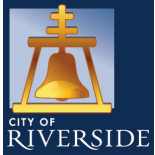


**LOCAL ROADWAY SAFETY PLAN**

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**Public Works Department**

**City Council**  
December 13, 2022




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## TRANSPORTATION BOARD REVIEW

On November 2, 2022, the Transportation Board unanimously recommended that the City Council approve and adopt the proposed Riverside LRSP document



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## BACKGROUND

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



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## 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




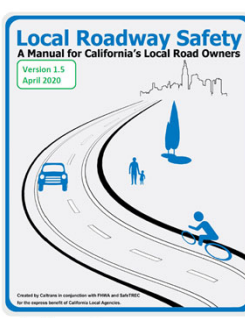
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## PROJECT PURPOSE

- 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

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## GRANT OPPORTUNITIES

Highway Safety Improvement Program (HSIP)



Safe Streets 4 All





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# PROJECT PROCESS



\*This technical/ data-driven analysis & engagement builds on the 40+ community meetings held for the Riverside PACT and is a precursor to engagement that will be held for the General Plan Circulation Element Update



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# EMPHASIS AREAS

1. Vulnerable Road Users (Pedestrians & Bicyclists)
2. Impaired Driving
3. Intersection Improvements
4. Aggressive Driving



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## 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)



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## COUNTERMEASURES FOR EMPHASIS AREA #2- IMPAIRED DRIVING

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



Additional sobriety checkpoints



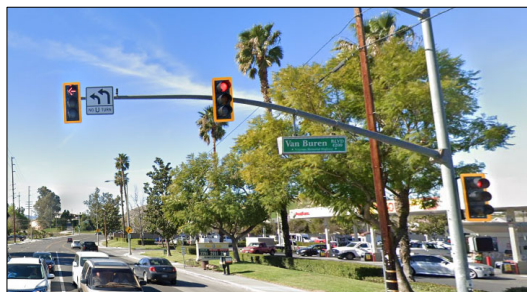
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## COUNTERMEASURES FOR EMPHASIS AREA #3- INTERSECTION IMPROVEMENTS

- **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



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## 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



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## STRATEGIC PLAN ALIGNMENT

### **Strategic Priority 6 - Infrastructure, Mobility, & Connectivity**

**Goal 6.2:** Maintain, protect and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity

#### Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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## RECOMMENDATION

That the City Council adopt a Resolution to approve the proposed City of Riverside Local Roadway Safety Plan.



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## ADDITIONAL INFORMATION



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## STAKEHOLDER ENGAGEMENT

- Partners Include:
  - 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
- Engagement augments the 40+ Community Meetings held for the Riverside PACT
- Findings from LRSP to be integrated into General Plan Circulation Element



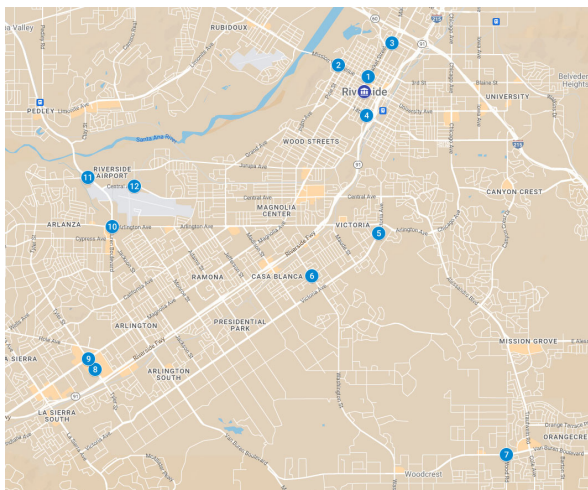
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# CASE STUDY LOCATIONS



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



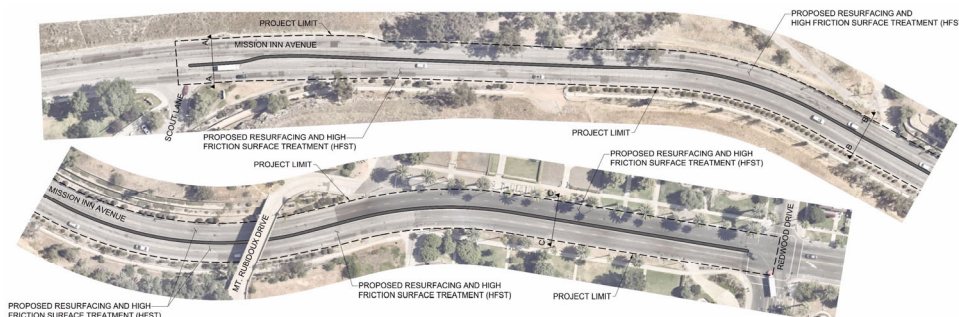
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# HSIP CYCLE 11 GRANT APPLIATION

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



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