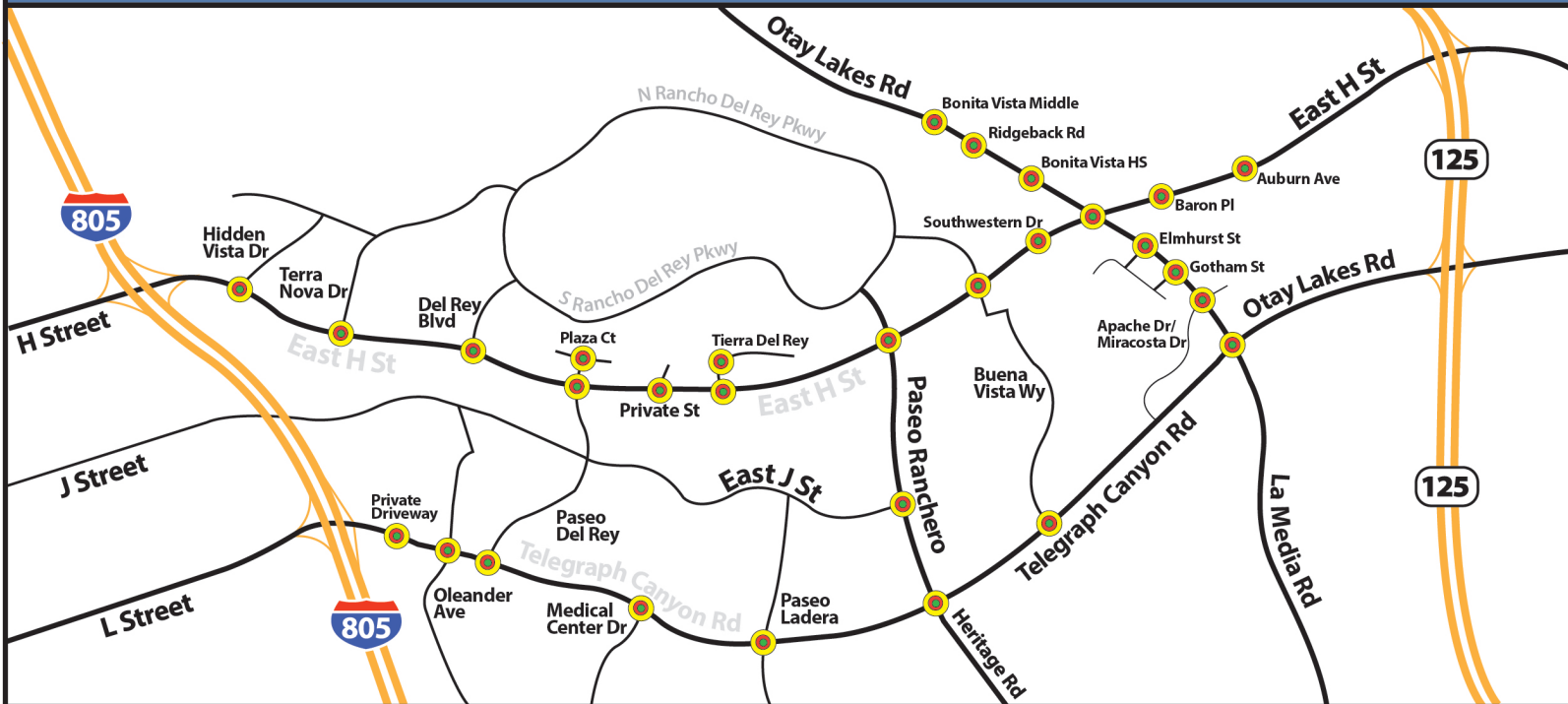


# ADAPTIVE TRAFFIC SIGNALS

## CITY OF CHULA VISTA EXPANSION OF ADAPTIVE TRAFFIC SIGNAL SYSTEM



CITY OF  
**CHULA VISTA**  
**LEADERS IN  
INNOVATION**

**In the fall of 2018, the City of Chula Vista upgraded 29 intersections along Telegraph Canyon Road, H Street, and Otay Lakes Road with adaptive traffic signal controllers.**

**T**hese smart traffic signal systems can “see” approaching vehicles from much farther away, and they can automatically adjust the duration of green and red light cycles based on real-time traffic patterns. The goal is to reduce travel times, improve safety, and to reduce emissions attributable to vehicles idling at red lights.

The adaptive control systems also have the capacity to interact with the vehicle-to-infrastructure technology that will support autonomous vehicles, better known as self-driving cars.

The city is now planning to expand adaptive traffic controls to other major corridors in the city, as outlined in the Traffic Signal Communications Master Plan adopted by City Council in 2017.

For more information, visit [chulavistaca.gov/smartcity](http://chulavistaca.gov/smartcity)