



# SAFETY IMPROVEMENTS ON PCH

## In Malibu, Los Angeles and Santa Monica

To help reach the State of California’s goal of eliminating all traffic-related deaths and serious injuries by 2050, Caltrans is working with state and local partners to increase pedestrian, bicyclist and motorist safety on Pacific Coast Highway (PCH). This multi-faceted approach by state and local government agencies includes roadway improvements and design changes, increased enforcement, and safety education for the traveling public.

While Caltrans works with partners on long-term solutions, the Department has several projects already in the works to address key locations on PCH that see high amounts of traffic from all types of road users.

### Speed reduction enhancements and crosswalk upgrades

**Location: Between McClure Tunnel (I-10 terminus) and the Ventura County line**

**(Timing: Anticipated to begin in January and end in April 2024)**



One way to encourage slower speeds is with specialized striping and signage that provides visual feedback to motorists. For instance, this project will install 13 electronic speed feedback signs, which flash a warning message in real-time when drivers are going over the speed limit, reminding them to slow down.

In addition, the project will install optical speed bars at 10 locations. These pavement markings are placed along travel lanes in areas where motorists need to prepare to slow or stop, such as when the roadway curves or approaching an intersection. These markings can enhance a driver’s perception of their own speed, causing them to reduce speed.

Other improvements include enhanced lane and crosswalk striping to improve visibility, adding striping to display the speed limit on the roadway’s surface at various locations, adding or replacing regulatory signage and speed limit signs, adding curve warning signs, placing road delineators along certain roadway curves, and updating detectors at intersection signals.

## **Optical speed bar locations include:**

- Northbound (NB) approaching McClure Tunnel
- NB and southbound (SB) approaching Coastline Drive along the curved section by the Getty Villa
- NB and SB along curved sections approaching Topanga Canyon Boulevard
- NB and SB approaching all pedestrian signal crossings between Carbon Canyon and Malibu Pier (5 Pedestrian crosswalks)
- NB and SB approaching Malibu Canyon Road
- NB and SB approaching John Tyler Road
- NB and SB approaching Malibu Seafood Restaurant (Corral Canyon)
- From Winding Way to Via Escondido, at straight and flat segments
- Trancas Canyon Road/Broad Beach Road, where the speed limit changes from 50 mph to 55 mph
- NB & SB at Mulholland Highway

## **Speed feedback sign locations include (13 total signs at 10 locations):**

- SB approaching Bel Air Bay Club (replacing a damaged speed feedback sign)
- SB just south of Carbon Canyon
- SB at Malibu Beach RV Park
- NB & SB approaching Latigo Canyon Road due to slope
- North of Paradise Cove Road, facing NB, before the S-curve
- North of Paradise Cove Road, facing SB after the S-curves
- Approaching the Kanan Dume Road signalized Intersection, prior to the S-curves
- South of Morning View, facing SB, before the S-curve
- NB & SB Decker Canyon Road
- NB & SB at Mulholland Highway

## **Locations for enhanced lane striping at curves:**

- Includes locations where the roadway is scraped by maintenance to clear debris flows at times  
At locations where maintenance does not clear roadway with a blade or scraper, striping and retroreflective markers will be installed on the pavement surface
- Some specific locations are:
  - NB & SB approaching Coastline along the curved section by the Getty Villa
  - NB & SB along curved sections approaching Topanga Canyon Boulevard
  - NB & SB south of Carbon Canyon Road
  - Approaching Kanan Dume signalized intersection, prior to the S-curves

## **Locations and intersections where crosswalks will be restriped or striping will be modified include:**

- Big Rock
- Las Flores Canyon Road
- Rambla Pacifico
- La Costa Pedestrian Hybrid Beacon (near La Costa Beach Club)
- Carbon Canyon Road
- Pedestrian signal at postmile 45.56 (between Carbon Canyon and Malibu Pier)
- Pedestrian signal at postmile 45.80 (between Carbon Canyon and Malibu Pier)
- Pedestrian signal at postmile 46.08 (between Carbon Canyon and Malibu Pier, near McDonalds/Nobu)
- Pedestrian signal at Malibu Inn (postmile 46.40, between Carbon Canyon and Malibu Pier)
- Pedestrian signal at Malibu Pier (postmile 46.54)
- Cross Creek Road
- Webb Way
- Malibu Canyon Road
- John Tyler Road
- Corral Canyon Road
- Paradise Cove
- Zumeriz Drive
- Kanan Dume
- Heathercliff
- Busch Drive
- Morning View
- Trancas Canyon Road

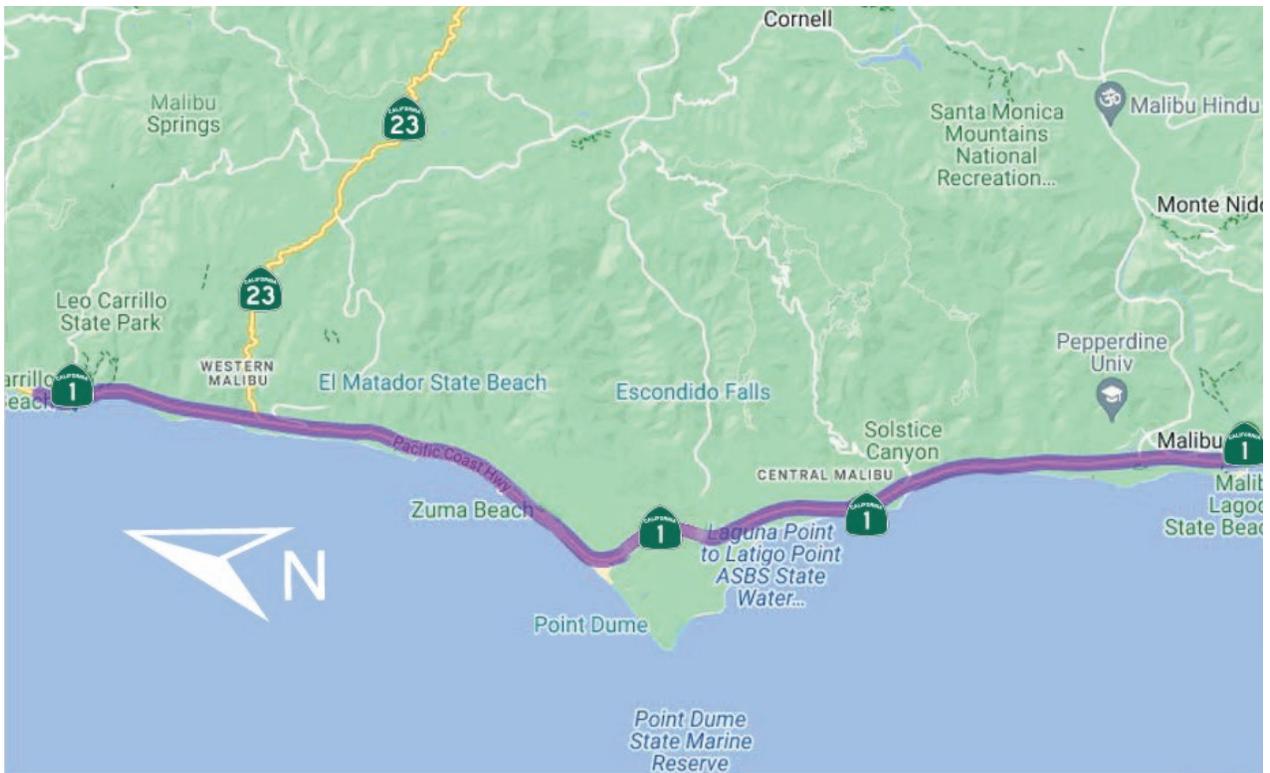
## **Sign upgrades include:**

- 18 new regulatory and bike signs
- 3 new street signs
- Removing 6 roadside signs
- Relocating one roadside sign
- Installing new panels on two signs for lane configuration
- Replacing speed limit signs with new signs to enhance visibility at night, including at locations north of John Tyler Drive (Pepperdine University entrance)
  - Delineators will also be placed at road curves north of John Tyler Drive
- Placement of curve warning signs at approximately four curves

## **Pavement upgrades, bike lanes and pedestrian access improvements**

**Location: From Cross Creek Road/Malibu Lagoon to the Ventura County line**

**Timing: Safety audit to be completed in early 2024 before project moves to design phase**



This project proposes to resurface 63.4 lane miles on PCH, extending the service life of the roadway. In addition, the project will upgrade curb ramps to meet Americans with Disabilities Act (ADA) standards and provide pedestrian access enhancements to the bus stop at PCH and Heathercliff Road.

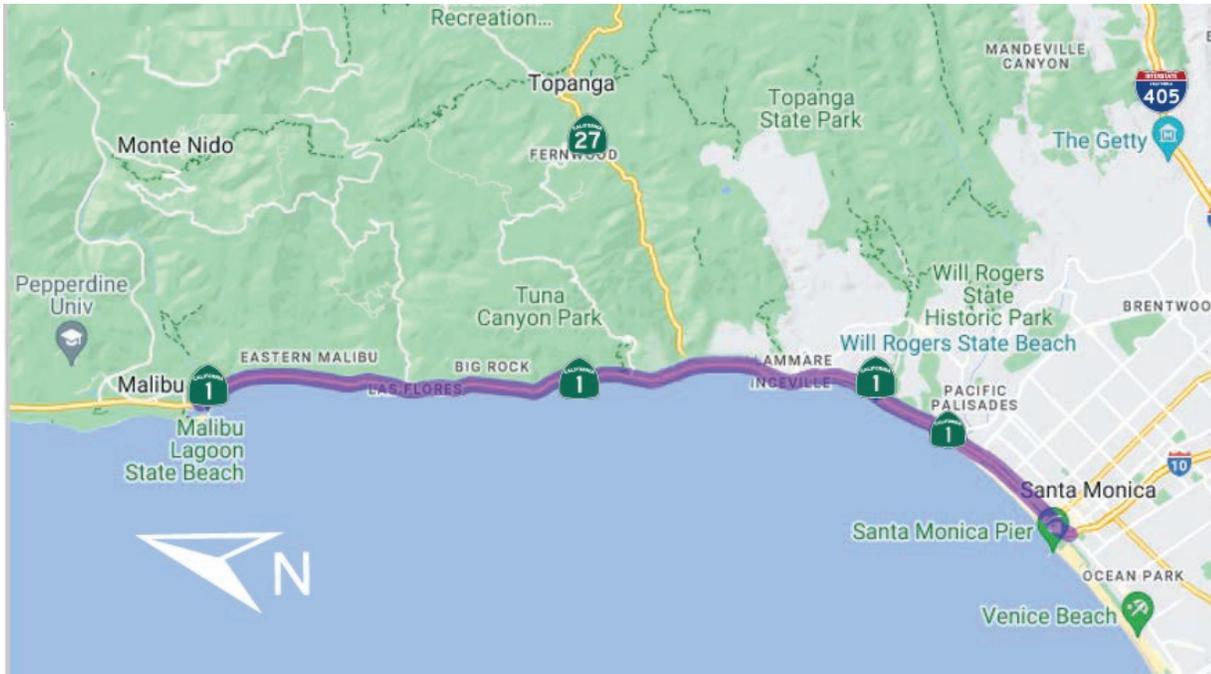
Additional proposed changes include adding bike lanes from near Via Escondido Drive to Busch Drive and from near Malibu RV Park Road to Via Escondido Drive.

Design has not yet been completed, and additional improvements are anticipated to be added to the project.

## Pavement rehabilitation, bus pad upgrades

**Location:** From McClure Tunnel to Cross Creek Road/Malibu Lagoon

**Timing:** Safety audit to be completed in spring 2024 before project moves to design phase



This pavement rehabilitation project includes upgrading and replacing guardrails, repairing drainage systems, upgrading curb ramps to meet Americans with Disabilities Act (ADA) standards and installing bus pad enhancements.

Design has not yet been completed, and additional improvements are anticipated to be added to the project.

### Other minor projects:

#### Safety Project at Las Flores

The scope of work is as follows: Install protected left-turn signal phasing for southbound PCH to Las Flores Canyon Road, upgrade signal poles and other traffic signal hardware, upgrade advance flashing beacon warning system, and install a speed feedback device.

- **Target completion spring 2024**

#### Pedestrian signal upgrade north of Carbon Canyon

This project proposes to replace the existing flashing yellow pedestrian beacon with a full pedestrian signal. The scope of the project will include installing signal poles, countdown pedestrian signal heads, restriping the crosswalk, replacing the existing yield lines with limit lines, and replacing all road signs in the vicinity.

- **Target construction start in summer 2024**