# MLRSP

## Multijurisdictional Local Road Safety Plan

Coalinga City Council Presentation

February XX, 2022

# Overview

- What is a Local Road Safety Plan?
- Why was the LRSP created?
- What is in the LRSP?
- What happens next?

*Source: Federal Highway Administration*

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# What is a Local Road Safety Plan?

Analyzes historical crash patterns and trends

Identifies engineering, education, emergency response, and enforcement countermeasures and strategies

Prioritizes safety improvements based on crash data and stakeholder engagement

Meets federal safety plan guidance and Caltrans LRSP requirements

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# Why was the LRSP Created?

*Source: Fresno COG*

Builds from the Fresno COG Regional Safety Plan

Funded by Caltrans grant program

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# Why was the LRSP Created?

- To encourage **collaboration** across the region and with local safety partners
- To discuss traffic safety **issues** and **solutions**
- To clearly identify **priorities** and a plan for **implementation**
- To enable Coalinga to apply for Highway Safety Improvement Program (HSIP) **grant funding**

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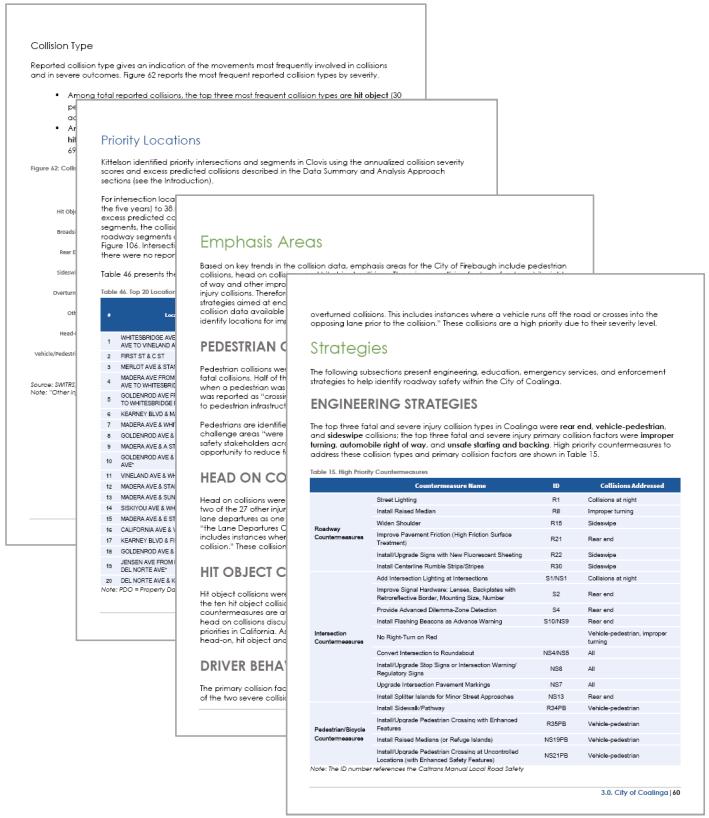
# What is in the LRSP?

- Vision and Goals
- Safety Partners
- Performance Measures
- Data Summary
- Existing Roadway Safety Performance
- Emphasis Areas
- Strategies
- Evaluation and Implementation

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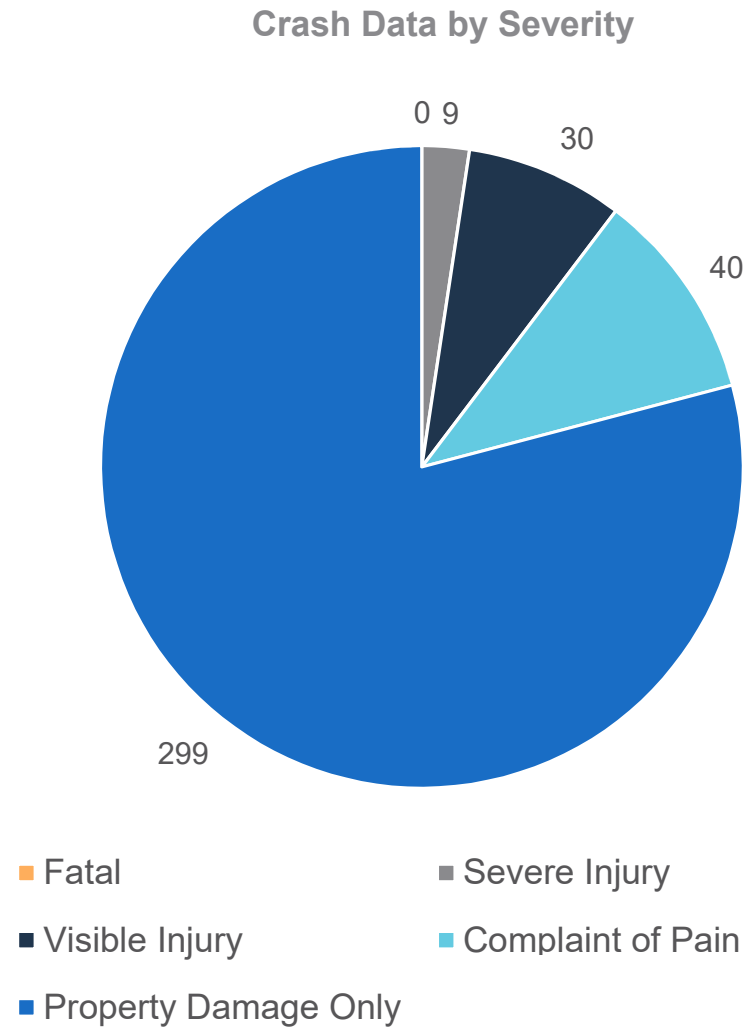
# What is in the LRSP?

## Vision:

*Enhance the existing roadway network in a cost-effective manner that promotes traffic safety, meets the needs of the community and enriches the lives of residents.*



# What is in the LRSP?

## Safety Partners

- Coalinga Fire Department
- Coalinga Police Department
- Coalinga-Huron Unified School District
- Fresno Council of Governments
- Public Works and Utilities

COALINGA EST 1903 FIRE

COALINGA 1927 POLICE DEPARTMENT

COALINGA-HURON UNIFIED SCHOOL DISTRICT
Engage, Challenge and Inspire

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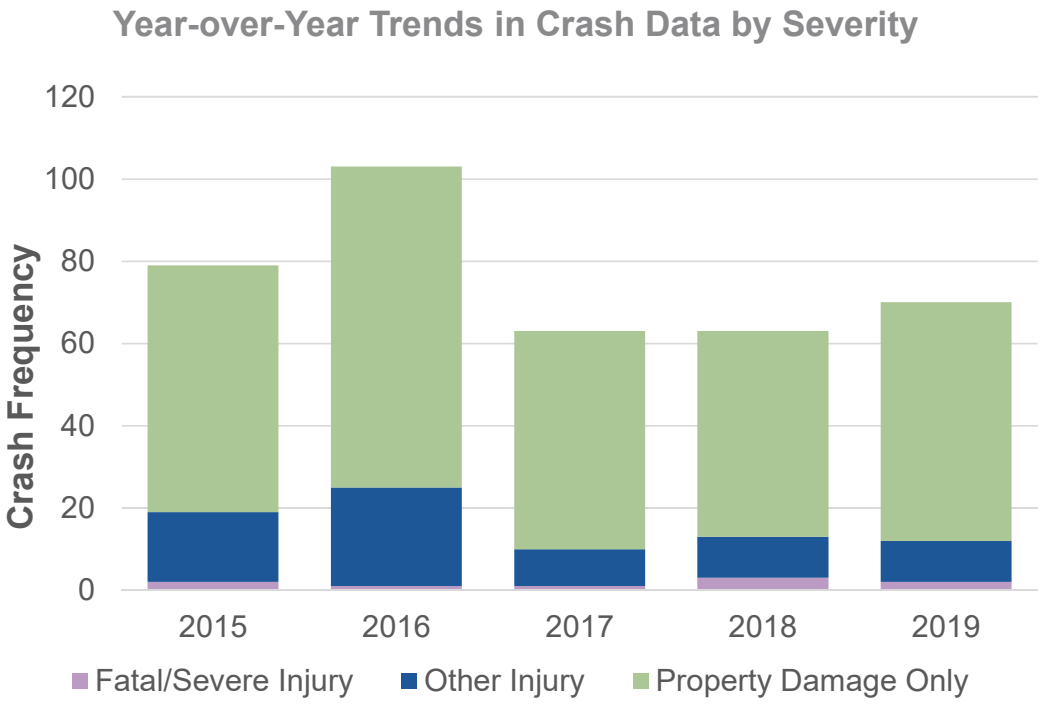
THE CITY OF COALINGA 1906

# What is in the LRSP?

## Existing Roadway Safety Performance




**378 reported crashes in 2015-2019**

0 fatal crashes

9 severe injury crashes

*Source: SWITRS, TIMS, Kittelson, 2021*

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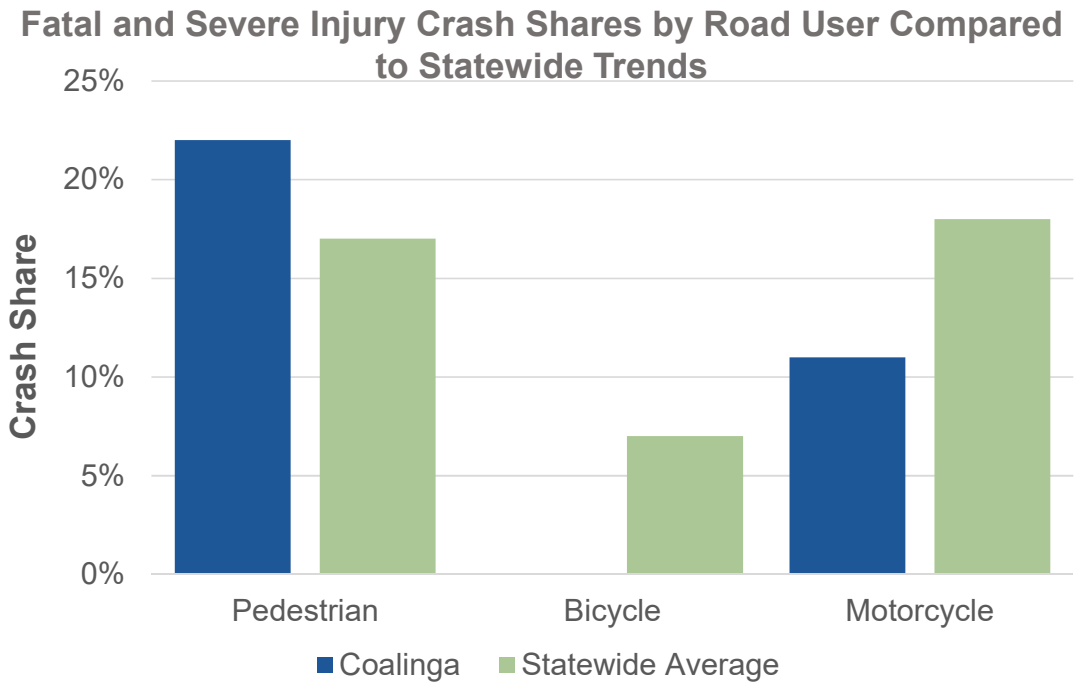
# What is in the LRSP?

## Existing Roadway Safety Performance

Coalinga compared to statewide average:

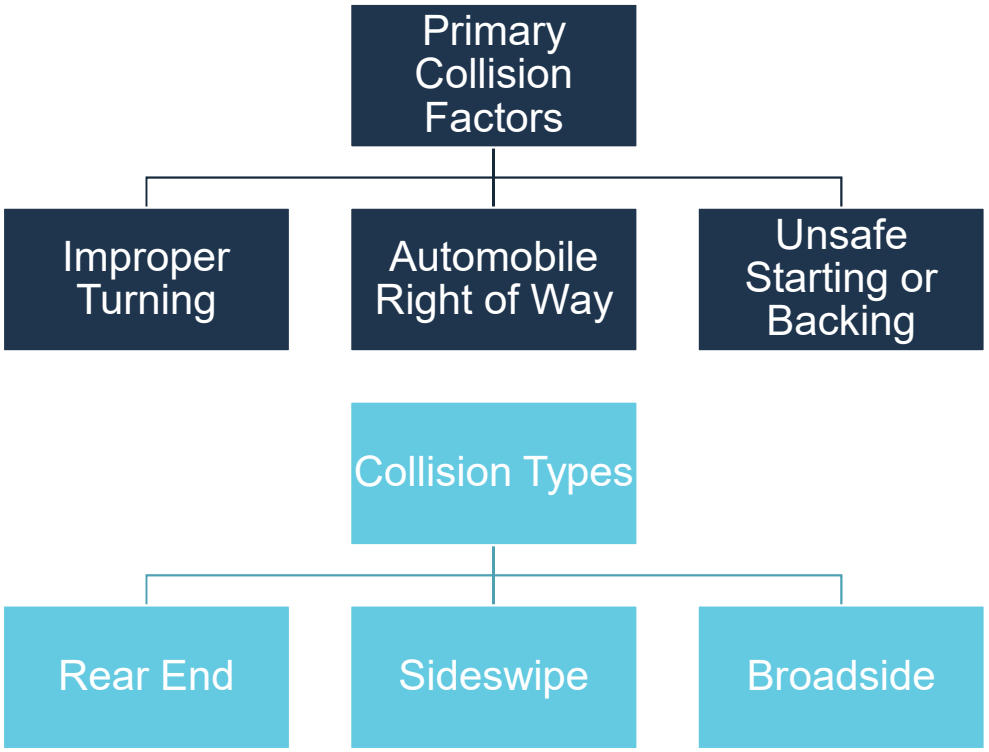
- Higher share of pedestrian crashes
- No bicycle crashes
- Lower share of motorcycle crashes

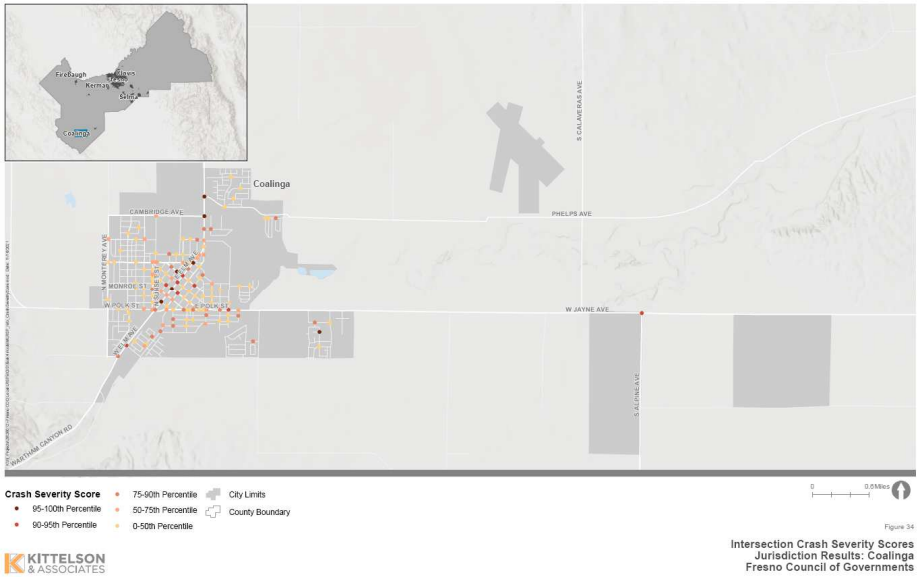



*Source: SHSP, SWITRS, TIMS, Kittelson, 2021*

# What is in the LRSP?

## Existing Roadway Safety Performance

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# What is in the LRSP?

**Emphasis Areas**

- **Rear End Crashes**
- **Pedestrian Crashes**
- **Intersection Control and Approach**

High priority challenge areas in the California Strategic Highway Safety Plan

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# What is in the LRSP?

## Strategies

**Engineering**

Geometric/operational changes to a roadway, intersection, or pedestrian/bicycle infrastructure

**Education**

Programs aimed at distributing educational messages focused on road user behavior

**Emergency Services**

Programs/policies that facilitate coordination with emergency/first responders

**Enforcement**

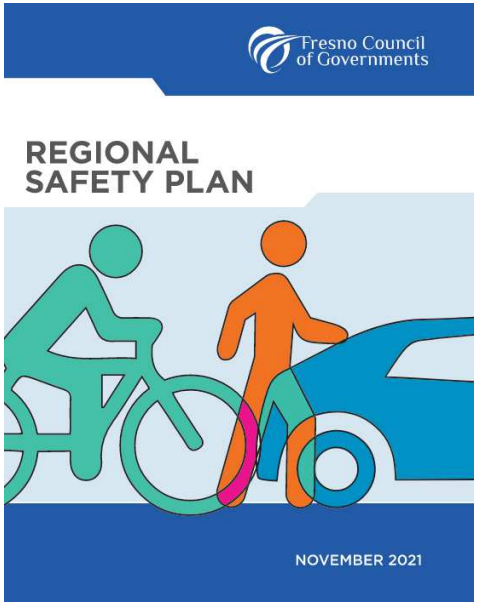
Programs/campaigns focused on road user behavior through more visible and active enforcement

# What is in the LRSP?

## Engineering Strategies

- Addresses top fatal and severe injury collision types and primary collision factors
- Utilizes Regional Countermeasures Toolbox
- Includes roadway, intersection, and pedestrian/bicycle treatments
- Provides priority intersections and segments
- Examples: street lighting, splitter islands, enhanced crossings

The toolbox is used when considering safety improvements and determining which are eligible for grant funding



# What is in the LRSP?

## Education Strategies

- Regional campaign - Safe Roads Save Lives
- Campaign Goals
  - Educate all road users on safe behaviors
  - Increase safety for people walking and biking
  - Highlight behaviors that cause the most crashes in Fresno County – speeding and distracted driving
- Guidance and materials in Regional Safety Plan

SAFE ROADS SAVE LIVES

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# What is in the LRSP?

## Education Strategies

- FresnoCOG has the *Safe Roads Save Lives* materials to share with local partners
- Recommended activity:
  - Identify lead staff
  - Meet with advocacy groups
  - Work with school districts
  - Spread materials through social media, print materials, outdoor advertisements, PSAs, websites

SAFE ROADS SAVE LIVES

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# What is in the LRSP?

## Emergency Response Strategies

- Involve emergency service organizations in roadway safety projects
- Consider impact of roadway projects on response times
- Coordinate to share observations and identify issues early

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# What is in the LRSP?

Coalinga currently conducts heightened enforcement events and has found them effective.

## Enforcement Strategies

- Strategic speed enforcement checks
- Focused enforcement in locations with high crash rates
- Automatic enforcement, especially in school zone
- Speed feedback signs in targeted areas

Crash data can help identify priority locations and times of day

Enforcement strategies should be undertaken with due caution to avoid inequitable enforcement activities

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# What happens next?

- Continue to coordinate with regional and local safety partners
- Regularly collect and organize data based on the performance measures
- Update the LRSP every three to five years

Performance Measures based on:

Number of annual crashes with key characteristics

Investments made in traffic safety

Coordination efforts between stakeholders

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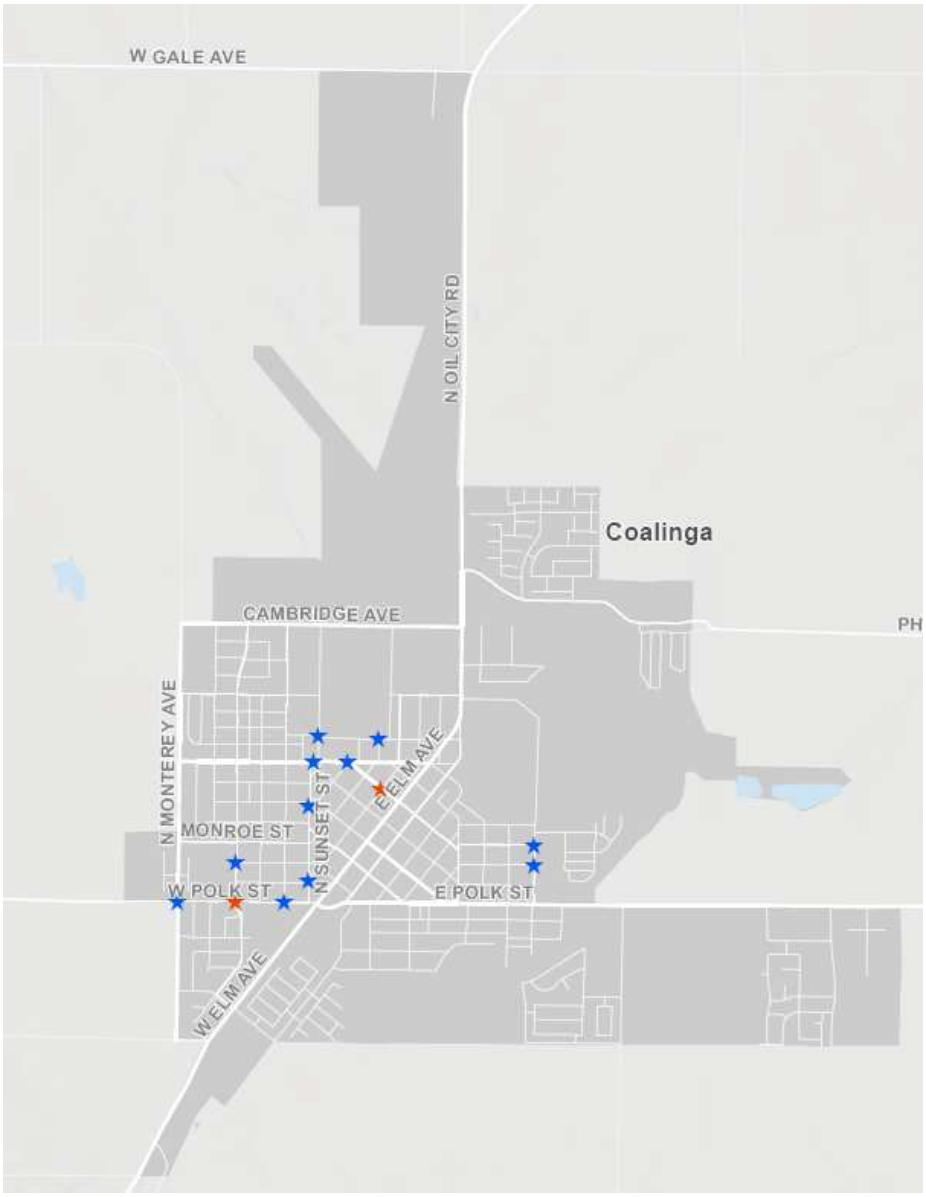
# What happens next?

- Identify countermeasures and strategies to implement
- Explore funding opportunities
- Apply for HSIP funding
  - ★ Two RRFB locations
  - ★ Eleven enhanced crosswalks



# Questions?

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