



Caltrans Division of Safety Programs

2024 ACCOMPLISHMENTS





2023 – 2024 ROAD SAFETY ACTION PLAN (RSAP) COMPLETION

Through completion of the first-ever Statewide RSAP and 12 District RSAPs Caltrans took an important step in institutionalizing the 2022 Director's Policy 36 on Road Safety by aligning Caltrans' projects, programs, procedures, and mindset with the Safe System Approach. The Statewide RSAP contained 31 deliverables and the 12 District RSAPs cumulatively contained nearly 150 deliverables. This massive effort led to innovational partnerships across functional areas of Caltrans as well as significant safety improvements such as institutionalizing an enhanced safety review process in the Project Development and Procedures Manual, updating policies that will facilitate wider and more consistent use of speed enforcement in construction work zones, and developing a geographic information system framework for a statewide inventory of roadside safety features and safety systems.





PILOTING NEW SAFETY EFFORTS

- ▲ Began developing Road Safety Infrastructure Plans, which will proactively identify safety enhancement opportunities on the State Highway System with a special consideration on disadvantaged communities using data such as roadway characteristics, land use, and equity factors.
- ▲ Commenced a Road Safety Audits Pilot to implement the examination of an existing or future road by an independent, multidisciplinary team.
- ▲ Partnered with District 7 to implement a Pedestrian Safety Pilot which focuses on enhancing proactive safety for socioeconomically challenged vulnerable road users.
- ▲ Partnered with the Headquarters Division of Traffic Operations to develop a Request for Innovative Ideas to create a Generative Artificial Intelligence tool to enhance Caltrans' capabilities to assist vulnerable road users.





STRATEGIC HIGHWAY SAFETY PLAN (SHSP)

- ▲ Completed 29 of Caltrans' 31 SHSP actions from the 2020-2024 SHSP. The final two will be completed in early 2025.
- ▲ Partnered with SHSP stakeholders to complete the 2025-2029 Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis, which provides specific recommendations for developing and implementing the new 2025-2029 SHSP.





HIGHWAY SAFETY IMPROVEMENT PLAN (HSIP)

- ▲ Approved 34 safety investment concepts for a total capital outlay cost of \$145.94 million. These investments include new and upgraded safety countermeasures such as roundabouts, centerline and shoulder rumble strips, surface friction enhancement, high-tension cable barriers, striping, shoulder widening, median buffers, traffic signals, and additional warning signs with radar speed feedback.
- ▲ Approved 11 expedited project initiation proposals for a total capital outlay cost of \$38.09 million. These investments include countermeasures such as new intersection controls, road safety barriers, acceleration lanes, shoulder widening, and various other low-cost countermeasures.





TRAFFIC SAFETY INVESTIGATIONS

- ▲ Completed cycle two of the Caltrans Vision Zero Pilot Program which investigates fatalities and serious injuries on the State Highway System that are not captured through existing network screening.
- ▲ Developed and issued the following Monitoring Program Reports:
 - Bicyclist Safety Improvement Monitoring
 - Wrong Way Crash Monitoring
 - Run Off Road Crash Monitoring
 - Pedestrian Safety Improvement Monitoring





NEW SAFETY GUIDANCE

- ▲ Published a revision to the Rumble Strip Guidelines in Traffic Safety Bulletin 20-07-R2.
- ▲ Published the Intersection Safety and Operational Assessment Process, which is an update to the Intersection Control Evaluation.
- ▲ Released a memo and guidance regarding the prioritization of upgrading existing traffic safety hardware to standards set in the Manual for Assessing Safety Hardware.
- ▲ Published an update to the Local Development Review Safety Guidance to establish a process in evaluating proposed land use projects.
- ▲ Published a Longitudinal Pavement Marking and Monitoring Policy.
- ▲ Released the Transportation System Network Replacement Transition Memo Revision.





TRAININGS

- ▲ Joint California Highway Patrol and Caltrans speed limit workshops.
- ▲ Joint Federal Highway Administration (FHWA) and Caltrans roadside safety workshop.
- ▲ FHWA Every Day Counts for Nighttime Visibility Initiative training.
- ▲ FHWA Basic Pedestrian Safety trainings.
- ▲ Two weeklong traffic safety workshops.
- ▲ Traffic safety systems coordinator trainings.





SAFETY SYSTEMS AND DEVICES

- ▲ Issued revision eight to the California Manual on Uniform Traffic Control Devices (CA MUTCD).
- ▲ Completed review of the 2023 National MUTCD and began drafting the 2026 CA MUTCD documents.
- ▲ Approved nine new safety devices.
- ▲ Partnered with District 7 (Los Angeles) and Headquarters Programs to facilitate development of special signs and markings for the 2028 Los Angeles Olympic Games.





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