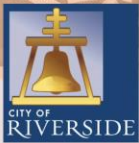


CITY OF RIVERSIDE
LOCAL ROADWAY SAFETY PLAN



PREPARED FOR:



PREPARED BY:

Kimley»Horn

LOCAL ROADWAY SAFETY PLAN

**Public Works Department
Traffic Engineering Division**

Transportation Board Meeting
Wednesday, November 2, 2022
5:30 PM



RiversideCA.gov

BACKGROUND

- Project Overview
- Case Study Locations
- Emphasis Areas
- Countermeasures Identified
- Recommendations
- Next Steps

PROJECT OVERVIEW

What is a Local Road Safety Plan (LRSP)?

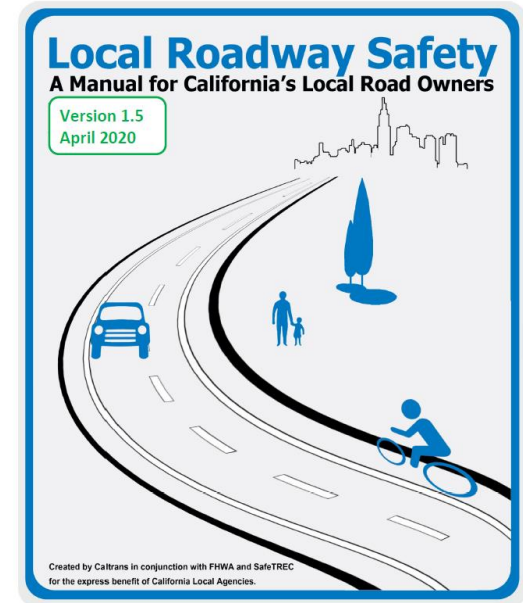
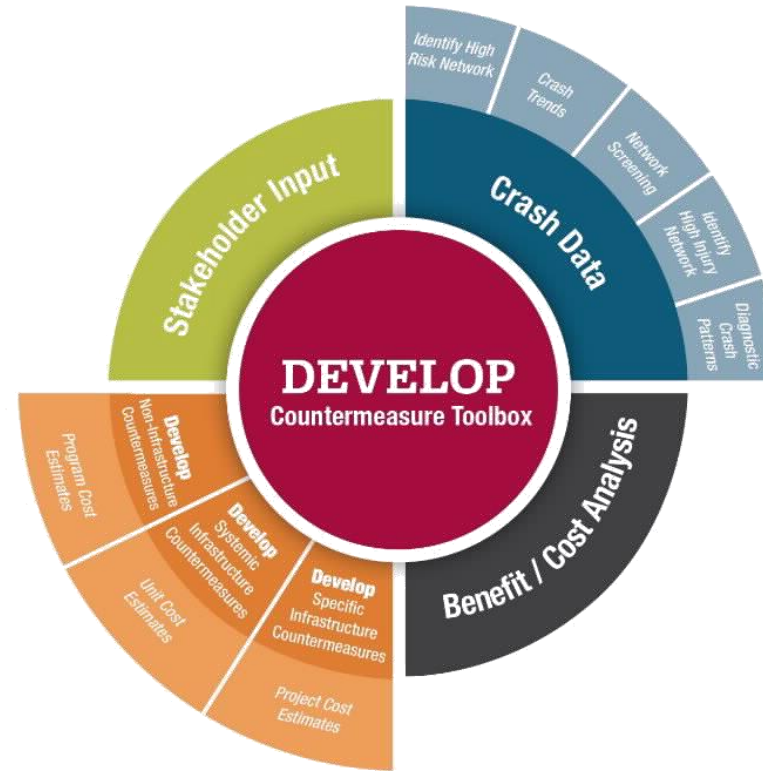
A statewide **data-driven** traffic safety plan that coordinates the efforts of a wide range of organizations to reduce traffic accident fatalities and serious injuries on all public roads.

An LRSP:

- 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.
- Is a program organized and funded by Caltrans
- Is necessary to receive Highway Safety Improvement Program (HSIP) funding and makes City competitive for other grant funding opportunities

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



GRANT OPPORTUNITIES

Highway Safety
Improvement Program
(HSIP)



Safe Streets 4 All

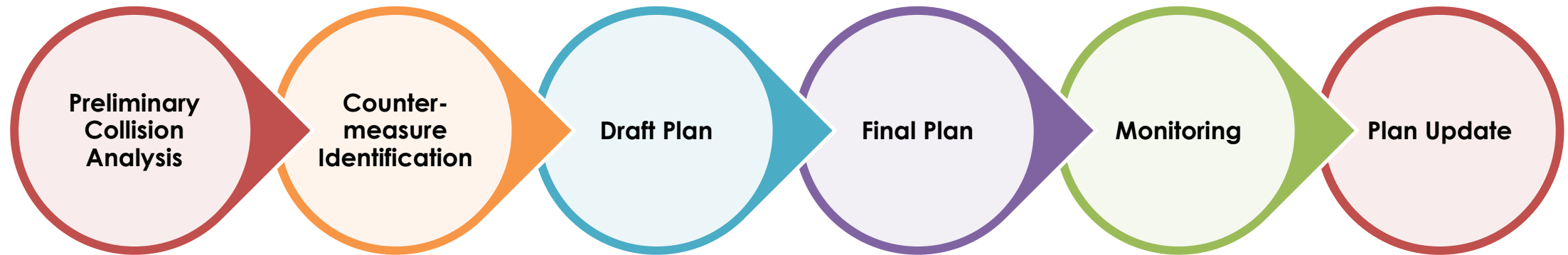


PROJECT PROCESS

Stakeholder Engagement

Stakeholder Meeting #1: August 4, 2022

Stakeholder Meeting #2: September 1, 2022

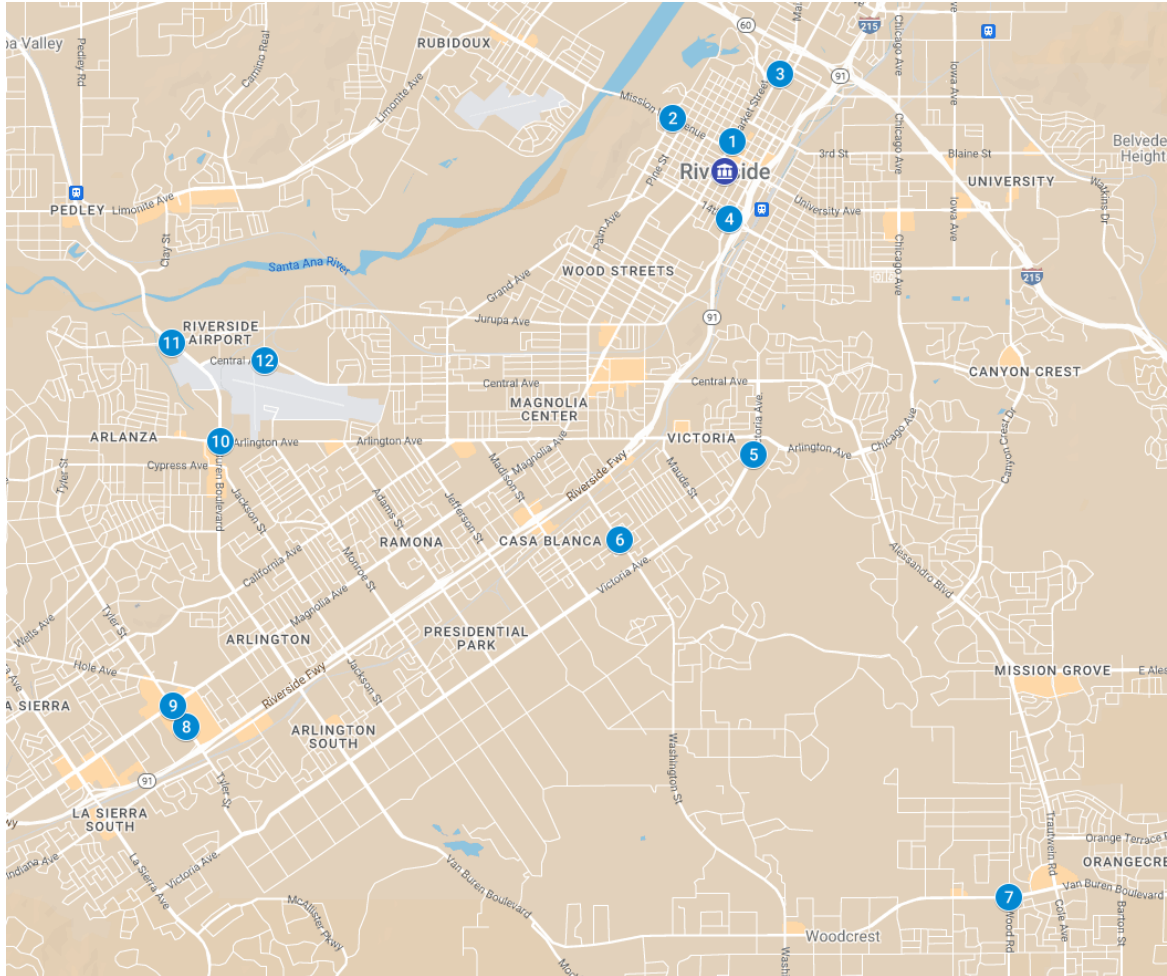


STAKEHOLDER ENGAGEMENT

- Riverside Police Department
- UC Riverside
- Riverside Unified School District
- Riverside Community Health Foundation
- Center for Environmental Research and Technology (UCR CE-CERT)
- Riverside Downtown Partnership
- Riverside Bicycle Club



CASE STUDY LOCATIONS



1. Market Street & 6th Street
2. Mission Inn Avenue: Redwood Dr to Bridge
3. Main Street: Spruce St to Poplar St
4. 14th Street & Olivewood Avenue
5. Victoria Avenue & Lincoln Avenue
6. Washington Street & Lincoln Avenue
7. Van Buren Boulevard & Wood Road
8. Tyler Street & Hemet Street
9. Tyler Street & Magnolia Avenue
10. Van Buren Boulevard & Arlington Avenue
11. Van Buren Boulevard & Jurupa Avenue
12. Central Avenue: Fremont St to Wilderness Ave

EMPHASIS AREAS

- Vulnerable Road Users (Pedestrians & Bicyclists)
- Impaired Driving
- Intersection Improvements
- Aggressive Driving

Countermeasures for Emphasis Area #1- Vulnerable Road Users (Pedestrians and Bicyclists)

- Implement Leading Pedestrian Interval (LPI) signal timing
- **Install continental crosswalks (high-visibility)**
- Install bike lanes
- **Install audible pedestrian push buttons**
- Install curb extensions
- Convert intersection to mini-roundabout



Install continental crosswalks

Install audible pedestrian push button (hands-free)

Countermeasures for Emphasis Area #2- Impaired Driving

- Authorize, publicize, and conduct sobriety checkpoints programs
- Implement an impaired driving education campaign



Additional sobriety checkpoints

Countermeasures for Emphasis Area #3- Intersection Improvements

- **Install retroreflective backplates**
- Provide advanced dilemma zone detection system
- Install flashing stop sign beacons at un-signalized locations



Install retroreflective backplates to increase visibility of signals

Countermeasures for Emphasis Area #4 - Aggressive Driving

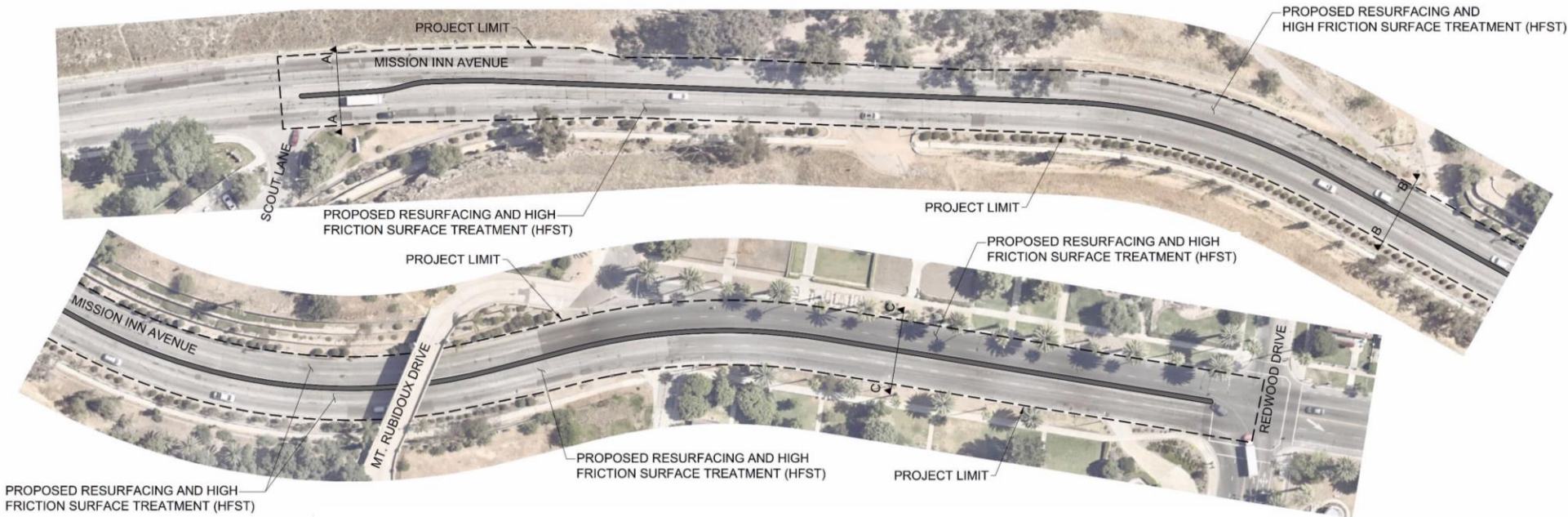
- Install curve warning signs
- **Install speed feedback signs**
- Install/Extend raised median improvements
- Install striping to delineate parking and travel lanes



Install speed feedback signs

HSIP CYCLE 11 GRANT APPLICATION

- Applied for funding in HSIP Cycle 11: \$9+ mil grant
 - Mission Inn Ave median improvements
 - Leading Pedestrian Interval and Retroreflective Backplates at signalized intersections



NEXT STEPS

- City Council Meeting and LRSP Adoption
- Implementation and Monitoring
- Update in 5 Years

STAFF RECOMMENDATION

- **RECOMMENDATION:** That the Transportation Board recommends that the City Council approve and adopt the final draft version of the City of Riverside Local Road Safety Plan (LRSP)