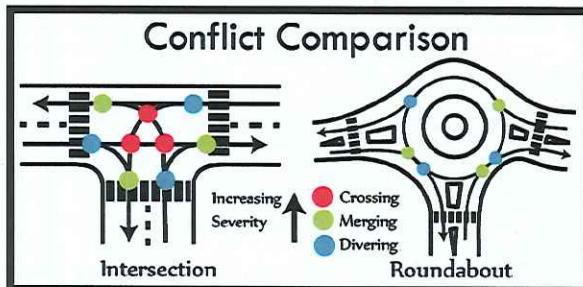


Location: SR 129 (Riverside Rd) and Lakeview Rd Intersection in Santa Cruz county near Watsonville.

Need: Intersection is used by freight and goods movement, currently making up 14% of the traffic. Transitional point from rural to urban setting.

Purpose: Intersection improvements for safety and conflict reduction.



Solution: Construct a roundabout that has the means to support the freight and commuter routes through:

- Narrowing the available travel lanes
- Yields allows for a minimum delay and idling
- Reducing speed to about 20 mph
- Reducing the number and severity of any collision
- Increasing the capacity
- Reduces fuel consumption, emissions and noise
- Has the potential to increase capacity without extensive construction
- Low maintenance cost
- Less vehicle wear and tear.

Cost & Schedule

This project is eligible for federal funding paid for by the State Highway Operations and Protection Program at an amount of 4.5 million dollars. Construction would begin 2020.



Stakeholders



(add any businesses/ groups that have been involved)

Contact Information



**Caltrans
Project Manager**
Luis Duazo
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SR 129 / Lakeview Rd Intersection Improvements



Roundabout Safety & Intersection Design

Caltrans Mission Statement:

Provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability.



FUTURE:

- Road (or pedestrian) Roundabout - Paid with Federal Fund
- Pedestrians can cross one direction of traffic at a time
- Accidents, 76% Reduction in injuries, 90% in
- An anticipated 35% reduction in all
- Pedestrians cross in two stages using the
- Central Island - Native drought resistant plants
- Aesthetic pleasing
- Prevent headights from hitting through
- Stay in one lane at entry points but overlap in circulatory roadways
- Designed for the largest legal California
- Trucks and oversized vehicles.
- Splitter Island - Advanced island berms
- Raised Island Curves
- Accounts for Bike as a vehicles (i.e. Shared

Existing:

Existing:

- 3-Way Stop - Three were 7 injuries and 1 fatality out of the 23 collisions from the last 5 years
- Intersections - Dirt and debris in the shoulder
- Land - 8ft shoulders with surrounding Agricultural fields
- Two Lane County road with 12ft lanes and little to no sidewalk
- Bike access but is not a separate lane
- Cycle traffic is usually recreational and touring groups
- Foot traffic is possible, if workers park on the shoulder and walk to work

