



## 2016 Pilot Pedestrian Collision Monitoring Program

### PURPOSE

The purpose of this Pilot Monitoring Program was to identify and address pedestrian related high collision concentration locations (HCCLs), with the long-term goal of substantially reducing pedestrian fatalities and injuries on the California State Highway System.

### BACKGROUND

This Pilot Monitoring Program addresses Action 1.2 of California Strategic Highway Safety Plan's Pedestrian Challenge Area.

In addition, this pilot program addresses the following targets and objectives:

- 2015-2020 Caltrans Strategic Management Plan Goal 1: Safety and Health
  - *Strategic Objective:* Reduce user fatalities and injuries by adopting a "Toward Zero Deaths" practice
  - *Target:* 10% reduction in number of pedestrian fatalities in a calendar year
- 2017 Traffic Operations Strategic Plan, Targets T1.2.2, T1.2.5, T3.1.1
- Caltrans Mode Share Action Plan 1.0, Tasks 1.4, 2.2, 3.4

### PRIORITY

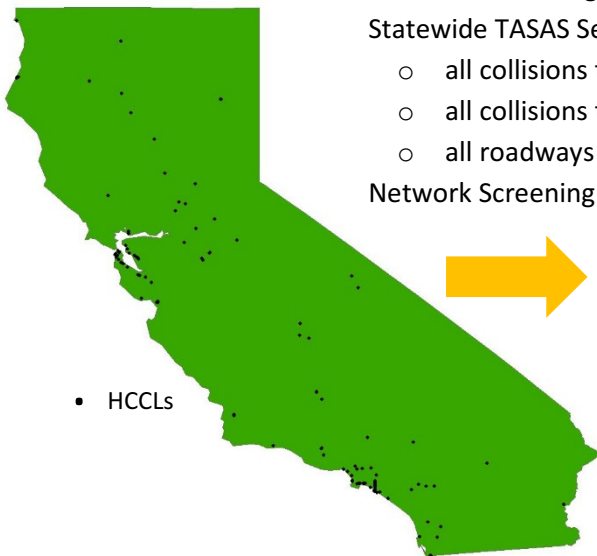
Safety is the Department's highest priority. The improvements initiated by the Pilot Monitoring Program are included in the category of 010 – Safety Improvement Projects.

*Program framework based on research results!*



- Collision Date Range: Most recent five calendar years of data
- Statewide TASAS Selective Accident Retrieval (TSAR) selection criteria:
  - all collisions that include pedestrians or dismantled pedestrians,
  - all collisions that include fatalities or injuries, and
  - all roadways except freeways and expressways.
- Network Screening Method: Sliding Window (i.e., 0.1 mile fixed length window)

### CRITERIA



- HCCLs



Traffic safety investigations were conducted at 129 pedestrian related HCCLs on the State Highway System to determine probable cause and to identify potential countermeasures to reduce collisions involving pedestrians.

### TRAINING

Pedestrian safety training was held for statewide traffic safety staff. Participants learned effective solutions and best practices in design and operations for pedestrian safety. Specific design and operational issues covered included:

- ✓ Sidewalk and walkway design
- ✓ Signs, signals, crosswalks, and safety enhancements
- ✓ Interchange design and alternatives
- ✓ Facilities at signalized intersections
- ✓ Roundabouts designed for pedestrians
- ✓ Traffic calming devices



<b>Pedestrian Collision Monitoring Program Timeline</b>	
<b>Date (Month/Year)</b>	<b>Milestone</b>
7/2016	Pilot 2016 Pedestrian Collision Monitoring Program (HCCLs) released.
4/2017	129 pedestrian related safety (HCCLs) investigations completed.
2/2018	54 MWO from Pilot Monitoring Program (HCCLs) completed.
10/2018	Quarterly progress tracking continues for 29 capital projects from the Pilot Monitoring Program.
1/2019	Pedestrian Collision Monitoring Program (HCCL) criteria to be revised with the help of the Traffic Safety Steering Committee members from Districts 3, 7, 8 and 12, and in coordination with Caltrans District Active Transportation Plans Project Manager
3/2019	Update HSIP Guidelines to reflect revised criteria.
5/2019	2018 Pedestrian Collision Monitoring Program (HCCLs) anticipated to be released.
5/2019	2018 Pilot Pedestrian Collision Monitoring Program (systemic) anticipated to be released.
11/2019	2018 Pedestrian Collision Monitoring Program (HCCLs) investigations anticipated to be completed.
11/2019	2018 Pilot Pedestrian Collision Monitoring Program (systemic) investigations anticipated to be completed.
1/2021	Pedestrian Collision Monitoring Program (HCCLs and systemic) criteria to be revised with the help of the Traffic Safety Steering Committee members.
5/2021	2020 Pedestrian Collision Monitoring Program (HCCLs and systemic) anticipated to be released. Biennial Pedestrian Collision Monitoring Program begins.