

## City Manager's Weekly Update

April 7, 2017

### PUBLIC WORKS

#### **Engineering**

We began the Fall 2016 Surface Seal Project and Fall 2016 Overlay Project this week. Our surface seal contractor completed asphalt base repairs at the Shakespeare Santa Cruz parking lot, Park Way, and Rooney, Linden, Effey, Taylor, New, Maple, Washington, Almar, Seaside and Rankin streets. Overlay work completed this week consisted of removal of some existing concrete curb and gutter, curb ramps, and sidewalk on California Street.



Upcoming construction location maps and street schedule are available at [www.cityofsantacruz.com](http://www.cityofsantacruz.com). Surface seal work is expected to end on May 26 in time for Memorial Day Weekend and overlay work should conclude by the end of July. All work is funded with Measure H tax dollars.

The City Hall Campus Emergency Generator Replacement Project completed the first phase of construction this week. Ft. Bragg Electric has installed the underground electrical conduit and the conduit inside the ceiling of room 104. The concrete pad for the generator is ready with protective bollards and paving installed. Public Works Engineering has approved the final equipment submittals and equipment is on order. Construction will resume the week of April 24.

#### **Traffic Engineering**

At our Broadway Pedestrian Crossing Enhancement Project, all traffic islands have been installed at Cayuga, Pine, and Caledonia. One more island is to be installed at Pennsylvania once the new concrete structures are in place. The conduit servicing the new streetlight at Pennsylvania has been installed. Crews will be forming the new ramps and streetlight foundation at Pennsylvania and will be poured early next week.



### **Wastewater Operations And Maintenance**

Wastewater facility maintenance staff is continuing on an upgrade of three ozone odor control units. The extra spray nozzles (shown next to the cone in the photo) will increase our ability to reduce the amount of odors emanating from the sedimentation basins.

Maintenance and electrical staff have removed part of our secondary Cogeneration unit, including the cabling, and sent it out for repairs. This work is being completed after a third-party testing agency found the generator did not pass its annual loading test. We utilize this cogenerator during peak PG&E rate charging periods to offset our operational costs for electricity, from May 1 to October 31. Each year, by utilizing this system, we produce around 845,000 kilowatt-hours of electricity at a cheaper rate than what we would purchase it at, roughly three cents per kilowatt-hour versus a purchase rate of 15 cents per kilowatt-hour.



Work by operations, maintenance and electrical staff has begun on upgrading the Tunnel Portal Box (TPB) to accommodate bioassay equipment. The first photo below shows the temporary installation of an alternative pH and chlorine residual stilling well, to ensure we still meet permit requirements while the permanent TPB is upgraded.

Operations and environmental compliance staff receive delivery of the bioassay system and store it temporarily while the TPB is upgraded to accommodate this new piece of equipment. The bioassay experiment is used to measure the amount of toxins present in the wastewater effluent and how living organisms respond.

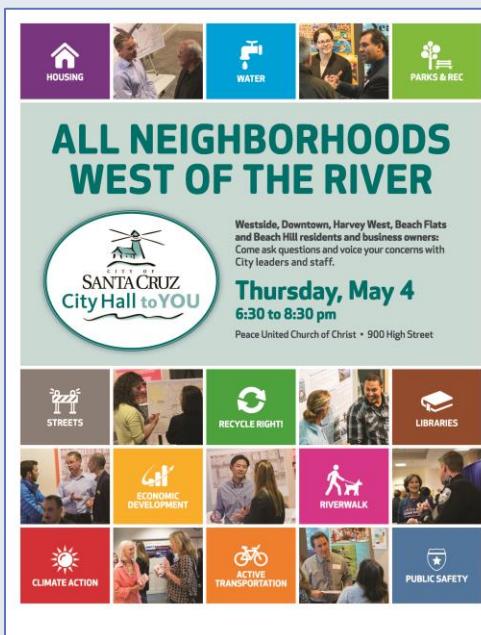


## **Community Relations**

We posted a new story in our SC Waves City Beat column: [New Riverwalk Features Enhance Safety and Revitalization](#).



We completed our poster for upcoming City Hall to YOU. This event provides an opportunity for all residents and business owners west of the San Lorenzo River to ask questions and directly converse with City leaders and staff. Please mark your calendar for this energizing event: Thursday, May 4, 6:30-8:30 p.m., Peace United Church, 900 High St.



We are happy to announce a \$5,000 sponsorship from AAA and \$1,000 from PG&E for our Street Smarts traffic safety campaign.