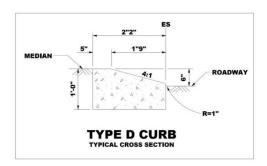
## Highway 1 Congestion Management Project Summary

Phase 1 and Phase 2 of the community-driven **Highway 1 Safety and Mobility Improvement Study** were adopted by the San Mateo County Board of Supervisors in 2010 and 2012, respectively. The studies focus on how to improve vehicular, pedestrian and bicyclist safety and mobility along the Highway 1 corridor in the Midcoast. Developed as part of these studies was a series options for raised medians, pedestrian crossings, left turn lanes and acceleration lanes at the following strategic locations: Mirada Road in Miramar, Cypress Avenue and Moss Beach Town Center in Moss Beach, 16<sup>th</sup> Street and Montara Town Center in Montara and Gray Whale Cove. In 2012, the County of San Mateo was successful in obtaining \$1.5 million in grant funding from the San Mateo County Transportation Authority to design and permit these projects. Project features are explained below.

## **Raised Medians**

Raised medians are physical structures that divide lanes of traffic and provide traffic calming by notifying drivers of a change in context, encourage reduced speeds, physically restrict and channelize turning movements and act as a refuge for crossing pedestrians. Per Caltrans standards, raised medians must have an inside shoulder width of 2 feet and outside shoulder width of 8 feet as well as be well lit. Due to Highway 1's speed limit, Type D Curb (below) medians will be required.



## **Street Lights**

Streetlights to provide nighttime illumination are required at all locations where a pedestrian crossing and raised median are proposed. Streetlights provide critical benefits including increasing sight distance and visibility of obstacles in the roadway. They also increase highway safety by reducing fatal crashes by as much as 60% and accidents at rural intersections by as much as 35%. These lights can be equipped with LED fixtures and shields to focus the light on the roadway and minimize light impacts on surrounding areas.

## **Pedestrian Crossings**

Pedestrian crossings are proposed at six locations throughout the Midcoast: Mirada Road, Cypress Avenue, California and/or Virginia Avenue, 16<sup>th</sup> Street, 7<sup>th</sup> Street, 2<sup>nd</sup> Street and Gray Whale Cove. The project proposes two forms of pedestrian crossings; an at-grade crossing with pedestrian activated flashing beacons to notify drivers when a pedestrian is crossing or an at-grade pedestrian crossing with a refuge on a raised median to allow crossing pedestrians to cross one lane at a time. In Alternative 3 for the Moss Beach Town Center, a 2 Stage pedestrian crossing is proposed.