

# State Route 126 Safety Enhancement Project

Public Scoping Meeting  
January 27 & February 3, 2016

## Agenda

Registration/Open House	06:00-06:30 pm
Presentation	06:20-07:00 pm
Open House/ Comment Submittal	07:00-08:00 pm
Meeting Adjourn	08:00 pm



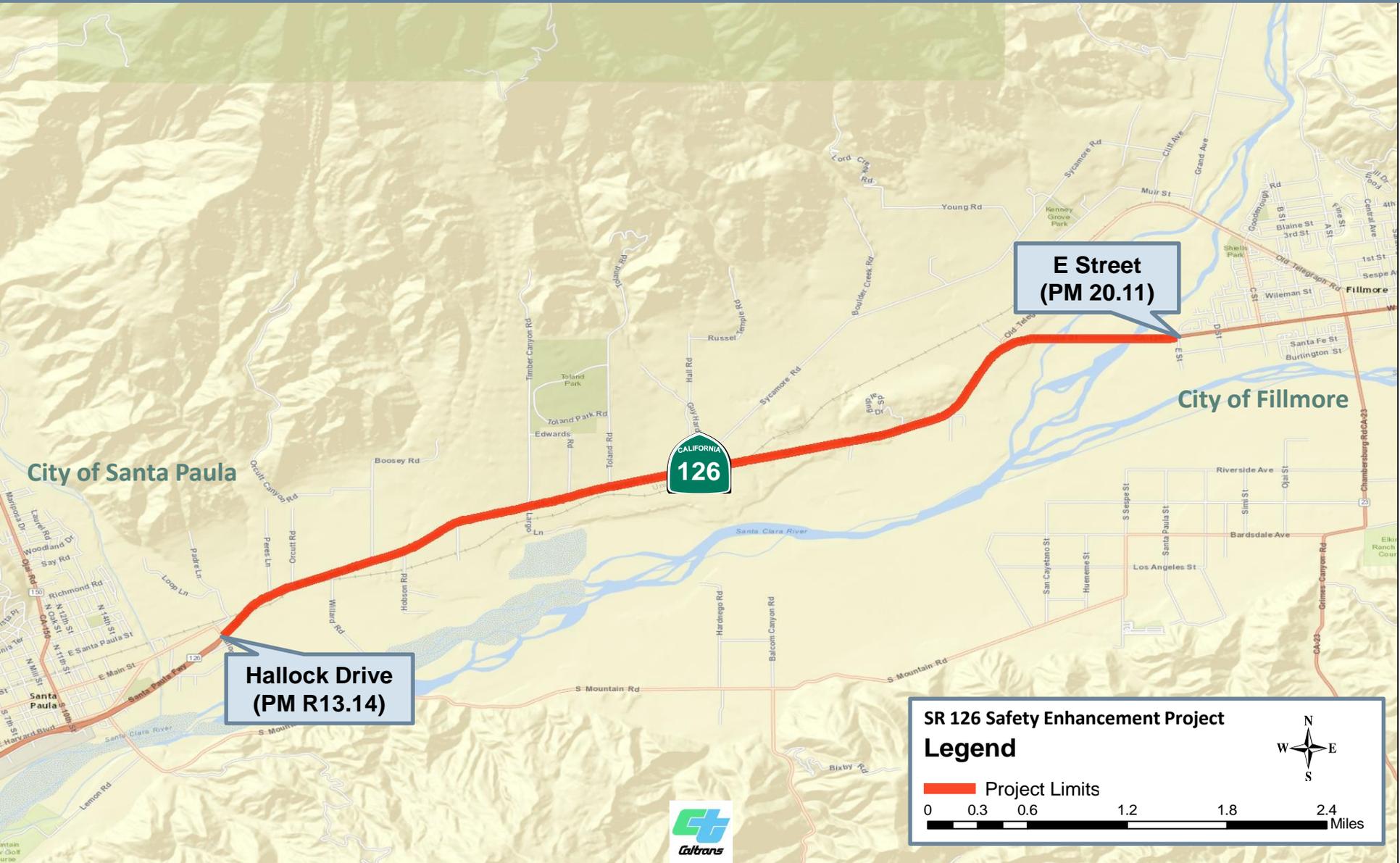
# AGENDA

- Welcome and Introduction
- Overview of Scoping Process
- Project Description
- Overview of Environmental Process and Considerations

# ENVIROMENTAL SCOPING

- **What is Scoping?**
  - Define the Proposed Project
  - Define the Proposed Project Alternatives
  - Determine major issues for environmental analysis
  - Identify potential impacts and issues of concerns
- **What is Your Role?**
  - Get involved early and participate in the environmental process
  - Provide comments and project relevant information by March 4, 2016
  - Identify your affiliation or agency contact person
  - Stay involved

# PROJECT STUDY AREA & LIMITS



City of Santa Paula

E Street  
(PM 20.11)

Hallock Drive  
(PM R13.14)

City of Fillmore



**SR 126 Safety Enhancement Project**

**Legend**

Project Limits

0 0.3 0.6 1.2 1.8 2.4 Miles



# PROJECT BACKGROUND

- Pattern of accidents and a request from local representatives initiated a Traffic Investigation Report (TIR) (2007/08)
- Caltrans Project Study Report completed (2011) recommends Median Barrier as one option
- Measures implemented while Caltrans investigates additional solutions
  - Speed limit reduced from 60 to 55 mph (2009)
  - Rumble strips and speed-feedback signs installed (2012)
- Caltrans invites Federal Highway Administration (FHWA) to conduct a Road Safety Assessment (2014)
- Caltrans develops raised median option (2015)

# PURPOSE

- Purpose
  - To enhance safety on State Route 126 within the project limits
- Need
  - Traffic Accidents/Type of Collisions
  - Narrow Driveways
  - Railroad Crossings
  - Uncontrolled U-turns, left turns and numerous access points

# CONCEPTS FOR IMPROVEMENTS

- High speeds
- Facility for U-turns – roundabouts
- In and out movements from private driveways
- Additional lanes at Railroad Crossings for trucks

# RANGE OF ALTERNATIVES

**Alternative 1**

**No Build**

**Alternative 2  
Design Option 1**

**Concrete Median Barrier**

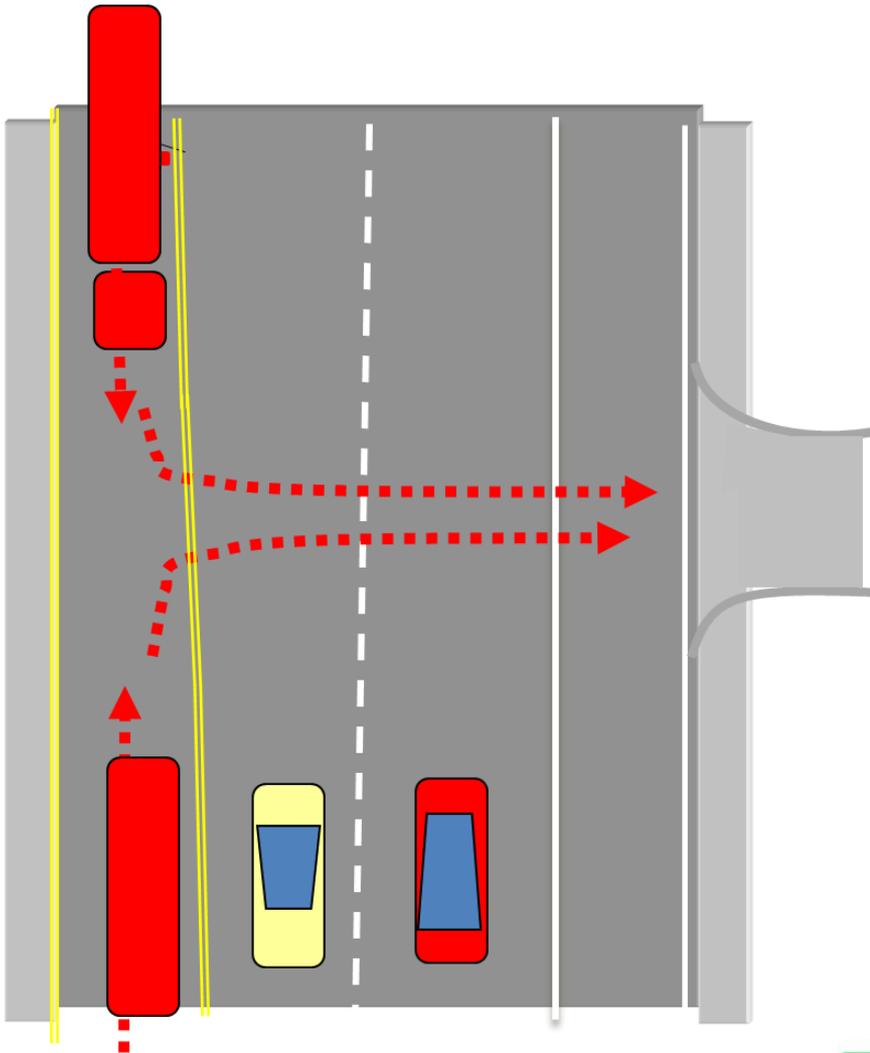
**Alternative 2  
Design Option 2**

**Raised Median Island with  
Visual Markers**

## **Common Build Features**

- Construct roundabouts
- Widen road curves
- Acceleration/Deceleration lane at railroad crossings
- Construct retaining walls
- Improve existing highway access including driveways at various locations

# EXISTING CONDITIONS



Different Vehicular Speeds



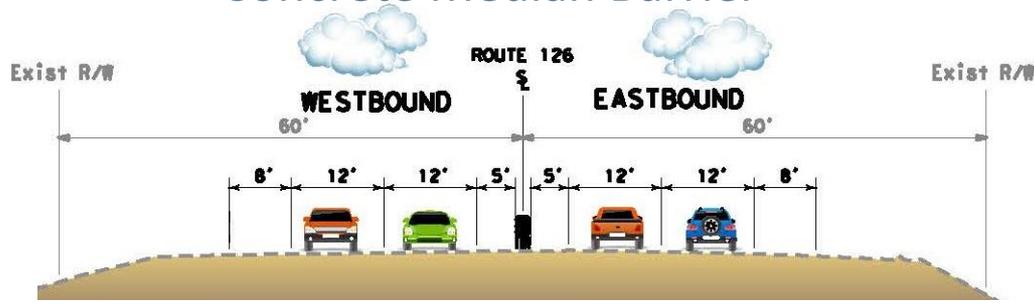
Narrow Driveways



Large Turning Radius

# BUILD ALTERNATIVE CROSS SECTIONS

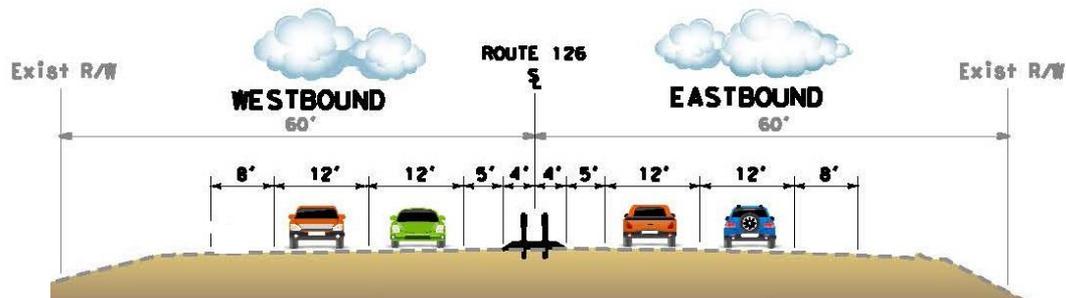
## Build Alternative 2 Option 1 Concrete Median Barrier



3 Ft HIGH CONCRETE BARRIER/(DOUBLE THRIE BEAM BARRIER AT FLOODPLAINS)



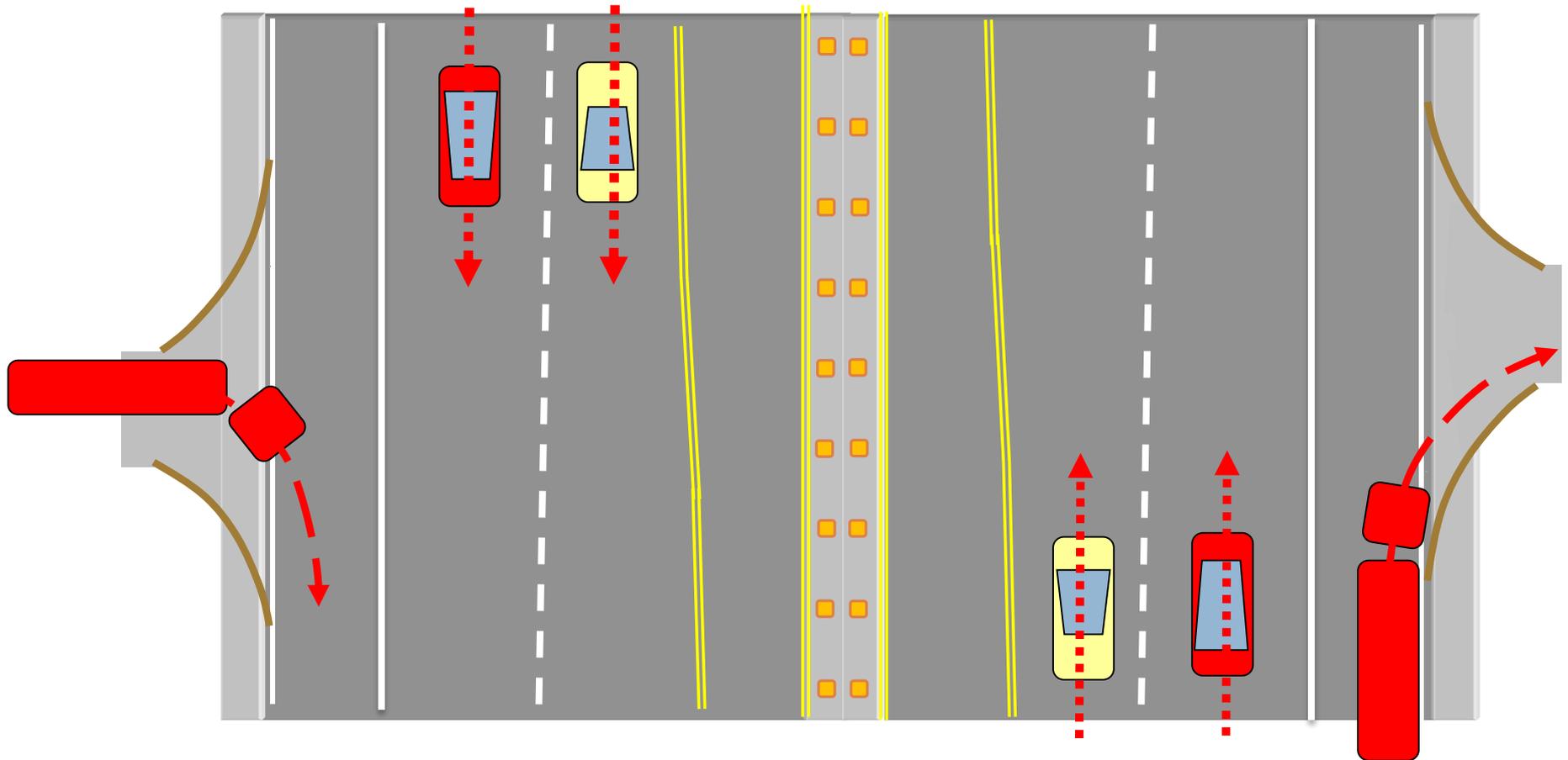
## Build Alternative 2 Option 2 Raised Median Island with Visual Markers



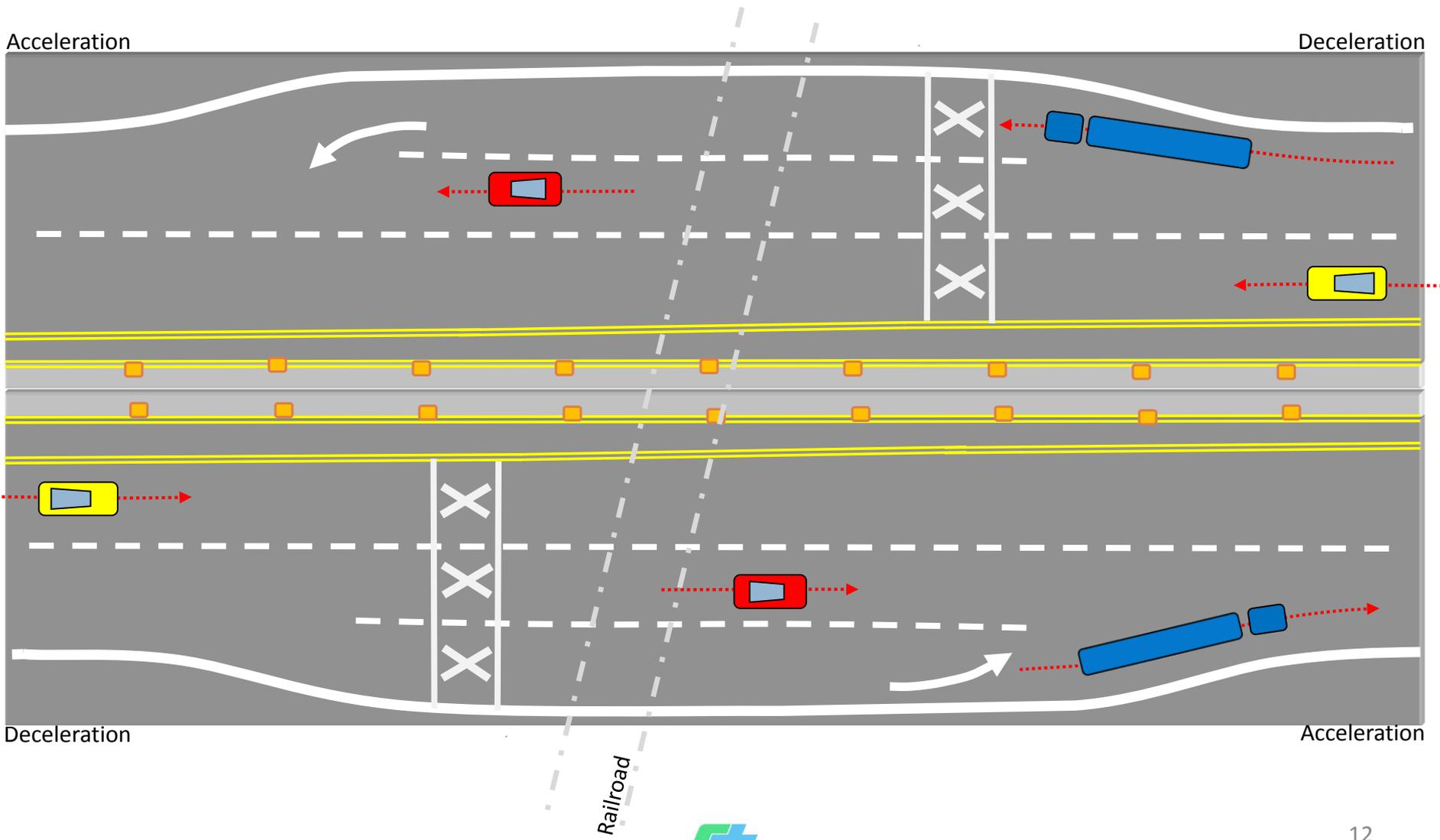
4 IN. RAISED MEDIAN ISLAND WITH SURFACE MOUNTED VISUAL MARKERS SPACED AT 10 FT. INTERVALS



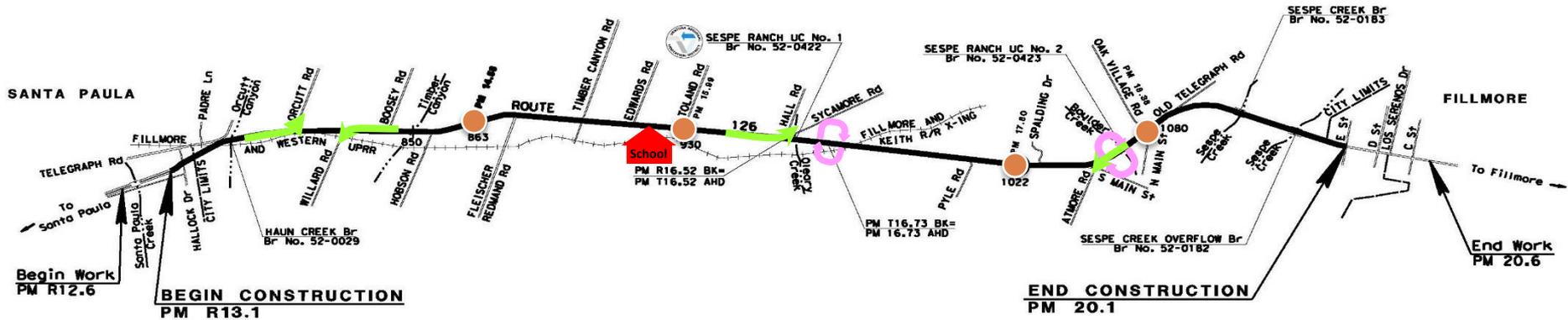
# IMPROVED DRIVEWAY ACCESS TURN MOVEMENTS



# DECELERATION/ACCELERATION LANE AT RAILROAD CROSSINGS

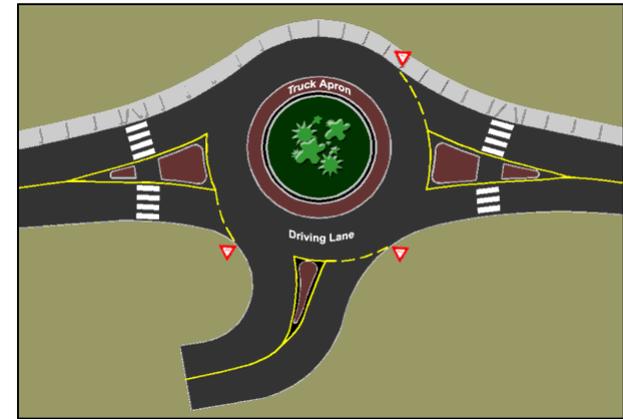


# PROJECT LAYOUT

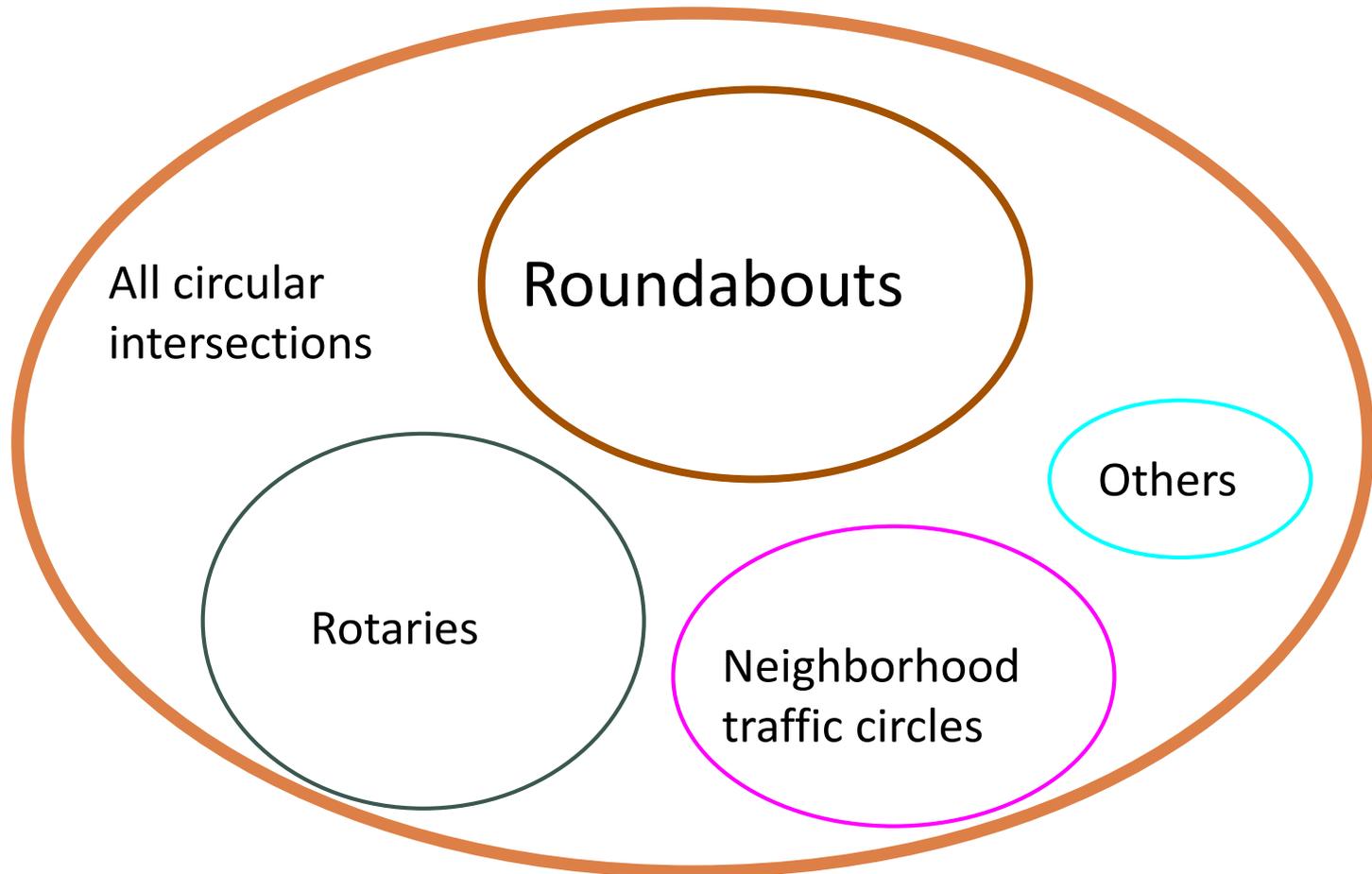


	<b>Roundabout Locations</b>
	East of Hobson Road
	Toland Road
	West of Spalding Drive
	Old Telegraph Road
	<b>Undercrossing Locations</b>
	Near Old Village Road
	Near Hall/ Sycamore Road

	<b>Left Turn Locations Maintained</b>
	Orcuit Road
	Willard Road
	Hall/Sycamore Road
	Atmore Road



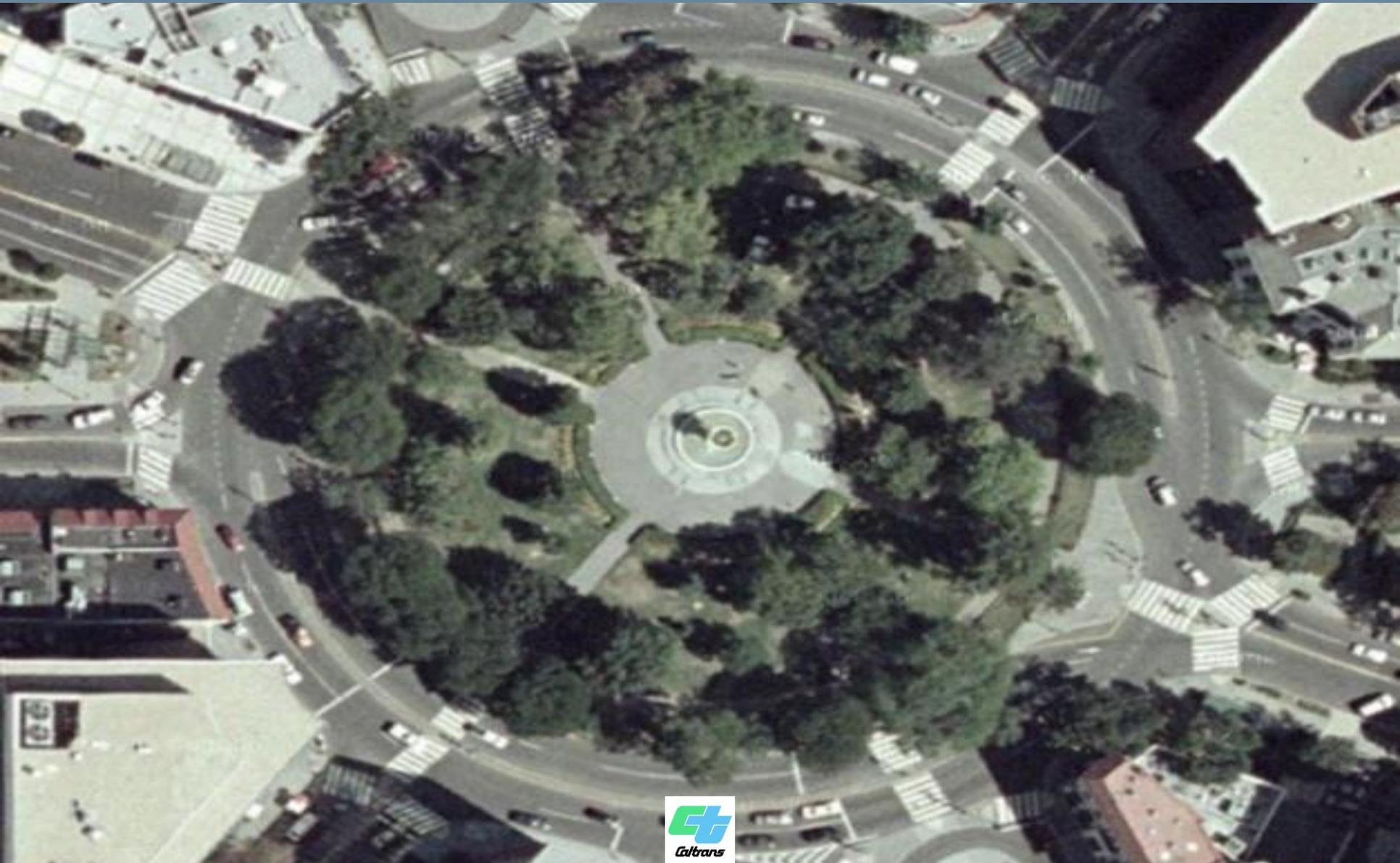
# NOT ALL CIRCULAR INTERSECTIONS ARE ROUNDABOUTS



# NEIGHBORHOOD CIRCLE



# TRAFFIC CIRCLE



# MODERN ROUNDABOUT



# MODERN ROUNDABOUTS

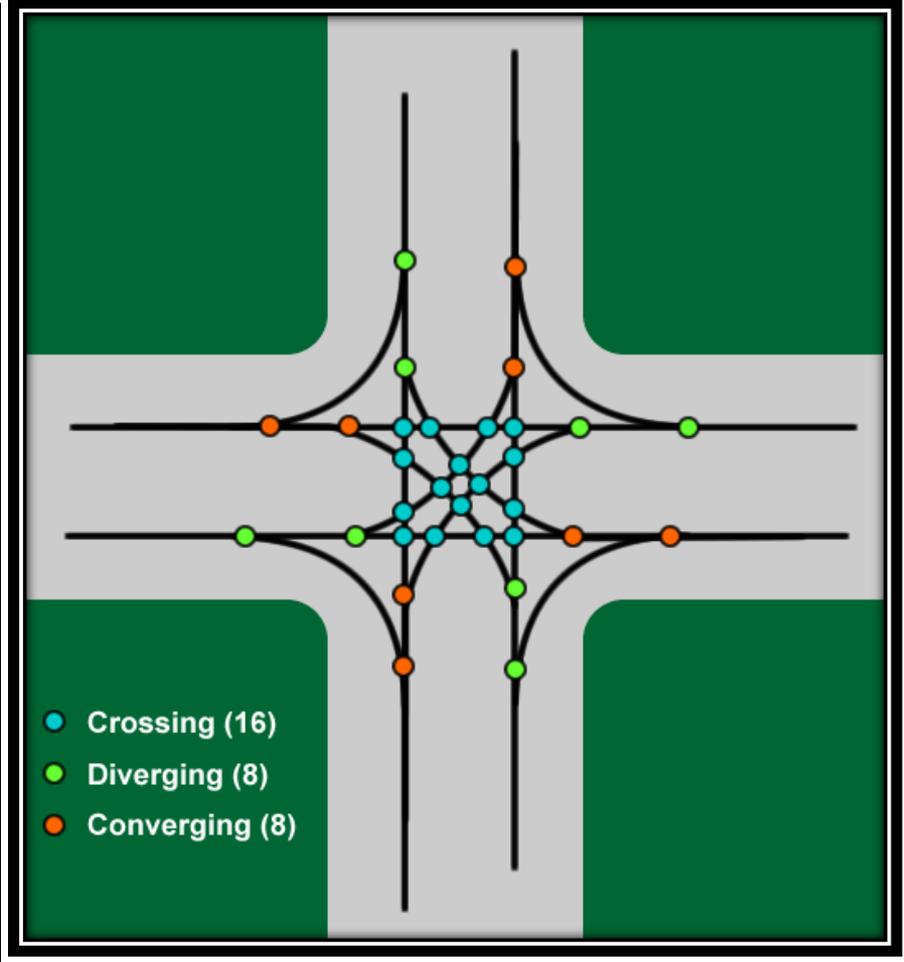
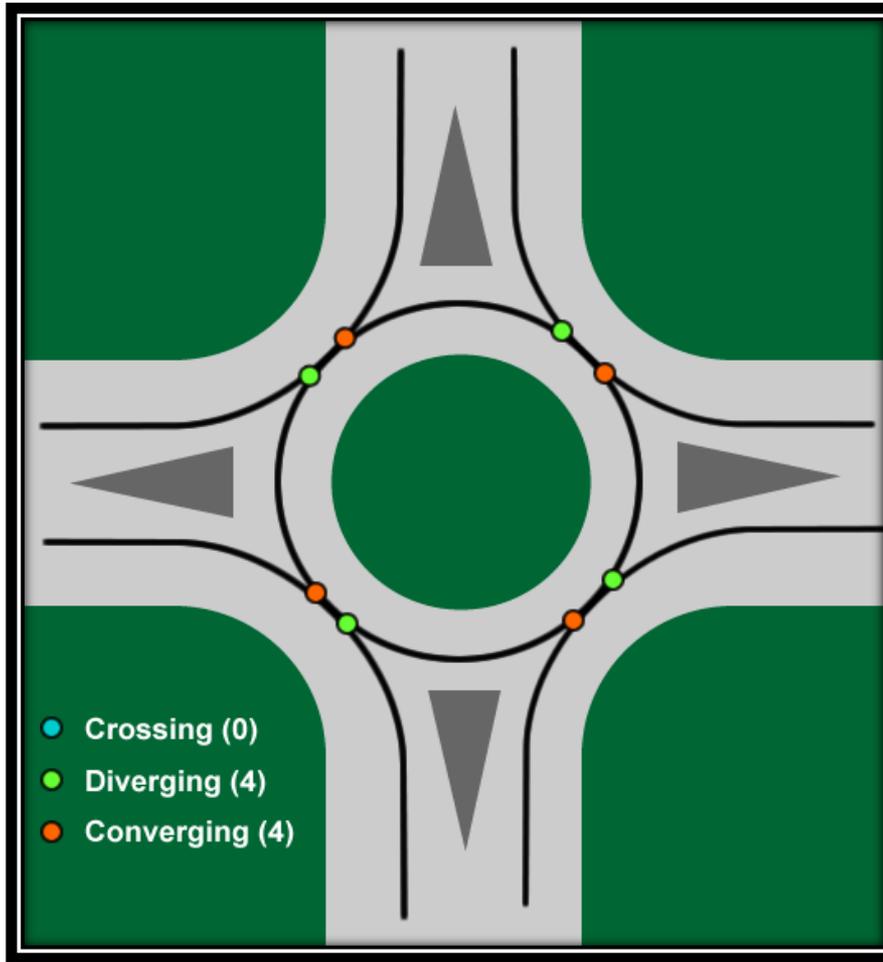
- There are currently around 5,000 modern roundabouts operating in the USA that were constructed since 1990
- 300+ Roundabout in California
- 20+ on State System and 30 more in the works
- Hundreds more are constructed every year nation wide

# MODERN ROUNDABOUTS

- » 35% Reduction in All Crashes
- » 76% Reduction in Injury/Fatal Crashes
- » 90% Reduction in Fatal Crashes

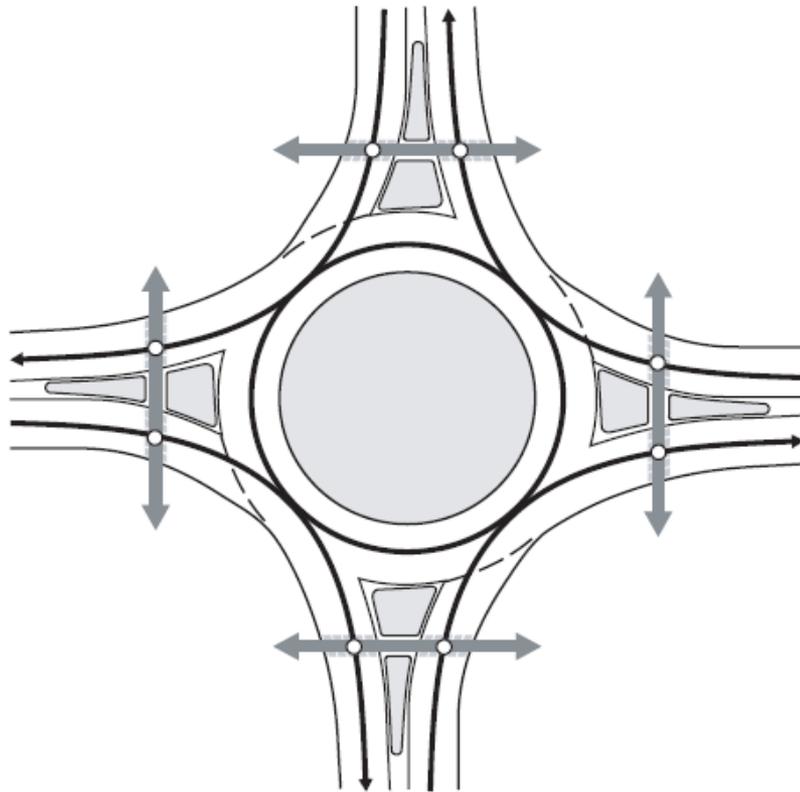


# VEHICLE CONFLICT POINTS

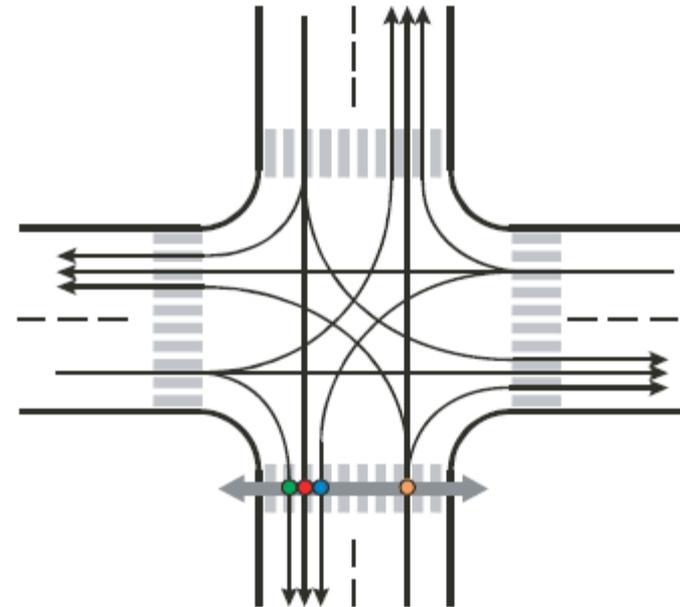


**Vehicle Speed (*Differential*)**

# PEDESTRIAN CONFLICT POINTS

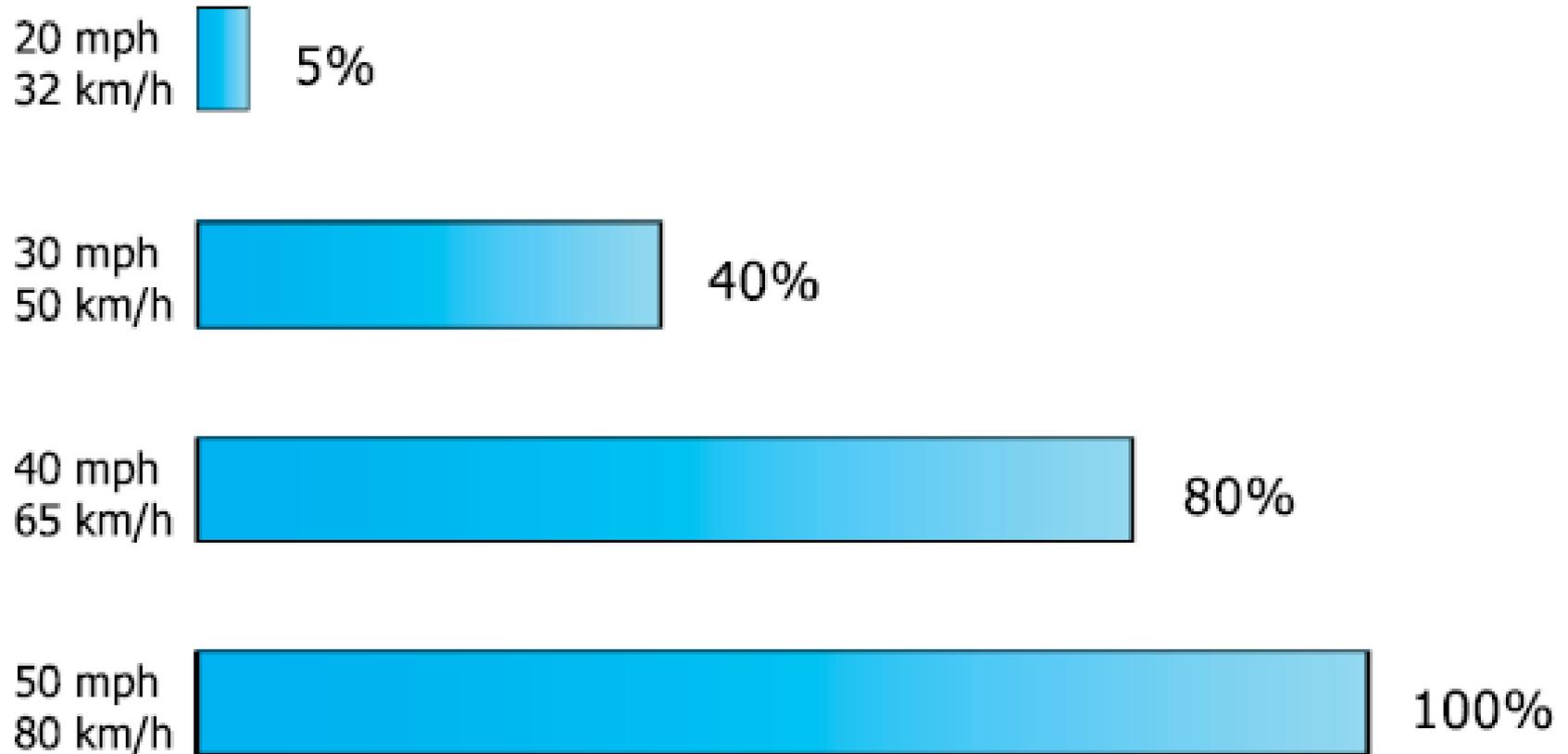


○ Vehicle/Pedestrian Conflicts

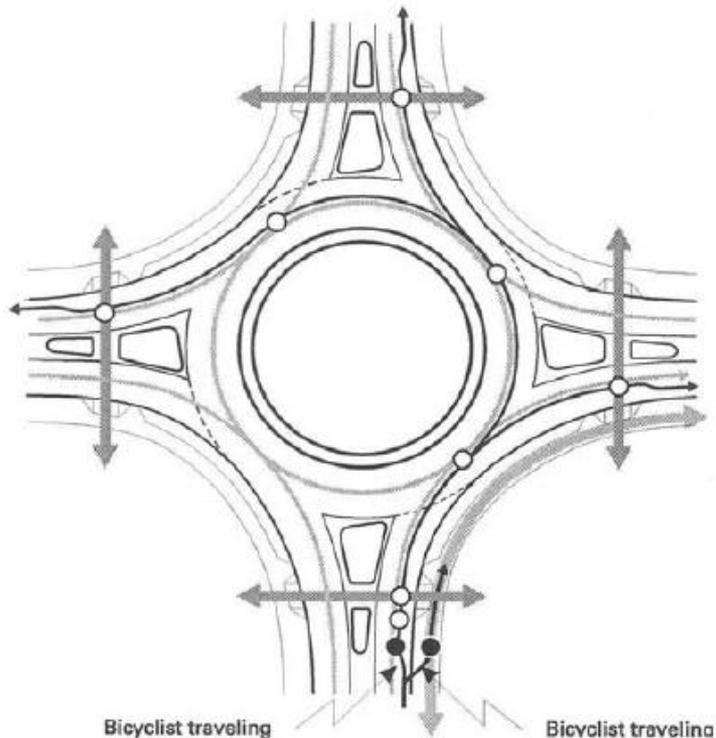


- Right turn on green conflict
- Red light running conflict
- Left turn on green conflict
- Red light running or right turn on red conflict

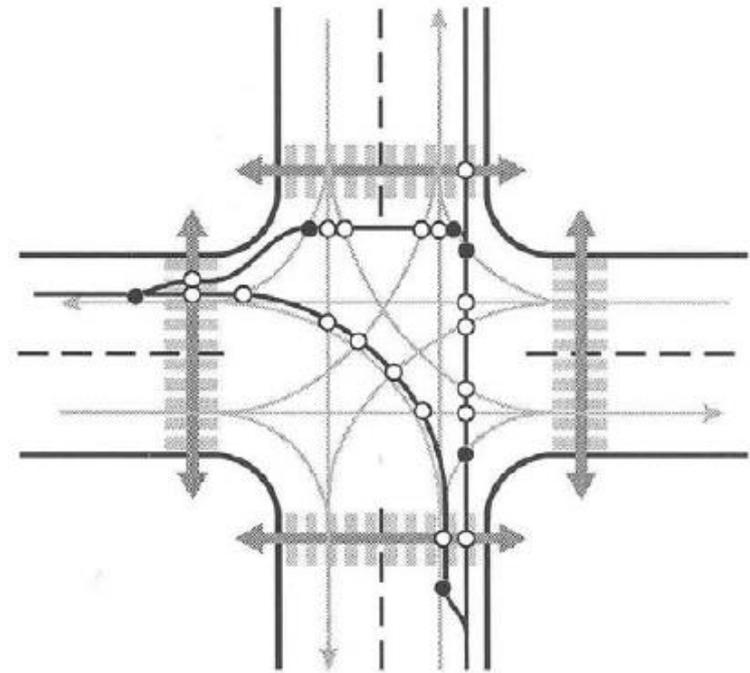
# % OF PEDESTRIAN FATALITIES (resulting from collisions with motor vehicle)



# BICYCLE CONFLICT POINTS



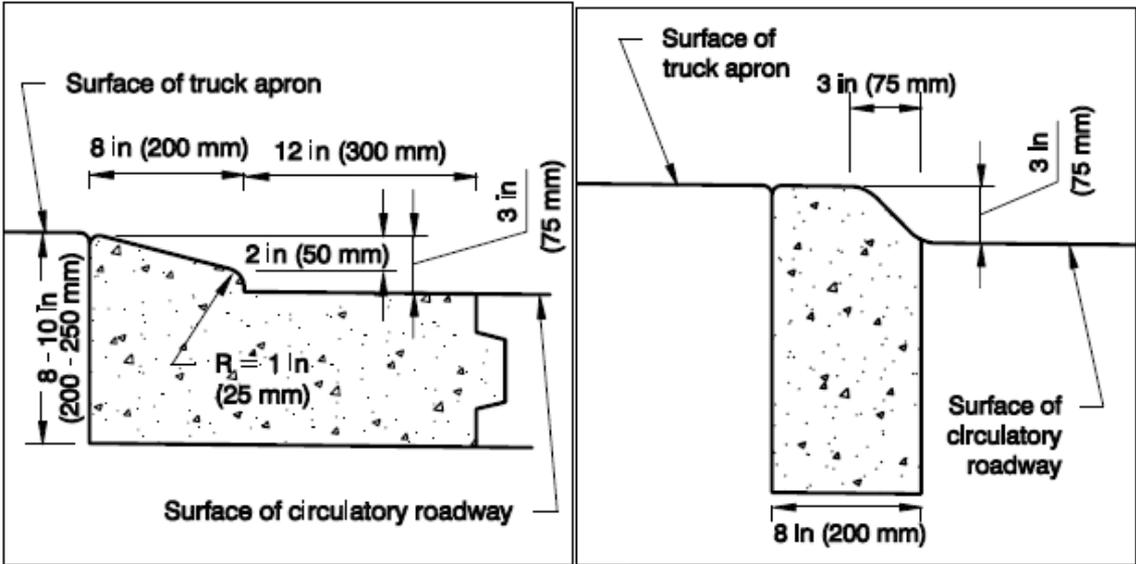
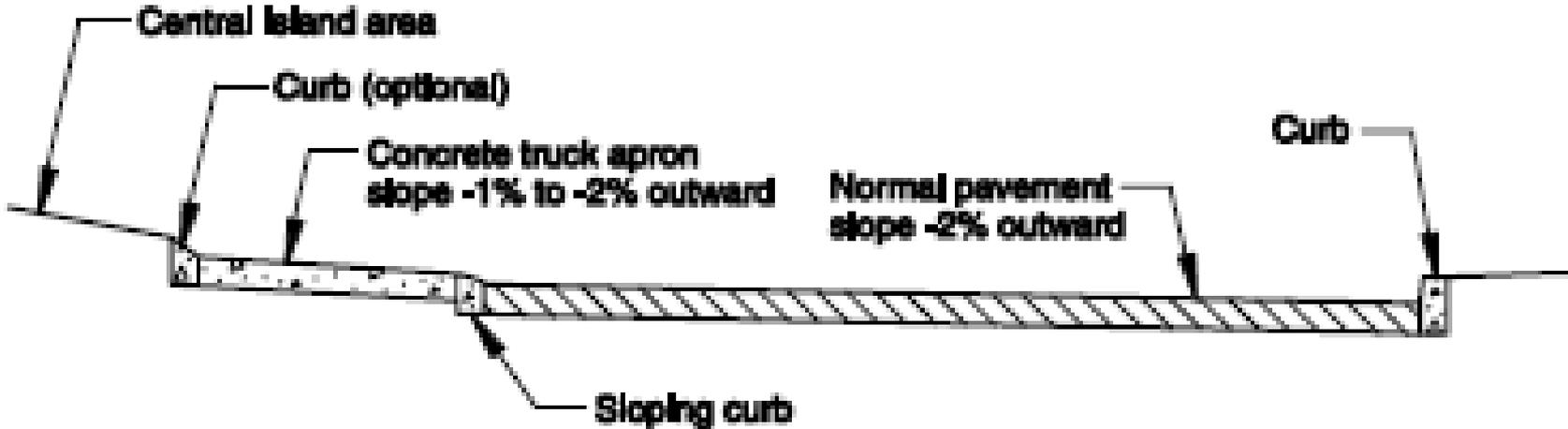
- Bicyclist traveling as vehicle
- Bicyclist traveling as Pedestrians
- Conflicts in common with motor vehicles
  - Conflicts unique to bicycles
- ← Bicycle
  - ← Motor Vehicle
  - ↔ Pedestrian



# TRUCK APRON



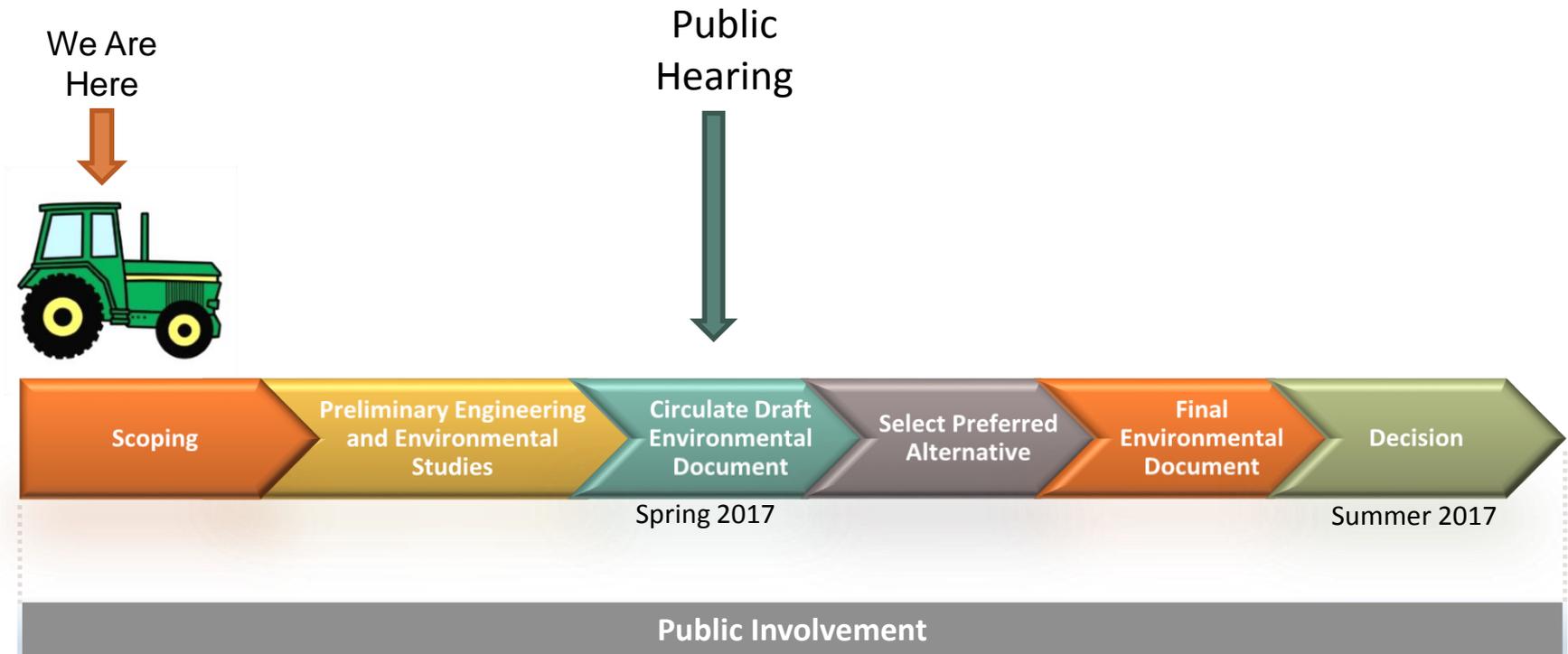
# TRUCK APRON



# ENVIRONMENTAL LAWS

- California Environmental Quality Act (CEQA)
  - Environmental Impact Report (EIR)
  - Caltrans is the CEQA lead agency
  
- National Environmental Policy Act (NEPA)
  - Environmental Assessment (EA)
  - Caltrans is the NEPA lead agency

# ENVIRONMENTAL REVIEW PROCESS



# ENVIRONMENTAL STUDIES

## Community Impacts

Farmland and Emergency Service

## Traffic Circulation

## Visual and Aesthetics

## Biological

Wetlands and Other Waters, Plant and Animal Species and Wildlife Corridor Crossing)

## Historic Properties and Archaeology

*Direct/Indirect/Short term/  
Permanent Impacts*

## Floodplain

## Water Quality

## Hazardous Waste

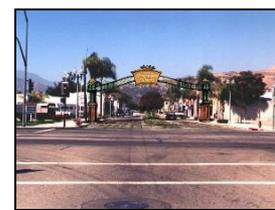
## Air Quality

## Noise

## Construction Impacts

## Cumulative Impacts- Past / Present / Future

*Avoid, Minimize, Mitigate*



# SCOPING COMMENTS

Please use the following contact tools to access more project information, ask questions or provide comments. Comments must be provided in writing at this scoping meeting or mailed by **March 4, 2016**.

 Tami Podesta, Branch Chief  
California Department of Transportation  
Division of Environmental Planning (SR-126 Safety Enhancement Project)  
100 South Main Street, Suite 100, MS 16A  
Los Angeles, California, 90012

[Tami.podesta@dot.ca.gov](mailto:Tami.podesta@dot.ca.gov)

 1-213-897-0309  
TTY users may call 1-213-897-4937

 <http://www.dot.ca.gov/dist07/travel/projects/126>

# AGENDA

EXHIBIT REVIEW and OPEN HOUSE  
until 8:00 PM