

A. Malibu Pacific Coast Highway Safety Projects Report

Recommended Action: Receive and file a report on Pacific Coast Highway (PCH) Safety Projects and Special Initiatives and provide feedback to staff.

Staff Contact: Deputy City Manager Brown, 456-2489, ext. 300



Council Agenda Report

To: Mayor Uhring and the Honorable Members of the City Council

Prepared by: Alexis Brown, Deputy City Manager

Reviewed by: Joseph Toney, Assistant City Manager

Approved by: Steve McClary, City Manager

Date prepared: May 30, 2024

Meeting date: June 10, 2024

Subject: Malibu Pacific Coast Highway Safety Projects Report

RECOMMENDED ACTION: Receive and file a report on Pacific Coast Highway (PCH) Safety Projects and Special Initiatives and provide feedback to staff.

FISCAL IMPACT: Funding for these services was not included in the Adopted Budget for FY 2023-24.

STRATEGIC PRIORITY: This item was not included in the Adopted FY 2023-24 Strategic Priority Project List. At the Council's direction, this project can be brought back at a future Strategic Planning meeting for prioritization.

DISCUSSION: The City of Malibu continues to take a multifaceted approach to enhancing safety on PCH. In collaboration with local and state partners, the initiatives undertaken by the City are categorized into legislative actions, education campaigns, infrastructure improvements, and enforcement strategies. Each category aims to enhance safety and promote a culture of shared responsibility among motorists, pedestrians, and cyclists who travel PCH in Malibu.

Malibu's stretch of PCH is uniquely hazardous, with few sidewalks or separated bike lanes, limited parking, heavy visitor traffic, and homes and businesses just feet from passing traffic and few safe ways to cross. Those conditions have all been worsened by an epidemic of excessive speeding. As a result, over the past five years Malibu has had the highest number of fatalities and serious injuries resulting from vehicle crashes among similarly sized cities. On October 17, 2023, four Pepperdine University students standing

on the side of the highway were tragically struck and killed by a speeding motorist allegedly going 104 MPH. Since 2010, 61 lives have been lost on PCH within Malibu city limits.,

BACKGROUND

The Pacific Coast Highway (PCH) serves as the only critical transportation artery for our city, accommodating thousands of vehicles daily. However, its scenic beauty and popularity among tourists also pose significant challenges regarding safety and traffic management. Over the years, the City Council has prioritized initiatives aimed at enhancing safety along PCH to mitigate accidents and improve overall traffic flow.

On November 8, 2023, during the Special Meeting of the PCH Taskforce, the City identified several key initiatives and projects that posed an opportunity for collaboration with Caltrans, and State and Local officials to improve safety along the state highway. Those areas included a Safety Corridor Designation, considerations for a Re-Design of PCH, Permanent Increase to Enforcement, Initiation of Special Legislation, Investment in Speed and Traffic Data Collection Technology, a Re-prioritization of the 2015 PCH Safety Plan.

On November 13, 2023, the Malibu City Council declared a local state of emergency related to the increase in reckless and illegal driving on PCH. The status and use of Pacific Coast Highway ("PCH") currently constitutes a condition, or threatened condition, of extreme peril to the safety of persons and property within the City of Malibu. PCH is the City's main thoroughfare, and each day serves as a commuting route, a residential street, a business corridor, and for persons accessing beaches recreation amenities, a pathway used by pedestrians and cyclists. PCH is a California State Highway (State Route 1) that is managed and maintained by the California Department of Transportation ("Caltrans") with a posted speed limit ranging between 40- 55 miles per hour in the City. Excessive speeding, reckless driving, unsafe U-turns, and distracted driving caused by cell phone use and other distractions have resulted in increased collisions with other motorists, cyclists, and pedestrians on PCH that have resulted in injury and death.

On December 18, 2023, California Secretary of Transportation Toks Omishakin joined Mayor Steve Uhring, Mayor Pro Tem Doug Stewart, City Manager Steve McClary and officials from Caltrans, California Highway Patrol (CHP) and the LA County Sheriff's Department for a tour of Malibu's 21 miles of PCH. Caltrans traffic safety engineers led them on a bus tour of a large section of PCH for a comprehensive assessment of safety conditions on the highway. The tour included a somber walk of the crash site where four Pepperdine students were killed by a speeding motorist while walking along PCH on October 17. The delegation also held a meeting at City Hall to share updates from their respective agencies and discuss ideas, opportunities, timelines, and challenges in the collective effort to make PCH safer. Secretary Omishakin announced that \$4.25 million has been allocated under a Caltrans "Director's Order" for safety improvements on PCH that are expected to start in January and be complete in Summer 2024. CHP

Commissioner Sean Duryee discussed the City's long-term contract to bring CHP patrols and enforcement back to PCH in Malibu starting in January.

On January 22, 2024, the City Council reviewed several traffic calming measures proposed by Councilmember Silverstein in response to the declaration of emergency previously proclaimed. Council gave direction to City staff to review and provide an analysis of the measures at the next PCH Update.

On March 12, 2024, the staff provided an analysis of proposed traffic measures aimed at enhancing safety on the PCH. The Council also received an update on potential infrastructure improvements that could proceed in collaboration with Caltrans. These discussions focused on identifying effective strategies to reduce accidents and improve overall road safety through legislative actions, educational campaigns, infrastructure improvements, and enforcement strategies.

The City remains committed to enhancing safety along PCH through a multi-faceted approach encompassing infrastructure improvements, enforcement efforts, public awareness campaigns, and collaborative partnerships.

ATTACHMENTS:

1. PCH Master Projects List

Location and Limits	Post Mile	Expenditure Authorization (EA)	Project/Project Title	Project Lead	Type of work	2015 PCH Safety Study	Benefits	Status	Timeline	Start Date	Projected Completion Date	Project Cost	Last Updated	Notes
McClure Tunnel to Las Flores	Post Mile 35.2 / 44		LA-1, Remove landslide, repair failed slope drapery protection system, clean drainage, conduct rock	Caltrans	Remove landslide, repair failed slope drapery protection system, clean drainage, conduct rock scalin a) Scale the slopes to remove loose rocks and material. b) Dispose of the debris. c) Repair slope drapery protection system. d) Remove debris. e) Clean drainage systems. f) Replace rip rap		This work must be completed as rapidly as possible to prevent long-term closure or disruption of this essential route and to maintain full access for residents, emergency services, and commercial traffic. Immediate action is required to prevent or mitigate the loss or impairment of life, property, or essential services.	In construction. 18% complete		Spring 2023	Winter 2024/2025	\$3.98 Million	5/9/2024	Emergency maintenance project
In and near the Cities of Santa Monica, Los Angeles, and Malibu, from 0.1 mile north of Colorado Avenue to 0.2 mile south of Cross Creek Road	Post Mile 35.2 / 46.9		Rehabilitate pavement, upgrade guardrail, Transportation Management System (TMS) elements, and culverts, and upgrade facilities to Americans with Disabilities (ADA) standards. (SHOPP) - CAPM	Caltrans	2nd capital maintenance project. The project proposes to rehabilitate the existing distressed Asphalt Concrete (AC) pavement with Rubberized Hot Mix Asphalt (RHMA). It also includes dig-outs and reconstructing damaged pavement structural sections with high density of Alligator B cracking, upgrading the existing Metal Beam Guardrails (MBGR) to Midwest Guardrail System (MGS), installing Intelligent Transportation System (ITS), replacing/repairing/cleaning out drainage culverts, upgrading existing non-standard ADA curb ramps, converting bus pads from AC to Portland Concrete Cement (PCC), and Class II bike lane where feasible.		The purpose of this project is to extend the service life of the asphalt pavement with minor distress and to improve the ride quality on State Route 001, to a condition that would require minimal maintenance. Additionally, Complete Street elements are being addressed. The existing non-standard curbs will be brought to standard; and the roadway will be re-striped, as well as the existing roadside safety features will be upgraded as needed.	Environmental phase, field work completed.	Medium	Winter 2026/2027	Summer 2028	\$59.49 Million	5/9/2024	List of projects expected by Memorial Day.
IN THE CITIES OF LOS ANGELES AND MALIBU, FROM SOUTH OF TEMESCAL CANYON ROAD TO VENTURA COUNTY LINE; ALSO IN VENTURA COUNTY, FROM LOS ANGELES COUNTY LINE TO TONGA STREET - Corral Canyon	Post Mile 37.7 / 62.9	313504	DRAINAGE IMPROVEMENT, FISH PASSAGE (SHOPP)	Caltrans	The proposed work for this project includes: 1. removing debris or flush sediment inside the pipe 2. repairing joint seal of pipe 3. re-lining culvert barrel 4. replacing damaged sections of pipe 5. replacing entire (sections) of culvert(s) 6. replacing the culvert at Solstice Creek (Bridge No. 53-0030) with a bridge. The proposed bridge replacing the existing culvert will allow trout to swim upstream.		Various types of culverts deficiencies were discovered, including joint separation, misalignment, buckling, cracking of pipe barrel, and clogged sediments. Repairs and rehabilitation are needed to restore functionality and to prevent further damage of drainage culverts. The replacement of the Solstice Creek culvert with a bridge will provide access for the steel-head trout to the habitat upstream of the culvert. The performance measures for this project are 13 culverts rehabilitated or replaced.	In construction. 3% completed.	Long	Summer 2023	Summer 2029	\$57.47 Million	5/9/2024	May include bridge replacement project.
Ratener Beach	Post Mile 40.1 / 40.6	2XE004	Repair the side slope damaged by high surf, rebuild the RSP and roadway (Director's Order)	Caltrans	The first order of work will be to stabilize and reconstruct the side slope using native material. Place geofabric against the side slope and on the base of the RSP. Reconstruct the RSP with various-sized rocks. Remove and replace the damaged drainage pipes. Replace the Hot Mix Asphalt (HMA) shoulder. Replace the HMA Dike. Cold plane and overlay the travel lanes.		The first order of work will be to stabilize and reconstruct the side slope using native material. Place geofabric against the side slope and on the base of the RSP. Reconstruct the RSP with various-sized rocks. Remove and replace the damaged drainage pipes. Replace the Hot Mix Asphalt (HMA) shoulder. Replace the HMA Dike. Cold plane and overlay the travel lanes.	In construction. 3% complete.	Short	Winter 2022/2023	Winter 2024/2025	\$15.6 Million	5/9/2024	

IN UNINCORPORATED COMMUNITY IN LOS ANGELES COUNTY, TOPANGA, AND CITY OF MALIBU, ON ROUTE 1 AND ROUTE 27	Post Mile 40.6 / 41.2	239304	TOPANGA LAGOON BRIDGE REPLACEMENT AND LAGOON RESTORATION (NON-SHOPP) - State Parks Project	Caltrans	The project scope includes lagoon expansion, improvements to SR-1 and SR-27 within Caltrans right of way, and improvements to State and County owned parcels adjacent to SR-1 and SR-27. For the Topanga Creek Bridge, a 460-foot-long, three span bridge is proposed to accommodate lagoon expansion and replace the existing 79-foot-long, two-span bridge. The bridge elevation would be nearly 2 feet higher than the existing bridge, and approximately 700 feet of roadway would be reconstructed on each side of the bridge. Also, a new sewer line is proposed on a 0.7-mile stretch roadway to the east from SR-27 to Coastline Dr. to service facilities proposed by the project. It is anticipated the sewer line would be in the median of SR-1 and require reconstruction of approximately 3,800-feet of median pavement. On SR-27 on a 1,500-foot stretch roadway just north of SR-1, there is proposed pavement widening and restriping to accommodate a new northbound (NB) left-turn lane located approximately 900 feet north of SR1. The new NB left-turn lane would provide access to a parking area also being proposed as part of the project. The project also proposes offsite improvements outside Caltrans right of way, including Topanga Lagoon improvements, Topanga State Park improvements (CDPR), Topanga Beach improvements, and wastewater improvements.	Yes - ?	The lagoon restoration is needed to mitigate the impacts caused by this fill, and removal of the fill is essential to the restoration of the wetland habitat, including re-establishment of estuarine habitat. Accomplishment of this Environmental mitigation project requires the reconstruction of the bridge and removal of the approach fills. The restoration of the lagoon will involve removal of the fill material under the bridge approaches and require construction of bridge structures in these areas. The restored lagoon and reconstructed longer bridge will also reduce the potential for flooding upstream of the bridge, which is now under the jurisdiction of the California State Parks.	Environmental phase	Long	Summer 2027	Summer 2033	\$280.04 Million	5/9/2024	
IN LOS ANGELES COUNTY, IN MALIBU, SOUTH OF BIG ROCK DRIVE	Post Mile 42.4 / 42.4	4X9704	PERMANENT SLOPE RESTORATION (SHOPP)	Caltrans	The scope of work will replace the existing protection placed by Emergency Contract (EA 07-1XA001) with a single row secant pile wall.		The purpose of this project is to implement a permanent restoration of State Route 1 (SR-1) within the project limits, which is approximately 500 feet south of Big Rock Drive. Prior to the Emergency Project (EA 07-1XA001), wave action had eroded the existing slope causing the southbound shoulder to become unstable. The shotcrete wall that was placed in the Emergency Project (EA 07-1XA001) was only a temporary measure and is now beginning to be undermined by wave action. This wave action is again endangering the southbound shoulder and southbound number two lane. This project's proposed secant pile wall will be a permanent measure to eliminate the erosion to the slope. The performance measures for this project are one headwall/endwall, one energy dissipation and other elements, 600 linear feet of widen shoulders, one other safety activity, and one permanent restoration.	In design phase	Short	Summer 2024	Summer 2025	\$17.88 Million	5/9/2024	Timeline needs to be updated.

Las Flores to Encinal Canyon	Post Mile 44.1 / 58.5	2XG904	Remove landslide, clean drainage and repair as needed.	Caltrans	a) Remove loose rocks and material. b) Remove and dispose of the debris. c) Repair eroded slope. d) Clean drainage systems. e) Repair damaged shoulder.		This work must be completed as rapidly as possible to prevent long-term closure or disruption of this essential route and to maintain full access for residents, emergency services, and commercial traffic. Immediate action is required to prevent or mitigate the loss or impairment of life, property, or essential services.	In construction. 42% complete.	Medium	Spring 2023	Winter 2024-2025	\$2.93 Million	5/9/2024	Includes Zuma Creek - trying to reopen by Memorial Day weekend.
IN LOS ANGELES COUNTY, IN THE CITY OF MALIBU, ON ROUTE 1 NEAR LAS FLORES CREEK BRIDGE - Las Flores and Rambla	Post Mile 44.2 / 44.2	366804	PROACTIVE SAFETY LONG LEAD PROJECT. (SHOPP)	Caltrans	This project will upgrade existing deteriorated concrete bridge rails and sidewalks on Las Flores Creek Bridge to meet current standards; install/upgrade traffic signal controllers; and construct ADA-compliant pedestrian facilities, including curb ramps and sidewalks, within the project limits.		The project's primary focus is proactive safety, which is intended to be accomplished by improving the condition of the bridge rails (Primary Asset) and by constructing sidewalks and ADA-compliant ramps (Secondary Assets). The project will also replace traffic signal poles that have exceeded their expected life to bring them from "Poor" to "Good" condition, which is consistent with SB1 requirements. The performance measures for this project are as follows: 184 ft linear feet of bridge rail, 6 ADA curb ramps, and 330 ft of sidewalk and driveway.	In environmental phase.	Long	Fall 2031	Fall 2033	\$16.57 Million	5/9/2024	Caltrans has authorize start for Aug 2024. Malibu and Caltrans to coordinate on scopes of work to create one big project.
In Malibu, from 0.6 mile north of Carbon Canyon Rd to 0.5 mile south of Sweetwater Canyon Rd.	Post Mile 45.6 / 45.9	4V380	Convert continuous yellow flashing beacon to pedestrian signal for existing crosswalk. (MINOR)	Caltrans	This project proposes to replace the existing flashing yellow beacon system with a pedestrian signal system. The scope of the project will include installing signal poles with Accessible Pedestrian Signal (APS) push buttons and countdown pedestrian signal heads; installing a new service cabinet enclosure and a new Model 2070E Controller Assembly with Model 332L Cabinet and Battery backup electronic components; refreshing the striping of the existing crosswalk; replacing the existing yield lines with limit lines; and replacing all roadside signs in the vicinity to reflect the new traffic control system. The proposed pedestrian signal will be connected and synchronized with the other traffic signals on PCH to facilitate more efficient traffic operations and provide a traffic calming measure by interrupting traffic flow.		The purpose is to provide a safer pedestrian crossing across the Pacific Coast Highway by providing a positive stop control.	In design phase. Advertised to go to construction. Award contract by September 2024.	Short	Summer 2024	Summer 2025	\$1.52 Million	5/9/2024	Note - no daytime lane closures allowed in Malibu from Memorial Day to Labor Day.

IN AND NEAR MALIBU, FROM NORTH OF SERRA ROAD TO THE VENTURA COUNTY LINE	Post Mile 46.9 / 62.9	35420	REHABILITATE PAVEMENT, UPGRADE FACILITIES TO ADA STANDARDS, AND UPGRADE GUARDRAIL (SHOPP) - CAP M	Caltrans	The project addresses pavement needs on State Route 1 (SR-1) and proposes to resurface 63.4 lane miles by cold plane and overlaying the mainline and shoulders. Damaged Portland Cement Concrete (PCC) slabs will be replaced with Individual Slab Replacement (ISR) of the same thickness. The Capital Preventive Maintenance (CAPM) strategies will extend the service life of the roadway. Complete Street Elements will also upgrade select existing curb ramps within the project limits to current Americans with Disabilities Act (ADA) standards and include Class III bike lanes. The project will also propose pedestrian access improvements to the bus stop located at Pacific Coast Highway and Heathercliff Road. The project is currently looking at proposing Class II bike lanes on SR-1 from near Morning View Drive (PM 55.8) to Trancas Canyon Rd (PM 57.0) and from near Malibu RV Park Rd (PM 50.2) to Via Escondido Dr (PM 51.7).		The proposed work will prevent further pavement deterioration, as well as address some areas of drainage, roadside safety, and Americans with Disabilities Act (ADA) improvements. The performance measures for this project are 63.4 lane miles, which also includes 12,077 linear feet of guardrail, 60 ADA Deficient Elements (36 installed Accessible Pedestrian Signals and 24 curb ramps repaired and installed), and one worker safety - safe access location.	In design phase.	Long	Fall 2026	Summer 2028	\$33.18 Million	5/9/2024	Caltrans requesting a 19 month extension at the June CTC meeting. The extension will allow Caltrans to add projects identified in the 2015 PCH Safety Study and safety audit that was completed in January 2024.
IN LOS ANGELES COUNTY IN MALIBU FROM GUERNSEY AVE TO TRANCAS CANYON ROAD	Post Mile 56.5 / 56.9	291404	BRIDGE REPLACEMENT (SHOPP)	Caltrans	The project will replace the Trancas Creek Bridge (Bridge No. 53-0027) on State Route 1 in Los Angeles County. The proposed bridge will replace the 90-year-old bridge, which is subject to scour under a 10-year storm. In addition to the standard lanes and shoulders, the new bridge will include a 14-foot wide southbound shoulder, which would provide room for future bicycle/pedestrian use. The project provides 26,160 square feet of new bridge.		The purpose of this project is to replace Trancas Creek Bridge with a new bridge structure that maintains reliable access for the public in compliance with current standard of mobility. The performance measures for this project are one (1) bridge with 8,148 square feet of bridge replacement and 18,012 square feet of new bridge construction, resulting in a post condition of 26,160 square feet of new/replaced bridge. The below are detailed safety-related upgrade as scope of work: • New pedestrian bridge railing on the ocean side of the bridge to physically separate the sidewalk from vehicular traffic. • Widened shoulders. • 1,500 linear feet of Qwick Kurb System separating northbound and southbound traffic. • Existing southbound Class III Bike lane was repaved as part of the shoulder widening. • New Bridge Railing.	In construction. 72% completed.	Medium	Winter 2020-2021	Winter 2025/2026	\$70.91 Million	5/9/2024	Project stage 2: demo crew to start week of 5/13
PCH from Topanga Canyon Road to John Tyler Drive	Post Mile 40.8 / 48.5	34090	PCH Signal Synchronization Project	City of Malibu	Install communication between signals and connect signals back to Caltrans TMC. Develop and implement timing plans. Outdated signal coordination plans need to be optimized with appropriate cycle lengths and time-based schedule for proper traveling speeds and to generate reasonable gaps for cross streets and driveways. Signal timing will use state-of-the-art adaptive timing system to develop optimized timing plans based upon real time traffic conditions. Insure that the adaptive system is compatible with a high volume arterial.		The overall objective of this project is to provide communication, coordination, and controls to the traffic signals and with Caltrans' Transportation management Center (TMC) and City's Traffic Operations Center (TOC), reduce congestion along the corridor, and improve safety for all modes of travel.	In construction	Medium	Winter 2022/2023	Spring 2025	\$17.6 Million (Measure R)	5/9/2024	Project is currently in construction. The contractor is installing the underground conduit from Topanga Canyon Road to John Tyler Drive.
PCH from John Tyler Drive to Puerco Canyon Road	Post Mile 47.4 / 49.3	341004	PCH Median Improvement Project - John Tyler Drive to Puerco Canyon Road	City of Malibu	This project include the enhancements of the existing medians on PCH from John Tyler Drive to Puerco Canyon Road. Existing medians in this section will up enhanced by removing the existing material within the median and the installation of new stamped concrete.		This project will enhance the existing medians, as well as improve roadway aesthetics.	In construction	Short	Spring 2024	Spring/Summer 2024	\$7.1 Million (Measure R)	5/9/2024	The contractor has started the demolition of the material in between the existing medians.

PCH and Trancas Canyon Road	Post Mile 56.7 / 57	39180	PCH Intersection Improvements - Trancas Canyon Road	City of Malibu	This project will implement a reconfiguration of existing lanes to include a new 430 foot right turn lane on NB State Route 1 while maintaining two through lanes of vehicle travel and dedicated left turn pockets per existing conditions for both northbound and southbound traffic. This project will also enhance the existing Class II bike facilities on SB SR-1 by installing bike intersection markings		This project will provide motorists with ample space to decelerate for the right turn from SR-1 to Trancas Canyon Rd and will also connect to Caltrans Trancas Creek Bridge Retrofit Project which is currently in construction.	95% of design completed	Medium	Summer 2025	Winter 2025/2026	\$1.3 Million (Measure R)	5/9/2024	The final design of this project has been completed. The City is working with Caltrans on the final approvals of this project. This project will likely start construction upon the completion of the Trancas Bridge Replacement project.
PCH approximately 2,500 feet east of Corral Canyon Road	Post Mile 49.96	n/a	Pedestrian Undercrossing at Malibu Seafood	City of Malibu	This project consists of constructing a new pedestrian underpass crossing in the close vicinity of Malibu Seafood. The project will also look into different design alternatives that provides a safe alternative to cross PCH near this location.	Yes - ?	This project will provide a safe method for pedestrians to cross PCH near Malibu Seafood and the Corral Beach area.	In design phase	Medium	Spring 2024	unknown until preliminary design is completed	\$4.5 Million (Measure M)	5/9/2024	The City has received two design service proposals for this project. The City will be performing final proposal evaluations and will anticipate bringing a contract to the Malibu City Council by June 2024.
PCH between Big Rock Drive and Las Flores Canyon Road	Post Mile 42.49 / 43.10	n/a	PCH Cross Walk Improvements at Big Rock Drive and 20326 PCH	City of Malibu	This project includes a new flashing warning beacon located approximately 200 feet east and west of 20326 PCH (Moonshadow's Restaurant). New raised medians, along with a pedestrian refuge area, are planned for this area. A new overhead flashing "signal ahead" beacon will be installed 400 feet east of the PCH and Big Rock Drive intersection. New raised medians will be constructed on PCH near the Big Rock Drive intersection.	Yes - ?	This project will install needed traffic safety features that were identified in the 2015 PCH Safety Study	In design phase	Medium	Spring 2024	unknown until preliminary design is completed	\$683,000 (Measure M)	5/9/2024	The City is waiting for the project Measure M funding agreement from Metro. A draft RFQ has been developed but not issued until the City receives the Measure M funding agreement.
PCH / Las Flores Canyon Road and Rambla Pacifico	Post Mile 44.15	n/a	PCH at Las Flores and Rambla Pacifico Intersection Improvements	City of Malibu	This project was identified in the 2015 PCH Safety Study and includes making various safety and efficiency improvements at the Las Flores Canyon Road and Rambla Pacifico Street Intersection. The project will reconfigure the traffic signals, traffic lanes and will provide additional room for bicycle lanes.	Yes - ?	This project will install needed traffic safety features that were identified in the 2015 PCH Safety Study	In design phase	Long	Spring 2024	Estimated - FY27	\$5 Million (Measure R)	5/9/2024	The City is waiting for the project Measure M funding agreement from Metro. A draft RFQ has been developed but not issued until the City receives the Measure M funding agreement.
PCH between Paradise Cove and Zuma Beach	Post Mile 52.16 / 55.61	n/a	PCH Median Improvements at Paradise Cove and Zuma Beach	City of Malibu	This project includes installing new raised medians and improvements. New raised medians are proposed east and west of the PCH and Paradise Cove Road intersection. The proposed improvements also include the relocation of the existing bus stop and new signage, as well as the installation of new raised medians on PCH in the areas where the double yellow lines exist in the vicinity of Zuma Beach, specifically where the yellow paddles are installed	Yes - ?	This project will install needed traffic safety features that were identified in the 2015 PCH Safety Study	In design phase	Medium	Spring 2024	Estimated - FY26	\$2 million (Measure M)	5/9/2024	The City has received two design service proposals for this project. The City will be performing final proposal evaluations and will anticipate bringing a contract to the Malibu City Council in the Summer 2024; Caltrans looking at bus stops and sidewalks