Santa Cruz County Regional Transportation Commission
Traffic Operations System (TOS)
Fact Sheet

Program Highlights

- ❖ **Detects and communicates roadway use and conditions**
- ❖ **Improves safety and provides travelers with information about conditions**
- ❖ **Located on highways**
- ❖ **Coordinated with Caltrans and the CHP**

Program Description

Santa Cruz County's transportation system runs more efficiently and safely due to a variety of Traffic Operation System (TOS) components. Caltrans installs, operates and maintains these systems and works in cooperation with the Santa Cruz County Regional Transportation Commission (RTC) and the California Highway Patrol to assure they are being used to the greatest benefit. Components include the following:

- ◆ **Changeable Message Signs (CMS)**: displays messages about roadway conditions (incidents, delays)
- ◆ **Dynamic Curve Warning Signs (in photo)**: broadcasts driver speeds and cautions drivers about safe speeds
- ◆ **Closed Circuit TV (CCTV) Cameras**: displays live traffic conditions online to public and Caltrans TMC - http://cruz511.org/drive/traffic-conditions/traffic-cameras/
- ◆ **Traffic Monitoring Stations**: obtains information about traffic speeds and counts
- ◆ **Traffic Management Centers (TMC)**: operators at the Oakland TMC and San Luis Obispo TMC control and operate the individual TOS components
- ◆ **Cruz511**: Displays real-time traffic speeds, construction zones, incidents reported to the CHP, CMS messages, Caltrans live traffic cameras, rideshare information and other transportation resources - http://cruz511.org/

What's New

The RTC has developed a web-based 511 traveler information service for Santa Cruz County called "Cruz511". The Cruz511 website is a one-stop-shop for traveler information in the county and includes a traffic map that displays many of Caltrans' traffic operations system features such as real-time

traffic speeds, incident information, construction zones and traffic cameras. Additional information available at Cruz 511.org includes trip planning tools, multimodal information, emergency alerts, locations of electric vehicle charging stations and park and ride lots and rideshare information. Launched in May 2015, the Cruz511 mobile responsive website is designed for viewing on smart phones, tablets and computers.