A New Safety Vision

- Established a public commitment to zero road fatalities and serious injuries by 2050, to be achieved through adoption of the Safe System approach, in the:
  - California Transportation Plan 2050;
  - Caltrans 2020-2024 Strategic Plan;
  - California State Transportation Agency’s (CalSTA) California Climate Action Plan for Transportation Infrastructure (CaPTI); and;
  - California’s 2020-2024 Strategic Highway Safety Plan.

- Developed a new Director’s Policy on Road Safety to establish a corporate expectation to prioritize safety in all decisions to reach zero

Building the Program

- Conducted 27 hiring actions to address turnover and established new roles for high-level, ongoing commitment to safety:
  - Executive Safe System Advisor
  - Communication and Strategic Delivery Deputy
  - Proven Safety Countermeasure Champion
  - Safety Target Specialist
  - Dedicated Resource Manager
  - Maintenance Project Liaison

New Safety Tools

- Developed a Safety Effectiveness Tool to estimate the reduction in fatal and serious injuries for all SHOPP projects
- Developed a data dashboard to provide direct access to crash data
- Developed a new district performance measurement tool to track the number of Proven Safety Countermeasures implemented in SHOPP and Maintenance Projects
- Launched new website with one-stop-shop library of Proven Safety Countermeasure tools and guidance
- Prepared the 2021 Traffic Safety Facts document which provides an analysis of crash data highlighting key issue areas, including new findings related to equity
New Safety Guidance

- Issued a department-wide memo to officially adopt the terms “crash” in lieu of the term “accident” when discussing traffic crashes
- Issued Proven Safety Countermeasure Guidance for:
  - Leading Pedestrian Intervals and
  - Rumble Strips
- Issued a new Safety Programs Record Retention Policy

New Safety Programs

- Developed and released the:
  - 2020 Pedestrian Safety Improvement Monitoring Program
  - 2020 Wrong-Way Driver Systemic Safety Improvement Program
  - 2019 Wrong Way Collision Monitoring Program (released 1/2021)

Focus on Speed-Reduction Strategies

- Collaborated to secure the passage of AB-43 (Friedman) and begun implementing speed limit reduction provisions
- Initiated a research project to develop a Safe System approach to settling speed limits in California (to replace the outdated 85th-percentile method)
- Developed interim guidance outlining all available Traffic Calming techniques to increase support for appropriate speeds and complete streets.
- Adopted 13 new speed-related actions to implement specific Zero Traffic Fatalities Task force recommendations.

Safety Awards

- Strategic Highway Safety Plan selected for National Roadway Safety Award
- Established the Caltrans Safety Programs Award and recognized eight staff with the award for their exceptional efforts
Safety Program
Accomplishments 2021

Integrating Safety into the Project Lifecycle

- Established a $40M HM 4 Safety Pilot Program for utilizing Highway Maintenance to quickly implement pedestrian safety improvements, curve warning, and wrong way driving prevention countermeasures at over 2,000 locations by 2023

- Developed new Highway Maintenance safety guidance to include safety improvements in pavement and bridge HM Projects

- Provided advice, approvals, data mining, standards and specifications for safety-related project delivery

- Expanded specifications and guidance to facilitate usage of MASH-compliant temporary barriers in work zones and increased the number of approved MASH compliant safety devices

- Published the SHSP 2020-2024 Update

- Adopted Four Guiding Principles including Integrate Equity, Integrate a Safe System Approach, Double Down on What Works and Accelerate Advanced Technology

- Shifted from “Towards Zero Deaths” to a more aggressive goal of “Zero Fatalities and Serious Injuries”

- Developed a Working Definition of Equity

- Expanded and diversified Executive and Steering Committee Membership

- Established a new SHSP Action Development and Approval Process

- Adopted 25 new actions in the five high priority challenge areas

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