

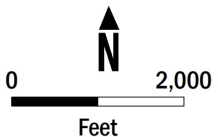
State Route 1 Safety Barrier Project

PROJECT MANAGER: KERRY MORGAN

04-0Q610

Project Location

- Caltrans Postmile
- Project Limits



AECOM, 2021
ESRI Basemap, 2016
CPAD, 2020

DRAFT

SR 1 PM 38.31

SR 1 PM 36.49

Pacific Ocean

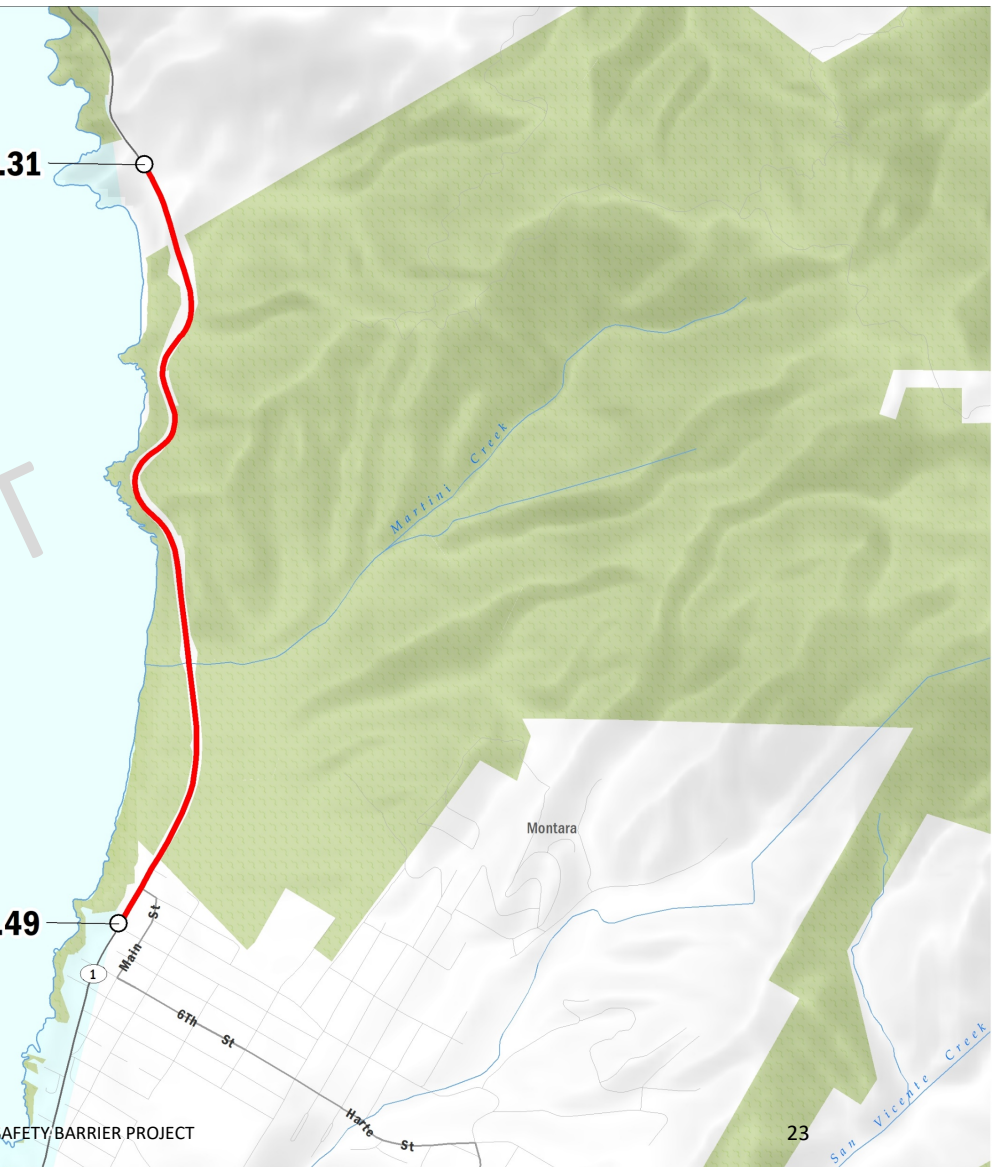
Martini Creek

Montara

San Vicente Creek

23

EA 04-0Q610 STATE ROUTE 1 SAFETY BARRIER PROJECT



Project Purpose and Need

➤ Project Purpose:

- The purpose of this project is to reduce run off the road accidents from errant vehicles
 - Portions of the southbound direction of SR 1 have little to no shoulder backing with a steep drop off to the oceanside below.
 - Barrier upgrades will also be installed at certain locations in the northbound direction

➤ Project Need:

- Based on information gathered by Caltrans Traffic Safety, a total of 36 run off the road accidents (2 of which were fatal) occurred on this segment of SR 1 during the 10-year period from January 1, 2007 to December 31, 2016. If not addressed, this risk would remain

Project Scope and Funding

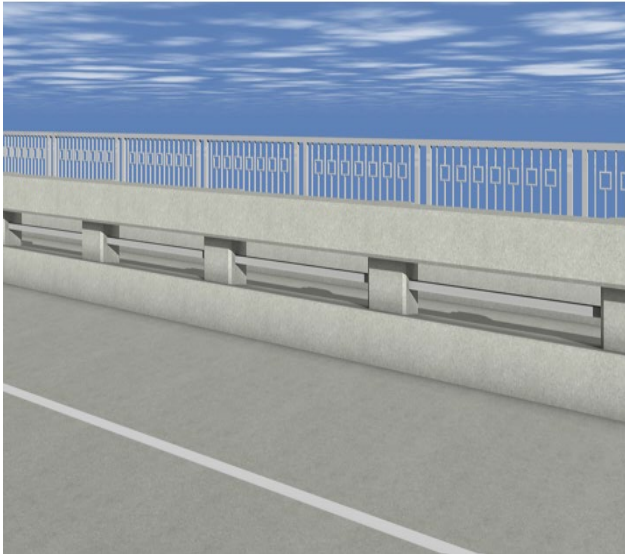
Scope

- Construct new barrier rail either MGS, Type 85 or Type 75 at specified locations
- Construct new retaining walls to support the new railing locations, location dependent
- Upgrade existing metal beam guard rail to standard, MGS
- Upgrade regulatory (white) and warning (yellow) signs to standard

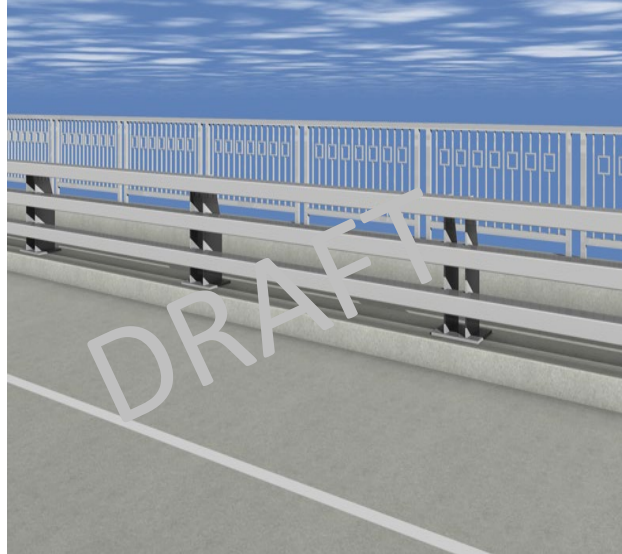
Funding

- SHOPP Program:
 - Amended into the 2020 SHOPP
 - Collision reduction

Design Elements



Type 85 Guard Rail (see-through)



Type ST-75 Guard Rail (see-through)



Midwest Guard Rail System (MGS)


Project Element Locations

- Caltrans Postmile
- Project Limits

Project Locations

Potential Barriers Under Consideration

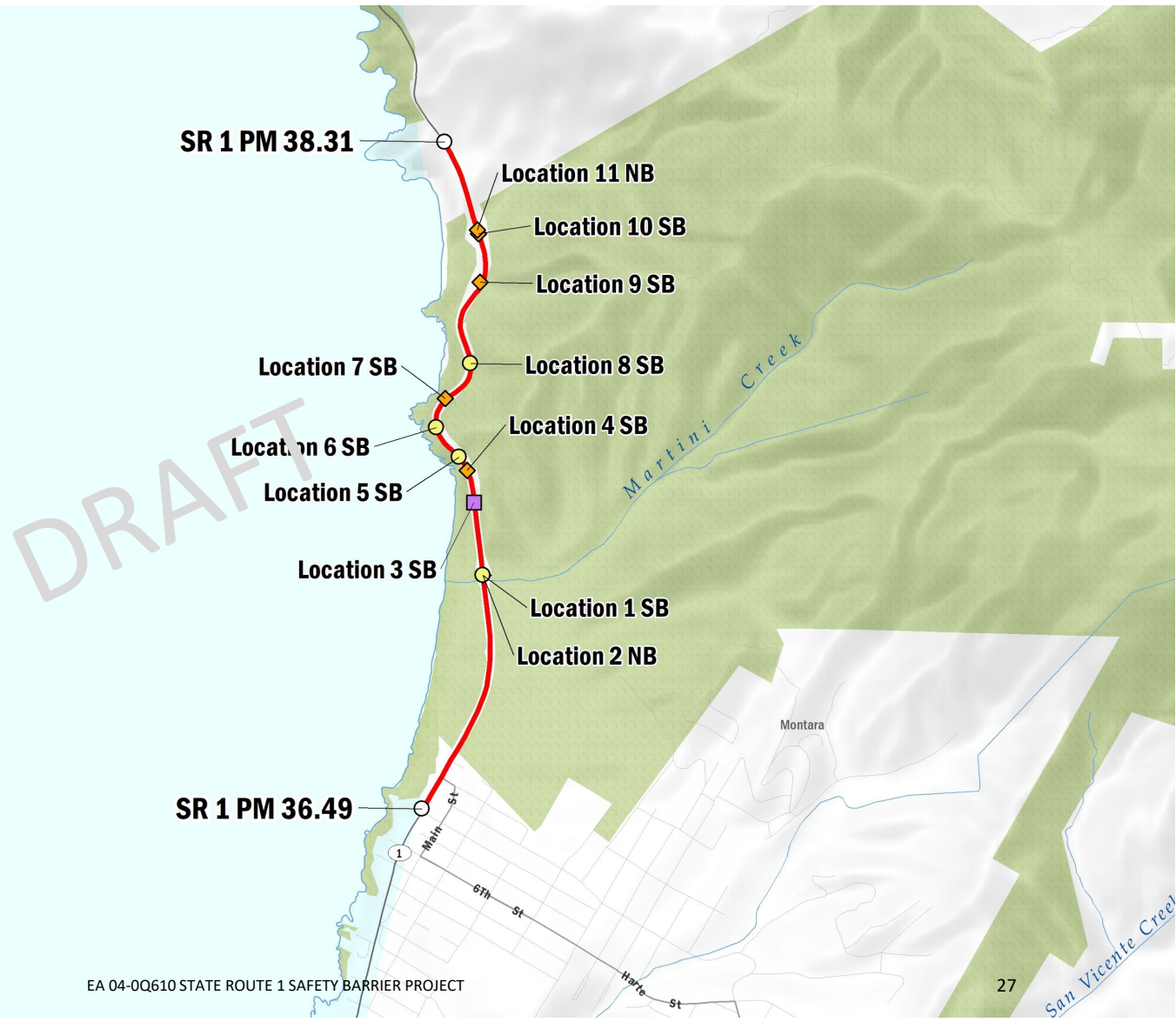
- ◆ MGS
- CB Type 85, or ST-75
- MGS, CB Type 85, or ST-75



0 2,000

Feet

AECOM, 2021
ESRI Basemap, 2016
CPAD, 2020



Project Schedule

