

# Public Works



# Public Works Department

Director

Traffic Engineering & Parking

- Transportation Programs Vehicles Bicycles Pedestrians
- Transportation Grants
- Traffic & Parking Studies
- All Parking Operations
- Capital Improvement Projects

Engineering

- Engineering Support & Design
- Capital Improvement Projects
- Development Review
- Inspection Projects
- Storm Water Program
- Wastewater Facility & Collection System Design
- Resource Recovery & Landfill Permitting & Design

Administrative Services

- Public Reception
- Administrative & Budget Support
- Commission Support
- Public Information

Resource Recovery

- Refuse Collections
- Refuse Disposal
- Recycling Collection & Processing
- Greencycle Collection & Processing
- Home Composting
- Waste Reduction Education
- Street Cleaning

Operations

- Fleet
- Street Maintenance
- Traffic Maintenance
- Signal Maintenance
- Facilities Maintenance
- Vegetation Management
- Flood Control Maintenance

Wastewater Treatment & Collection System

- Wastewater Collection
- Wastewater Treatment
- Environmental Education & Compliance
- Laboratory Services
- Monitoring
- Analysis
- Flood Control Maintenance
- Ocean Outfall Facility

\* Shown by function.

**DEPARTMENT DESCRIPTION**

The Public Works Department administers the City's public works activities, including street maintenance, wastewater collection and treatment, refuse collection and disposal, recycling collection and processing, street sweeping, traffic and parking management and maintenance, storm water collection and pollution prevention, fleet maintenance, facilities maintenance, and provides professional engineering services to City projects as needed.

**Operations**

Operations is comprised of four divisions that are responsible for management, inspection, repair, and maintenance of major field infrastructure and facilities within the Public Works Department. The following is a brief description of each division's core functions and duties:

**Right-of-Way (Streets) Maintenance**

This division maintains and repairs the city street surfaces, curbs, gutters, and storm drainage systems. They assist with and may construct minor street projects. Additionally they provide service to other Enterprise-funded departments for water and sewer utility trench resurfacing projects.

**Traffic Maintenance**

This division maintains the City's nearly 2,000 City-owned streetlights, 41 City-owned traffic signals, as well as maintenance of pavement markings, signing, and traffic-calming devices.

**Fleet Maintenance**

This division plans, coordinates, and manages the ongoing operation and maintenance of the City's fleet, as well as the review, recommendation, and administration of the fleet replacement program, to include the reassignment of equipment from one department to another.

**Communications Maintenance**

This division is responsible for the operation and maintenance of the City's two-way radio communications system, including maintenance of mandated FCC Radio Licenses.

**Facilities Maintenance**

This division maintains City-owned buildings and structures in good working order to comply with mandated guidelines using environmentally friendly products. Our goal is to evaluate, recommend, and repair City facilities so that they are functioning as efficiently as possible while providing City departments with quick and efficient service to enable them to work in a safe, comfortable atmosphere.

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |

**FY 2015 ACCOMPLISHMENTS: Operations**

- Staff replaced 54 structurally compromised decorative streetlights along Pacific Avenue. In addition, all of the downtown decorative streetlights were repainted and retrofitted with LED lights resulting in 49,730 Kilowatt hours of annual savings.
- In our continued streetlight retrofit program, we replaced 75 more standard “Cobra” style light fixtures with LED lights, bringing the total City-owned streetlights to 1279 or 62%. This most recent replacement project reduced our energy consumption by 54,404 Kilowatt hours annually.
- Enhanced safety lighting underneath the San Lorenzo levee bridges by installing upgraded 30 high-pressure sodium light fixtures to LED lights. The project area included the Riverside, Broadway, Soquel, Water, and Murray Street bridges. The energy savings achieved are minimal because many of the existing lights were continuously vandalized and malfunctioning. However, the new LED lights have been designed to be more resistant to vandalism, and as a result the maintenance costs have been significantly reduced.
- The Street division has implemented a new process of bundling residential paving projects in areas of Measure “H” paving activities. For example, when the Engineering Department planned major reconstruction work on Western Drive, the Street division took advantage of this planned work and scheduled the following streets to be restored: Wavcrest, Flower, Echo, and Mountain Way. The completed work was well received by the residents.
- Operations staff recently completed one of the larger items identified in the Facility Condition and Capital Replacement Assessment. The project replaced failing mechanical equipment and upgraded lighting to energy efficient models. Staff is monitoring energy savings because of the guarantee provided by the contractor and we are happy to report that we are experiencing an average kilowatt savings of 35% from the exact month’s prior year usage. We will continue to monitor the energy savings over the next 12 months to ensure the energy savings guarantees are met.
- Operations staff has successfully put together a detailed investment grade energy efficiency audit and submitted an application to the California Energy Commission for consideration of awarding the City a 1% loan for the work. In total, the investment grade energy efficiency audit detailed \$2.2 million dollars of projects ranging from completing the City-owned streetlight retrofitting project, mechanical and lighting upgrades. We hope to hear the results of their review in the next six months.
- Greening the City fleet continues to be a priority and this fiscal year; a grant fund was received from the Monterey Air Quality Control District and three new electric Nissan Leaf vehicles were added to the general purpose fleet. In addition to the new Nissan Leaf vehicles, two all-electric Parking Enforcement Scooters and one electric utility vehicle were purchased. Additionally, the Sanitation section is purchasing CNG (compressed natural gas) garbage trucks to enhance the City’s carbon reduction efforts.

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |

**FY 2016 GOALS: Operations**

- Seismic retrofit and restroom upgrades of the Corporation Yard buildings.
- Addition of roof-top solar at the Corporation Yard to reduce energy costs.
- Repairs to exterior envelope of the Civic Auditorium building.
- Continued research for energy conservation grant or low-interest loans for projects identified in the investment grade energy audit.
- Pursue grant funding to replace inefficient fossil fuel vehicles with alternative fuel efficient units like electric or hybrid vehicles.
- Continue to bundle residential street paving projects in areas of Measure “H” paving activities.

**Engineering and Traffic Engineering**

The Engineering and Traffic Engineering Division develops, coordinates, and implements the department’s Capital Improvement Program related to Transportation, Wastewater, Refuse, Storm Drains/Flood Control, Parking, Facilities, and Emergency Repairs. The CIP includes grant applications and management, environmental review, permitting, design, construction, and inspection. Assistance is provided to other departments as needed. The divisions provide review and permitting for property development and utility installation. The Traffic Engineering division also manages the parking functions.

**FY 2015 ACCOMPLISHMENTS: Engineering and Transportation**

- Completed all the Arana Gulch Multi-use Trails.
- Completed the Highway 1/9 Project Caltrans Environmental Review process and initiated design.
- Applied/Acquired Grants to fund Traffic Safety and Safe Routes to School projects.
- Completed the Soquel/Park Way Left-Turn Lane project.
- Completed the Chestnut Street Slip-Out Phase 2 project.
- Completed the Wharf Intersection Roundabout project.
- Completed the first Cold-In-Place Recycled Paving project on Laurel, Western, and La Fonda.
- Completed the environmental review and design for the Branciforte Creek Bike and Pedestrian Bridge and Path, and applied for a construction grant.
- Completed the SLR Trestle Ramp bike and pedestrian project.
- Completed the design for the Ocean/Water Intersection Improvements.
- Completed the West Cliff Stair Repair at Indicators.
- Completed improvements and testing for the Cowell Beach initiative.
- Completed various wastewater sewer line (Fair Sewer Lining, SLR Sanitary Siphon), and treatment plant rehabilitation (Digester, Clarifier and Sed Tank Repairs) projects.
- Completed conversion of River Front Parking Structure.
- Implemented and enforced new state storm water quality requirements.
- Completed the Westlake School Safe Routes to School project.

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |

**FY 2015 ACCOMPLISHMENTS: Engineering and Transportation (continued)**

- Initiated the Monterey Bay Scenic Sanctuary Trail – Segment 7 project environmental review and preliminary design and received a large transportation grant for the project.
- Initiated final plans of City-Wide traffic signal heads and pedestrian countdown heads upgrade (HSIP Grant).
- Completed installation of Green Pavement Markings on Laurel St. Corridor and uphill bike lane on Western Drive.
- Completed Broadway/Riverside Pedestrian Crossing Improvement Project.
- Completed Fiber Broadband extension from City Hall to Mission Street.
- Downtown Holiday Charity Program for Hope Services.
- Lighting Efficiency upgrade to the City Eastside Parking Lot.
- Completed 5-year Parking Structure Analysis and Restoration Planning.
- Replaced aging Wharf Gate Parking Equipment (serving ½ million users annually).
- Installed Security Cameras at the Cedar Church Garage.
- Completed design for improved storm water runoff at Cedar Elm Parking Lot (Lot 9 LID).

**FY 2016 GOALS: Engineering and Transportation**

- Complete the Highway 1/9 right-of-way acquisition and the final design.
- Complete the Highway 1 Bridge Replacement Project Development process.
- Initiate the Ocean Street Beautification Project.
- Implement and fine tune the Ocean Street Adaptive Management Traffic Signal project.
- Complete the Soquel at Frederick Minor Widening.
- Complete design and environmental review for the Monterey Bay Scenic Sanctuary Trail – Segment 7 project.
- Construct City-Wide traffic signal heads and pedestrian countdown heads upgrade.
- Continue to implement a more robust Measure H Paving program by using bond funding.
- Complete the Corp Yard Main Building Seismic Retrofit project.
- Approve design concept and initiate final design for the Bay High Intersection Project.
- Construct the Branciforte Creek Bike and Pedestrian Bridge and Path.
- Complete the right-of-way process and design for the Murray Street Bridge Seismic Retrofit project and initiate construction.
- Perform deck repairs at downtown parking structures.
- Complete the bulk of the Active Transportation Program Plan.

**Wastewater Operations**

The Wastewater division is responsible for the operation and maintenance of a regional wastewater treatment and disposal facility and the City's subsurface storm water and wastewater systems. It also provides inspection, sampling, public education, and monitoring of business and industrial establishments to limit discharge of harmful constituents into the sanitary wastewater system and storm drain system.

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |

**FY 2015 ACCOMPLISHMENTS: Wastewater Operations**

- Completed upgrade to fiber cable network including new PLC, software, and SCADA software upgrade.
- Enhanced confined space program with rescue training and supporting equipment
- Processing City of Scotts Valley Waste sludge.
- Completed energy project with the installation of VFD drives on the four carbon fans.
- Resolved several cross contaminations of storm water by domestic sewage in 2014 by field testing and working with the environmental laboratory.
- Instituted cost-effective methods of showing concentrations of fecal chemicals associated with high bacteria in waterways during 2014. This has eliminated a lot of additional speculative testing for source tracking.
- Published a technical method to determine levels of alum chemicals in the wastewater treatment process. This was shared with other POTWs at the annual CWEA conference in San Jose in April 2014.

**FY 2016 GOALS: Wastewater Operations**

- Source tracking of possible causes for the pollution on Cowell Beach/Westside Santa Cruz.
- Sewer pump station control panel upgrades.
- Corrugated metal pipe inspection throughout the City for CIP prioritization/replacement or repair.
- Rehabilitation of 48” siphon sewer under San Lorenzo River.
- Digester #4 equipment refurbishment.
- Replace/repair various equipment components to ensure process control reliability.
- Expand current water reuse equipment to produce Title 22 reclaim water for offsite use.
- Look at the emerging technologies for bio-solids conditioning.
- Conversion of secondary odor control to Vapex Ozone technology.
- Design replacement standby generator engine and generator package.
- Install Vapex ozone technology for county inlet channel.
- Upgrade centrifuge process controls, feed pumps, and polymer system.
- Institute in-house toxicity (bioassay) testing in 2016, bringing in a test that has always been done through contract laboratories.

**Resource Recovery Operations/Refuse Fund**

The Refuse Enterprise Fund collects all refuse, recycling, and greenwaste in the city, provides street cleaning services, provides refuse disposal at the landfill, processes and markets all recyclables, green and wood waste, and other diverted materials, provides waste reduction and recycling outreach and education programs and materials, provides environmental compliance and engineering services for the Resource Recovery Facility, and administers the fund to collect sufficient revenues from collection and landfill customers, and sale of materials to pay all costs of the fund.

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |

**FY 2015 ACCOMPLISHMENTS: Resource Recovery Operations/Refuse Fund**

- Began installation of increased on-street public trash containers in high-traffic business areas.
- Accelerated replacement of residential side loader vehicles with hybrid diesel vehicles including \$300,000 in grant rebates to offset purchase price.
- Expanded the Recycle Right! contamination control program for recycling and greenwaste containers through inspection, customer education, and compliance efforts.
- Selected, purchased, and implemented a routing software program for refuse and recycling collection to increase efficiency and safety.
- Worked with other agencies in the county to investigate appropriate system(s) and location(s) to divert organic materials, including food waste, from landfills to beneficial uses.

**FY 2016 GOALS: Resource Recovery Operations/Refuse Fund**

- Continue to support the Climate Action Plan by reducing the impacts of Resource Recovery operations.
- Install CNG fueling and maintenance facilities at the City Corporation Yard.
- Full Implementation of routing and vehicle management software.
- Continued research on options and costs for food waste processing and implement a pilot collection program.
- Complete design of next lined landfill cell, call for bids and award construction contract to construct by Spring 2016.
- Continue to improve storm water conveyances at the Resource Recovery Facility.

**FY 2015 ACCOMPLISHMENTS: Clean River, Beaches, Ocean, and Storm Water Funds**

- Began storm drain infrastructure improvements to reduce bacteria levels at Cowell Beach from Neary Lagoon storm water outflow pipes.
- Funded three temporary Parks employees and support vehicle to clean-up campsites and illegal dumping along the river, creeks, and levee.
- Funded temporary Parks employees to clean Cowell and Main Beaches.
- Extensive efforts to clean river pump stations, street catch basins, and miscellaneous storm drain facilities.
- Continued comprehensive storm water education program in elementary, middle, and high schools within the City.
- Continued volunteer community and Adopt-a-Levee river levee cleanup programs managed by Save Our Shores to reduce litter and pollutants along the San Lorenzo River.
- Continued comprehensive storm water education and outreach program to businesses, contractors, residents, and the general public in the City. Outreach topics included: herbicide and pesticide use, Low Impact Design for development and remodel projects, riparian protection, and volunteer monitoring events.
- Increased plan review and inspections of all development and remodel projects pursuant to new state storm water permit requirements.
- Conducted source investigations to reduce bacteria levels at Cowell Beach.

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |



**FY 2015 GOALS: Clean River, Beaches, Ocean, and Storm Water Funds**

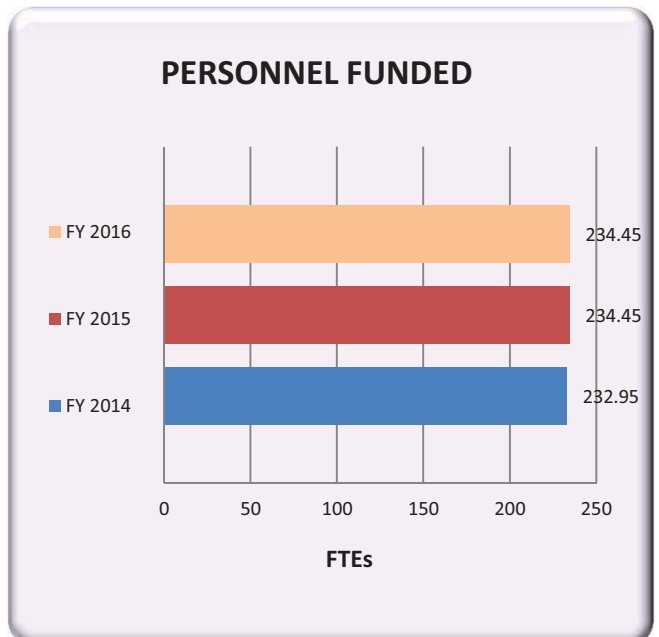
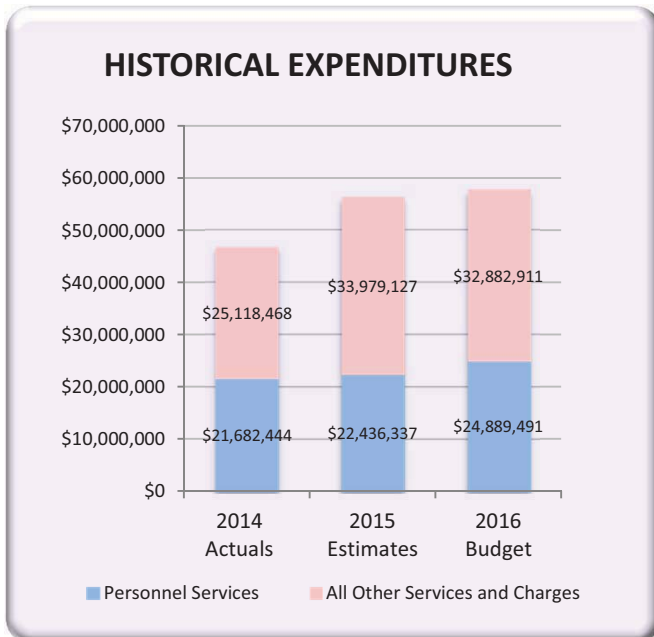
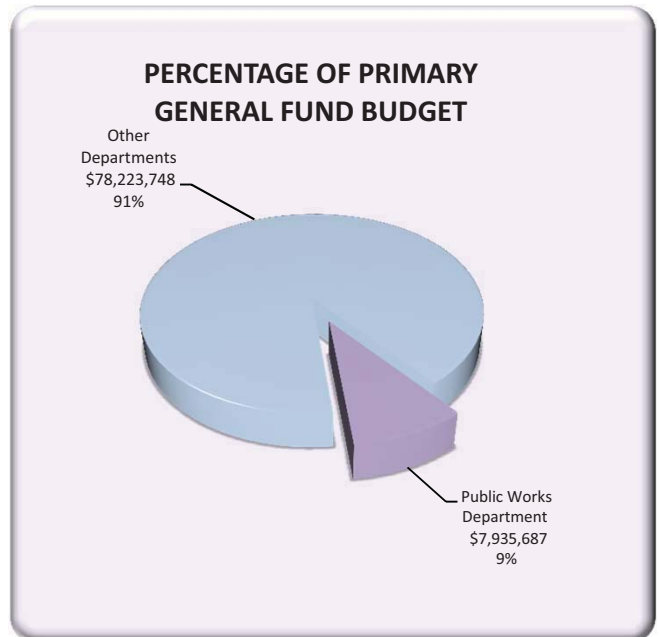
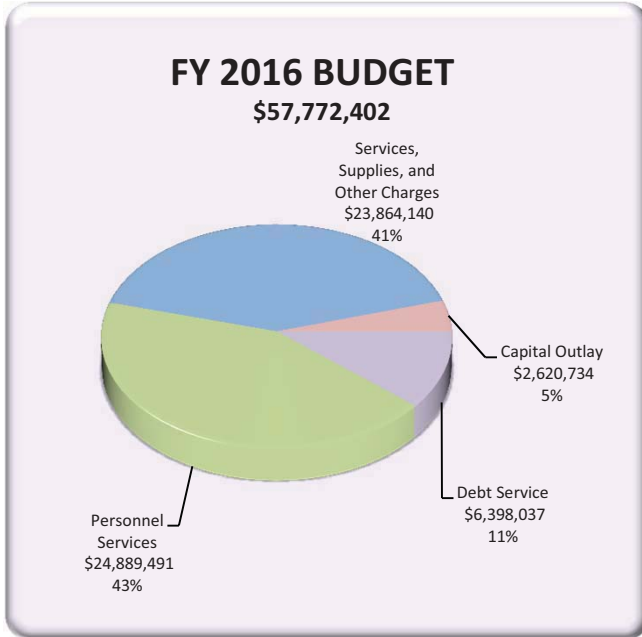
- Complete the Neary Lagoon storm drain improvement project to reduce bacteria levels at Cowell Beach.
- Complete LID installation at Parking Lot #9 (behind The Catalyst) funded by a State Prop 84 grant.
- Continue funding for river, beach, creek, and levee clean-ups by Parks staff, contractors, and volunteer groups.
- Increase efforts to clean river pump stations, street catch basins, and miscellaneous storm drain facilities.
- Continued funding for the comprehensive storm water education and outreach program in the City including to schools, businesses, contractors, and residents.
- Implement the SLR levee maintenance and Branciforte Creek channel repair projects.
- Work towards solution to reducing bacteria levels at Cowell Beach.

---

**CITY COUNCIL DRAFT STRATEGIC PLAN THREE-YEAR GOALS:**

- |   |   |
|---|---|
| 1. Environmental Sustainability and Well-Managed Resource | 4. Financial Stability  |
| 2. Community Safety and Well-Being                        | 5. Organizational Health                                      |
| 3. Economic Vitality                                      | 6. Reliable and Forward-Looking Infrastructure and Facilities |
|   | 7. Engaged and Informed Community                             |

# Public Works Department Spotlight



# Public Works

## DEPARTMENT SUMMARY

	Fiscal Year* 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended* Budget	Estimated Actual	
<b>EXPENDITURES BY CHARACTER:</b>					
Personnel Services	21,682,444	23,304,294	23,234,383	22,436,337	24,889,491
Services, Supplies, and Other Charges	18,497,415	23,863,442	24,530,037	22,689,530	23,864,140
Capital Outlay	473,761	3,121,794	5,534,750	4,891,054	2,620,734
Debt Service	6,147,292	6,659,787	6,659,787	6,398,543	6,398,037
<b>Total Expenditures</b>	<b>46,800,912</b>	<b>56,949,317</b>	<b>59,958,957</b>	<b>56,415,464</b>	<b>57,772,402</b>
<b>EXPENDITURES BY ACTIVITY:</b>					
Public Works Administration	4101 209,874	276,855	287,093	307,185	300,275
Engineering	4102 621,845	637,918	658,105	537,975	699,954
Public Works Operations	4103 91,921	109,801	109,801	110,946	128,349
Facilities Services	4110 863,915	1,293,756	1,299,415	1,235,719	1,318,297
Street Maintenance and Sidewalk Repair	4210 1,051,823	1,487,381	1,500,007	1,349,779	1,569,542
Traffic Engineering	4220 524,048	701,826	881,677	817,995	684,480
Parking Services	4221 1,693,787	1,780,677	1,806,739	1,743,091	1,855,509
Traffic Maintenance	4223 616,521	877,899	877,899	882,901	930,088
Wharf Gate Operations	4226 458,657	-	207	-	-
Parking Citation and Permits Office	4229 435,547	537,142	537,142	481,104	543,981
<b>Subtotal General Fund</b>	<b>6,567,938</b>	<b>7,703,255</b>	<b>7,958,085</b>	<b>7,466,695</b>	<b>8,030,475</b>
Wharf Gate Operations	4226 -	553,243	553,243	449,364	534,827
<b>Subtotal Other General Funds</b>	<b>-</b>	<b>553,243</b>	<b>553,243</b>	<b>449,364</b>	<b>534,827</b>
Traffic Signal Maintenance	4224 314,060	407,012	407,012	350,348	383,577
Street Lighting	4225 445,561	521,540	529,015	521,690	521,690
Bicycle/Pedestrian System Maintenance	4227 -	32,000	32,000	32,000	32,000
Traffic Impact	4228 37,385	47,713	47,713	45,739	52,182
Clean River, Beaches & Ocean	4235 467,104	935,560	1,075,048	1,093,932	889,797
Wastewater Customer Service	7201 300,108	297,019	297,019	297,019	319,738
Wastewater Mains/Flood Control	7202 1,837,692	2,663,913	2,798,059	2,539,659	2,643,535
Wastewater Treatment Facility	7203 7,907,569	9,491,911	9,708,605	9,496,518	10,003,019
Secondary Plant Parks Mitigation	7204 400,754	436,305	436,305	426,691	444,682
Wastewater Source Control	7205 486,943	547,486	549,103	549,955	583,864
Wastewater Pump House	7206 90,194	51,000	51,000	49,500	86,000
Wastewater Admin Charges	7207 722,188	723,380	723,380	782,718	784,377
Wastewater Lab	7208 704,609	1,011,673	1,058,556	983,094	1,248,385
2005 Wastewater Revenue Bonds	7241 286,675	-	-	-	-
Sewer Debt Service	7242 3,122,600	3,691,655	3,691,655	3,774,247	3,691,518
Refuse Customer Accounting	7301 406,435	402,773	402,773	402,773	462,174
Resource Recovery Collection - Container	7302 4,888,607	6,857,980	8,961,111	8,208,579	6,524,632
Refuse Disposal	7303 4,542,988	5,511,345	5,532,206	5,173,878	5,534,015
Recycling Program - Processing	7304 1,772,893	1,811,502	1,811,502	1,835,803	1,877,235

# Public Works

## DEPARTMENT SUMMARY

		Fiscal Year* 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
			Adopted Budget	Amended* Budget	Estimated Actual	
Resource Recovery Collection - Cart	7305	2,728,461	2,928,443	2,928,443	2,813,771	2,913,510
Waste Reduction	7306	353,503	422,469	454,669	346,998	425,107
Street Cleaning	7307	603,479	1,055,990	1,077,990	998,181	897,893
Off-Street Parking	7401	3,811,889	4,094,208	4,099,683	4,078,852	4,185,416
Storm Water Management	7501	465,797	907,659	932,499	362,536	1,002,217
Storm Water Overlay Debt Service	7540	189,929	193,101	193,101	34,338	180,901
Mechanical Maintenance	7831	3,240,957	3,529,118	3,529,118	3,199,181	3,407,668
Communications	7832	10,602	23,100	23,100	23,100	31,700
Employee Commute Van	7833	7,899	12,456	12,456	2,768	2,818
Pool Vehicles	7836	38,223	41,783	41,783	35,537	37,450
City Schools	7837	47,871	42,725	42,725	40,000	40,000
Subtotal Other Funds		40,232,974	48,692,819	51,447,629	48,499,405	49,207,100
Total Expenditures		46,800,912	56,949,317	59,958,957	56,415,464	57,772,402
<b>RESOURCES BY FUND</b>						
General Fund	101	5,150,392	3,087,424	3,203,873	3,301,994	3,264,674
Municipal Wharf	104	-	1,050,000	1,050,000	1,050,000	1,050,000
Gasoline Tax	221	1,913,988	1,554,951	1,554,951	1,374,370	1,374,370
Traffic Impact Fee-Citywide Fund	226	157,506	400,000	400,000	1,300,000	500,000
Clean River, Beaches & Ocean Tax Fund	235	625,544	625,945	625,945	628,444	628,444
Wastewater	721	17,892,783	20,099,308	20,099,308	19,932,846	20,781,847
Refuse	731	15,871,233	15,376,352	15,825,500	16,371,557	16,636,000
Parking	741	3,990,041	3,408,500	3,408,500	3,857,985	4,122,188
Storm Water	751	585,325	571,261	571,261	573,890	573,890
Storm Water Overlay	752	301,636	315,507	315,507	323,489	323,489
Equipment Operations	811	3,251,602	3,559,059	3,559,059	3,169,659	3,400,900
Total Resources		49,740,016	50,048,307	50,613,904	51,884,234	52,655,802
<b>Net General Fund Cost</b>		<b>(1,417,546)</b>	<b>(4,615,831)</b>	<b>(4,754,212)</b>	<b>(4,164,701)</b>	<b>(4,765,801)</b>
		<b>FY 2014</b>			<b>FY 2015</b>	<b>FY 2016</b>
<b>TOTAL AUTHORIZED PERSONNEL:</b>		232.95			234.45	235.45

\*Sums may have discrepancies due to rounding

# Public Works Administration

Activity Number: 4101  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Responsible for the overall administration and direction of the various public works activities. Provides staff support to Transportation and Public Works Commission and Downtown Commission. Administers refuse, wastewater, storm water, and parking enterprise funds. Develops and implements City policy guiding maintenance of public roads, bridges, and other infrastructure.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	163,711	227,324	235,562	256,438	246,919
Services, Supplies, and Other Charges	46,163	49,531	51,531	50,747	53,356
Total Expenditures	<u>209,874</u>	<u>276,855</u>	<u>287,093</u>	<u>307,185</u>	<u>300,275</u>
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	18,258	18,258	18,258	18,258	18,258
Rents, & Misc Revenues	5,000	5,000	14,000	7,000	7,000
Total Resources	<u>23,258</u>	<u>23,258</u>	<u>32,258</u>	<u>25,258</u>	<u>25,258</u>

Activity Number: 4102  
Fund(s): General Fund (101)  
Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Develops and manages the department's Capital Improvement Program. Provides professional engineering design, construction contract administration, and contractor controlled services for the Public Works Department and other City departments for the Capital Improvement Program. Provides private development review and approval for City-wide development as it relates to the public right-of-way and utility services, including staff support to Planning Commission and Zoning Board and related duties. Furnishes engineering consultation to other City departments, other agencies, private developers, private engineers, contractors, and the general public. Provides inspections services for the City and City-related projects.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	486,148	475,534	475,534	392,759	537,676
Services, Supplies, and Other Charges	135,697	162,384	182,571	145,216	162,278
Total Expenditures	<u>621,845</u>	<u>637,918</u>	<u>658,105</u>	<u>537,975</u>	<u>699,954</u>
<b>ACTIVITY RESOURCES:</b>					
Licenses and Permits	104,559	88,100	88,100	97,600	97,600
Grants	336	-	-	-	-
Charges for Services	71,493	73,300	73,300	86,800	85,300
Rents, & Misc Revenues	567	-	-	-	-
Total Resources	<u>176,954</u>	<u>161,400</u>	<u>161,400</u>	<u>184,400</u>	<u>182,900</u>

# Public Works Operations

Activity Number: 4103  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Responsible for management of street maintenance and sidewalk repair, flood control, traffic maintenance, traffic signals and street lights, fleet maintenance and facilities maintenance, and the corporation yard.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	70,920	75,211	75,211	78,008	94,355
Services, Supplies, and Other Charges	21,000	34,590	34,590	32,938	33,994
Total Expenditures	91,921	109,801	109,801	110,946	128,349

\*Sums may have discrepancies due to rounding

# Facilities Services

Activity Number: 4110  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

This activity provides custodial and cleaning services, facility maintenance, minor construction and energy efficiency retrofitting/monitoring for City facilities.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	405,722	480,045	480,045	460,350	529,173
Services, Supplies, and Other Charges	458,194	813,711	819,370	775,369	761,124
Capital Outlay	-	-	-	-	28,000
Total Expenditures	863,915	1,293,756	1,299,415	1,235,719	1,318,297
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	108,216	108,216	108,216	108,216	108,216
Rents, & Misc Revenues	-	-	-	3,800	3,800
Total Resources	108,216	108,216	108,216	112,016	112,016

\*Sums may have discrepancies due to rounding



# Street Maintenance and Sidewalk Repair

Activity Number: 4210  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

This activity maintains the City’s street surfaces, curbs, gutters, surface storm drainage systems, San Lorenzo River and Branciforte creek flood control systems. May repair sidewalks, curbs, and gutters adjacent to City-owned properties to reduce the City’s liability and protect the public.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	555,939	706,829	675,569	645,137	726,521
Services, Supplies, and Other Charges	495,884	625,552	664,880	545,064	754,021
Capital Outlay	-	155,000	159,558	159,578	89,000
Total Expenditures	1,051,823	1,487,381	1,500,007	1,349,779	1,569,542
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	2,196	2,800	2,800	1,500	2,200
Total Resources	2,196	2,800	2,800	1,500	2,200

\*Sums may have discrepancies due to rounding

Activity Number: 4220  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Provides administration and engineering for all parking control and traffic management programs and projects. Coordinates bicycle/pedestrian and alternative transportation programs and facilities. Responsible for staffing of the Downtown Commission and assists with staffing the Transportation and Public Works Commission. Provides professional engineering design of capital improvement projects relating to traffic and parking. Provides private development review as it relates to traffic and parking.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	293,429	345,501	345,501	362,557	399,969
Services, Supplies, and Other Charges	230,619	356,325	536,176	455,438	284,511
Total Expenditures	<u>524,048</u>	<u>701,826</u>	<u>881,677</u>	<u>817,995</u>	<u>684,480</u>
<b>ACTIVITY RESOURCES:</b>					
Grants	149,486	-	107,449	185,000	110,000
Charges for Services	-	-	-	1,775	1,800
Total Resources	<u>149,486</u>	<u>-</u>	<u>107,449</u>	<u>186,775</u>	<u>111,800</u>

# Parking Services

Activity Number: 4221  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Provides for all parking control and enforcement in the City, including patrol of metered and timed parking spaces, lots, garages, and residential parking permit areas. Provides installation, maintenance, and repairs of parking meters, gates, and pay equipment; collects monies from meters and pay stations; cleans and maintains parking lots (Maintenance of downtown parking district lots and equipment is funded in Activity 7401-Off Street Parking).

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	1,174,603	1,162,342	1,162,342	1,138,528	1,264,891
Services, Supplies, and Other Charges	453,476	550,835	556,697	517,209	466,618
Capital Outlay	65,708	67,500	87,700	87,354	124,000
Total Expenditures	<u>1,693,787</u>	<u>1,780,677</u>	<u>1,806,739</u>	<u>1,743,091</u>	<u>1,855,509</u>

# Traffic Maintenance

Activity Number: 4223  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Installs and maintains traffic and parking painting, signing, and traffic management devices. Provides supervision of traffic signal and street lighting.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	437,847	493,567	446,678	491,726	505,620
Services, Supplies, and Other Charges	178,674	384,332	431,221	391,175	353,468
Capital Outlay	-	-	-	-	71,000
Total Expenditures	<u>616,521</u>	<u>877,899</u>	<u>877,899</u>	<u>882,901</u>	<u>930,088</u>

# Traffic Signal Maintenance

Activity Number: 4224  
 Fund(s): Gasoline Tax (221)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

This activity provides for the operation and maintenance of 41 City-owned traffic signals and other related equipment.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	152,725	168,650	168,650	153,291	160,124
Services, Supplies, and Other Charges	161,335	238,362	238,362	197,057	223,453
Total Expenditures	<u>314,060</u>	<u>407,012</u>	<u>407,012</u>	<u>350,348</u>	<u>383,577</u>

Activity Number: 4225  
 Fund(s): Gasoline Tax (221)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides for the operation and maintenance of approximately 1,800 City-owned streetlights. Funds maintenance contracts and power costs for approximately 1,200 PG&E-owned lights.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	426,846	496,540	504,015	496,690	496,690
Debt Service	18,714	25,000	25,000	25,000	25,000
Total Expenditures	445,561	521,540	529,015	521,690	521,690

\*Sums may have discrepancies due to rounding

# Wharf Gate Operations

Activity Number: 4226

## ACTIVITY SUMMARY

Fund(s): General Fund (101 & 104)

Department: Public Works

**Activity Description:**

Provides for operation and maintenance of the attended parking gate at the Municipal Wharf, as well as permit parking, special event and promotional parking programs on the Wharf.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	379,938	404,896	404,896	322,698	434,530
Services, Supplies, and Other Charges	78,720	84,147	84,354	62,466	86,097
Capital Outlay	-	64,200	64,200	64,200	14,200
Total Expenditures	458,657	553,243	553,450	449,364	534,827
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	1,161,163	1,000,000	1,000,000	965,355	1,000,000
Rents, & Misc Revenues	70,805	50,000	50,000	49,940	50,000
Total Resources	1,231,968	1,050,000	1,050,000	1,015,295	1,050,000

\*Sums may have discrepancies due to rounding

# Bicycle/Pedestrian System Maintenance

Activity Number: 4227  
 Fund(s): Gasoline Tax (221)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides for maintenance and minor improvements to bikeways, bike parking and pedestrian ways. Funding from annual TDA grant allocation.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	-	32,000	32,000	32,000	32,000
Total Expenditures	-	32,000	32,000	32,000	32,000
	-	32,000	32,000	32,000	32,000

\*Sums may have discrepancies due to rounding



Activity Number: 4228

Fund(s): Traffic Impact Fee-Citywide Fund (226)

Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Citywide traffic impact fees are charged on all land use and construction permits that create a notable traffic impact, in order to provide funds to design, administer, acquire right-of-way, and construct planned traffic improvement projects.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	37,380	47,713	47,713	45,739	52,182
Services, Supplies, and Other Charges	5	-	-	-	-
Total Expenditures	<u>37,385</u>	<u>47,713</u>	<u>47,713</u>	<u>45,739</u>	<u>52,182</u>

# Parking Citation and Permits Office

Activity Number: 4229  
 Fund(s): General Fund (101)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Accepts and processes payments for parking citations; administers requests for hearings on citations and claims for unpaid citations; administers residential and garage parking permits.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	312,262	332,251	332,251	320,288	343,840
Services, Supplies, and Other Charges	123,285	204,891	204,891	160,816	200,141
Total Expenditures	435,547	537,142	537,142	481,104	543,981
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	2,820	5,000	5,000	1,000	5,000
Total Resources	2,820	5,000	5,000	1,000	5,000

\*Sums may have discrepancies due to rounding

# Clean River, Beaches & Oceans

Activity Number: 4235

## ACTIVITY SUMMARY

Fund(s): Clean River, Beaches & Ocean Tax Fund (235)

Department: Public Works

### Activity Description:

Provides funding for water quality programs to prevent pollution from reaching our waterways and beaches.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	156,800	233,291	233,291	249,287	288,835
Services, Supplies, and Other Charges	282,071	702,269	741,052	743,940	530,962
Capital Outlay	28,234	-	100,705	100,705	70,000
Total Expenditures	<u>467,104</u>	<u>935,560</u>	<u>1,075,048</u>	<u>1,093,932</u>	<u>889,797</u>

# Wastewater Customer Service

Activity Number: 7201  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Funds wastewater share of the City Water Department customer service operation, which handles billing and accounting for wastewater service, as well as start-up and ending service, customer complaints, and providing information to the public.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	300,108	297,019	297,019	297,019	314,321
Capital Outlay	-	-	-	-	5,417
Total Expenditures	300,108	297,019	297,019	297,019	319,738

\*Sums may have discrepancies due to rounding

# Wastewater Collections Control

Activity Number: 7202  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides for the operation and maintenance of the City's subsurface storm water and wastewater systems. This includes maintenance and repair of catch basins, pumps, and City-wide pump station facilities, collection lines and structures in the wastewater and subsurface storm water systems.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	1,362,636	1,595,422	1,595,422	1,502,077	1,788,144
Services, Supplies, and Other Charges	462,235	619,491	753,637	598,850	705,391
Capital Outlay	12,821	449,000	449,000	438,732	150,000
Total Expenditures	1,837,692	2,663,913	2,798,059	2,539,659	2,643,535
<b>ACTIVITY RESOURCES:</b>					
Rents, & Misc Revenues	46	-	-	-	-
Total Resources	46	-	-	-	-

\*Sums may have discrepancies due to rounding

# Wastewater Treatment Facility

Activity Number: 7203  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides for the operation, monitoring and maintenance of a regional wastewater treatment and disposal facility. Wastewater treatment and ocean outfall disposal is provided for the City of Santa Cruz and the Santa Cruz County Sanitation District (Live Oak, Capitola, Soquel and Aptos). Septage disposal is provided for the County of Santa Cruz. Disposal of the City of Scotts Valley's Wastewater Treatment Plant effluent is provided through the City of Santa Cruz Wastewater Treatment Facility Outfall.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	3,620,409	3,990,403	3,990,403	3,751,809	4,263,608
Services, Supplies, and Other Charges	4,254,645	5,152,108	5,203,795	5,276,726	5,029,711
Capital Outlay	32,514	349,400	514,407	467,983	709,700
Total Expenditures	7,907,569	9,491,911	9,708,605	9,496,518	10,003,019
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	-	15,000	15,000	40,000	40,000
Total Resources	-	15,000	15,000	40,000	40,000

\*Sums may have discrepancies due to rounding

# Secondary Plant Parks Mitigation

Activity Number: 7204  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides for the operation and maintenance of Neary Lagoon Park and mitigation areas for construction of Wastewater Plant Secondary Facilities.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	304,620	324,480	324,480	313,748	330,177
Services, Supplies, and Other Charges	96,134	111,825	111,825	112,943	114,505
Total Expenditures	400,754	436,305	436,305	426,691	444,682

\*Sums may have discrepancies due to rounding

# Wastewater Source Control

Activity Number: 7205  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides inspection, sampling, public education, and monitoring of business and industrial establishments to limit discharge of harmful constituents into the sanitary wastewater system and storm drain system. Issues wastewater and groundwater discharge permits to industrial dischargers. Issues citations and levies fines for code violations. This program is a requirement of the State of California and the U.S. Environmental Protection Agency.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	401,283	405,822	405,822	411,396	425,925
Services, Supplies, and Other Charges	85,660	141,664	143,281	138,559	157,939
Total Expenditures	486,943	547,486	549,103	549,955	583,864
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	-	-	-	6,000	6,000
Total Resources	-	-	-	6,000	6,000

\*Sums may have discrepancies due to rounding



# Wastewater Pump House

Activity Number: 7206  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides for the operation and maintenance of the influent sewage pumping station at the Wastewater Treatment Facility.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	36,700	51,000	51,000	49,500	51,000
Capital Outlay	53,494	-	-	-	35,000
Total Expenditures	90,194	51,000	51,000	49,500	86,000

\*Sums may have discrepancies due to rounding

# Wastewater Admin Charges

Activity Number: 7207  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Accounts for administrative service charges for the wastewater fund.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	722,188	723,380	723,380	782,718	784,377
Total Expenditures	722,188	723,380	723,380	782,718	784,377

\*Sums may have discrepancies due to rounding

Activity Number: 7208  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Provides analytical, monitoring and consultative services for the City’s sewer, storm water and related environmental analyses, including Pretreatment, Collection, and Operations, and discharge from the treatment facility. Compiles, reviews, and reports data for facility permit and treatment processes. Provides contract lab services to other departments and local agencies upon request.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	314,012	418,160	418,160	344,481	433,072
Services, Supplies, and Other Charges	357,692	558,513	605,396	591,113	733,313
Capital Outlay	32,905	35,000	35,000	47,500	82,000
Total Expenditures	704,609	1,011,673	1,058,556	983,094	1,248,385

\*Sums may have discrepancies due to rounding

# 2005 Wastewater Revenue Bonds

Activity Number: 7241  
 Fund(s): Wastewater (721)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Funds principal and interest payments on issued debt.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Debt Service	286,675	-	-	-	-
Total Expenditures	286,675	-	-	-	-

\*Sums may have discrepancies due to rounding

Activity Number: 7242  
 Fund(s): Wastewater (721)  
 Department: Public Works

ACTIVITY SUMMARY

Activity Description:

Funds principal and interest payments on issued debt.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Debt Service	3,122,600	3,691,655	3,691,655	3,774,247	3,691,518
Total Expenditures	<u>3,122,600</u>	<u>3,691,655</u>	<u>3,691,655</u>	<u>3,774,247</u>	<u>3,691,518</u>

\*Sums may have discrepancies due to rounding

# Refuse Customer Accounting

Activity Number: 7301  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Funds refuse share of the City Water Department Customer Service operation, which handles billing and accounting for refuse services, as well as start-up and ending refuse and recycling service, customer complaints, and providing information to the public.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	406,435	402,773	402,773	402,773	456,757
Capital Outlay	-	-	-	-	5,417
Total Expenditures	406,435	402,773	402,773	402,773	462,174

\*Sums may have discrepancies due to rounding

# Resource Recovery Collection - Containers

Activity Number: 7302  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Responsible for collection of refuse, recycling, and organic materials from customers using large containers. Also includes Refuse Fund administrative costs.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	2,745,948	2,900,948	2,900,948	2,784,076	3,011,676
Services, Supplies, and Other Charges	1,840,565	2,220,422	2,234,855	2,058,272	2,236,578
Capital Outlay	-	1,236,394	3,325,092	2,866,015	862,000
Debt Service	302,093	500,216	500,216	500,216	414,378
Total Expenditures	4,888,607	6,857,980	8,961,111	8,208,579	6,524,632

\*Sums may have discrepancies due to rounding

Activity Number: 7303  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Maintains and operates the sanitary landfill at the Resource Recovery Facility (RRF) for use by the City refuse operation and private individuals and businesses from the City. Diverts and processes greenwaste and construction and demolition debris. Ensures that the landfill meets all local, state, and federal regulatory requirements. Operates and performs field maintenance on equipment used at the landfill. Funds the Household Hazardous Waste Drop-Off site through a contract with the County.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	2,161,955	2,244,635	2,244,635	2,156,910	2,407,969
Services, Supplies, and Other Charges	1,493,037	2,052,791	2,073,652	1,901,359	2,145,370
Capital Outlay	25,870	342,000	342,000	242,333	175,000
Debt Service	862,127	871,919	871,919	873,276	805,676
Total Expenditures	4,542,988	5,511,345	5,532,206	5,173,878	5,534,015

\*Sums may have discrepancies due to rounding



# Recycling Program - Processing

Activity Number: 7304  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Operates and maintains the recycling drop-off and processing center at the City Resource Recovery Facility. Accepts, sorts, and processes recyclable items, such as newspapers, metals, glass, appliances, plastics, etc., and sells materials to commercial markets.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	976,358	1,001,408	1,001,408	1,026,814	1,058,453
Services, Supplies, and Other Charges	685,329	810,094	810,094	808,989	818,782
Capital Outlay	111,206	-	-	-	-
Total Expenditures	1,772,893	1,811,502	1,811,502	1,835,803	1,877,235

\*Sums may have discrepancies due to rounding

# Resource Recovery Collection - Cart

Activity Number: 7305  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Responsible for collection of refuse, recycling, and organic materials from customers using carts.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	1,200,234	1,202,267	1,202,267	1,237,220	1,287,557
Services, Supplies, and Other Charges	872,012	1,089,056	1,089,056	952,631	1,003,243
Capital Outlay	-	-	-	-	32,000
Debt Service	656,215	637,120	637,120	623,920	590,710
Total Expenditures	<u>2,728,461</u>	<u>2,928,443</u>	<u>2,928,443</u>	<u>2,813,771</u>	<u>2,913,510</u>
<b>ACTIVITY RESOURCES:</b>					
Grants	<u>45,000</u>	-	-	160,000	-
Total Resources	<u>45,000</u>	-	-	160,000	-

# Waste Reduction

Activity Number: 7306  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Promotes waste reduction to meet City and State goals through public information and education programs about solid waste source reduction, reuse, recycling, household hazardous waste disposal, composting, pollution prevention, and related areas.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	252,023	265,369	265,369	188,454	249,871
Services, Supplies, and Other Charges	101,480	157,100	189,300	158,544	175,236
Total Expenditures	<u>353,503</u>	<u>422,469</u>	<u>454,669</u>	<u>346,998</u>	<u>425,107</u>
<b>ACTIVITY RESOURCES:</b>					
Grants	8,445	16,352	30,500	16,557	16,000
Rents, & Misc Revenues	31	-	-	-	-
Total Resources	<u>8,476</u>	<u>16,352</u>	<u>30,500</u>	<u>16,557</u>	<u>16,000</u>

\*Sums may have discrepancies due to rounding

Activity Number: 7307  
 Fund(s): Refuse (731)  
 Department: Public Works

## ACTIVITY SUMMARY

**Activity Description:**

Responsible for the regular sweeping to remove refuse and debris from streets and bike paths within the commercial and residential areas of the City in order to reduce litter, rodents, and water pollution, and to promote safety.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	430,341	450,467	450,467	422,743	486,628
Services, Supplies, and Other Charges	173,139	226,223	226,223	184,984	221,965
Capital Outlay	-	310,000	332,000	321,154	120,000
Debt Service	-	69,300	69,300	69,300	69,300
Total Expenditures	603,479	1,055,990	1,077,990	998,181	897,893

\*Sums may have discrepancies due to rounding

# Off-Street Parking

Activity Number: 7401  
 Fund(s): Parking (741)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Provides for the management, security, maintenance, enforcement, and collection of all parking meters, garages, and public parking lots within the Downtown Parking District. Directs and administers activities such as bicycle parking, permit programs, lot signage, etc., within the district.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	2,218,981	2,176,687	2,176,687	2,266,298	2,326,027
Services, Supplies, and Other Charges	980,196	1,368,442	1,368,629	1,281,275	1,408,222
Capital Outlay	111,010	88,300	93,588	70,500	28,000
Debt Service	501,702	460,779	460,779	460,779	423,167
Total Expenditures	<u>3,811,889</u>	<u>4,094,208</u>	<u>4,099,683</u>	<u>4,078,852</u>	<u>4,185,416</u>
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	-	20,000	20,000	20,000	-
Rents, & Misc Revenues	23	3,000	3,000	3,000	-
Total Resources	<u>23</u>	<u>23,000</u>	<u>23,000</u>	<u>23,000</u>	<u>-</u>

# Storm Water Management

Activity Number: 7501  
 Fund(s): Storm Water (751)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

Provides funding for various engineering, design, and management services required for implementation of the San Lorenzo River flood control projects, and for federal and state mandated storm water pollution prevention programs.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	96,724	114,254	114,254	111,679	116,487
Services, Supplies, and Other Charges	161,835	582,708	607,548	213,390	688,343
Debt Service	207,237	210,697	210,697	37,467	197,387
Total Expenditures	<u>465,797</u>	<u>907,659</u>	<u>932,499</u>	<u>362,536</u>	<u>1,002,217</u>
<b>ACTIVITY RESOURCES:</b>					
Grants	29,311	-	-	-	-
Total Resources	<u>29,311</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

# Storm Water Overlay Debt Service

Activity Number: 7540

## ACTIVITY SUMMARY

Fund(s): Storm Water Overlay (752)

Department: Public Works

**Activity Description:**

Funds principal and interest payments on issued debt.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Debt Service	189,929	193,101	193,101	34,338	180,901
Total Expenditures	189,929	193,101	193,101	34,338	180,901

\*Sums may have discrepancies due to rounding

# Mechanical Maintenance

Activity Number: 7831

## ACTIVITY SUMMARY

Fund(s): Equipment Operations (811)

Department: Public Works

### Activity Description:

Responsible for furnishing maintenance services for City-owned vehicles and mechanical equipment. This activity is supported through vehicle maintenance charges to user departments.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Personnel Services	969,494	1,060,818	1,060,818	1,001,826	1,119,262
Services, Supplies, and Other Charges	2,271,463	2,453,300	2,446,800	2,182,355	2,288,406
Capital Outlay	-	15,000	21,500	15,000	-
Total Expenditures	<u>3,240,957</u>	<u>3,529,118</u>	<u>3,529,118</u>	<u>3,199,181</u>	<u>3,407,668</u>
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	<u>40,886</u>	<u>45,250</u>	<u>45,250</u>	<u>33,500</u>	<u>41,000</u>
Total Resources	<u>40,886</u>	<u>45,250</u>	<u>45,250</u>	<u>33,500</u>	<u>41,000</u>



Activity Number: 7832  
 Fund(s): Equipment Operations (811)  
 Department: Public Works

ACTIVITY SUMMARY

Activity Description:

Plans, coordinates and manages radio communications systems for all City departments. Responsibilities include administration of the equipment maintenance contract, reassignment of equipment from one department to another and review of the compatibility of new radio purchases with existing systems in the City.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	10,602	13,100	13,100	13,100	11,700
Capital Outlay	-	10,000	10,000	10,000	20,000
Total Expenditures	10,602	23,100	23,100	23,100	31,700

\*Sums may have discrepancies due to rounding

# Employee Commute Van

Activity Number: 7833

## ACTIVITY SUMMARY

Fund(s): Equipment Operations (811)

Department: Public Works

### Activity Description:

A grant provided by the Monterey Bay Unified Air Pollution Control District was used to purchase an employee commute van and a number of City employees have formed a van pool and pay the costs for the operation and maintenance of the van in an effort to reduce pollution and traffic.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	7,899	12,456	12,456	2,768	2,818
Total Expenditures	<u>7,899</u>	<u>12,456</u>	<u>12,456</u>	<u>2,768</u>	<u>2,818</u>
<b>ACTIVITY RESOURCES:</b>					
Charges for Services	3,703	3,700	3,700	4,000	4,100
Total Resources	<u>3,703</u>	<u>3,700</u>	<u>3,700</u>	<u>4,000</u>	<u>4,100</u>

# Pool Vehicles

Activity Number: 7836  
 Fund(s): Equipment Operations (811)  
 Department: Public Works

## ACTIVITY SUMMARY

### Activity Description:

This activity accounts for costs associated with pool vehicles.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	38,223	41,783	41,783	35,537	37,450
Total Expenditures	<u>38,223</u>	<u>41,783</u>	<u>41,783</u>	<u>35,537</u>	<u>37,450</u>

Activity Number: 7837  
 Fund(s): Equipment Operations (811)  
 Department: Public Works

**ACTIVITY SUMMARY**

**Activity Description:**

The City has a cooperative agreement to provide fuel to Santa Cruz City Schools. This activity accounts for the costs and payments from City Schools for the fuel.

	Fiscal Year 2014 Actuals	Fiscal Year 2015			Fiscal Year 2016 Adopted
		Adopted Budget	Amended Budget	Estimated Actual	
<b>EXPENDITURES BY ACTIVITY:</b>					
Services, Supplies, and Other Charges	47,871	42,725	42,725	40,000	40,000
Total Expenditures	<u>47,871</u>	<u>42,725</u>	<u>42,725</u>	<u>40,000</u>	<u>40,000</u>

\*Sums may have discrepancies due to rounding

# Public Works

## Capital Projects

Fund	Project Number	Project Title	Fiscal Year	Fiscal Year
			2015 Estimated	2016 Adopted Budget
<b>Gas Tax Fund</b>				
221	c401103	Bay/High Intersection Improvements	648,110	-
221	c401303	Beach/Cliff Traffic Signal	230,000	-
221	c400035	Beach/Pacific (Wharf) Intersection Roundabout	2,324,113	-
221	c401001	Branciforte Creek Bike/Pedestrian Bridge	2,809,618	-
221	m401302	Bridge Maintenance	200,000	-
221	c401302	Broadway/Riverside Intersection Pedestrian Improvements	75,000	-
221	c401210	Chestnut St Slip Out - Phase 2	240,640	-
221	c401013	Citywide Streetlight LED Retrofit-Phase 4	724,706	-
221	c401602	Citywide Traffic Signal Controller Upgrade	-	165,000
221	c401113	Gault School Sidewalk Infill	15,193	-
221	c409321	Murray Street Bridge Seismic Retrofit and Barrier Rail	9,220,286	-
221	c401104	Ocean/Broadway Intersection Study	75,000	-
221	c401410	Ocean/Water Intersection Improvements	600,000	150,000
221	c401202	River/River Street South Intersection Study	175,000	-
221	c401105	Riverside/Second Intersection Improvements	174,705	-
221	c400058	San Lorenzo River Trestle Bridge Connections Project	544,769	-
221	c401003	Soquel/at Frederick Minor Widening	322,066	-
221	c400804	Soquel/Park Way Traffic Signal Improvements	67,295	-
221	c401402	State Route 1 Bridge Replacement	1,350,000	-
221	c400805	State Route 1/9 Intersection Improvements	5,431,303	-
221	m400819	West Cliff Drive Multi-use Path Pavement Rehabilitation	549,263	-
221	c401211	Westlake School Pedestrian Safety	445,672	-
<b>Total Gas Tax Fund</b>			<b>26,222,739</b>	<b>315,000</b>
<b>Clean Rivers, Oceans, &amp; Beaches Fund</b>				
235	c401414	Clean Beach Initiative - Cowell Beach	953,654	-
235	c401415	Downtown Parking Lot #9 LID Retrofit	198,907	-
235	c401603	Harvey West Ball Field Drainage Design	-	30,000
<b>Total Clean Rivers, Oceans, &amp; Beaches Fund</b>			<b>1,152,561</b>	<b>30,000</b>

# Public Works

## Capital Projects

Fund	Project Number	Project Title	Fiscal Year	Fiscal Year
			2015 Estimated	2016 Adopted Budget
<b>General Capital Improvement Fund</b>				
311	c401401	Arana Gulch Connection - Agnes St	405,295	-
311	c401319	Arana Gulch Multi Use Trail - Broadway/Brommer	2,003,744	-
311	c401507	Bay Drive Storm Damage Repair	175,000	-
311	c401610	Catch Basin Replacement Program	-	70,000
311	c401505	Chestnut Street Storm Drain Replacement	50,000	-
311	c401308	Curtis Storm Drain - Phase 1	10,000	150,000
311	c401309	East Cliff Emergency Repair at Alhambra Ave	149,500	-
311	c401611	Front-Pacific Historic Wall Repair	-	250,000
311	c401513	Green Lane Pilot Project	30,000	50,000
311	c401418	LED light replacement (citywide)	63,741	150,000
311	c401419	LED light replacement (Laurel, Soquel)	50,547	-
311	c401301	Market Street at Goss Minor Widening	200,000	-
311	c401413	MB Sanctuary Scenic Trail (Rail Trail) Segment 7	800,000	-
311	c401004	Mission Street Hill Utility Undergrounding	322,623	-
311	c401503	Neary Flood Control Pump Station-Steel Pipe Replacement	50,000	-
311	c401417	Ocean St Adaptive Signal Control	414,000	-
311	c401411	Ocean Street Beautification	1,481,921	-
311	c401506	Pacific Avenue Streetlight Replacement	145,000	-
311	c401609	Pedestrian Crosswalk Safety Projects	-	100,000
311	c401310	Radar Speed Feedback Signs	63,000	-
311	c401208	Riverside Ave Utility Underground Phase II	3,814,621	1,650,000
311	c401612	Sidewalk and Access Ramp Program	-	182,436
311	c401420	Sinkhole Repair - W Cliff & Woodrow	29,297	-
311	c401601	Streetlights-555 Pacific to Roundabout	-	-
311	c401307	Trevethan Storm Drain Project - Phase 1	10,000	-
311	c401212	UCSC Smart Bike Lockers	74,861	-
311	c401008	UCSC-City Transportation Improvements & Studies	250,000	-
311	c401009	UCSC-City-Clue Public Transportation System Planning	99,040	-
311	c401501	West Cliff Drive Revetment Repair	-	75,000
311	m401402	West Cliff Stair Repair at Indicators	141,500	-
<b>Total General Capital Improvement Fund</b>			<b>10,833,690</b>	<b>2,677,436</b>

# Public Works

## Capital Projects

Fund	Project Number	Project Title	Fiscal Year 2015 Estimated	Fiscal Year 2016 Adopted Budget
<b>Arterial Streets &amp; Roads Fund</b>				
317	c400809	City Arterial and Collector Street Reconstruction and Overlay	11,218,057	5,000,000
317	c400810	City Residential and Collector Street Reconstruction and Overlay	2,679,230	2,300,000
<b>Total Arterial Streets &amp; Roads Fund</b>			<b>13,897,287</b>	<b>7,300,000</b>
<b>Wastewater Fund</b>				
721	c401406	Eastside Alley Sewer Project	50,000	950,000
721	m401404	Fair Ave Sewer Lining	595,500	-
721	m401403	Hagemann Aerial Sewer Rehabilitation	175,000	-
721	c409669	Jesse Street Marsh	133,881	-
721	c401305	Ladera Drive Sewer	-	400,000
721	m409668	Neary Lagoon Park Rehab-Improvements	601,953	250,000
721	m401601	Pump Station P11-SP101 Modifications	-	200,000
721	c401315	San Lorenzo River Sanitary Sewer Siphon	326,546	-
721	c401511	Sewer System Improvements	600,000	600,000
721	c401608	Wastewater Treatment Facility - Laboratory Modernization	-	250,000
721	m401201	Wastewater Treatment Facility Centrifuge Rebuild	949,103	400,000
721	m401303	Wastewater Treatment Facility Secondary Clarifier Repairs	391,165	200,000
721	c401605	Wastewater Treatment facility-Bioassay Laboratory	-	300,000
721	c401510	Wastewater Treatment Facility-County Odor Control System	-	120,000
721	m409659	Wastewater Treatment Plant Equipment Replacement	1,333,385	480,000
721	c401607	WWTF - Upgrade Digester Equipment	-	100,000
721	c401407	WWTF Water Piping Rehabilitation	100,000	-
721	c401604	WWTF-Reclaim Water	-	250,000
<b>Total Wastewater Fund</b>			<b>5,256,533</b>	<b>4,500,000</b>
<b>Refuse Fund</b>				
731	c401613	CNG Fueling Station and Fleet Maintenance Shop Safety Improvements	-	90,000
731	c401312	Dimeo Lane Paving and Storm Drain	65,294	-
731	c401204	Food Waste Collection and Conversion	77,654	-
731	c400046	Landfill Design/Construction	2,598,055	-
731	c401205	Recycling Center Dust Control	19,567	-
731	c401512	Sanitation Building Shower/Locker Room Expansion	150,000	-
<b>Total Refuse Fund</b>			<b>2,910,570</b>	<b>90,000</b>

# Public Works

## Capital Projects

Fund	Project Number	Project Title	Fiscal Year 2015 Estimated	Fiscal Year 2016 Adopted Budget
<b>Parking Fund</b>				
741	c400053	Downtown Parking Structure	1,500,000	-
741	c400007	Lot 7, Front/Cathcart Reconstruction	603,962	-
741	c401508	River-Front and Cedar Garages Deck Restoration	350,000	500,000
741	c401509	River-Front Garage Elevator	250,000	-
741	c401311	River-Front Parking Structure Improvements	140,044	-
<b>Total Parking Fund</b>			<b>2,844,006</b>	<b>500,000</b>
<b>Storm Water Overlay Fund</b>				
752	c401314	San Lorenzo River Levee Storm Drain Maintenance	149,000	-
752	c401207	San Lorenzo River Pump Station #2	135,741	-
752	c409512	SLR Flood Control Restoration and Beautification Project	529,190	-
752	c401416	SLR Parkway Levee Improvements	525,741	-
<b>Total Storm Water Overlay Fund</b>			<b>1,339,672</b>	-
<b>Total Public Works Projects</b>			<b>64,457,058</b>	<b>15,412,436</b>