

Highway 1 Congestion and Safety Improvement Project

Project Update

July 31, 2014

Highway 1 Congestion & Safety Improvement Project



SAN MATEO COUNTY
**Transportation
Authority**



Agenda

- Introduction of the Project
- Project Scope
- Project Update
- Project Schedule
- Questions



Introduction of the Project

➤ Project Purpose and Goals

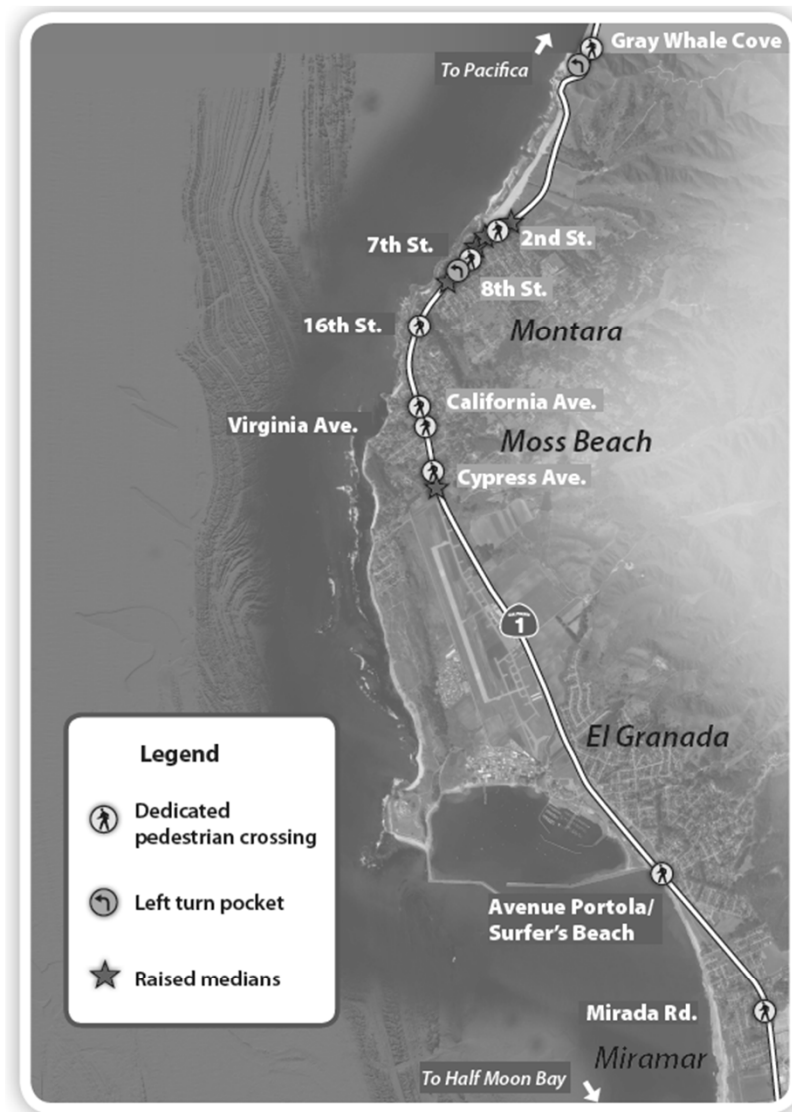
- Provide safe access to the beaches, coastal areas, and local communities along Highway 1 between Grey Whale Cove and Mirada Road;
- Improve traffic along congested segments of Highway 1; and
- Provide at grade pedestrian and bicycle crossings to the residents and visitors along Highway 1



Project Scope

Feasibility of Early
Implementation
Mobility and Safety
Improvements:

- At-Grade Pedestrian Crossings
- Raised Medians
- Left Turn Pockets



Project Update

Since the Last Community Meeting



Project Update

Raised Medians

- Requires outside widening of Highway 1
- Prohibited when speed limits are 45 mph or higher (Caltrans Highway Design Manual)
- Requested Speed Survey
 - Conducted every 5 to 7 years
 - 85th percentile speed determines the speed limit; Traffic Engineer can adjust 5 mph up or down

Project Update

Raised Medians (cont.)

Montara

Posted Speed = 45 mph

Moss Beach

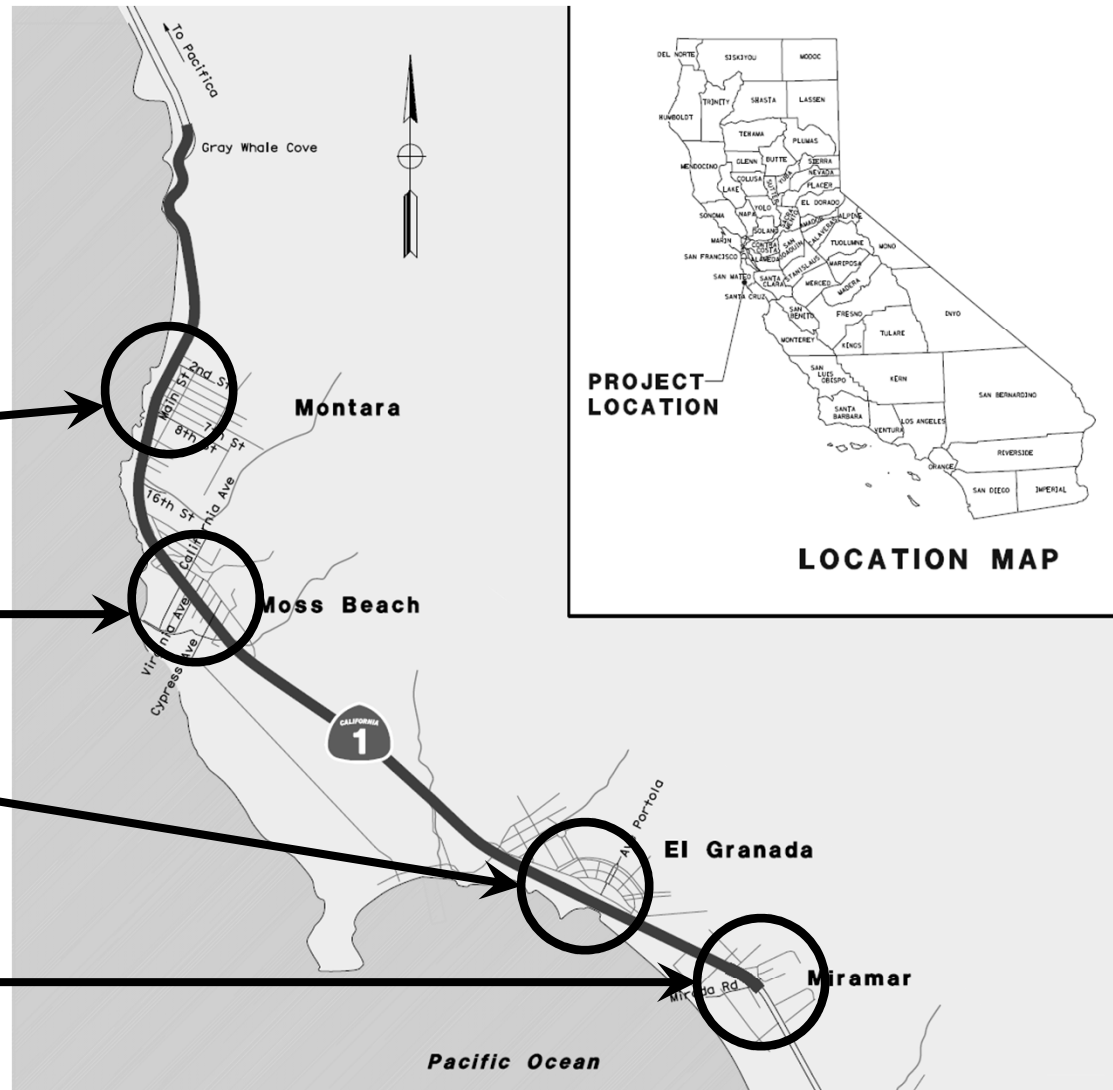
Posted Speed = 50 mph

El Granada

Posted Speed = 50 mph

Miramar

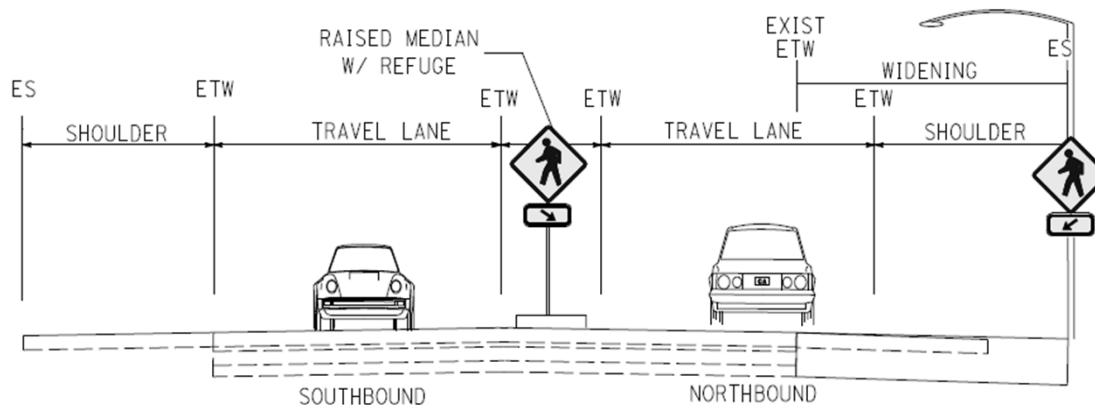
Posted Speed = 45 mph



Project Update

At-Grade Pedestrian Crossings

Pedestrian refuges will be considered as a new alternative in locations where raised medians are proposed (pending speed survey)



Including:

- 2nd Street
- 7th Street
- Cypress to California

Project Update

Acceleration Lanes/Left Turn Pockets

- Traffic Studies are ongoing
- Traffic data was obtained for most intersections within the study limits
- Left turn pockets and acceleration lanes are being evaluated

Project Update

Other features considered moving forward:

Acceleration Lanes - Traffic Studies are ongoing

LED Lighting – Can be directed toward roadway to reduce the trespassing of light

Dimmable Lights – Can be dimmed in low-traffic times overnight

Pedestrian Refuges instead of flashing beacons

Project Schedule

2009	Highway 1 Study Phase I
2012	Highway 1 Study Phase II
2014-2015	Congestion & Safety Improvement Project Feasibility Study
2015	Caltrans Project Initiation Document
2016-2017	Environmental Document
2017-2018	Final Design
2018-2019	Construction

*Subject to change depending on environmental impacts, cost, and funding



Next Steps

Oct 2014	Results from Speed Survey
Nov 2014	Draft Report
Jan 2015	Public Workshop
Mar 2015	Final Report

Questions?

