

About the Department

The **Public Works Department** is comprised of five divisions that oversee eight separate budget programs. These divisions include Administration, Engineering, Maintenance, Solid Waste & Environmental, and the Capital Improvement Program. While the department is comprised of approximately 23 budgeted full time positions, a majority of the services provided are performed using contract labor. This provides the flexibility to meet peak service demands without increasing ongoing personnel costs.



Public Works Department



Public Works Maintenance Crew

The **Administration Division** oversees the overall functioning of the Public Works Department. The division coordinates responses to public works inquiries and service requests, oversees the special event and film permit programs, monitors and manages the department's budget activities, and provides support to other department divisions.

The **Engineering Division** provides management and oversight for engineering design, construction, and maintenance of the City's infrastructure. The division implements the Pavement Rehabilitation Program, which provides for annual pavement rehabilitation and concrete repairs. This division oversees the paratransit service program, coordinates transportation planning, reviews all traffic concerns, issues and inspects encroachment permits for work within the public right of way, and processes transportation permits. The division also provides support to the Building and Planning Department on private land development projects, including engineering reviews, surveys, utility coordination and environmental inspections.

This division also administers the Street Lighting Program which provides funding for payment of the ongoing energy costs associated with the City's street lights and highway safety lights at signalized intersections. The ongoing maintenance and repair of SCE-owned street lights is currently performed by Southern California Edison (SCE). In FY 2016-17 the City Council approved the purchase of the street lighting system from SCE. If the California Public Utilities Commission (CPUC) approves the sale, SCE and the City will enter into a transition phase of assets during FY 2017/18. The City will be responsible for the ongoing maintenance and repair of all acquired street lights.

The **Street Maintenance Division** is responsible for maintaining the City's infrastructure and administering the maintenance programs for Streets, Facilities, Parks and Open Spaces, and fleet vehicles. The Street Maintenance program includes right-of-ways, sidewalks, bikeways, signage, traffic signals, pavement markings, shoulder areas, parkways, street trees, medians, storm drain inlets, certain storm channels and storm drains. The division oversees numerous service contracts with licensed contractors who perform a large portion of these services such as street sweeping and concrete grinding.

This division participates in the annual street rehabilitation program in partnership with Engineering including the design and construction of street repairs and the implementation of pavement preservation strategies. The division administers the concrete grinding program to eliminate trip hazards and coordinates street improvement projects with local utilities to reduce trench cutting after pavement improvements.

The Parks and Open Spaces Program is responsible for the ongoing maintenance and improvements of the City's 167 acres of parkland and 311 acres of open spaces, totaling approximately 478 acres. The program provides for maintaining all landscaped medians and over 6500 trees within the City parks. The Division includes park tree maintenance, support of the Public Tree Advisory Commission and works closely with Neighborhood Services on the implementation of the 20 year Recreation Needs Assessment.

The Facilities Maintenance Program provides for ongoing maintenance and improvement to all City-owned and/or leased buildings, such as City Hall, the Goleta Community Center, the Goleta Library, Stow Grove Park residence, Amtrak Station restroom, Goleta Historic Train Depot, the Stow House and associated structures. Regular maintenance of these facilities is performed by a combination of City and contract personnel.

The **Solid Waste & Environmental Services Division** manages the City's solid waste, recycling and storm water management programs in compliance with State of California requirements. This division coordinates trash and recycling collection services, oversees the City's Storm Water Management Program and various service contracts for water quality monitoring, testing and educational outreach. The program also works with regional jurisdictions to evaluate and develop alternative solid waste management strategies.

The **Capital Improvement Program Division** administers the City's Capital Improvement Program (CIP) and the Goleta Transportation Improvement Program (GTIP). This includes identifying needs, developing projects to satisfy those needs and developing appropriate funding strategies. City infrastructure improvements include projects such as roads, bridges, buildings, parks and playgrounds, etc.

CIP staff apply for grant funding for the engineering design and construction of projects, administer those grants once awarded, and manages each project from concept through construction and final closeout. Heading into the new fiscal year, this division is managing 45 projects estimated at \$137 million. The division also administers various construction and professional consulting contracts for traffic modeling, planning, design, engineering, surveying, construction management and project management services.

As part of the transportation planning and traffic engineering functions, this Division also oversees transportation related policy development, updates of the travel model forecasts, signal design and timing, traffic and parking studies, safe routes to schools, and establishment of complete streets that serve all modes of transportation.

Year in Review

In FY 2015/16 an operational and organizational assessment of the Public Works Department identified the need for additional employees to support the department's ever increasing work volume. The department began implementing those recommendations and hired a Sr. Office Specialist and two Maintenance Worker II crew members. In FY 2016/17 additional hires included an Assistant Engineer, Senior Engineering Technician and Maintenance Worker I. Recruitments were conducted to fill vacancies for a Deputy Public Works Director and Traffic Engineer. The department retained a consulting organization to assist with project management, engineering support and coordination between City staff and professional services contractors.

In FY 2016/17, the CIP Division completed several improvement projects. These included the Maria Ygnacio Bike Path Lighting, Hollister Avenue High Intensity Activated Crosswalk (HAWK signal), pedestrian crossing improvements at Hollister and Orange Avenues, Goleta Community Center Path Lighting (aka Pedestrian Pathway and Lighting at the Boys & Girls Club), and Evergreen Park Tennis Courts Repair projects. The Cathedral Oaks Landscaping project and Ward Drive Class II Bike Lanes projects are currently in construction and will be completed by the end of June.



Old Town Crosswalk Improvements



Evergreen Tennis Court Resurfaced

The City of Goleta is committed to projects that benefit the pedestrian and cycling community. Staff is continuing ongoing work on bicycle, pedestrian and transportation improvement projects with \$1.06M in grant funds awarded in FY 2015/16. In FY 2016/17, the City initiated a Bicycle/Pedestrian Master Plan (BPMP), conducted six community workshops and received over 1,600 responses from a survey to gather public input. Staff kicked-off the Hollister Avenue Complete Streets project holding workshops on April 13 and a combined Walking and Biking Tour of Old Town Goleta on May 6. Staff is also kicking-off the Old Town Sidewalk Improvement project and will be holding community meetings in the next months. Community outreach for the Complete Streets and Old Town Sidewalk project will continue into the next fiscal year. In addition, projects in design include the San Jose Creek Bike Path Middle Extent, San Jose Creek Bike Path Southern Extent, crosswalk improvements at Hollister Avenue and Chapel Street and Calle Real and Kingston Avenue, and various sidewalk infill and school crosswalk improvements. Additionally, construction was started for the Hollister Avenue Class 1 Bikeway project and is anticipated to be completed in the Fall of 2017.

Staff also submitted a \$225,000 grant application for a Traffic Safety Study to evaluate systemic safety concerns along our major arterials.

The Engineering Division responded to numerous requests for improvement plan checks, subdivision map checks and land use permit clearances for development projects in coordination with the Planning Department. The division issued numerous encroachment and transportation permits and reviewed all traffic requests. In 2016, the City submitted the Dam EAP and the National Flood Program Community Rating System (CRS) application to FEMA. The City anticipates acceptance into the CRS following completion of the Community Assistance Visit (CAV) in July 2017. The department initiated the Street Saver Program, a comprehensive pavement management system. A traffic sign inventory and retro-reflectivity assessment was conducted to assist the City in planning sign replacements in order to meet requirements of the California Manual on Uniform Traffic Control Devices (MUTCD).

In FY 2016/17, the Maintenance Division completed improvements at the Goleta Library, Community Center, and Stow House, and began much needed renovations of the ranger's

residence at Stow Grove Park. Studies were conducted and workshops held to address infrastructure and facility management of the Goleta Valley Community Center (GVCC). The Parks and Opens Spaces Division revised the Goleta Urban Forest Management Plan in cooperation with the Public Tree Advisory Commission.

The Solid Waste and Environmental Division conducted a review of the Solid Waste Franchise Agreement rate setting methodology, initiated a community beautification and street sweeping program in Old Town, and organized and participated in five Beautify Goleta clean-up events.

The El Nino storms that didn't materialize in 2016 showed up in force on January and February 2017. Repair of potholes and road surfaces is ongoing. Although the City had made preparations in advance, these storm events caused considerable damage to street surfaces and infrastructure including the San Jose Creek Channel, where a capacity improvement and fish passage project was recently completed in 2015. Portions of the flood control channel were damaged due to the storm's intensity and the City has pending damage claims to FEMA/State OES/County OEM for the funding of repairs. In addition, Cathedral Oaks Road was closed between Winchester Canyon Road and Calle Real over concerns about the integrity of the crib walls which hold up the road. The City is conducting geotechnical work to determine the options for repair or replacement of the wall.

On the storm's positive side, Lake Los Carneros is now healthy again after suffering from severe drought over the past six years. The storm cleanup and preparation work done in 2016 by the California Conservation Corps (CCC) was instrumental in preventing additional flood damage in Devereaux Creek, the San Jose Creek Channel and Covington drainage area by removing debris and mud to improve water flow.



2017 Storm



Covington Bridge Replacement

FY 2016/17 Accomplishments

Administration

- Responded to all public inquiries and citizen service requests
- Processed and issued 28 special event permits and 6 film permits
- Published annual report
- Hosted a multi-agency public outreach community event
- Issued a special event permit for Goleta's first-ever Christmas parade in Old Town

Engineering

- Filled the vacant Assistant Engineer position and hired a Sr. Engineering Technician
- Issued and inspected approximately 336 encroachment permits
- Processed 1 improvement plan check, 1 lot line adjustment and 3 subdivision map checks on 1 major land development project
- Reviewed 52 planning projects and inspected 3 major construction projects
- Administered 8 professional services contracts for assistance with the review of Land Development and CMIT for the FY 2016-17 Miscellaneous Concrete Repair project
- Completed the Miscellaneous Concrete Repair project
- Awarded the FY 2016/17 Pavement Rehabilitation project to repair 10 arterial street sections
- Completed the National Flood Program Community Rating System (CRS) application to FEMA and continued work towards the Community Assistance Visit (CAV) for acceptance into the CRS
- Completed the DAM EAP
- Worked with SBCAG on initiating changes to the California Road System Street Functional Classification
- Completed the Engineer's Assessment Report for public hearing to establish rates for the street lighting program
- Evaluated the purchase of street lights based on the SCE street light assessment report and grant/financing options to retrofit to energy efficient LEDs
- Initiated a Hollister Avenue Complete Streets public outreach including community workshops and surveys
- Assisted in the review of future MTD transit improvements and schedule changes

Solid Waste & Environmental

- Submitted Storm Water Management Plan Annual Report
- Conducted a review of the Solid Waste Franchise Agreement Rate setting methodology
- Participated in community environmental activities including creek and coast cleanup programs

- Initiated a Beautify Goleta clean-up and street sweeping program; held five community beautification events in Old Town and collected over 30 tons of material
- Represented City on the Tajiguas Resource Recovery project
- Brought Material Delivery Commitment and Processing Services Agreement between the County of Santa Barbara and the City of Goleta to Council for approval
- Conditioned development projects and reviewed project submittals for compliance with stormwater and solid waste regulations
- Conducted stormwater outreach and site-visits to local businesses
- Represented City on Local Solid Waste Task Force and Santa Barbara County Association of MS4 Managers
- Purchased and deployed 10 additional public refuse/recycling receptacles
- Increased business participation in the food waste collection program by 6%
- Brought Memorandum of Understanding with the County for participation in developing and implementing a Prop. 1 Integrated Stormwater Resource Plan to Council for approval
- Continued 100% participation in storm water outreach and education programs

Maintenance - Streets, Facilities, Fleet, Parks & Open Space

Streets

- Conducted a traffic sign inventory and retro-reflectivity assessment
- Maintained City street pavement conditions according to a standardized Pavement Management System indexes
- Initiated pavement repairs estimated at \$3.6 Million
- Completed annual sidewalk inspection
- Replaced damaged concrete sidewalks, curbs, gutters to meet City's ADA transition plan
- Installed 48 new concrete access ramps to meet ADA standards
- Completed conversion of arterial street name signs to meet MUTCD standards
- Repaired most potholes within 24 hours of notification or observance
- Replaced traffic signal pole and vehicle detection camera at Maravilla that were damaged in a vehicle collision
- Planted 15 trees; trimmed or removed 2,500 street trees
- Managed oversight of 2,382 miles of street sweeping with over 1,000 cubic yards of debris swept off of streets
- Repaired over 1,000 feet of bike path on north side of Cathedral Oaks west of Los Carneros
- Repaired a sink hole on Carlisle Drive
- Repaired sunken roadway on Alameda Drive
- Installed 770' of protective chain link fencing around damaged crib wall area

Parks & Opens Spaces

- Completed revisions to the Urban Forest Management Plan with the Public Tree Advisory Committee
- Conducted 676 park safety inspections and 730 park restroom building cleanings
- Responded to 175 parks and open space service order requests
- Mowed 235 acres of park turf and maintained 200 acres of open space
- Planted 5 new park trees and trimmed, removed or ground stumps of 50 park trees
- Maintained and enhanced urban forest, parks, and parks facilities
- Installed 900 feet of split rail fencing at Stow Grove Park
- Added two additional pickup trucks to Maintenance Fleet

Facilities

- Completed 10% of the long-range facility maintenance plan by implementing improvements at the Goleta Library, Goleta Community Center and Stow House
- Replaced three brick chimneys on Stow House
- Resurfaced circular driveway around Stow House
- Responded to 80 facility service and repair requests
- Responded to two separate water leaks at GVCC with mold remediation
- Cleared the Ranger House area of weeds and unwanted plants plus secured the building
- Repaired and saved seven antique doors at the GVCC

Capital Improvement Program

- Implemented recommendations of operational and organizational assessment of the Public Works Department
- Retained a consulting organization to assist with project management, engineering support and coordination between City staff and professional services contractors
- Recruited to fill vacancies for Deputy Public Works Director and Traffic Engineer
- Submitted a project application for disaster assistance following storm events resulting in damaged infrastructure
- Continued ongoing bicycle, pedestrian and transportation improvement projects with grant funds awarded in FY 2015/16
- Received an additional \$1.1 M in grant funding for 7 new projects in FY 2016/17
- Held seven community workshops and completed two separate surveys for the Bicycle Pedestrian Master Plan (BPMP) and Hollister Avenue Complete Streets
- Continued work on the Old Town Sidewalk Infill project
- Initiated construction of the Hollister Class I Bike Path project
- Initiated preliminary engineering on the San Jose Creek Bike Path Southern Extent project
- Completed the following projects:
 - Maria Ygnacio Creek Bike Path Lighting
 - Hollister Avenue Crosswalk High Intensity Activated Crosswalk (HAWK)

- Hollister Avenue Crosswalk Enhancements at Orange Avenue
- Pedestrian Pathway and Lighting at the Boys & Girls Club and GVCC
- Evergreen Park Tennis Courts Repair/Resurface
- Ward Drive Class II Bike Lanes (June 2017)
- Cathedral Oaks Landscaping (June 2017)

Looking Forward in FY 2017/18

The City of Goleta continues to invest in capital improvement projects and is dedicated to excellent public service through maintenance and infrastructure projects that benefit the City and its residents. With 69 active Capital Improvement projects, consultants continue to be of assistance with project management, engineering support and coordination between City staff and professional services contractors.

The Public Works Department continues to implement a comprehensive long range facility maintenance plan including improvements at the Goleta Library and Community Center, repair and maintenance work at the Stow House, Stow Park Ranger House, upgrades of signalized intersections, and continuation of the Asset Management Survey & Program. Upon CPUC approval, the City will work with SCE to transfer the streetlight system from SCE to the City. The Engineering Division continues to seek grant funding to retrofit all City street lights to energy efficient LED lighting fixtures. Final design of an Old Town Park was approved by City Council.

Grants awarded in the previous fiscal year will provide funds for ongoing bicycle, pedestrian and transportation improvement projects. Grant funded projects include:

- Old Town Sidewalk Improvement project
- Bicycle Pedestrian Master Plan – Phase 2
- Sidewalk infill project on the east side of Fairview Avenue south of Stow Canyon Road, as well as new street light and curb ramps at the intersection of Fairview/Stow Canyon. This project will serve a major school route and surrounding land uses including Fairview Gardens.
- Sidewalk infill project at Fairview Avenue and northbound US 101 ramps
- HAWK signal at Calle Real and Kingston Avenue, and Rectangular Rapid Flashing Beacons at Hollister Avenue and Chapel Street.
- Improvements to signage and pavement markings in school areas throughout the City, including installing Rectangular Rapid Flashing Beacons at school crossings.

Capital Improvement projects in the final design and right-of-way phase include the Hollister Avenue Bridge Replacement and Ekwil Street Extension.

Street Improvements

- Continue Engineering & Traffic Studies for the Old Town Hollister Complete Streets Corridor project
- Complete design and initiate the construction of the Ekwill Street Extension project
- Complete a City-wide traffic model update
- New 101 Overpass in western Goleta – design and environmental
- Implement the first phase of Old Town Sidewalk Infill project
- Complete the design and initiate the construction of Hollister Avenue Bridge (San Jose Creek Phase II)
- Storke Road Widening Phelps Road to City Limits
- Hollister Widening Storke to 280 feet West of S. Glen Annie
- Cathedral Oaks Cribwall Repair
- LED Lighting project
- La Patera Road Overcrossing/Undercrossing – preliminary engineering
- Miscellaneous Facilities Improvements, Civic Center, and Fire Station No. 10
- Replant 450 street trees in the next two years
- Initiate pavement overlay and slurry seal projects

Bicycle and Pedestrian Improvements

- Establish a Bicycle / Pedestrian Master Plan
- Establish a Complete Streets Corridor Plan for Hollister Avenue
- Complete the Hollister Class I Bikeway
- Complete the Magnolia Avenue Sidewalk Infill project
- San Jose Creek Bike Path – South Segment and Middle Segment
- Old Town Sidewalk Improvement project (including Pine Avenue improvements)
- Hollister Avenue Crosswalk Enhancements at Chapel Street
- Crosswalk Improvements at Kingston Avenue and Calle Real
- Fairview Avenue Sidewalk Infill at Stow Canyon Road
- Fairview Ave at Calle Real / 101 Sidewalk Infill

Parks and Open Space Improvements

- Lake Los Carneros Aeration System
- Implementation of Revised Urban Forest Management Plan
- Replacement of aging play structures and installation of safety surfaces at City parks
- Reclaimed Water Service to Bella Vista and Evergreen Open Spaces
- Miscellaneous Park Improvements
- Butterfly Habitat Management and Inventory