



Local Roadway Safety Plan (LRSP)



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Agenda

- Local Roadway Safety Plan Project Overview
- Project Purpose
- Citywide Safety Background and Trends
- Emphasis Areas and Potential Countermeasures
- Next Steps
- Discussion





What is a Local Roadway Safety Plan (LRSP)?

A statewide data-driven traffic safety plan that coordinates the efforts of a wide range of organizations to reduce traffic accident fatalities and serious injuries on all public roads.

What is a Local Roadway Safety Plan (LRSP)?



Program organized and funded by Caltrans.



Creates a framework to systematically identify and analyze safety problems and recommend safety improvements.



Offers a proactive approach to addressing safety needs and demonstrates agency responsiveness to safety challenges.



Necessary to receive Highway Safety Improvement Program (HSIP) funding and makes City competitive for other grant funding opportunities

The Caltrans Strategic Highway Safety Plan address the 4-Es of traffic safety



Engineering

highway design,
traffic, maintenance,
operations, and
planning professionals



Enforcement

State and local law
enforcement
agencies



Education

prevention specialists,
communication
professionals,
educators, and citizen
advocacy groups

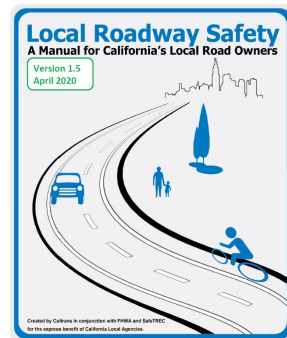
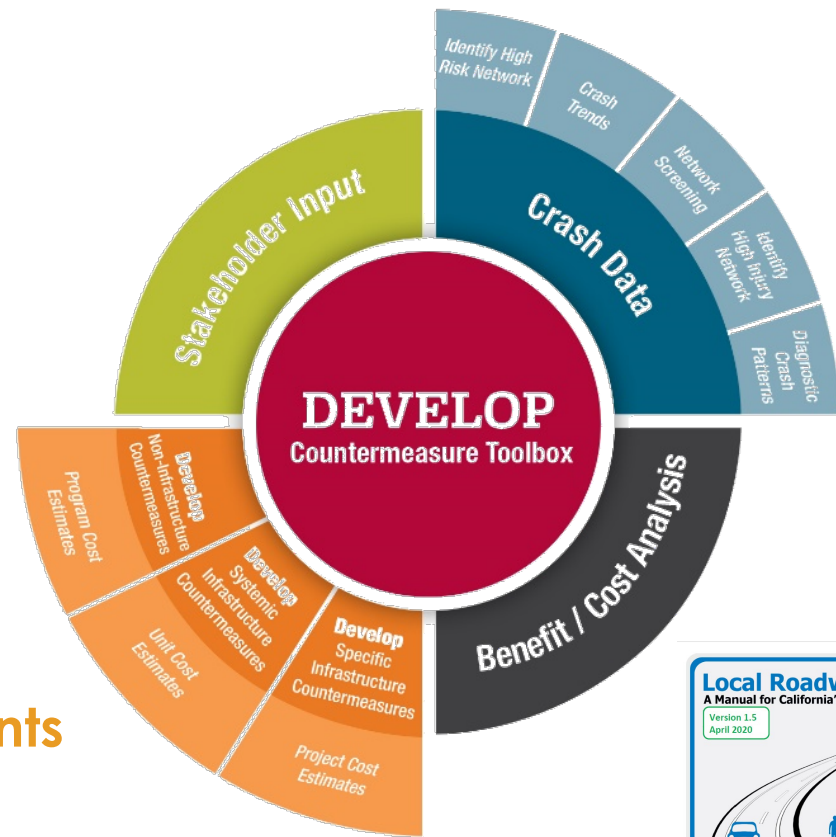


Emergency Services

first responders,
paramedics, fire,
and rescue

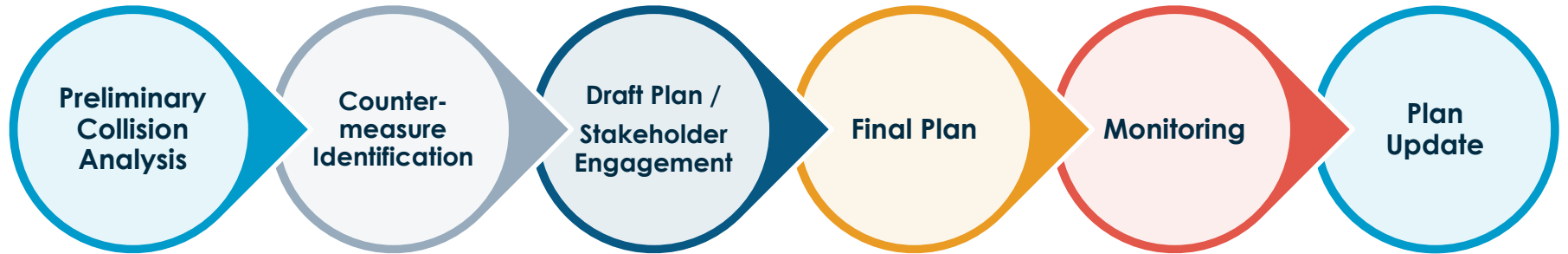
Project Purpose

- ➔ Understand the factors that contribute to collisions
- ➔ Develop strategies to reduce traffic injuries
- ➔ Develop an action plan to prioritize safety improvements
- ➔ Increase the City's competitiveness for safety funding



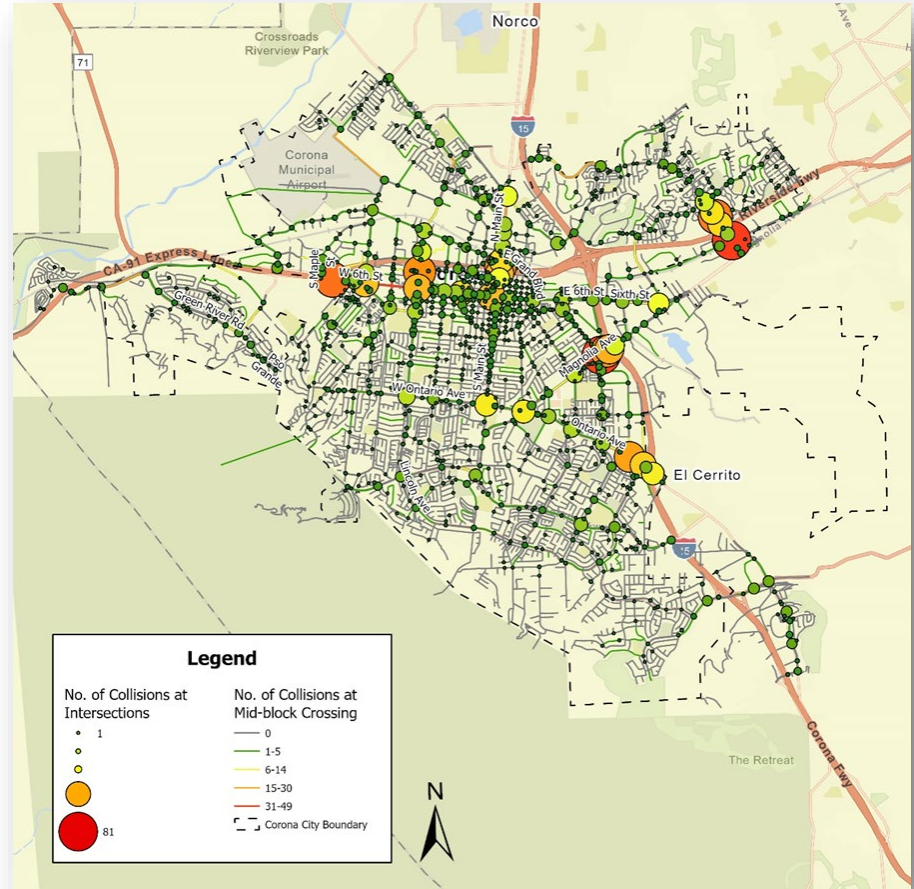
Project Overview

Local Roadway Safety Plan



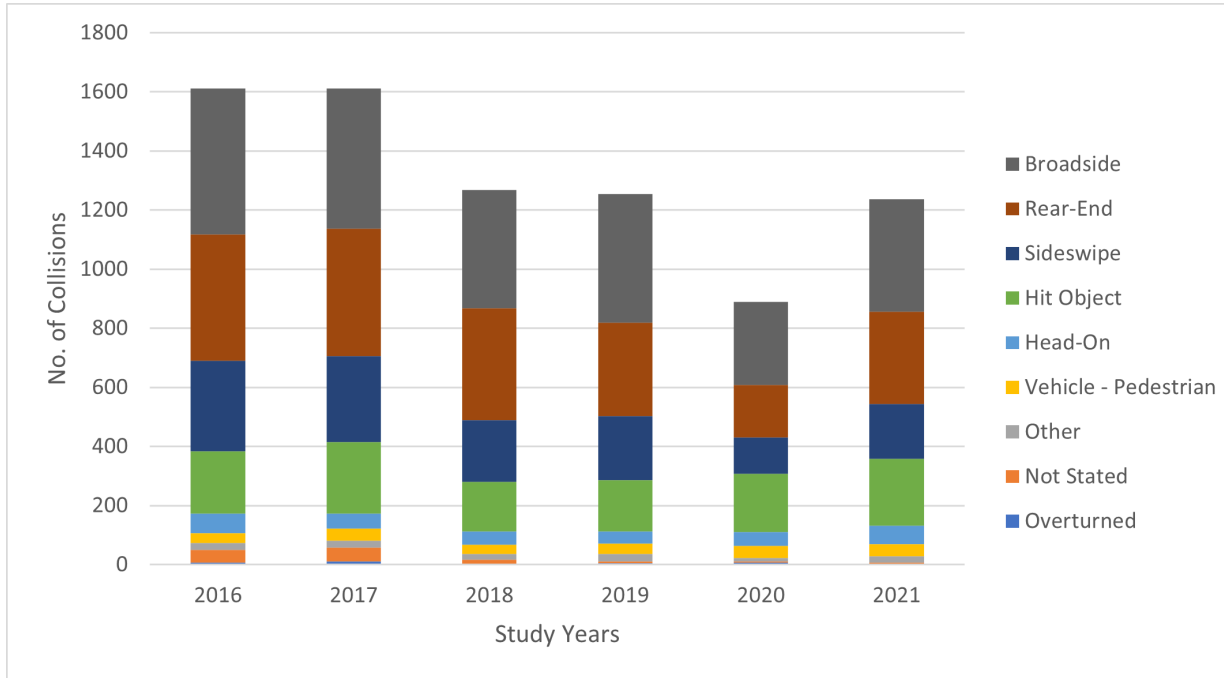
Collision Analysis Results (2016-2021)

- Number of collisions at intersections (250 ft radius)
- Number of collisions along roadway segments between intersections (mid-block)



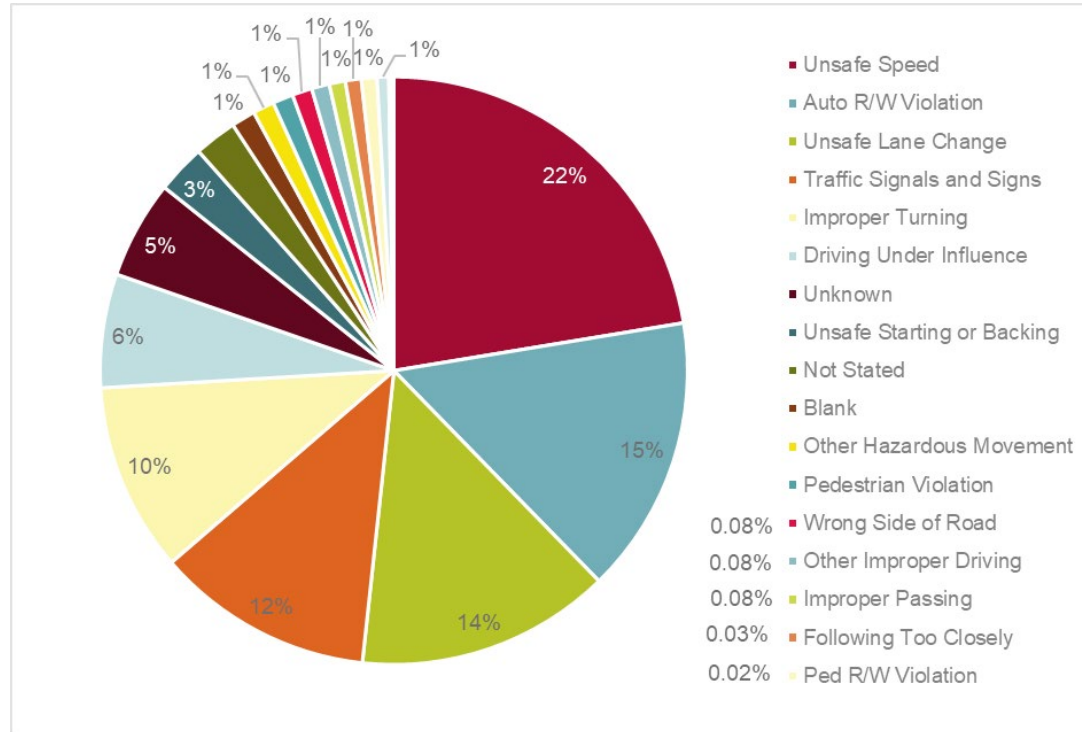
Citywide Safety Background & Trends

Collision Type by Year (2016-2021)

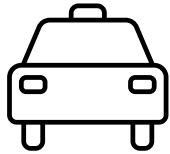


Citywide Safety Background & Trends

Collision Cause (2016-2021)

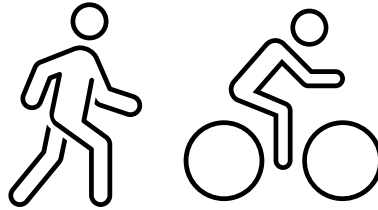


Emphasis Areas and Potential Countermeasures



Speed Management

- Edge line striping
- Speed limit signs and pavement legends
- Signal retiming
- Speed feedback signs



Vulnerable Road Users (Pedestrians and Bicyclists)

- Curb bulb-outs
- Leading Pedestrian Interval timing
- Midblock crosswalks
- Buffered bike lanes
- High visibility crosswalks



Lane Departure

- Curve chevron signs
- Curve chevron beacons
- Median islands
- In-pavement reflectors
- Rumble strips along edge lines and centerlines

Next Steps

- Finalize Local Roadway Safety Plan Report
- Identify Project scopes for grant funding opportunities
- Apply for Highway Safety Improvement Program (HSIP) grant
 - State funded
 - Due September 12, 2022
- Apply for Safe Streets and Roads for All (SS4A) grant
 - Federal funded
 - Due September 15, 2022

Questions?



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