	-	-	-	-









City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**University Terrace Dog Park Improvements**

**Project Description:**

Fully enclose the off-leash dog area of the park.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301606</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	-	11,940	11,940	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby NW Quadrant</b>	-	11,940	11,940	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Wharf and Beachfront Restroom Upgrades**

**Project Description:**

This is a general facility upgrade to address ADA compliance, tile work in Wharf restroom #1 as well as some fixture and stall partition replacements in 4 of 5 Wharf and Beachfront restrooms.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301414</b>	<b>Account # 311-30-41-9120-57290</b>						
<b>Project Cost Estimate:</b>	4,155	298,115	298,115	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Liability Insurance Fund</b>	-	177,270	177,270	-	-	-	-
<b>Net Project Cost Estimates:</b>	4,155	120,845	120,845	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

311- General Capital  
 Improvement Fund

**Wharf Master Plan 2012 EDA Grant**

**Project Description:**

In September 2012, U.S. Dept of Commerce awarded grant in the amount of \$850,000 with local match of \$170,000 from Parks and Rec Facilities Tax Fund - Total \$1,020,000

Federal match = 84% or \$850,000 whichever is less (see update below)

Local match = 16%

After the first two billings were prepared, we received clarification that the federal reimbursement percentage is actually 83.333%. For all future billings (with the exception of the final grant draw), we will use 83% for federal and 17% for local.

Complete Wharf Master Plan which will identify specific maintenance operations for all aspects of wharf, identify all recreational and educational services, identify and accommodate for all commercial uses and guidelines, short and long term improvements to the wharf pedestrian and vehicular surfaces as well as facilities.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301315</b>	<b>Account # 311-30-43-9220-57303</b>						
<b>Project Cost Estimate:</b>	885,648	134,352	134,352	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Fed grants - other</b>	737,744	112,256	112,256	-	-	-	-
<b>Parks and Rec Facilities Tax Fund</b>	147,904	22,096	22,096	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Wharf Roof Replacement (25 Municipal Wharf)**

**Project Description:**

Remove and replace existing roofing over Fire fish, siding and windows as well as make general repairs to structural aspects of the facility.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301416</b>	<b>Account # 311-30-41-9120-57290</b>						
<b>Project Cost Estimate:</b>	7,231	325,557	325,557	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>From Wharf Tenant Capital Fund</b>	-	66,252	66,252	-	-	-	-
<b>From Municipal Wharf Fund</b>	-	17,536	17,536	-	-	-	-
<b>Net Project Cost Estimates:</b>	7,231	241,769	241,769	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Fiscal Year 2016						Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	
<b>Total Project Cost Estimate:</b>	1,441,045	2,270,194	2,215,194	165,000	261,000	60,000	486,000
<b>Total Project Funding Estimate:</b>	1,429,679	1,797,580	1,797,580	165,000	75,000	-	240,000
<b>Total Net Project Cost Estimate:</b>	11,366	472,614	417,614	-	186,000	60,000	246,000



# Parks and Recreation Department

## Capital Improvement Projects

### FY 2016 Completed Projects



**John Franks Park Playground Improvements**



**Harvey West Park Ball Field Lighting**



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (FY 2016 COMPLETED PROJECTS)**

311- General Capital  
 Improvement Fund

**Freight Building Renovation**

**Project Description:**

This project provides for the replacement of deteriorated windows and the exterior painting of the Freight Building located at Depot Park.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301524</b>	<b>Account # 311-30-41-9120-57203</b>						
<b>Project Cost Estimate:</b>	14,550	6,450	6,450	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby SW Quadrant</b>	14,550	6,450	6,450	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Garfield Park Restroom Renovation**

**Project Description:**

Renovate and upgrade restroom by installing new plumbing and fixtures, wall and floor resurfacing, repair floors, lighting, doors and repaint facility.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301303</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	6,588	25,000	397	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby SW Quadrant</b>	24,603	397	397	-	-	-	-
<b>Net Project Cost Estimates:</b>	(18,015)	24,603	-	-	-	-	-

**Harvey West Park Ball Field Lighting**

**Project Description:**

Replacement of nine sports lighting poles at Harvey West Park on Field #4. The wooden poles will be replaced with concrete pedestals and metal poles which provide significantly better lighting and more efficient.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301530</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	286,598	14,402	14,402	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>From General Fund</b>	286,598	14,402	14,402	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (FY 2016 COMPLETED PROJECTS)**

311- General Capital  
 Improvement Fund

**Louden Nelson Upgrades**

**Project Description:**

Replace grease trap, lighting and other facility upgrades.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301403</b>	<b>Account # 311-30-41-9120-57290</b>						
<b>Project Cost Estimate:</b>	61,239	8,761	8,761	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby NW Quadrant</b>	61,239	8,761	8,761	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Market Street Facility Exterior Painting**

**Project Description:**

Provide for exterior painting of the Senior Center.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301521</b>	<b>Account # 311-30-41-9120-57203</b>						
<b>Project Cost Estimate:</b>	4,220	8,780	9,770	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	4,220	8,780	8,780	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	990	-	-	-	-

**Market Street Senior Center Exhaust Fan Replacement**

**Project Description:**

Replacement of exhaust fan in the Senior Center located on Market Street.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301613</b>	<b>Account # 311-30-41-9120-57290</b>						
<b>Project Cost Estimate:</b>	-	8,000	8,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby NE Quadrant</b>	-	8,000	8,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (FY 2016 COMPLETED PROJECTS)**

311- General Capital  
 Improvement Fund

**Neary Lagoon Chestnut St Park Improvements**

**Project Description:**

This project provides for much need improvements to the facility and includes fencing repairs, play structure installation, and improvements to the signage and lighting upgrade area near basketball half court.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301301</b>	<b>Account # 311-30-41-9110-57312</b>						
<b>Project Cost Estimate:</b>	6,588	33,412	33,412	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Quimby SW Quadrant</b>	6,588	33,412	33,412	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Ocean Street Median Renovation**

**Project Description:**

Project would renovate the Ocean Street Medians from Plymouth Street to Soquel Avenue. Improvements would include installation of irrigation and water meter to enhance one of the entry points into Santa Cruz.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301417</b>	<b>Account # 311-30-41-9110-57390</b>						
<b>Project Cost Estimate:</b>	28,935	1,065	1,065	-	-	-	-
<b>Net Project Cost Estimates:</b>	28,935	1,065	1,065	-	-	-	-

**San Lorenzo Park Restroom Renovation**

**Project Description:**

Renovate and upgrade restroom by installing new plumbing and fixtures, wall and floor resurfacing, repair floors, lighting, doors and repaint facility.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301308</b>	<b>Account # 311-30-41-9110-57203</b>						
<b>Project Cost Estimate:</b>	18,607	1,393	1,393	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	18,607	1,393	1,393	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (FY 2016 COMPLETED PROJECTS)**

311- General Capital  
 Improvement Fund

**Volleyball Court Improvements**

**Project Description:**

Replace and update volleyball court features such as nets and poles at various City courts.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301611</b>							
<b>Project Cost Estimate:</b>	-	27,000	27,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	-	27,000	27,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

Account # 311-30-41-9110-57312



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for General Capital Improvement Fund (311) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	498,062	367,804	344,191	-	-	-	-
<b>Total Project Funding Estimate:</b>	466,847	289,213	289,213	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	31,215	78,591	54,978	-	-	-	-

**Parks and Recreation Totals for General Capital Improvement Fund (311)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	1,939,107	2,637,998	2,559,385	185,000	261,000	60,000	506,000
<b>Total Project Funding Estimate:</b>	1,896,526	2,086,793	2,086,793	185,000	75,000	-	260,000
<b>Total Net Project Cost Estimate:</b>	42,581	551,205	472,592	-	186,000	60,000	246,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

761- Golf Course  
Enterprise Fund

**DeLaveaga Golf Course Facility Improvements**

**Project Description:**

Repairs and improvements to golf course facilities such as roof repair, plumbing, and painting.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301213</b>	<b>Account # 761-30-45-7653-57106</b>						
<b>Project Cost Estimate:</b>	61,706	113,294	113,294	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parks and Rec Facilities Tax Fund</b>	-	50,000	50,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	61,706	63,294	63,294	-	-	-	-

**DeLaveaga Golf Course Fuel Transfer Station Upgrade**

**Project Description:**

Upgrades to existing fuel pumps and tanks at golf course maintenance facility.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301401</b>	<b>Account # 761-30-45-7653-57106</b>						
<b>Project Cost Estimate:</b>	-	15,000	15,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	15,000	15,000	-	-	-	-

**Replace Golf Cart Storage Lighting - CEC**

**Project Description:**

Replace interior lighting with LED fixtures with daylight controls, continuous dimming, wireless control and motion control.  
 Energy savings of 16,311 kWh.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301618</b>	<b>Account # 761-30-45-7653-57305</b>						
<b>Project Cost Estimate:</b>	-	39,413	39,413	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	39,413	39,413	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (EXISTING)**

761- Golf Course  
 Enterprise Fund

**Retrofit Golf Clubhouse Lighting - CEC**

**Project Description:**

Comprehensive interior lighting retrofit which includes LED fixtures with daylight controls, continuous dimming, wireless control and motion control. Energy savings of 21,393 kWh.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301617</b>							
<b>Project Cost Estimate:</b>	-	51,981	51,981	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	51,981	51,981	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

Account # 761-30-45-7653-57305

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for Golf Course Enterprise Fund (761) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	61,706	219,688	219,688	-	-	-	-
<b>Total Project Funding Estimate:</b>	-	141,394	141,394	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	61,706	78,294	78,294	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Parks and Recreation (FY 2016 COMPLETED PROJECTS)**

761- Golf Course  
 Enterprise Fund

**DeLaveaga Property Infrastructure Costs**

**Project Description:**

Funding for required infrastructure projects to complete real property transaction with State.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301105</b>							<b>Account # 761-30-45-7653-57106</b>
<b>Project Cost Estimate:</b>	222,387	-	1,666	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>City Public Trust Fund</b>	213,659	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	8,728	-	1,666	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for Golf Course Enterprise Fund (761) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	222,387	-	1,666	-	-	-	-
<b>Total Project Funding Estimate:</b>	213,659	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	8,728	-	1,666	-	-	-	-

**Parks and Recreation Totals for Golf Course Enterprise Fund (761)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	284,093	219,688	221,354	-	-	-	-
<b>Total Project Funding Estimate:</b>	213,659	141,394	141,394	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	70,434	78,294	79,960	-	-	-	-

**Parks and Recreation Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	2,223,201	2,857,686	2,780,739	185,000	261,000	60,000	506,000
<b>Total Project Funding Estimate:</b>	2,110,185	2,228,187	2,228,187	185,000	75,000	-	260,000
<b>Total Net Project Cost Estimate:</b>	113,016	629,499	552,552	-	186,000	60,000	246,000

# Public Works Department Capital Improvement Projects



**Beach Area Roundabout – Winner of the 2016 “Outstanding Local Streets and Roads Project, Intelligent Transportation System Projects” award – CSAC & League of California Cities**

### Unmapped Projects

- c400809 - Arterial and Collector St Reconstruction & Overlay
- c400810 - Residential and Collector St Reconstruction & Overlay
- c401009 - UCSC City Clue Public Transportation
- c401314 - SL River Sanitary Sewer Siphon
- c401315 - SL River System Maintenance
- c401418 - LED Light Replacement
- c401511 - Sewer System Improvements
- c401513 - Green Lane Pilot Project
- c401602 - Citywide Traffic Signal Controller Upgrade
- c401609 - Pedestrian Crosswalk Safety Projects
- c401610 - Catch Basin Replacement Program
- c401612 - Sidewalk and Access Ramp Program
- c401617 - Citywide Safe Routes to School Crossing Improvements
- c401701 - Storm Water Trash Capture Program
- c401709 - CMP Storm Drain Pipe Replacement
- m401302 - Bridge Maintenance

- c401306 - Pogonip Creek Sedimentation Removal
- c401402 - Route 1 Bridge Replacement
- c401410 - Ocean/Water Intersection Imp
- m401601 - Pump Station P11-SP101 Modifications
- c401308 - Curtis Storm Drain - Phase 2
- c401301 - Market Street at Goss Minor Widening
- c401406 - Eastside Alley Sewer Project
- c401404 - Fairmount/Harrison Sewer Main Upgrade
- c401307 - Treveltham Storm Drain Project - Phase 1
- c401003 - Soquel @ Frederick Widening
- m401403 - Hagemann Aerial Sewer Rehabilitation
- c401104 - Ocean/Broadway Intersection
- c409669 - Jesse Street Marsh
- c401207 - SL River Pump Station #2
- c409321 - Murray St Bridge Retrofit
- c409512 - SLR Flood Control Environ Rest Project
- c401105 - Riverside Second St Imp
- c401309 - East Cliff Emergency Repair
- c401208 - Riverside Ave Improvements Phase II
- c401416 - SLR Parkway/Levee Imp
- c401315 - SL River Sanitary Sewer Siphon
- c401314 - SL River System Maintenance
- c401707 - Downtown SLR Drainage System Assessment
- c401611 - Front-Pac Historic Wall Repair
- c401614 - Cowell Beach Water Quality Project

- c400805 - Ocean Street Imp
- c401410 - River-Front Garage Elevator
- c401703 - Parking Equipment Replacement
- c400002 - Soquel Garage Coningled Plume
- c401509 - River-Front Garage Elevator
- c401704 - Parking Equipment Replacement
- c401514 - Traffic Signal Imp
- c401410 - Ocean Street Imp
- c400001 - Blanciforte Creek Bike Bridge
- c401704 - Parking Equipment Replacement
- c401514 - Traffic Signal Imp
- c401303 - East Cliff Emergency Repair
- c401208 - Riverside Ave Improvements Phase II
- c401416 - SLR Parkway/Levee Imp
- c401315 - SL River Sanitary Sewer Siphon
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- c401406 - Eastside Alley Sewer Project
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- c401707 - Downtown SLR Drainage System Assessment
- c401611 - Front-Pac Historic Wall Repair
- c401614 - Cowell Beach Water Quality Project

- c401008 - UCSC City Transportation Improvements
- c401212 - UCSC Smart Bike Lockers
- c401009 - UCSC City Clue Public Transportation
- c401103 - Bay/High Intersection
- c401507 - Bay St Storm Damage Repair
- c401008 - UCSC City Transportation Improvements
- c401212 - UCSC Smart Bike Lockers
- c401009 - UCSC City Clue Public Transportation
- c401103 - Bay/High Intersection
- c401507 - Bay St Storm Damage Repair
- c401301 - Parking Lot Repairs
- c401615 - Bay Street Sidewalk Completion Infill
- c401616 - Bay and King Streets Protected Left-Turns and Streetlights
- c401305 - Ladera Drive Sewer
- c401403 - Shaffer Rd RR Xing & Rte 1 Traffic Signal
- c401403 - Shaffer Rd RR Xing & Rte 1 Traffic Signal
- c401413 - Railroad from 35 Pacific Ave to 350 Natural Bridges Dr
- m400819 - West Cliff Drive Multi-use Maintenance
- c401501 - West Cliff Drive Revetment Repair
- c401501 - West Cliff Drive Revetment Repair
- m401402 - West Cliff Stair Repair
- c401414 - Clean Beach Initiative - Cowell Beach

- c401008 - UCSC City Transportation Improvements
- c401212 - UCSC Smart Bike Lockers
- c401009 - UCSC City Clue Public Transportation
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### 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

- c401303 - Beach/Cliff Traffic Signal
- m401402 - West Cliff Stair Repair
- c401414 - Clean Beach Initiative - Cowell Beach
- c401303 - Beach/Cliff Traffic Signal
- m401402 - West Cliff Stair Repair
- c401414 - Clean Beach Initiative - Cowell Beach

- c401303 - Beach/Cliff Traffic Signal
- m401402 - West Cliff Stair Repair
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### Capital Improvement Projects

#### FY 2017 - FY 2019

#### Public Works

#### City of Santa Cruz

0 0.25 0.5 1 Miles

### WWTF Projects

- c401204 - Food Waste Collection and Conversion
- c401405 - WWTF Transformer Replacement
- c401407 - WWTF Water Piping Rehab
- c401504 - WWTF Ultraviolet Disinfection System Replacement
- c401510 - WWTF County Odor Control System
- c401604 - WWTF Reclaim Water
- c401605 - WWTF Bioassay Laboratory
- c401606 - WWTF Sewer Main Rehabilitation
- c401607 - WWTF Upgrade Digester Equipment
- c401608 - WWTF Laboratory Modernization
- c401706 - WWTF Infrastructure and Major Equipment Study
- m401201 - WWTF Centrifuge Rebuild
- m401303 - WWTF Secondary Clarifiers Repairs
- m409659 - WWTF Equipment Replacement
- m409668 - Neary Lagoon Park Rehab/Restoration

### Land Fill Projects

- c400046 - Landfill Design/Partial Constr Cell 3
- c401205 - Recycling Center Dust Control System
- c401312 - Dimeo Lane Paving and Storm Drain

### City Land Fill



# Public Works Department Capital Improvement Projects FY 2016 Completed Projects



**Laurel Street Extension**



**Levee Lighting Project**

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

221- Gas Tax Fund

**Bay and King Streets Protected Left-Turns and Streetlights**

**Project Description:**

This Highway Safety Improvement Program (HSIP) Cycle 7 safety project converts the permissive left-turns (no arrow indicator) at the intersection to protected left-turns (green-red indicator arrow) on Bay at King and provides street lighting between Escalona and King. This is a very important safety project for bicyclists and pedestrian, and is fully funded by the federal HSIP grant.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401616</b>	<b>Account # 221-40-64-9320-57306</b>						
<b>Project Cost Estimate:</b>	-	336,900	336,900	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Federal Grants (HSIP)</b>	-	336,900	336,900	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Bay Street Sidewalk Completion Infill**

**Project Description:**

This Highway Safety Improvement Program (HSIP) Cycle 7 safety project provides sidewalks on the west side of Bay Street, between Escalona and King. This is a very important safety project for pedestrians, and is funded 88.53% by the federal HSIP grant.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401615</b>	<b>Account # 221-40-64-9330-57307</b>						
<b>Project Cost Estimate:</b>	-	627,700	627,700	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Federal Grants (HSIP)</b>	-	564,930	564,930	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	62,770	62,770	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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. Design and environmental review are complete and approved by City Council. Construction may be possible in FY 2016 contingent on permitting. A state only funded Active Transportation Program grant of \$1.8 million was awarded in FY16.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401001</b>							<b>Account # 221-40-64-9370-57310</b>
<b>Project Cost Estimate:</b>	496,485	2,478,515	2,478,515	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State capital grants</b>	75,000	1,800,000	1,800,000	-	-	-	-
<b>Traffic Impact - Citywide</b>	77,875	122,125	122,125	-	-	-	-
<b>RDA Successor Agency</b>	48,208	-	-	-	-	-	-
<b>State grants-RXTPX Funds</b>	300,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	(4,598)	556,390	556,390	-	-	-	-

**Bridge Maintenance**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # m401302</b>							<b>Account # 221-40-64-9370-57310</b>
<b>Project Cost Estimate:</b>	-	200,000	200,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Federal capital grants</b>	-	160,000	160,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	40,000	40,000	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

221- Gas Tax Fund

**Citywide Safe Routes to School Crossing Improvements**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 221-40-64-9330-57307</b>							
<b>Project # c401617</b>							
<b>Project Cost Estimate:</b>	-	1,404,000	1,404,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Fed grants - STIP</b>	-	1,404,000	1,404,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**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 was recently completed on Ocean Street.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 221-40-64-9330-57307</b>							
<b>Project # c401602</b>							
<b>Project Cost Estimate:</b>	-	165,000	165,000	-	165,000	-	165,000
<b>Net Project Cost Estimates:</b>	-	165,000	165,000	-	165,000	-	165,000

**Citywide Traffic Signal Improvements**

**Project Description:**

This traffic safety project will upgrade existing traffic signal heads and pedestrian heads to the current standards, including adding pedestrian count down heads at all intersections. The project is done within existing right-of-way and at various signalized intersections within the City. The project is funded by the federal Highway Safety Improvement Program.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 221-40-64-9320-57306</b>							
<b>Project # c401514</b>							
<b>Project Cost Estimate:</b>	10,884	120,031	539,631	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Fed grants - STIP</b>	3,488	120,031	536,899	-	-	-	-
<b>Net Project Cost Estimates:</b>	7,396	-	2,732	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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 and construction will be initiated in FY 2016-17, and include developer contributions.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401410</b>	<b>Account # 221-40-64-9320-57304</b>						
<b>Project Cost Estimate:</b>	-	750,000	750,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Donations-other</b>	-	-	20,000	-	-	-	-
<b>Capital contributions-developers</b>	-	150,000	150,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	600,000	580,000	-	-	-	-

**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.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401202</b>	<b>Account # 221-40-62-9390-57304</b>						
<b>Project Cost Estimate:</b>	16,033	158,968	158,968	-	-	-	-
<b>Net Project Cost Estimates:</b>	16,033	158,968	158,968	-	-	-	-

**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 Leibbrandt one-way inbound and removing the stop controls. This project schedule is included in the Riverside Ave Utility undergrounding project.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401105</b>	<b>Account # 221-40-64-9320-57306</b>						
<b>Project Cost Estimate:</b>	75,296	174,704	174,704	-	-	-	-
<b>Net Project Cost Estimates:</b>	25,296	174,704	174,704	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

221- Gas Tax Fund

**Soquel at Frederick Minor Widening**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401003</b>	<b>Account # 221-40-64-9311-57304</b>						
<b>Project Cost Estimate:</b>	16,178	321,822	321,822	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>RDA Successor Agency</b>	1,870	-	-	-	-	-	-
<b>State capital grants</b>	-	188,000	188,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	14,308	133,822	133,822	-	-	-	-

**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 2017 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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401402</b>	<b>Account # 221-40-64-9370-57310</b>						
<b>Project Cost Estimate:</b>	-	1,350,000	1,350,000	-	-	15,000,000	15,000,000
<b>Project Funding Estimates:</b>							
<b>Federal capital grants</b>	-	500,000	500,000	-	-	14,000,000	14,000,000
<b>Net Project Cost Estimates:</b>	-	850,000	850,000	-	-	1,000,000	1,000,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

221- Gas Tax Fund

**State Route 1/9 Intersection Improvements**

**Project Description:**

The project had been recommended in the Harvey West Traffic Studies, Citywide Cumulative Development Traffic Study and General Plan reduced congestion and improved safety. The Project Study Report and environmental review are completed and approved by Caltrans. Project design had been initiated in FY 2015 and right-of-way acquisition proposed in FY 2016 and 2017. Construction of the intersection improvements is anticipated in FY2017-18. 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 and may be delayed to gaps in state funding.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400805</b>							<b>Account # 221-40-64-9330-57304</b>
<b>Project Cost Estimate:</b>	29,311	5,412,791	5,412,791	3,669,000	2,660,000	-	6,329,000
<b>Project Funding Estimates:</b>							
<b>RDA Successor Agency</b>	5,108	-	-	500,000	-	-	500,000
<b>Traffic Impact - Citywide</b>	22,249	1,545,751	1,545,751	1,340,000	660,000	-	2,000,000
<b>State grants - Prop 1B</b>	-	2,000,000	2,000,000	-	-	-	-
<b>Federal capital grants</b>	-	-	-	1,329,000	2,000,000	-	3,329,000
<b>Net Project Cost Estimates:</b>	1,954	1,867,040	1,867,040	500,000	-	-	500,000

**West Cliff Drive Multi-use Path Pavement Rehabilitation**

**Project Description:**

This project will address some of the deferred maintenance of the path surface with patching, edge repair and slurry paving of the multi-use path. The first phase from Bay to Lighthouse Field was completed in FY 2012 and the second phase from Lighthouse to John Street was completed in FY 2015. The third phase is being developed for construction in FY2017 and includes additional funds. The project is implemented to minimize disruption for path users.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # m400819</b>							<b>Account # 221-40-64-9330-57304</b>
<b>Project Cost Estimate:</b>	341,878	354,666	354,666	60,000	-	-	60,000
<b>Project Funding Estimates:</b>							
<b>State grants - TDA</b>	147,281	150,000	158,871	-	-	-	-
<b>General CIP Fund</b>	35,726	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	158,871	204,666	195,795	60,000	-	-	60,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for Gas Tax Fund (221) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	4,361,527	23,587,150	24,006,750	4,029,000	4,325,000	15,000,000	23,354,000
<b>Total Project Funding Estimate:</b>	3,475,388	18,698,784	19,144,523	3,469,000	4,160,000	14,000,000	21,629,000
<b>Total Net Project Cost Estimate:</b>	886,139	4,888,366	4,862,227	560,000	165,000	1,000,000	1,725,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (FY 2016 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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400035</b>	<b>Account # 221-40-64-9320-57306</b>						
<b>Project Cost Estimate:</b>	2,590,888	166,112	166,112	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Developer fees</b>	10,565	-	-	-	-	-	-
<b>Local capital grants</b>	70,000	-	-	-	-	-	-
<b>Traffic Impact - Citywide</b>	2,076,435	-	-	-	-	-	-
<b>Arterial Street and Roads Fund</b>	394,740	205,260	205,260	-	-	-	-
<b>Net Project Cost Estimates:</b>	39,148	(39,148)	(39,148)	-	-	-	-

**Chestnut St Slip Out - Phase 2**

**Project Description:**

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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401210</b>	<b>Account # 221-40-62-9341-57304</b>						
<b>Project Cost Estimate:</b>	280,110	31,630	31,630	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Fed grants - FHWA</b>	50,548	200,261	200,261	-	-	-	-
<b>Net Project Cost Estimates:</b>	229,562	(168,631)	(168,631)	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (FY 2016 COMPLETED PROJECTS)**

221- Gas Tax Fund

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400058</b>	<b>Account # 221-40-64-9370-57310</b>						
<b>Project Cost Estimate:</b>	550,279	49,721	49,721	-	-	-	-
<b>Project Funding Estimates:</b>							
State grants - TDA	46,137	-	-	-	-	-	-
Traffic Impact - Citywide	34,496	40,504	-	-	-	-	-
Settlement proceeds	125,000	-	-	-	-	-	-
CDBG Fund	363,035	36,965	36,965	-	-	-	-
<b>Net Project Cost Estimates:</b>	(18,389)	(27,748)	12,756	-	-	-	-

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400804</b>	<b>Account # 221-40-64-9320-57306</b>						
<b>Project Cost Estimate:</b>	1,349,532	3,127	3,127	-	-	-	-
<b>Net Project Cost Estimates:</b>	420,671	3,127	3,127	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (FY 2016 COMPLETED PROJECTS)**

221- Gas Tax Fund

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401211</b>							<b>Account # 221-40-64-9330-57307</b>
<b>Project Cost Estimate:</b>	483,263	19,837	19,837	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Fed grants - Safe Routes to School</b>	324,422	178,678	178,678	-	-	-	-
<b>Net Project Cost Estimates:</b>	158,841	(158,841)	(158,841)	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for Gas Tax Fund (221) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	5,254,072	270,427	270,427	-	-	-	-
<b>Total Project Funding Estimate:</b>	4,424,239	661,668	621,164	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	829,833	(391,241)	(350,737)	-	-	-	-

**Public Works Totals for Gas Tax Fund (221)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	9,615,599	23,857,577	24,277,177	4,029,000	4,325,000	15,000,000	23,354,000
<b>Total Project Funding Estimate:</b>	7,899,627	19,360,452	19,765,687	3,469,000	4,160,000	14,000,000	21,629,000
<b>Total Net Project Cost Estimate:</b>	1,715,972	4,497,125	4,511,490	560,000	165,000	1,000,000	1,725,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (NEW)**

235- Clean Rivers & Beaches Fund

**Stormwater Trash Capture Program**

**Project Description:**

The State Water Resources Control Board adopted an amendment to the SWQC Permit requiring the city to "capture all trash". The permit amendment requires the City to implement a program within 10 years. The funding will assist in developing the program.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401701</b>							<b>Account # 235-40-60-9235-57311</b>
<b>Project Cost Estimate:</b>	-	-	-	100,000	-	-	100,000
<b>Net Project Cost Estimates:</b>	-	-	-	100,000	-	-	100,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	100,000	-	-	100,000
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	-	-	-	100,000	-	-	100,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401414</b>							<b>Account # 235-40-60-9235-57311</b>
<b>Project Cost Estimate:</b>	230,736	819,264	819,264	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State op grants &amp; contrib</b>	6,722	780,778	780,778	-	-	-	-
<b>Net Project Cost Estimates:</b>	224,014	38,486	38,486	-	-	-	-

**Cowell Beach Water Quality Project**

**Project Description:**

Project will include the following tasks: 1) Install screening under the wharf on and near shore to prevent pigeons from roosting near the Cowells beach hotspot; 2) Convene a panel of outside experts to review the City's current testing regime and provide advice on future testing; 3) Continue Microbial Source Tracking testing; and 4) Provide funding to the newly formed Cowell Beach Working Group.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401614</b>							<b>Account # 235-40-60-9235-57311</b>
<b>Project Cost Estimate:</b>	-	120,000	120,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Wastewater Fund</b>	-	40,000	40,000	-	-	-	-
<b>From General Fund</b>	-	10,000	10,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	70,000	70,000	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

235- Clean Rivers & Beaches Fund

**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. Awaiting final monitoring report completion to close project.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401415</b>							
							<b>Account # 235-40-60-9235-57311</b>
<b>Project Cost Estimate:</b>	30,964	222,374	222,374	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parking Fund</b>	-	54,208	54,208	-	-	-	-
<b>Local capital grants</b>	-	159,090	159,090	-	-	-	-
<b>Net Project Cost Estimates:</b>	30,964	9,076	9,076	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	261,700	1,161,638	1,161,638	-	-	-	-
<b>Total Project Funding Estimate:</b>	6,722	1,044,076	1,044,076	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	254,978	117,562	117,562	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (FY 2016 COMPLETED PROJECTS)**

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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401603</b>							<b>Account # 235-40-60-9235-57311</b>
<b>Project Cost Estimate:</b>	-	30,000	30,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	30,000	30,000	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for Clean Rivers & Beaches Fund (235) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	30,000	30,000	-	-	-	-
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	-	30,000	30,000	-	-	-	-

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	261,700	1,191,638	1,191,638	100,000	-	-	100,000
<b>Total Project Funding Estimate:</b>	6,722	1,044,076	1,044,076	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	254,978	147,562	147,562	100,000	-	-	100,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	135,000	350,000	50,000	535,000
<b>Total Project Funding Estimate:</b>	-	-	-	60,000	-	-	60,000
<b>Total Net Project Cost Estimate:</b>	-	-	-	75,000	350,000	50,000	475,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (NEW)**

311- General Capital  
 Improvement Fund

**Pacific Ave Sidewalk between Front & 2nd St**

**Project Description:**

This project provides for missing sidewalk between Front and Second Streets, on the east side, where pedestrians currently walk on the street behind diagonally parked cars. This improves accessibility and drainage on this busy beach area street. A net 5 metered parking spaces are estimated to be lost.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401708</b>							<b>Account # 311-40-64-9330-57307</b>
<b>Project Cost Estimate:</b>	-	-	-	-	300,000	-	300,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	300,000	-	300,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401507</b>							<b>Account # 311-40-62-9320-57306</b>
<b>Project Cost Estimate:</b>	-	175,000	175,000	50,000	-	-	50,000
<b>Net Project Cost Estimates:</b>	-	175,000	175,000	50,000	-	-	50,000

**Catch Basin Replacement Program**

**Project Description:**

Upgrade 15 non-standard catch basins with standard Type B catch basins at various locations throughout the city to reduce clogging during rainfall, minimizing maintenance and localized flooding.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401610</b>							<b>Account # 311-40-64-9330-57307</b>
<b>Project Cost Estimate:</b>	-	70,000	70,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	70,000	70,000	-	-	-	-

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401505</b>							<b>Account # 311-40-64-9340-57311</b>
<b>Project Cost Estimate:</b>	-	50,000	50,000	-	200,000	-	200,000
<b>Net Project Cost Estimates:</b>	-	50,000	50,000	-	200,000	-	200,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

311- General Capital  
 Improvement Fund

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401513</b>	<b>Account # 311-40-64-9330-57307</b>						
<b>Project Cost Estimate:</b>	500	79,500	50,000	-	79,500	50,000	129,500
<b>Project Funding Estimates:</b>							
<b>Gas Tax Fund</b>	-	50,000	50,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	500	29,500	-	-	79,500	50,000	129,500

**LED light replacement (City-wide) - CEC**

**Project Description:**

Retrofit of remaining city streetlights that are high pressure sodium (HPS) or metal halide (MH) to energy efficient light emitting diode (LED) lights to reduce maintenance costs and energy use. Several projects, approximately 1200 street lights have been completed with ARRA Stimulus, CDBG and off-bill financing funds. An additional 390 cobra head and 613 decorative post top street lights remain to beconverted with a Califocnia Energy Commission loan.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401418</b>	<b>Account # 311-40-61-9320-57305</b>						
<b>Project Cost Estimate:</b>	144,911	703,209	703,209	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Gas Tax Fund</b>	-	150,000	63,741	-	-	-	-
<b>Loan proceeds</b>	-	698,120	698,120	-	-	-	-
<b>From General Fund</b>	86,259	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	58,652	(144,911)	(58,652)	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

311- General Capital  
 Improvement Fund

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401301</b>							<b>Account # 311-40-64-9330-57307</b>
<b>Project Cost Estimate:</b>	-	200,000	200,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Federal capital grants</b>	-	200,000	200,000	-	-	-	-
<b>Contributions - businesses</b>	20,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	(20,000)	-	-	-	-	-	-

**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 is completing the 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 and some private contributions have been received.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401413</b>							<b>Account # 311-40-64-9330-57307</b>
<b>Project Cost Estimate:</b>	38,288	803,847	803,847	3,520,000	1,080,000	-	4,600,000
<b>Project Funding Estimates:</b>							
<b>Contributions - businesses</b>	42,135	-	-	100,000	-	-	100,000
<b>Other State Grants</b>	-	640,000	640,000	3,420,000	-	-	3,420,000
<b>Net Project Cost Estimates:</b>	(3,847)	163,847	163,847	-	1,080,000	-	1,080,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
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**Public Works (EXISTING)**

311- General Capital  
 Improvement Fund

**Mission Street Hill Utility Undergrounding**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401004</b>	<b>Account # 311-40-64-9360-57390</b>						
<b>Project Cost Estimate:</b>	96,506	258,833	60,000	-	1,000,000	-	1,000,000
<b>Project Funding Estimates:</b>							
<b>Contributions - Other Agencies</b>	-	-	-	-	1,000,000	-	1,000,000
<b>Net Project Cost Estimates:</b>	96,506	258,833	60,000	-	-	-	-

**Neary Flood Control Pump Station-Steel Pipe Replacement**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401503</b>	<b>Account # 311-40-64-9340-57311</b>						
<b>Project Cost Estimate:</b>	-	50,000	50,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	-	22,181	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	50,000	27,819	-	-	-	-

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401506</b>	<b>Account # 311-40-64-9320-57305</b>						
<b>Project Cost Estimate:</b>	24,649	120,351	20,351	-	-	-	-
<b>Net Project Cost Estimates:</b>	24,649	120,351	20,351	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

311- General Capital  
 Improvement Fund

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401609</b>							<b>Account # 311-40-64-9330-57307</b>
<b>Project Cost Estimate:</b>	-	182,436	182,436	-	100,000	100,000	200,000
<b>Project Funding Estimates:</b>							
<b>CDBG Fund</b>	-	182,436	182,436	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	100,000	100,000	200,000

**Pogonip Creek Sedimentation Removal**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401306</b>							<b>Account # 311-40-64-9340-57311</b>
<b>Project Cost Estimate:</b>	7,000	93,000	-	-	193,000	-	193,000
<b>Net Project Cost Estimates:</b>	7,000	93,000	-	-	193,000	-	193,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

311- General Capital  
 Improvement Fund

**Riverside Ave Utility Underground Phase II**

**Project Description:**

The project includes undergrounding the overhead utilities on Riverside Avenue, from Third Street to Beach Street, and constructing streetscape improvements (decorative streetlights, sidewalks and street trees). The design concept was approved by Council in FY 2012. The project has changed to a Rule 20A project which is funded by PG&E from rate payer allocations. The City has borrowed funding from future allocations to fully fund the project. The local funding has been used to design the project in anticipation of partial reimbursement from Rule 20A funds. Final design and determining easements is to be completed in FY2016 and construction in 2017.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401208</b>	<b>Account # 311-40-64-9360-57390</b>						
<b>Project Cost Estimate:</b>	41,647	5,458,353	5,458,353	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>RDA Successor Agency</b>	328,956	49,891	49,891	-	-	-	-
<b>Capital Contributions-Rule 20A</b>	-	1,650,000	1,650,000	-	-	-	-
<b>Property Owner Contributions</b>	-	-	-	1,300,000	-	-	1,300,000
<b>From ED Trust Fund</b>	-	692,914	692,914	-	-	-	-
<b>Net Project Cost Estimates:</b>	(287,309)	3,065,548	3,065,548	(1,300,000)	-	-	(1,300,000)

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401403</b>	<b>Account # 311-40-62-9320-57306</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	250,000	-	250,000
<b>Project Funding Estimates:</b>							
<b>Assessment District Fund</b>	-	-	-	-	250,000	-	250,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-





City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

311- General Capital  
 Improvement Fund

**UCSC-City Transportation Improvements & Studies**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 311-40-64-9390-57304</b>							
<b>Project # c401008</b>							
<b>Project Cost Estimate:</b>	-	250,000	250,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Other local revenues</b>	-	150,000	150,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	100,000	100,000	-	-	-	-

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 311-40-64-9390-57304</b>							
<b>Project # c401009</b>							
<b>Project Cost Estimate:</b>	13,395	86,605	86,605	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Other local revenues</b>	-	50,000	50,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	13,395	36,605	36,605	-	-	-	-

**West Cliff Drive Revetment Repair**

**Project Description:**

This project proposes to place additional engineered rock protection as needed where areas have been damaged by King tides in recent years and to prevent damage to the West Cliff path. FY2016 funding has been used to repair two locations near Woodrow and a sink hole at a retaining wall near Woodrow. 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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 311-40-62-9330-57307</b>							
<b>Project # c401501</b>							
<b>Project Cost Estimate:</b>	-	275,000	275,000	250,000	250,000	500,000	1,000,000
<b>Project Funding Estimates:</b>							
<b>Liability Insurance Fund</b>	-	75,000	75,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	200,000	200,000	250,000	250,000	500,000	1,000,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
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**Existing Capital Projects for General Capital Improvement Fund (311) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	600,579	9,516,152	9,084,819	3,860,000	3,857,500	650,000	8,367,500
<b>Total Project Funding Estimate:</b>	576,689	5,078,379	5,014,301	4,860,000	1,310,000	-	6,170,000
<b>Total Net Project Cost Estimate:</b>	23,890	4,437,773	4,070,518	(1,000,000)	2,547,500	650,000	2,197,500

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (FY 2016 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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401401</b>	<b>Account # 311-40-64-9330-57307</b>						
<b>Project Cost Estimate:</b>	511,841	21,609	21,609	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State capital grants</b>	-	344,652	344,652	-	-	-	-
<b>Net Project Cost Estimates:</b>	511,841	(323,043)	(323,043)	-	-	-	-

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401319</b>	<b>Account # 311-40-64-9330-57307</b>						
<b>Project Cost Estimate:</b>	6,661,594	21,038	21,038	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State grants-RXTPX Funds</b>	602,000	-	-	-	-	-	-
<b>Local capital grants</b>	1,378,000	-	-	-	-	-	-
<b>Federal capital grants</b>	2,390,000	190,000	190,000	-	-	-	-
<b>Real property sales - land</b>	-	440,000	440,000	-	-	-	-
<b>Traffic Impact - Citywide</b>	1,000,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	1,291,594	(608,962)	(608,962)	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (FY 2016 COMPLETED PROJECTS)**

311- General Capital Improvement Fund

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401417</b>	<b>Account # 311-40-64-9320-57306</b>						
<b>Project Cost Estimate:</b>	204,041	209,959	209,959	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Traffic Impact - Citywide</b>	131,454	18,546	18,546	-	-	-	-
<b>Local grant - MBUAPCD</b>	8,587	191,413	191,413	-	-	-	-
<b>From General Fund</b>	64,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401310</b>	<b>Account # 311-40-62-9320-57306</b>						
<b>Project Cost Estimate:</b>	-	63,000	63,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State capital grants</b>	-	63,000	63,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Sinkhole Repair - W Cliff & Woodrow**

**Project Description:**

Sinkhole repair at the corner of West Cliff and Woodrow.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401420</b>	<b>Account # 311-40-62-9341-54314</b>						
<b>Project Cost Estimate:</b>	229,444	-	-	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>From General Fund</b>	229,444	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for General Capital Improvement Fund (311) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	7,606,920	315,606	315,606	-	-	-	-
<b>Total Project Funding Estimate:</b>	5,803,485	1,247,611	1,247,611	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	1,803,435	(932,005)	(932,005)	-	-	-	-

**Public Works Totals for General Capital Improvement Fund (311)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	8,207,499	9,831,758	9,400,425	3,995,000	4,207,500	700,000	8,902,500
<b>Total Project Funding Estimate:</b>	6,380,174	6,325,990	6,261,912	4,920,000	1,310,000	-	6,230,000
<b>Total Net Project Cost Estimate:</b>	1,827,325	3,505,768	3,138,513	(925,000)	2,897,500	700,000	2,672,500

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

317- Arterial Streets  
and Roads Fund

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

**Project Description:**

Project includes pavement reconstruction, overlay, cape and slurry seal, and asphalt grinding of city arterial and collector streets for maintenance and reconditioning. Projects are selected based on the City's pavement management computerized system and in coordination with other utilities and transportation projects. Gas tax available for paving is estimated at \$500,000 per year, and on average Measure H is \$1.4 million and grants average approximately \$500,000 per year. The grants are estimated federal transportation funds that are applied for when available. Approximately \$4.0 million is needed annually to maintain City streets satisfactorily, 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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400809</b>							<b>Account # 317-40-64-9311-57304</b>
<b>Project Cost Estimate:</b>	6,313,897	13,981,727	13,981,727	1,500,000	1,500,000	1,500,000	4,500,000
<b>Project Funding Estimates:</b>							
<b>Wastewater Fund</b>	95,710	-	-	-	-	-	-
<b>Gas Tax Fund</b>	2,393,220	793,404	793,404	500,000	500,000	500,000	1,500,000
<b>Other local revenues</b>	23,814	-	-	-	-	-	-
<b>State capital grants</b>	925,701	1,000,000	1,000,000	500,000	500,000	500,000	1,500,000
<b>Traffic Congestion Relief Fund</b>	402,257	-	-	-	-	-	-
<b>Fed grants - ARRA</b>	753,076	-	-	-	-	-	-
<b>From General Fund</b>	1,100,000	-	-	-	-	-	-
<b>Loan proceeds</b>	-	10,500,000	10,500,000	-	-	-	-
<b>State grants-RXTPX Funds</b>	442,548	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	177,571	1,688,323	1,688,323	500,000	500,000	500,000	1,500,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400810</b>							<b>Account # 317-40-64-9311-57304</b>
<b>Project Cost Estimate:</b>	6,886,956	4,837,584	4,837,584	235,000	335,000	435,000	1,005,000
<b>Project Funding Estimates:</b>							
<b>City Public Trust Fund</b>	414,451	-	-	-	-	-	-
<b>Traffic Congestion Relief Fund</b>	587,025	-	-	-	-	-	-
<b>Water Fund</b>	17,978	-	-	-	-	-	-
<b>From General Fund</b>	500,000	-	-	-	-	-	-
<b>Loan proceeds</b>	-	4,800,000	4,800,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	5,367,502	37,584	37,584	235,000	335,000	435,000	1,005,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	13,200,853	18,819,311	18,819,311	1,735,000	1,835,000	1,935,000	5,505,000
<b>Total Project Funding Estimate:</b>	7,655,780	17,093,404	17,093,404	1,000,000	1,000,000	1,000,000	3,000,000
<b>Total Net Project Cost Estimate:</b>	5,545,073	1,725,907	1,725,907	735,000	835,000	935,000	2,505,000

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	13,200,853	18,819,311	18,819,311	1,735,000	1,835,000	1,935,000	5,505,000
<b>Total Project Funding Estimate:</b>	7,655,780	17,093,404	17,093,404	1,000,000	1,000,000	1,000,000	3,000,000
<b>Total Net Project Cost Estimate:</b>	5,545,073	1,725,907	1,725,907	735,000	835,000	935,000	2,505,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

Public Works (NEW)

721- Wastewater  
 Enterprise Fund

**Wastewater Treatment Facility Infrastructure and Major Equipment Study**

**Project Description:**

Evaluate the Wastewater Treatment facility and prepare a prioritized 10-year infrastructure and equipment replacement/rehabilitation plan. While there is a consistent and rigorous effort to maintain infrastructure and equipment, the age of the facility warrants a closer look at the longer term needs and priorities. County pays 8/17 of cost based on wastewater treatment capacity dedicated to County.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401706</b>							<b>Account # 721-40-62-7252-57301</b>
<b>Project Cost Estimate:</b>	-	-	-	80,000	-	-	80,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	-	-	37,647	-	-	37,647
<b>Net Project Cost Estimates:</b>	-	-	-	42,353	-	-	42,353

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**New Capital Projects for Wastewater Enterprise Fund (721) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	80,000	-	-	80,000
<b>Total Project Funding Estimate:</b>	-	-	-	37,647	-	-	37,647
<b>Total Net Project Cost Estimate:</b>	-	-	-	42,353	-	-	42,353

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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 2016-17.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
Project # c401406	Account # 721-40-62-7259-57301						
Project Cost Estimate:	27,701	972,299	972,299	-	-	-	-
Net Project Cost Estimates:	27,701	972,299	972,299	-	-	-	-

**Fairmount/Harrison Sewer Main Upgrade**

**Project Description:**

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

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
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.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
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 2017 - 2019

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 721-40-62-7259-57312</b>							
<b>Project # c409669</b>							
<b>Project Cost Estimate:</b>	111,360	133,881	133,881	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	56,694	58,713	58,713	-	-	-	-
<b>Net Project Cost Estimates:</b>	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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 721-40-62-7259-57301</b>							
<b>Project # c401305</b>							
<b>Project Cost Estimate:</b>	-	400,000	400,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	400,000	400,000	-	-	-	-

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

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 721-40-62-7259-57312</b>							
<b>Project # m409668</b>							
<b>Project Cost Estimate:</b>	1,372,355	731,305	731,305	250,000	250,000	250,000	750,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	571,784	343,705	343,705	117,647	117,647	117,647	352,941
<b>Net Project Cost Estimates:</b>	800,571	387,600	387,600	132,353	132,353	132,353	397,059

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # m401601</b>							<b>Account # 721-40-62-7259-57301</b>
<b>Project Cost Estimate:</b>	-	200,000	200,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	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 2017.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401315</b>							<b>Account # 721-40-62-7259-57301</b>
<b>Project Cost Estimate:</b>	717,978	307,022	307,022	-	-	-	-
<b>Net Project Cost Estimates:</b>	717,978	307,022	307,022	-	-	-	-

**Sewer System Improvements**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401511</b>							<b>Account # 721-40-62-7251-57304</b>
<b>Project Cost Estimate:</b>	285,495	914,505	914,505	600,000	600,000	600,000	1,800,000
<b>Net Project Cost Estimates:</b>	285,495	914,505	914,505	600,000	600,000	600,000	1,800,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

721- Wastewater  
Enterprise Fund

**WWTF-Equipment Replacement**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # m409659</b>	<b>Account # 721-40-62-7252-57301</b>						
<b>Project Cost Estimate:</b>	5,251,788	744,114	744,114	1,700,000	350,000	400,000	2,450,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	2,346,829	225,882	225,882	800,000	164,706	188,235	1,152,941
<b>Net Project Cost Estimates:</b>	2,904,959	518,232	518,232	900,000	185,294	211,765	1,297,059

**WWTF-Laboratory Modernization**

**Project Description:**

The project includes redesigning the existing laboratory consistent with its mission by improving microbiological, chemical and toxicological methods in support of permitting and environmental requirements for NPDES, plant processes and community dischargers. The design is anticipated in FY16 and construction in FY19 County pays 8/17 of the cost based on the wastewater treatment facility capacity dedicated to County.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401608</b>	<b>Account # 721-40-62-7259-57301</b>						
<b>Project Cost Estimate:</b>	-	250,000	250,000	-	-	1,500,000	1,500,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	117,647	117,647	-	-	705,882	705,882
<b>Net Project Cost Estimates:</b>	-	132,353	132,353	-	-	794,118	794,118

**WWTF-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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401604</b>	<b>Account # 721-40-62-7259-57301</b>						
<b>Project Cost Estimate:</b>	-	250,000	250,000	-	-	1,000,000	1,000,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	117,647	117,647	-	-	470,588	470,588
<b>Net Project Cost Estimates:</b>	-	132,353	132,353	-	-	529,412	529,412



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

721- Wastewater  
Enterprise Fund

**WWTF-Secondary Clarifier Repairs**

**Project Description:**

The evaluation and structural repairs of the three secondary clarifiers is complete. To prevent metal fatigue, structural steel in clarifier #3 was coated in FY 15, clarifier #1 was coated in FY16 and clarifier #2 will be coated in FY18. County pays 8/17 of the cost based on wastewater treatment facility capacity dedicated to County.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # m401303</b>	<b>Account # 721-40-65-7252-57301</b>						
<b>Project Cost Estimate:</b>	204,467	490,533	490,533	200,000	200,000	-	400,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	96,220	228,448	228,448	94,118	94,118	-	188,236
<b>Net Project Cost Estimates:</b>	108,247	262,085	262,085	105,882	105,882	-	211,764

**WWTF-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 be excavated at approximately 3 manhole locations in the above noted streets.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401606</b>	<b>Account # 721-40-62-7259-57301</b>						
<b>Project Cost Estimate:</b>	-	-	-	1,100,000	-	-	1,100,000
<b>Net Project Cost Estimates:</b>	-	-	-	1,100,000	-	-	1,100,000

**WWTF-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 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401405</b>	<b>Account # 721-40-65-7252-57301</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	1,000,000	-	1,000,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	-	-	-	470,588	-	470,588
<b>Net Project Cost Estimates:</b>	-	-	-	-	529,412	-	529,412

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

721- Wastewater  
Enterprise Fund

**WWTF-Ultraviolet Disinfection Sys Repl**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401504</b>	<b>Account # 721-40-62-7259-57301</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	2,500,000	-	2,500,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	-	-	-	1,176,471	-	1,176,471
<b>Net Project Cost Estimates:</b>	-	-	-	-	1,323,529	-	1,323,529

**WWTF-Upgrade Digester Equipment**

**Project Description:**

Digester equipment including gas compressors, motors, pumps, valves and piping is in operation every day, 24 hours a day. Digersters 4 equipment was 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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401607</b>	<b>Account # 721-40-62-7259-57301</b>						
<b>Project Cost Estimate:</b>	-	100,000	100,000	650,000	-	-	650,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	47,059	47,059	305,882	-	-	305,882
<b>Net Project Cost Estimates:</b>	-	52,941	52,941	344,118	-	-	344,118

**WWTF-Water Piping Rehabilitation**

**Project Description:**

A wastewater treatment facility on site reclaimed water supply piping evaluation has shown the system is suffering from corrosion and water pressure reduction and in need of a system replacement. Sporadic repairs/replacement have been done by City staff over the years, however the system is at the point of requiring a comprehensive overhaul. Design contract services in FY 2017 and construction in FY 2018. County pays 8/17 of cost based on wastewater treatment facility capacity dedicated to County.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401407</b>	<b>Account # 721-40-62-7259-57301</b>						
<b>Project Cost Estimate:</b>	-	100,000	100,000	-	900,000	-	900,000
<b>Project Funding Estimates:</b>							
<b>Local capital grants</b>	-	47,059	47,059	-	423,529	-	423,529
<b>Net Project Cost Estimates:</b>	-	52,941	52,941	-	476,471	-	476,471

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for Wastewater Enterprise Fund (721) Totals**

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	9,704,226	6,855,577	6,855,577	4,500,000	5,800,000	4,250,000	14,550,000	
<b>Total Project Funding Estimate:</b>	3,883,330	1,764,968	1,764,968	1,317,647	2,447,059	1,482,352	5,247,058	
<b>Total Net Project Cost Estimate:</b>	5,820,896	5,090,609	5,090,609	3,182,353	3,352,941	2,767,648	9,302,942	

**Public Works Totals for Wastewater Enterprise Fund (721)**

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	9,704,226	6,855,577	6,855,577	4,580,000	5,800,000	4,250,000	14,630,000	
<b>Total Project Funding Estimate:</b>	3,883,330	1,764,968	1,764,968	1,355,294	2,447,059	1,482,352	5,284,705	
<b>Total Net Project Cost Estimate:</b>	5,820,896	5,090,609	5,090,609	3,224,706	3,352,941	2,767,648	9,345,295	

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

731- Refuse  
Enterprise Fund

**CNG Fueling Station and Fleet Maintenance Shop Safety Improvements**

**Project Description:**

The Resource Recovery collection division is in the process of purchasing new CNG (compressed natural gas) trucks to replace the aging fleet of trucks. The 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.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401613</b>	<b>Account # 731-40-61-7359-57203</b>						
<b>Project Cost Estimate:</b>	-	90,000	90,000	925,000	-	-	925,000
<b>Net Project Cost Estimates:</b>	-	90,000	90,000	925,000	-	-	925,000

**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 as needed.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401312</b>	<b>Account # 731-40-62-7352-57308</b>						
<b>Project Cost Estimate:</b>	84,706	65,294	65,294	-	-	-	-
<b>Net Project Cost Estimates:</b>	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.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401204</b>	<b>Account # 731-40-62-7352-57308</b>						
<b>Project Cost Estimate:</b>	43,896	77,654	77,654	200,000	-	-	200,000
<b>Net Project Cost Estimates:</b>	43,896	77,654	77,654	200,000	-	-	200,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

731- Refuse  
Enterprise Fund

**Landfill Design/Construction**

**Project Description:**

Design completion and permitting in current fiscal year and construction in FY 2016-17 of the third of five planned lined refuse disposal cells to extend the life of the landfill to approximately 2050.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400046</b>							<b>Account # 731-40-62-7352-57308</b>
<b>Project Cost Estimate:</b>	275,362	2,434,638	2,434,638	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	150,000	150,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	275,362	2,284,638	2,284,638	-	-	-	-

**Recycling Center Dust Control**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401205</b>							<b>Account # 731-40-62-7352-57308</b>
<b>Project Cost Estimate:</b>	-	19,567	19,567	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401512</b>							<b>Account # 731-40-61-7359-57203</b>
<b>Project Cost Estimate:</b>	23,821	126,179	126,179	-	-	-	-
<b>Net Project Cost Estimates:</b>	23,821	126,179	126,179	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for Refuse Enterprise Fund (731) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	427,784	2,813,332	2,813,332	1,125,000	-	-	1,125,000
<b>Total Project Funding Estimate:</b>	-	150,000	150,000	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	427,784	2,663,332	2,663,332	1,125,000	-	-	1,125,000

**Public Works Totals for Refuse Enterprise Fund (731)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	427,784	2,813,332	2,813,332	1,125,000	-	-	1,125,000
<b>Total Project Funding Estimate:</b>	-	150,000	150,000	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	427,784	2,663,332	2,663,332	1,125,000	-	-	1,125,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (NEW)**

741- Parking  
Enterprise Fund

**Parking Equipment Replacement- Locust Garage**

**Project Description:**

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

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401705</b>	<b>Account # 741-40-64-7452-57309</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	-	750,000	750,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	750,000	750,000

**Parking Equipment Replacement- River Front Garage**

**Project Description:**

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

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401703</b>	<b>Account # 741-40-64-7452-57309</b>						
<b>Project Cost Estimate:</b>	-	-	-	750,000	-	-	750,000
<b>Net Project Cost Estimates:</b>	-	-	-	750,000	-	-	750,000

**Parking Equipment Replacement- Soquel/Front Garage**

**Project Description:**

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

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401704</b>	<b>Account # 741-40-64-7452-57309</b>						
<b>Project Cost Estimate:</b>	-	-	-	-	750,000	-	750,000
<b>Net Project Cost Estimates:</b>	-	-	-	-	750,000	-	750,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**New Capital Projects for Parking Enterprise Fund (741) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	750,000	750,000	750,000	2,250,000
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	-	-	-	750,000	750,000	750,000	2,250,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

741- Parking  
Enterprise Fund

**Downtown Parking Structure**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400053</b>							<b>Account # 741-40-64-7452-57309</b>
<b>Project Cost Estimate:</b>	33,634	1,500,000	1,500,000	-	21,500,000	-	21,500,000
<b>Project Funding Estimates:</b>							
<b>Other long-term debt issued</b>	-	1,500,000	1,500,000	-	21,500,000	-	21,500,000
<b>Net Project Cost Estimates:</b>	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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c400007</b>							<b>Account # 741-40-64-7452-57309</b>
<b>Project Cost Estimate:</b>	26,038	603,962	603,962	-	-	-	-
<b>Net Project Cost Estimates:</b>	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 repairing and sealing the pretension double tee connectors, concrete spalling and eliminating water intrusions at expansion joints. This project will increase the longevity of both garages. The Cedar-Church Garage would be scheduled for FY17, and the River-Front Garage for FY18.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401508</b>							<b>Account # 741-40-64-7452-57309</b>
<b>Project Cost Estimate:</b>	-	850,000	850,000	1,500,000	-	-	1,500,000
<b>Net Project Cost Estimates:</b>	-	850,000	850,000	1,500,000	-	-	1,500,000



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for Parking Enterprise Fund (741) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	405,767	3,203,962	3,203,962	1,500,000	21,500,000	-	23,000,000
<b>Total Project Funding Estimate:</b>	379,651	1,500,000	1,500,000	-	21,500,000	-	21,500,000
<b>Total Net Project Cost Estimate:</b>	26,116	1,703,962	1,703,962	1,500,000	-	-	1,500,000

**Public Works Totals for Parking Enterprise Fund (741)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	405,767	3,203,962	3,203,962	2,250,000	22,250,000	750,000	25,250,000
<b>Total Project Funding Estimate:</b>	379,651	1,500,000	1,500,000	-	21,500,000	-	21,500,000
<b>Total Net Project Cost Estimate:</b>	26,116	1,703,962	1,703,962	2,250,000	750,000	750,000	3,750,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (NEW)**

752- Storm Water  
 Overlay Enterprise

**Downtown SLR Drainage System Assessment**

**Project Description:**

Assess drainage system tributary to Pump Station No. 1, which is located at the southeast end of the Laurel Street Bridge. Assessment will include a detailed analysis of Pump Station No. 1's capacity to handle large storm events. A preliminary design of any required improvements will be included in the assessment.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401707</b>							<b>Account # 752-40-61-7552-57311</b>
<b>Project Cost Estimate:</b>	-	-	-	80,000	-	-	80,000
<b>Net Project Cost Estimates:</b>	-	-	-	80,000	-	-	80,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	80,000	-	-	80,000
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	-	-	-	80,000	-	-	80,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

752- Storm Water  
 Overlay Enterprise

**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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401314</b>							<b>Account # 752-40-61-7552-57311</b>
<b>Project Cost Estimate:</b>	5,979	144,021	144,021	-	-	-	-
<b>Net Project Cost Estimates:</b>	5,979	144,021	144,021	-	-	-	-

**San Lorenzo River Pump Station #2**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401207</b>							<b>Account # 752-40-61-7552-57311</b>
<b>Project Cost Estimate:</b>	158,259	135,741	135,741	-	-	-	-
<b>Net Project Cost Estimates:</b>	158,259	135,741	135,741	-	-	-	-

**SLR Flood Control Environ Rest Project**

**Project Description:**

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

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c409512</b>							<b>Account # 752-40-61-7552-57311</b>
<b>Project Cost Estimate:</b>	2,842,014	219,836	219,836	-	-	-	-
<b>Net Project Cost Estimates:</b>	2,705,307	219,836	219,836	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Public Works (EXISTING)**

752- Storm Water  
 Overlay Enterprise

**SLR 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.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c401416</b>							
<b>Project Cost Estimate:</b>	114,278	415,722	415,722	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State capital grants</b>	110,019	389,981	389,981	-	-	-	-
<b>Net Project Cost Estimates:</b>	4,259	25,741	25,741	-	-	-	-

Account # 752-40-61-7552-57311

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	3,120,530	915,320	915,320	-	-	-	-	
<b>Total Project Funding Estimate:</b>	246,726	389,981	389,981	-	-	-	-	
<b>Total Net Project Cost Estimate:</b>	2,873,804	525,339	525,339	-	-	-	-	

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

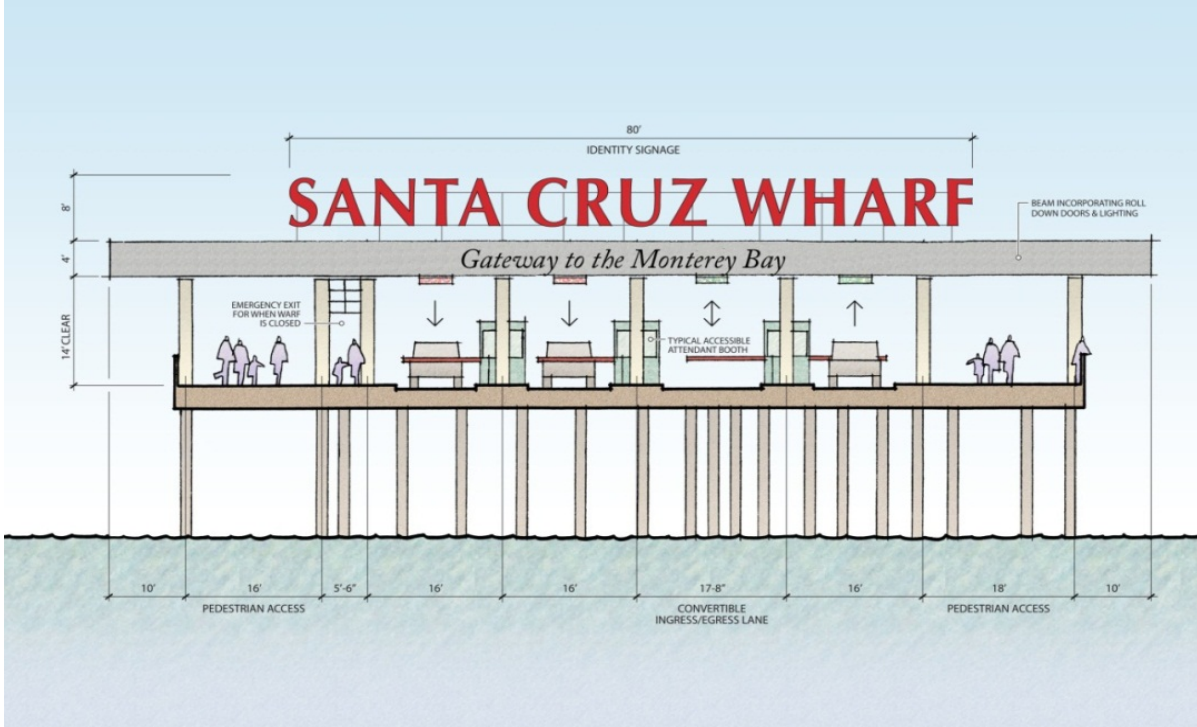
	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	3,120,530	915,320	915,320	80,000	-	-	80,000	
<b>Total Project Funding Estimate:</b>	246,726	389,981	389,981	-	-	-	-	
<b>Total Net Project Cost Estimate:</b>	2,873,804	525,339	525,339	80,000	-	-	80,000	

**Public Works Totals**

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	44,943,956	67,488,475	67,476,742	17,894,000	38,417,500	22,635,000	78,946,500	
<b>Total Project Funding Estimate:</b>	26,452,010	47,628,871	47,970,028	10,744,294	30,417,059	16,482,352	57,643,705	
<b>Total Net Project Cost Estimate:</b>	18,491,946	19,859,604	19,506,714	7,149,706	8,000,441	6,152,648	21,302,795	



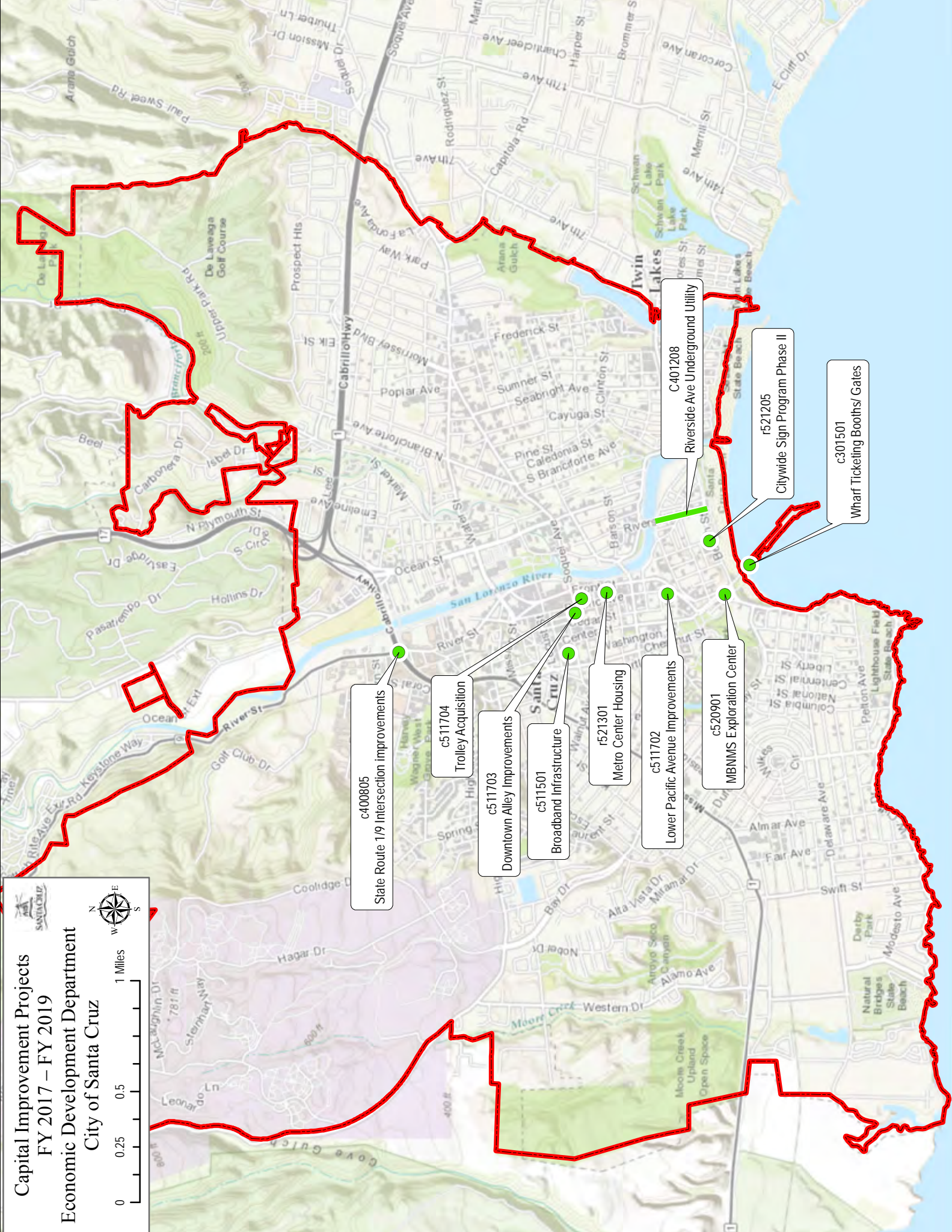
# Economic Development Department Capital Improvement Projects



**Capital Improvement Projects**  
**FY 2017 – FY 2019**  
**Economic Development Department**  
**City of Santa Cruz**



0 0.25 0.5 1 Miles



c400805  
 State Route 1/9 Intersection Improvements

c511704  
 Trolley Acquisition

c511703  
 Downtown Alley Improvements

c511501  
 Broadband Infrastructure

r521301  
 Metro Center Housing

c511702  
 Lower Pacific Avenue Improvements

c520901  
 MBNIMS Exploration Center

C401208  
 Riverside Ave Underground Utility

r521205  
 Citywide Sign Program Phase II

c301501  
 Wharf Ticketing Booths/ Gates









City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Economic Development (EXISTING)**

311- General Capital  
 Improvement Fund

**Wharf Ticketing Booths/ Gates**

**Project Description:**

Wharf rehabilitation projects as identified in the Wharf Master Plan to relocate gateway entrance and parking control stations

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c301501</b>							
							<b>Account # 311-51-80-9990-57390</b>
<b>Project Cost Estimate:</b>	-	1,000,000	1,000,000	600,000	-	-	600,000
<b>Project Funding Estimates:</b>							
<b>RDA Successor Agency</b>	1,000,000	-	-	600,000	-	-	600,000
<b>Net Project Cost Estimates:</b>	(1,000,000)	1,000,000	1,000,000	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	8,566,850	4,173,150	4,173,150	1,300,000	-	-	1,300,000
<b>Total Project Funding Estimate:</b>	11,066,850	1,673,150	1,673,150	1,300,000	-	-	1,300,000
<b>Total Net Project Cost Estimate:</b>	(2,500,000)	2,500,000	2,500,000	-	-	-	-



# Economic Development Department Capital Improvement Projects FY 2016 Completed Projects



**"Dig Once" Builds with Public Works**



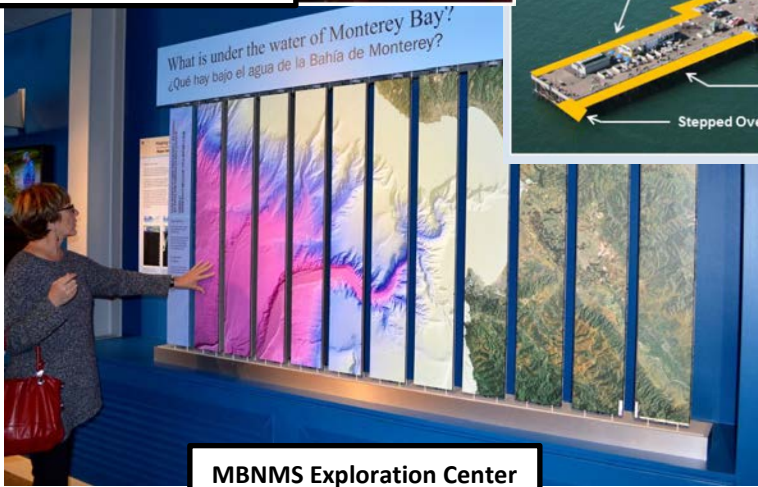
**MBNMS Exploration Center**



**MBNMS Exploration Center**



**Wharf Master Plan**



**MBNMS Exploration Center**

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Economic Development (FY 2016 COMPLETED PROJECTS)**

311- General Capital  
 Improvement Fund

**State Parks MBNMSEC Exhibitory**

**Project Description:**

State Parks grant for Exhibitory for the MBNMSEC Exhibitory. Reso. NS 23-386 passed 6/14/11.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c521201</b>							
							<b>Account # 311-51-80-9990-57201</b>
<b>Project Cost Estimate:</b>	499,910	90	90	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>State capital grants - State</b>	500,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	(90)	90	90	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for General Capital Improvement Fund (311) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	499,910	90	90	-	-	-	-
<b>Total Project Funding Estimate:</b>	500,000	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	(90)	90	90	-	-	-	-

**Economic Development Totals for General Capital Improvement Fund (311)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	9,066,760	4,173,240	4,173,240	5,410,000	-	-	5,410,000
<b>Total Project Funding Estimate:</b>	11,566,850	1,673,150	1,673,150	5,410,000	-	-	5,410,000
<b>Total Net Project Cost Estimate:</b>	(2,500,090)	2,500,090	2,500,090	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Economic Development (EXISTING)**

942- RDA/SA Low and Moderate Housing

**Metro Center Project & Housing**

**Project Description:**

Development of affordable housing units for low and moderate income housing as a component of the Metro Transit Center project.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # r521301</b>							
							<b>Account # 942-52-80-5650-56960</b>
<b>Project Cost Estimate:</b>	-	6,000,000	6,000,000	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Tax allocation bonds issued</b>	6,000,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	(6,000,000)	6,000,000	6,000,000	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for RDA/SA Low and Moderate Housing Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	6,000,000	6,000,000	-	-	-	-
<b>Total Project Funding Estimate:</b>	6,000,000	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	(6,000,000)	6,000,000	6,000,000	-	-	-	-

**Economic Development Totals for RDA/SA Low and Moderate Housing**

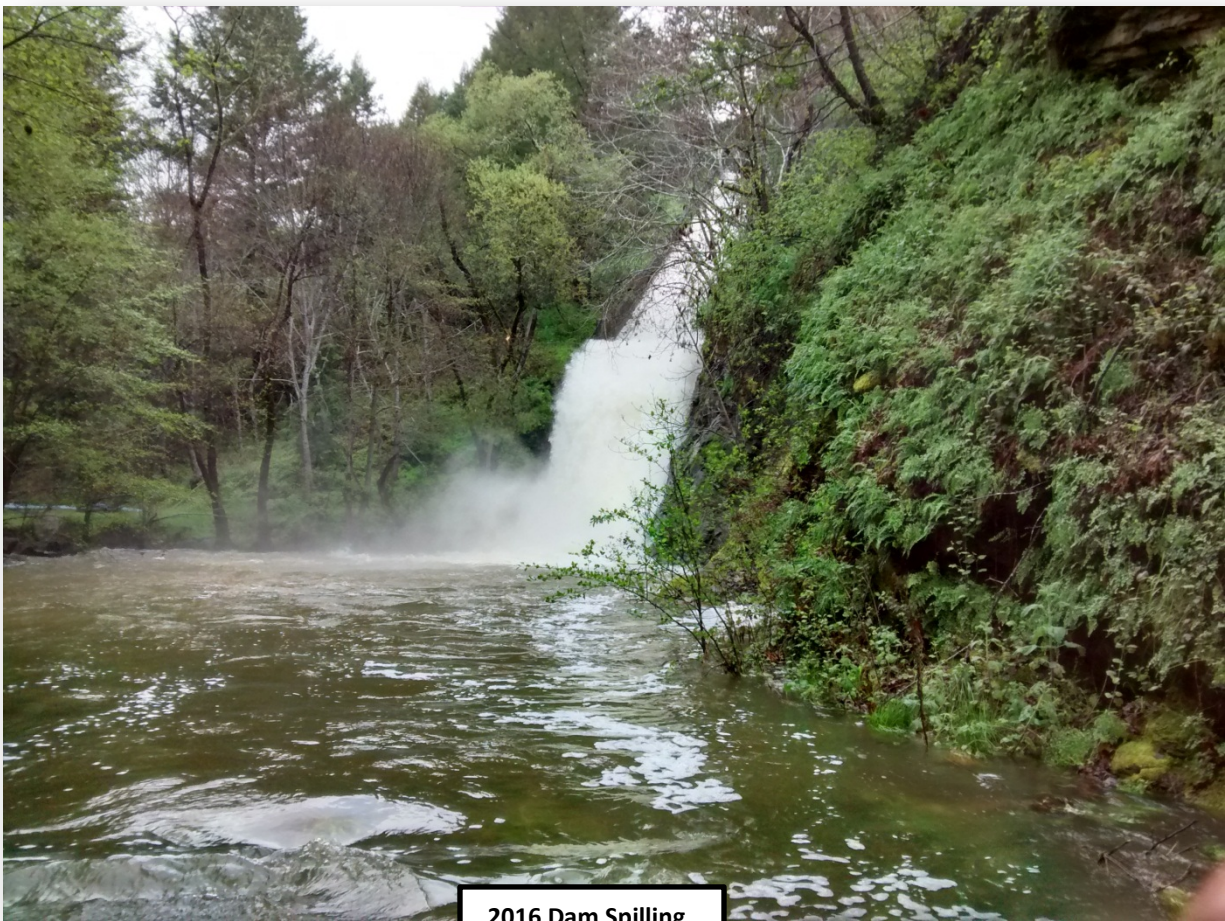
	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	6,000,000	6,000,000	-	-	-	-
<b>Total Project Funding Estimate:</b>	6,000,000	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	(6,000,000)	6,000,000	6,000,000	-	-	-	-

**Economic Development Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	9,066,760	10,173,240	10,173,240	5,410,000	-	-	5,410,000
<b>Total Project Funding Estimate:</b>	17,566,850	1,673,150	1,673,150	5,410,000	-	-	5,410,000
<b>Total Net Project Cost Estimate:</b>	(8,500,090)	8,500,090	8,500,090	-	-	-	-

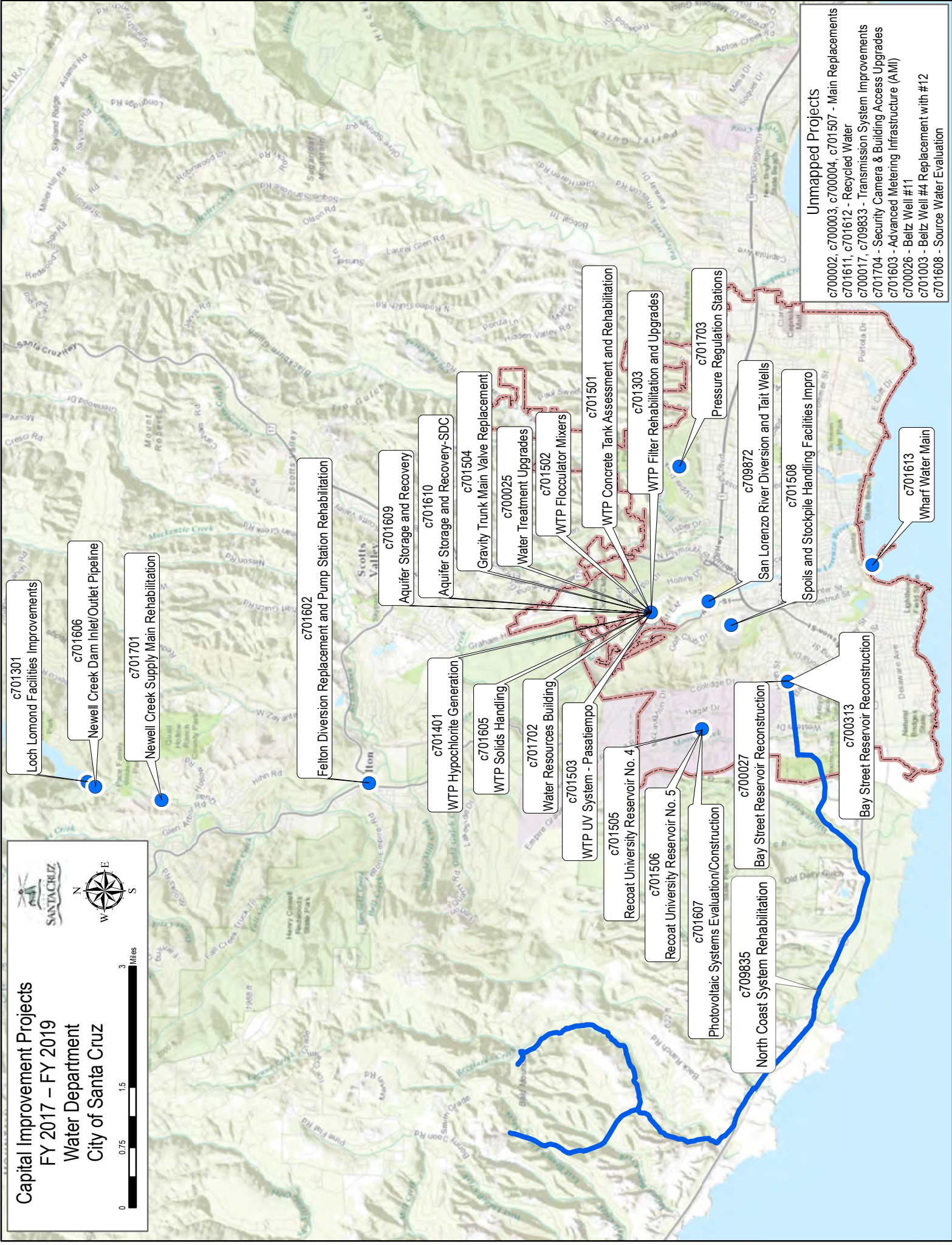
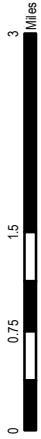
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# Water Department Capital Improvement Projects



2016 Dam Spilling

**Capital Improvement Projects  
FY 2017 – FY 2019  
Water Department  
City of Santa Cruz**



c701301  
Loch Lomond Facilities Improvements

c701606  
Newell Creek Dam Inlet/Outlet Pipeline

c701701  
Newell Creek Supply Main Rehabilitation

c701602  
Felton Diversion Replacement and Pump Station Rehabilitation

c701401  
WTP Hypochlorite Generation

c701605  
WTP Solids Handling

c701702  
Water Resources Building

c701609  
Aquifer Storage and Recovery

c701610  
Aquifer Storage and Recovery-SDC

c701504  
Gravity Trunk Main Valve Replacement

c700025  
Water Treatment Upgrades

c701502  
WTP Flocculator Mixers

c701503  
WTP UV System - Pasatiempo

c701505  
Recoat University Reservoir No. 4

c701506  
Recoat University Reservoir No. 5

c701607  
Photovoltaic Systems Evaluation/Construction

c709835  
North Coast System Rehabilitation

c700027  
Bay Street Reservoir Reconstruction

c700313  
Bay Street Reservoir Reconstruction

c701501  
WTP Concrete Tank Assessment and Rehabilitation

c701303  
WTP Filter Rehabilitation and Upgrades

c701703  
Pressure Regulation Stations

c709872  
San Lorenzo River Diversion and Tait Wells

c701508  
Spoils and Stockpile Handling Facilities Impro

c701613  
Wharf Water Main

**Unmapped Projects**

c700002, c700003, c700004, c701507 - Main Replacements

c701611, c701612 - Recycled Water

c700017, c709833 - Transmission System Improvements

c701704 - Security Camera & Building Access Upgrades

c701603 - Advanced Metering Infrastructure (AMI)

c700026 - Beltz Well #11

c701003 - Beltz Well #4 Replacement with #12

c701608 - Source Water Evaluation



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (NEW)**

711- Water & Water System Development

**Pressure Regulating Stations**

**Project Description:**

Evaluation and replacement of pressure regulating stations (PRS). A PRS maintains (sustains or reduces) downstream pressure in order to deliver sufficient water pressure. The water distribution system contains 15 PRS and they vary in age from 66 years old to 8 years old. This project will evaluate the condition of each PRS and prioritize rehabilitation or replacement.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701703</b>							<b>Account # 711-70-92-7151-57302</b>
<b>Project Cost Estimate:</b>	-	-	-	10,000	60,000	60,000	130,000
<b>Net Project Cost Estimates:</b>	-	-	-	10,000	60,000	60,000	130,000

**Security Camera & Building Access Upgrades**

**Project Description:**

Evaluation and implementation of security camera and building access upgrades at various Water facilities. Current security equipment is proprietary and could be improved. A transition to a new system will require camera replacement and additional video storage equipment.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701704</b>							<b>Account # 711-70-92-7151-57302</b>
<b>Project Cost Estimate:</b>	-	-	-	95,000	-	-	95,000
<b>Net Project Cost Estimates:</b>	-	-	-	95,000	-	-	95,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**New Capital Projects for Water & Water System Development Enterprise Fund (711 & 715) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	105,000	60,000	60,000	225,000
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	-	-	-	105,000	60,000	60,000	225,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Advanced Metering infrastructure (AMI)**

**Project Description:**

Evaluate the use of AMI as replacement to the current AMR metering (Automatic Meter Reading). AMR provides 1-way communication between a meter and the City and AMI provides two-way communication between a meter and the City as well as between a meter and the customer. Benefits include early leak detection, customer conservation affect, and workflow management. Implementation to occur in future years.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701603</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	-	50,000	50,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	50,000	50,000	-	-	-	-

**Aquifer Storage and Recovery**

**Project Description:**

Evaluate the feasibility of Aquifer Storage and Recovery as per the recommendations of the Water Supply Advisory Committee. Funds in FY 2016 and 2017 will be used for Phase 1 of the proposed study. Phase 2 will include pilot work and be funded in FY 2018. Project would potentially provide additional potable water to City and other agency customers, addressing part or all of water supply deficiencies.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701609</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	-	374,500	374,500	-	752,500	227,500	980,000
<b>Net Project Cost Estimates:</b>	-	374,500	374,500	-	752,500	227,500	980,000

<b>Project # c701610</b>	<b>Account # 715-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	-	160,500	160,500	-	322,500	97,500	420,000
<b>Net Project Cost Estimates:</b>	-	160,500	160,500	-	322,500	97,500	420,000

**Bay Street Reservoir Reconstruction**

**Project Description:**

The Bay Street Reservoir reached the end of its useful life and was replaced with two 6 MG tanks. This is the largest potable water storage facility for the City and serves average and peak demands as well as fire flows. Construction of Tank 1 was completed in FY 2014; construction of Tank 2 was completed in FY 2016. Final project elements include site clean-up, security, and landscaping. A portion of the project is funded by System Development Charges (20% SDC-Fund 715).

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c700313</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	19,183,702	1,696,974	1,696,974	-	-	-	-
<b>Net Project Cost Estimates:</b>	19,183,702	1,696,974	1,696,974	-	-	-	-

<b>Project # c700027</b>	<b>Account # 715-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	4,870,189	423,308	423,308	-	-	-	-
<b>Net Project Cost Estimates:</b>	4,870,189	423,308	423,308	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Beltz Well #11**

**Project Description:**

This project would convert an existing monitoring well to a production well, renamed Beltz 11. Beltz 11 would pump from the Santa Margarita aquifer. The project would reduce pumping from the Purisima Formation which is impacted by pumping by the City and other users. Project includes feasibility study, pump test, CEQA and construction efforts.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c700026</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	64,243	-	-	70,000	300,000	-	370,000
<b>Net Project Cost Estimates:</b>	64,243	-	-	70,000	300,000	-	370,000

**Beltz Well #4 Replacement with #12**

**Project Description:**

This project replaced Beltz Well #4 with a new inland well to redistribute pumping away from the coast. Land was acquired in 2012, drilling of the well took place in FY 2013, engineering and construction of the wellhead in FY 2014. Installation of the treatment system began in FY 2014 and was completed in FY 2015.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701003</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	4,688,177	435,384	435,384	-	-	-	-
<b>Net Project Cost Estimates:</b>	4,688,177	435,384	435,384	-	-	-	-

**Felton Diversion Replacement and Pump Station Rehabilitation**

**Project Description:**

This project consists of evaluation of the existing dam and pump station with recommendations to rehabilitate or replace existing facilities. Alternate diversions to be considered will include horizontal collector wells and other subsurface intake(s). This project will replace aging facilities and evaluate potentially more efficient ways to divert water from the San Lorenzo River at Felton. Additional funding for construction in FY2019.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701602</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	-	300,000	300,000	-	1,500,000	1,500,000	3,000,000
<b>Net Project Cost Estimates:</b>	-	300,000	300,000	-	1,500,000	1,500,000	3,000,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Gravity Trunk Main Valve Replacement**

**Project Description:**

The gravity trunk main is the primary water main delivering water from the Graham Hill Water Treatment Plant to the community and was installed in the 1960s. Phase 1 of this project was completed in FY16 and replaced failed isolation valves on and surrounding the 36 inch trunk transmission main and made improvements needed to inspect the condition of the pipeline. Phase 2 of this project includes inspection of the transmission main. The inspection may result in future projects to ensure pipeline integrity and reliable service.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701504</b>	<b>Account # 711-70-91-7151-57302</b>						
<b>Project Cost Estimate:</b>	-	350,000	350,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	350,000	350,000	-	-	-	-

**Loch Lomond Facilities Improvements**

**Project Description:**

Complete facilities assessment and improvement program at Loch Lomond. A Use study was completed in FY 2013 which resulted in a number of planned projects to enhance the recreation area usability for its visitors. Several ADA and other recreational improvements are being pursued over the next 5 years.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701301</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	4,676	280,324	280,324	-	-	165,000	165,000
<b>Net Project Cost Estimates:</b>	4,676	280,324	280,324	-	-	165,000	165,000

**Newell Creek Dam Inlet/Outlet Pipeline**

**Project Description:**

The Newell Creek Dam was installed in the 1960's. A pipeline runs through the base of the dam to deliver water to the reservoir from Felton Diversion and from the reservoir to the Graham Hill Water Treatment Plant. The pipeline rehabilitation includes inspection of the pipeline and its appurtenances which will result in rehabilitation or replacement of all or parts of the facility.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701606</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	-	563,700	563,700	2,000,000	2,000,000	14,000,000	18,000,000
<b>Net Project Cost Estimates:</b>	-	563,700	563,700	2,000,000	2,000,000	14,000,000	18,000,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Newell Creek Pipeline Rehabilitation**

**Project Description:**

Conduct a condition assessment and program level environmental review followed by full or partial replacement of the pipeline between the base of Loch Lomond Reservoir and the Graham Hill Water Treatment Plant. This pipeline was constructed in the 1960s. This project is intended to ensure continued reliability of this water supply transmission main. (Project title modified from Newell Creek Supply Main Rehabilitation.)

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701701</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	-	-	1,000,000	1,000,000	8,000,000	10,000,000
<b>Net Project Cost Estimates:</b>	-	-	-	1,000,000	1,000,000	8,000,000	10,000,000

**North Coast System Rehabilitation**

**Project Description:**

Springs and streams along the coast north of the City limits supply approximately 25% of the City's raw water. Some of the facilities related to these water supplies are reaching the end of their useful life. This program consists of multiple projects over the next 15 to 20 years to evaluate, rehabilitate, and replace portions of the existing infrastructure to ensure continued reliability. Engineering, environmental review, and permitting for the coast segment (Phase 3) began in FY 2013 and continues through FY 2017. Construction scheduled to begin in FY 2016.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c709835</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	5,028,559	5,316,199	5,316,199	4,150,000	-	-	4,150,000
<b>Net Project Cost Estimates:</b>	5,028,559	5,316,199	5,316,199	4,150,000	-	-	4,150,000

**Photovoltaic Systems Evaluations/Construction**

**Project Description:**

Ongoing project to evaluate, design and construct PV systems on various water department facilities. The current project is at the Bay Street Tank Site. Once installed, each project will add to the departments and City's green energy portfolio and work towards meeting and exceeding our climate action goals.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701607</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	40,000	40,000	500,000	-	-	500,000
<b>Net Project Cost Estimates:</b>	-	40,000	40,000	500,000	-	-	500,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Recoat University Reservoir No. 4**

**Project Description:**

Perform engineering analysis and condition assessment of the aging University 4 tank to ensure continued reliable service. Establish scope of work for recoating/rehabilitation project. Acquire construction easements from UCSC and perform environmental analysis to install temporary tank for use during construction. Create plans and specifications for recoating/rehabilitation project.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701505</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	195,000	195,000	75,000	1,300,000	-	1,375,000
<b>Net Project Cost Estimates:</b>	-	195,000	195,000	75,000	1,300,000	-	1,375,000

**Recoat University Reservoir No. 5**

**Project Description:**

Perform engineering analysis and condition assessment of the aging University 5 tank to ensure continued reliable service. Establish scope of work for recoating/rehabilitation project. Create plans and specifications for recoating/rehabilitation project. Install temporary tank and variable speed pumps for use during construction. Construct recoating/rehabilitation project.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701506</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	32,498	152,502	152,502	1,750,000	-	-	1,750,000
<b>Net Project Cost Estimates:</b>	32,498	152,502	152,502	1,750,000	-	-	1,750,000

**Recycled Water**

**Project Description:**

Evaluate the feasibility of using advanced treated wastewater for beneficial uses as per the recommendations of the Water Supply Advisory Committee. The project will be collaboration amongst the Water and Public Works Departments. The project would potentially provide additional water to City and other agency customers, addressing all or part of water supply deficiencies.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701611</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	350,000	350,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	350,000	350,000	-	-	-	-

<b>Project # c701612</b>							<b>Account # 715-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	150,000	150,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	150,000	150,000	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**San Lorenzo River Diversion and Tait Wells**

**Project Description:**

Conduct a condition assessment of the existing diversion and wells including consideration of sanding issues, potential dam replacement, potential use of infiltration gallery, and relocation of existing wells. Project will ensure reliable and efficient diversion of water from the San Lorenzo River at Tait St. Condition assessment followed by recommended intake modifications and/or new wells. Current project consists of replacing 2 wells, rehabilitating 1 existing well, and abandoning 1 well. (Project title modified from San Lorenzo Tait Intake.)

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c709872</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	173,338	1,351,676	1,351,676	-	-	-	-
<b>Net Project Cost Estimates:</b>	173,338	1,351,676	1,351,676	-	-	-	-

**Source Water Evaluation**

**Project Description:**

Evaluate source water quality, operational and infrastructure alternatives to maximize use of surface water. This project was prompted in part by the recommendations of the Water Supply Advisory Committee, accepted by Council in Nov 2015, to evaluate use of additional winter flows in the San Lorenzo River for various purposes to solve the regional water supply issues.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701608</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	-	200,000	400,000	500,000	3,000,000	3,900,000
<b>Net Project Cost Estimates:</b>	-	-	200,000	400,000	500,000	3,000,000	3,900,000

**Spoils and Stockpile Handling Facilities Impro**

**Project Description:**

Suitable storage for materials (sand, base rock, cold mix and spoils) is needed at the City's Corporation yard. Improvements will allow for better handling of wet spoils generated by the vector truck, as well as prevent sediment laden runoff from entering the storm water drainage system. (Project title modified from Bunker Roof Project.)

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701508</b>							<b>Account # 711-70-97-7151-57302</b>
<b>Project Cost Estimate:</b>	-	350,000	350,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	350,000	350,000	-	-	-	-





City of Santa Cruz  
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**Water (EXISTING)**

711- Water & Water System Development

**Water Main Replacements -Outside Agency**

**Project Description:**

Water main, service line, valve, or water meter relocation necessitated by County or other Agency road improvement, storm drain improvement projects, and/or other projects that conflict with existing water infrastructure.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c700003</b>	<b>Account # 711-70-91-7151-57302</b>						
<b>Project Cost Estimate:</b>	1,009,923	321,869	321,869	250,000	250,000	250,000	750,000
<b>Net Project Cost Estimates:</b>	1,009,923	321,869	321,869	250,000	250,000	250,000	750,000

**Water Resources Building**

**Project Description:**

The Watershed Resources Division is currently housed in temporary trailers. This project consists of a needs assessment, design, and construction. The needs assessment portion of the project has been completed; FY 2016 will focus on site selection and design; FY 2017 will be construction.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701702</b>	<b>Account # 711-70-91-7153-57302</b>						
<b>Project Cost Estimate:</b>	-	100,000	100,000	1,000,000	-	-	1,000,000
<b>Net Project Cost Estimates:</b>	-	100,000	100,000	1,000,000	-	-	1,000,000

**Water Transmission System Improvements**

**Project Description:**

Recurring program of water main replacement for pipes 10" and larger (the transmission grid) to extend its useful life and improve performance. Priorities are based on the need to improve system grid, replace deteriorated or undersized mains, improve water quality, and reduce maintenance costs. Portion of the project funded by System Development Charges (20% SDC - Fund 715).

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c709833</b>	<b>Account # 711-70-91-7151-57302</b>						
<b>Project Cost Estimate:</b>	1,813,497	871,940	871,940	400,000	400,000	400,000	1,200,000
<b>Net Project Cost Estimates:</b>	1,813,497	871,940	871,940	400,000	400,000	400,000	1,200,000
<b>Project # c700017</b>	<b>Account # 715-70-91-7151-57302</b>						
<b>Project Cost Estimate:</b>	401,626	191,905	191,905	100,000	100,000	100,000	300,000
<b>Net Project Cost Estimates:</b>	401,626	191,905	191,905	100,000	100,000	100,000	300,000

City of Santa Cruz  
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 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Water Treatment Plant Filter Rehabilitation and Upgrades**

**Project Description:**

As part of an overall plan to ensure compliance with changing water quality regulations, improvements are needed at the Graham Hill Water Treatment Plant. This project will rehabilitate and improve the filter performance. Project will be complete in the Fall 2016.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701303</b>	<b>Account # 711-70-91-7152-57302</b>						
<b>Project Cost Estimate:</b>	3,723,028	2,314,272	2,314,272	-	-	-	-
<b>Net Project Cost Estimates:</b>	3,723,028	2,314,272	2,314,272	-	-	-	-

**Water Treatment Plant Flocculator/Sedimentation Improvements**

**Project Description:**

As part of an overall plan to ensure compliance with changing water quality regulations, improvements are needed at the Graham Hill Water Treatment Plant. This project will replace aging paddle wheel flocculators and improve sedimentation processes. Project includes seismic evaluation as well as consideration for covering all basins (project c701601).

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701502</b>	<b>Account # 711-70-91-7152-57302</b>						
<b>Project Cost Estimate:</b>	-	60,000	60,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	60,000	60,000	-	-	-	-

**Water Treatment Plant Hypochlorite Generation**

**Project Description:**

As part of an overall plan to ensure compliance with changing water quality regulations, improvements are needed at the Graham Hill Water Treatment Plant. This project will consider the replacement of the existing chlorine gas system with a new hypochlorite generation system.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701401</b>	<b>Account # 711-70-91-7152-57302</b>						
<b>Project Cost Estimate:</b>	-	75,000	75,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	75,000	75,000	-	-	-	-

City of Santa Cruz  
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 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Water Treatment Plant Solids Handling**

**Project Description:**

Solids produced at the Graham Hill Water Treatment Plant are currently disposed of in the City's sewer collection system. Treatment and disposal of these solids needs to be evaluated with the existing Water Treatment Plant Concrete Tank Assessment and Rehabilitation project (c701501) with improvements made accordingly.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701605</b>							<b>Account # 711-70-91-7153-57302</b>
<b>Project Cost Estimate:</b>	-	250,000	250,000	500,000	-	-	500,000
<b>Net Project Cost Estimates:</b>	-	250,000	250,000	500,000	-	-	500,000

**Water Treatment Plant UV System - Pasatiempo**

**Project Description:**

As part of an overall plan to ensure compliance with changing water quality regulations, improvements are needed at the Graham Hill Water Treatment Plant. This project will consider upgrading the Pasatiempo Pump system with ultra violet disinfection. This project would need to be constructed in conjunction with improvements to the filtered water tank as part of the WTP Concrete Tank Project.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701503</b>							<b>Account # 711-70-91-7152-57302</b>
<b>Project Cost Estimate:</b>	-	40,000	40,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	40,000	40,000	-	-	-	-

**Water Treatment Upgrades**

**Project Description:**

Upgrades to the Graham Hill Water Treatment Plant are necessary to meet new and planned regulatory requirements, and increase overall system reliability. This is a recurring project to prioritize needs and make smaller improvements. The current project includes upgrades to the bulk chemical storage area.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c700025</b>							<b>Account # 711-70-91-7152-57302</b>
<b>Project Cost Estimate:</b>	313,986	26,561	26,561	100,000	-	-	100,000
<b>Net Project Cost Estimates:</b>	313,986	26,561	26,561	100,000	-	-	100,000

City of Santa Cruz  
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 Fiscal Years 2017 - 2019

**Water (EXISTING)**

711- Water & Water System Development

**Wharf Water Main**

**Project Description:**

New emergency project to repair the Wharf Water Main that failed during strong swell in late January 2016. This project will be complete by Fall 2016.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701613</b>	<b>Account # 711-70-91-7151-57302</b>						
<b>Project Cost Estimate:</b>	-	500,000	500,000	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	500,000	500,000	-	-	-	-

**WTP Concrete Tanks**

**Project Description:**

As part of an overall plan to ensure compliance with changing water quality regulations, improvements are needed at the Graham Hill Water Treatment Plant. This project will evaluate the condition of four concrete tanks located at the site (as well as an off-site concrete tank), make improvement recommendation, and construction. Project title modified from WTP Filter Water Tank. Includes \$145,000 endowment for MHJB HCP mitigation.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c701501</b>	<b>Account # 711-70-91-7152-57302</b>						
<b>Project Cost Estimate:</b>	173,521	189,799	189,799	600,000	3,000,000	3,000,000	6,600,000
<b>Net Project Cost Estimates:</b>	173,521	189,799	189,799	600,000	3,000,000	3,000,000	6,600,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Existing Capital Projects for Water & Water System Development Enterprise Fund (711 & 715) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	44,361,083	18,915,681	19,115,681	14,165,000	12,740,000	32,055,000	58,960,000
<b>Total Project Funding Estimate:</b>	-	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	44,361,083	18,915,681	19,115,681	14,165,000	12,740,000	32,055,000	58,960,000

# Water Department Capital Improvement Projects FY 2016 Completed Projects



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Water (FY 2016 COMPLETED PROJECTS)**

711- Water & Water System Development

**Water Supply Project**

**Project Description:**

CEQA process continued in FY 2014. A portion of the project is funded by System Development Charges (30% SDC-Fund 715). Remaining project balance will be transferred as needed to the Water Supply Reliability project (c701402, c701403)

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 711-70-91-7153-57302</b>							
<b>Project # c700305</b>							
<b>Project Cost Estimate:</b>	9,987,563	634	633	-	-	-	-
<b>Net Project Cost Estimates:</b>	5,072,470	634	633	-	-	-	-

<b>Account # 715-70-91-7153-57302</b>							
<b>Project # c700016</b>							
<b>Project Cost Estimate:</b>	3,551,828	271	271	-	-	-	-
<b>Net Project Cost Estimates:</b>	1,445,361	271	271	-	-	-	-

**Water Supply Reliability**

**Project Description:**

Support the Water Supply Advisory Committee (WSAC) to explore the City of Santa Cruz's water situation and potential supply options. Will include exploration of elements that impact supply such as the Habitat Conservation Plan process, elements affecting demand such as the conservation master plan, and potential water supply alternatives such as water exchange and beneficial uses of recycled water, and funding of Water Supply Advisory Committee facilitation. Potential for funding contributions from other agencies for exploration of regional solutions and/or grant funding. Includes supporting various elements of the WSAC final recommendations.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Account # 711-70-91-7153-57302</b>							
<b>Project # c701402</b>							
<b>Project Cost Estimate:</b>	1,137,738	592,644	592,644	-	-	-	-
<b>Net Project Cost Estimates:</b>	1,137,738	592,644	592,644	-	-	-	-

<b>Account # 715-70-91-7153-57302</b>							
<b>Project # c701403</b>							
<b>Project Cost Estimate:</b>	36,537	238,762	238,762	-	-	-	-
<b>Net Project Cost Estimates:</b>	36,537	238,762	238,762	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**FY16 Completed Projects for Water & Water System Development Enterprise Fund  
 (711 & 715) Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	14,831,258	832,311	832,310	-	-	-	-
<b>Total Project Funding Estimate:</b>	7,021,560	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	7,809,698	832,311	832,310	-	-	-	-

**Water Totals for Water & Water System Development Enterprise Fund (711 & 715)**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	59,192,341	19,747,992	19,947,991	14,270,000	12,800,000	32,115,000	59,185,000
<b>Total Project Funding Estimate:</b>	7,021,560	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	52,170,781	19,747,992	19,947,991	14,270,000	12,800,000	32,115,000	59,185,000

**Water Totals**

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	59,192,341	19,747,992	19,947,991	14,270,000	12,800,000	32,115,000	59,185,000
<b>Total Project Funding Estimate:</b>	7,021,560	-	-	-	-	-	-
<b>Total Net Project Cost Estimate:</b>	52,170,781	19,747,992	19,947,991	14,270,000	12,800,000	32,115,000	59,185,000

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# Citywide Capital Improvement Projects



**Capital Improvement Projects  
FY 2017 – FY 2019  
Non-Departmental  
City of Santa Cruz**



- Unmapped Projects**
- c600802 - Permitting Application
  - c601303 - IT Five Year Strategic Plan
  - c601401 - Neighborhood Grant Program - Pilot
  - c601615 - Retrofit Exterior Lighting (City-Wide) - CEC
  - m609195 - Public Facilities - Maintenance

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Citywide Projects (NEW)**

311- General Capital  
 Improvement Fund

**Corp Yard Stormwater Pollution Prevention Plan and Implementation**

**Project Description:**

Development of a required Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard which will identify storm water quality Best Management Practices (BMP's) and provide funding for implementation. Structural BMP's may include a oil/water separator or other treatment systems to capture oil and silt from the vehicle storage areas. Non-structural BMP's will include additional sweeping, monitoring and inspections.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601701</b>							<b>Account # 311-60-00-9410-57311</b>
<b>Project Cost Estimate:</b>	-	-	-	100,000	-	-	100,000
<b>Project Funding Estimates:</b>							
<b>Water Fund</b>	-	-	-	15,000	-	-	15,000
<b>Refuse Fund</b>	-	-	-	46,000	-	-	46,000
<b>Equipment Fund</b>	-	-	-	22,000	-	-	22,000
<b>Parking Fund</b>	-	-	-	2,000	-	-	2,000
<b>Net Project Cost Estimates:</b>	-	-	-	15,000	-	-	15,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Prior Year Totals	Fiscal Year 2016		FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	Total 2017 - 2019
		Budget	Estimated Actuals				
<b>Total Project Cost Estimate:</b>	-	-	-	100,000	-	-	100,000
<b>Total Project Funding Estimate:</b>	-	-	-	85,000	-	-	85,000
<b>Total Net Project Cost Estimate:</b>	-	-	-	15,000	-	-	15,000

**City of Santa Cruz**  
**Adopted Capital Improvement Program Budget (by department)**  
**Fiscal Years 2017 - 2019**

**Citywide Projects (EXISTING)**

311- General Capital Improvement Fund

**Arena Capital Improvements**

**Project Description:**

Originally built as a temporary structure to be used by D league basketball Santa Cruz Warriors. Additional improvements needed to be used as facility for other local sports events.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601402</b>							<b>Account # 311-60-00-9990-57290</b>
<b>Project Cost Estimate:</b>	33,676	141,324	75,000	-	50,000	-	50,000
<b>Net Project Cost Estimates:</b>	33,676	141,324	75,000	-	50,000	-	50,000

**City Hall Campus Emergency Generators**

**Project Description:**

The project will replace the 1980's era emergency standby generator at city hall to improve reliability, reduce noise and increase the electrical output. Project includes the electrical design and connection so that all the buildings have power during a service interruption. The project also includes providing an emergency standby generator for the current Parks and Recreation building. Staff will explore emergency infrastructure grant opportunities for this critical function.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601504</b>							<b>Account # 311-60-00-9410-57490</b>
<b>Project Cost Estimate:</b>	-	50,000	50,000	200,000	50,000	-	250,000
<b>Net Project Cost Estimates:</b>	-	50,000	50,000	200,000	50,000	-	250,000

**City Hall Parking Lot Repairs**

**Project Description:**

The parking lots in the City Hall complex (Annex, Parks, Civic, Locust) have received very limited maintenance in the last 30 years and are in need of drainage improvements and pavement or concrete rehabilitation. The 3-year program is a phased approach to addressing this deferred maintenance. Storm water quality improvements will be incorporated where feasible. The Annex parking lot was completed concurrently with the solar carport project and included storm water quality improvements funded by Measure E. The Locust and the Parks lots are proposed to be repaired in FY17 and the Civic lot in FY18.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601301</b>							<b>Account # 311-60-00-9410-57290</b>
<b>Project Cost Estimate:</b>	120,123	-	-	-	300,000	-	300,000
<b>Net Project Cost Estimates:</b>	120,123	-	-	-	300,000	-	300,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Citywide Projects (EXISTING)**

311- General Capital  
 Improvement Fund

**Corp Yard Solar Upgrade**

**Project Description:**

The Corporation Yard Main Building and Water Treatment Plant have solar photovoltaic systems which can potentially be increased. A study was completed which and recommended that an additional 200 solar modules, 55kw could be added to the roof to compliment the existing system. the payback is 5 years. The project will be implemented with the seismic retrofit of the building, as a new roof will be installed at that time.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601501</b>							<b>Account # 311-60-00-9410-57290</b>
<b>Project Cost Estimate:</b>	5,864	30,136	30,136	50,600	169,400	-	220,000
<b>Project Funding Estimates:</b>							
<b>Water Fund</b>	5,864	12,136	12,136	33,000	-	-	33,000
<b>Parking Fund</b>	-	-	-	11,000	-	-	11,000
<b>Equipment Fund</b>	-	-	-	6,600	-	-	6,600
<b>Net Project Cost Estimates:</b>	-	18,000	18,000	-	169,400	-	169,400

**Corporation Yard Main Bldg Seismic**

**Project Description:**

The Corporation Yard Main Building was constructed in 1966 and has been modified over the years. It currently houses Fleet, Water Operations, Public Works Operations, Building Maintenance, Street Maintenance, Traffic Maintenance and Parking Maintenance, and is an important emergency operations deployment center. The need to upgrade the buildings life-safety performance during a seismic event was identified in the Corporation Yard Master Plan. The seismic stability and retrofit strategies study for the building was done in FY12; the design initiated in FY 14 and construction is anticipated to start in FY15. Costs have increased due to additional structural and ADA requirements.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601101</b>							<b>Account # 311-60-00-9410-57290</b>
<b>Project Cost Estimate:</b>	135,200	1,024,800	1,024,800	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Parking Fund</b>	33,255	53,745	53,745	-	-	-	-
<b>Water Fund</b>	79,596	152,404	152,404	-	-	-	-
<b>Equipment Fund</b>	22,349	30,901	30,901	-	-	-	-
<b>Workers Comp Fund</b>	-	154,125	154,125	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	633,625	633,625	-	-	-	-





City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Citywide Projects (EXISTING)**

311- General Capital Improvement Fund

**IT Five Year Strategic Plan**

**Project Description:**

Information Technology Five Year Strategic Plan - Transfers from Enterprise Funds in the same % as their shares of IT costs in the cost allocation plan, with remainder from the General Fund. Requested dollars include the following scope: Generator improvements for data center; business licensing and land management upgrades and enhancements; TOT application; security strategy, process and technical improvements; payment card industry (PCI); shift scheduling upgrade; Active Directory improvements; network improvements; Parks & Rec Vermont enhancements; City website re-design; Work Order enhancements; community request tracking; physical security/camera/DVRs; network improvements; and body cameras.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601303</b>	<b>Account # 311-60-00-9910-57990</b>						
<b>Project Cost Estimate:</b>	187,546	877,954	877,954	346,700	650,000	1,200,000	2,196,700
<b>Project Funding Estimates:</b>							
<b>From General Fund</b>	99,888	622,851	622,851	170,957	441,051	814,247	1,426,255
<b>Water Fund</b>	36,469	104,745	104,745	73,380	87,245	161,068	321,693
<b>Wastewater Fund</b>	15,652	65,698	65,698	42,051	49,996	92,301	184,348
<b>Refuse Fund</b>	23,181	42,122	42,122	33,786	40,170	74,160	148,116
<b>Parking Fund</b>	5,114	33,133	33,133	19,992	23,770	43,883	87,645
<b>Storm Water Fund</b>	4,482	9,405	9,405	6,534	7,768	14,341	28,643
<b>Golf Course Fund</b>	2,760	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Neighborhood Grant Program - Pilot**

**Project Description:**

Pilot Program - Opportunities for communities to volunteer and to initiate local projects which support safe and well-maintained neighborhoods and public spaces.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601401</b>	<b>Account # 311-60-00-9810-57390</b>						
<b>Project Cost Estimate:</b>	5,287	19,713	2,500	-	-	-	-
<b>Net Project Cost Estimates:</b>	5,287	19,713	2,500	-	-	-	-

**Permitting Application**

**Project Description:**

Implementation of a city-wide permitting system which will replace the legacy application on the HP3000.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c600802</b>	<b>Account # 311-60-00-9910-57901</b>						
<b>Project Cost Estimate:</b>	552,700	62,300	62,300	-	-	-	-
<b>Net Project Cost Estimates:</b>	552,700	62,300	62,300	-	-	-	-

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Citywide Projects (EXISTING)**

311- General Capital  
 Improvement Fund

**Public Facilities - Maintenance CEC**

**Project Description:**

Provides funding for remodeling and/or repairs to various public buildings and will be prioritized based on a facilities conditions assessment (c601302) that has been completed and approved by City Council. The City has received a CEC loan which funds approximately \$2.0 million in energy saving projects allocated to many city-wide projects. The FY16 funding is for the measurement and verification, engineering and project management for all the CEC funded projects.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # m609195</b>	<b>Account # 311-60-00-9410-57290</b>						
<b>Project Cost Estimate:</b>	352,958	979,025	979,025	200,000	200,000	200,000	600,000
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	594,471	594,471	-	-	-	-
<b>Net Project Cost Estimates:</b>	352,958	384,554	384,554	200,000	200,000	200,000	600,000

**Remove Corp Yard Wall Furnaces - CEC**

**Project Description:**

Relace two wall furnaces in main building with ductless split system heat pump with inverter and electrically reversing valve for heating only. Energy savings of 1,056 therms.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601608</b>	<b>Account # 311-60-00-9410-57290</b>						
<b>Project Cost Estimate:</b>	-	11,231	11,231	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	11,231	11,231	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Remove Indoor Condenser - Maint Garage - CEC**

**Project Description:**

Remove indoor condenser unit and place with a new unit on the roof. Energy savings of 1440 kWh.

**Fiscal Year 2016**

	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601614</b>	<b>Account # 311-60-00-9410-57290</b>						
<b>Project Cost Estimate:</b>	-	4,758	4,758	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	4,758	4,758	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-







City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Citywide Projects (EXISTING)**

311- General Capital  
 Improvement Fund

**Retrofit Corp Yard Exterior Lighting - CEC**

**Project Description:**

Replace thirteen wall packs with LED wall packs. Energy savings of 8,061 kWh.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601605</b>	<b>Account # 311-60-00-9320-57305</b>						
<b>Project Cost Estimate:</b>	-	8,867	8,867	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	8,867	8,867	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**Retrofit Exterior Lighting (City-Wide) - CEC**

**Project Description:**

Replace 15 wall packs and 22 can lights at parking garage, Police Department and other locations to LED systems. Energy savings of 12,739 kWh.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601615</b>	<b>Account # 311-60-00-9320-57305</b>						
<b>Project Cost Estimate:</b>	-	15,372	15,372	-	-	-	-
<b>Project Funding Estimates:</b>							
<b>Loan proceeds</b>	-	15,372	15,372	-	-	-	-
<b>Net Project Cost Estimates:</b>	-	-	-	-	-	-	-

**San Lorenzo River Lagoon Management Program**

**Project Description:**

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

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c601403</b>	<b>Account # 311-60-00-9145-57106</b>						
<b>Project Cost Estimate:</b>	163,956	196,294	196,294	75,000	-	-	75,000
<b>Project Funding Estimates:</b>							
<b>Other State Grants</b>	-	75,000	75,000	-	-	-	-
<b>State capital grants</b>	18,845	-	-	-	-	-	-
<b>From General Fund</b>	45,000	-	-	-	-	-	-
<b>Net Project Cost Estimates:</b>	100,111	121,294	121,294	75,000	-	-	75,000

City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

**Citywide Projects (EXISTING)**

311- General Capital  
 Improvement Fund

**Space Utilization Plan for City Hall**

**Project Description:**

Space Utilization Design for City Hall.

	Fiscal Year 2016						
	Prior Year	Budgeted	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate	FY 2017-2019 Total
<b>Project # c141301</b>							<b>Account # 311-14-11-9410-57203</b>
<b>Project Cost Estimate:</b>	152,207	412,793	212,793	-	-	-	-
<b>Net Project Cost Estimates:</b>	152,207	412,793	212,793	-	-	-	-



City of Santa Cruz  
 Adopted Capital Improvement Program Budget (by department)  
 Fiscal Years 2017 - 2019

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

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	2,047,154	3,970,412	3,686,875	872,300	1,419,400	1,400,000	3,691,700	
<b>Total Project Funding Estimate:</b>	392,455	2,126,809	2,126,809	397,300	650,000	1,200,000	2,247,300	
<b>Total Net Project Cost Estimate:</b>	1,654,699	1,843,603	1,560,066	475,000	769,400	200,000	1,444,400	

**Citywide Projects Totals for General Capital Improvement Fund (311)**

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	2,047,154	3,970,412	3,686,875	972,300	1,419,400	1,400,000	3,791,700	
<b>Total Project Funding Estimate:</b>	392,455	2,126,809	2,126,809	482,300	650,000	1,200,000	2,332,300	
<b>Total Net Project Cost Estimate:</b>	1,654,699	1,843,603	1,560,066	490,000	769,400	200,000	1,459,400	

**Citywide Projects Totals**

	Fiscal Year 2016							Total 2017 - 2019
	Prior Year Totals	Budget	Estimated Actuals	FY 2017 Estimate	FY 2018 Estimate	FY 2019 Estimate		
<b>Total Project Cost Estimate:</b>	2,047,154	3,970,412	3,686,875	972,300	1,419,400	1,400,000	3,791,700	
<b>Total Project Funding Estimate:</b>	392,455	2,126,809	2,126,809	482,300	650,000	1,200,000	2,332,300	
<b>Total Net Project Cost Estimate:</b>	1,654,699	1,843,603	1,560,066	490,000	769,400	200,000	1,459,400	

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