

# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

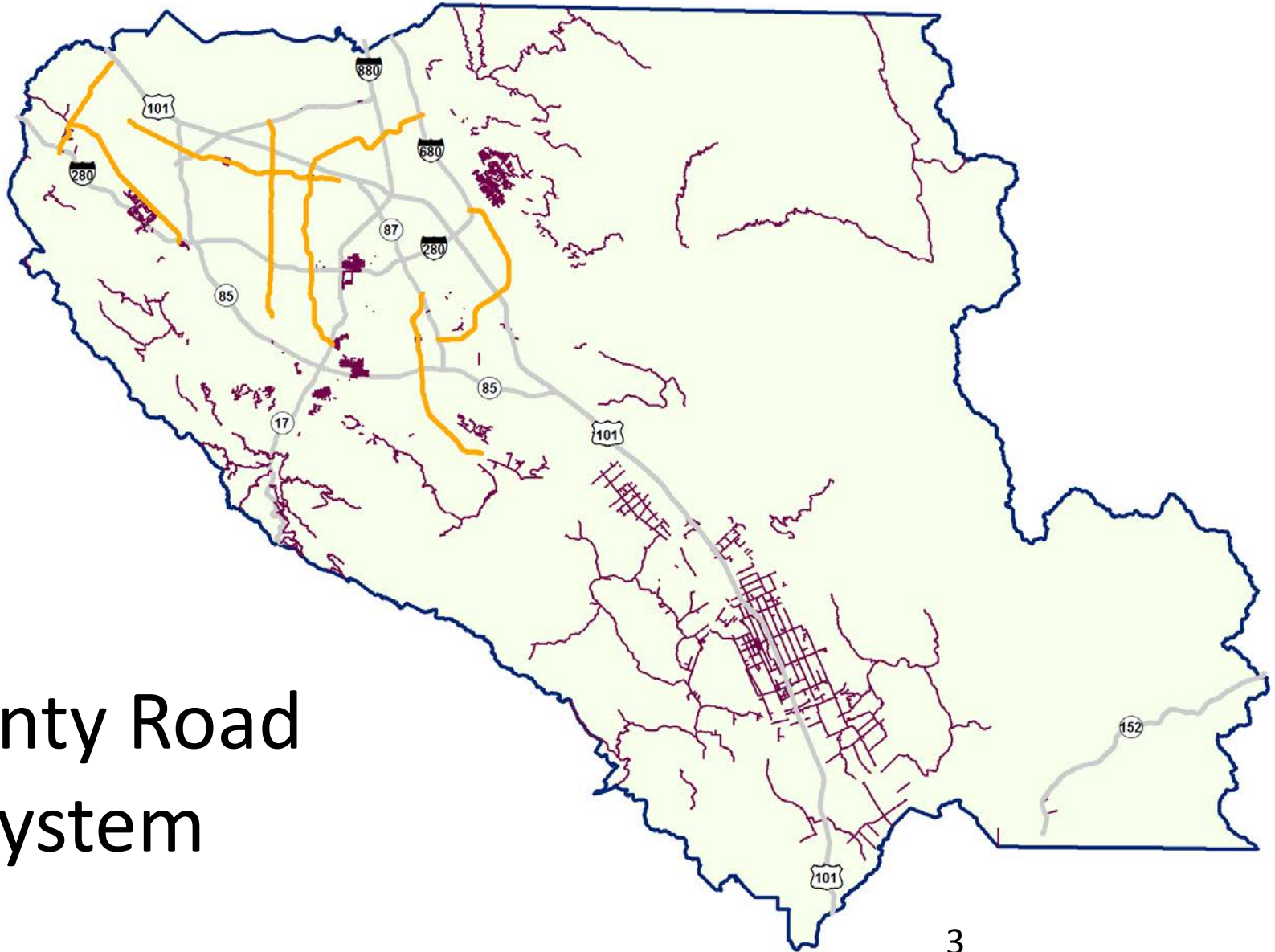


**Morgan Hill – South County Area  
Community Meeting  
September 9, 2014**

# Overview

- Project Objectives and Process
- Proposed Road System
- Considerations for General Plan Element Strategies and Policies
- Next Steps

# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT



County Road  
System

# Project Objectives

1. Develop New General Plan Circulation and Mobility Element:
  - Compliance with California Complete Streets Act
  - Policy direction for Roads Master Plan
2. Prepare Roads Master Plan:
  - Public and private road development policies and standards
  - Road expansion/improvement priorities
  - Complete Street improvements



# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT TIMELINE

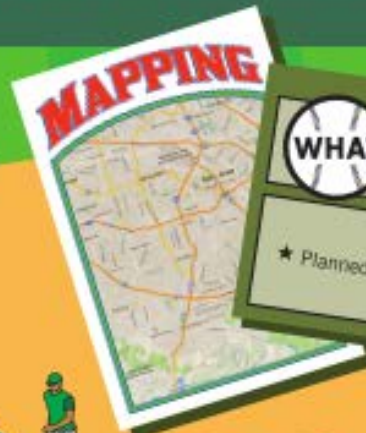
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April-December 2014

**WHERE ARE WE GOING?**

- ★ General Plan Circulation and Mobility Element
- ★ Program Environmental Impact Report



March-July 2014

**WHAT SHOULD THE COUNTY ROAD SYSTEM LOOK LIKE?**

- ★ Planned County Road System



November 2013-April 2014

**WHO ARE THE ROAD USERS AND WHAT DO THEY NEED?**

- ★ Current and future traffic demand
- ★ Current road plans and policies
- ★ Complete Streets best practices



January-June 2015

**HOW WILL WE GET THERE?**

- ★ Roads Master Plan

## LEGEND



**Stakeholders**  
Large private roads communities, developers, agricultural interests, business groups, cities



**Neighborhood/Community Groups**  
Urban and rural unincorporated community groups, e.g., San Martin, San Antonio Hills, Burbank, Cambrian, Alum Rock, Mount Hamilton



**Community Meetings**  
For unincorporated rural areas without organized neighborhood/community associations; open to all members of the public



**Public Meetings**  
County Roads Commission, Bicycle and Pedestrian Advisory Committee, Planning Commission and Board of Supervisors



**Public Hearings**  
Planning Commission and Board of Supervisors



**Environmental Meetings**  
Scoping and public comment

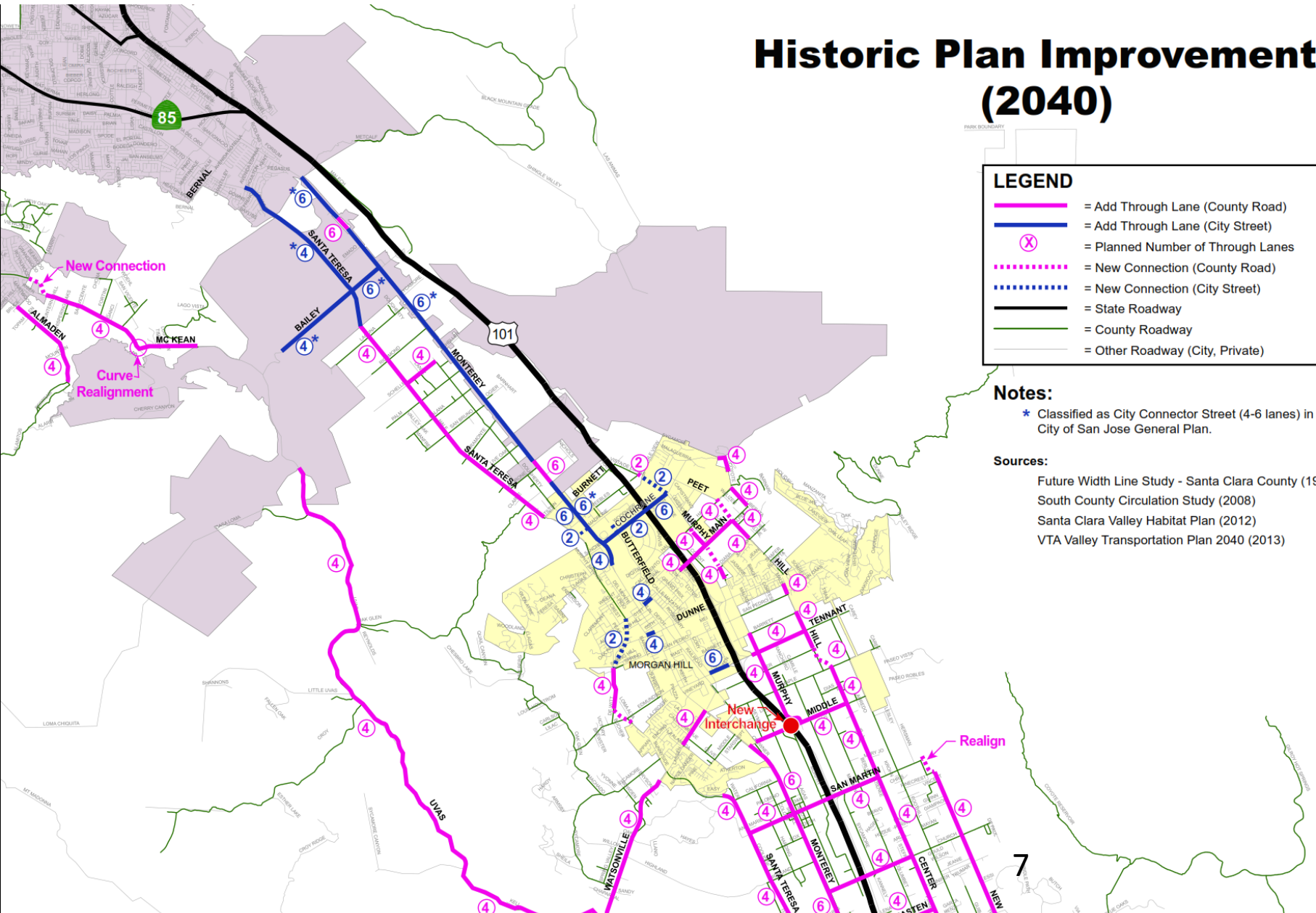
## Historical Plans

- 1971 Ruth and Going Report - FWLs/OPLs and road dedication/improvement policies
- 1994 General Plan Transportation Element
- 1995 Countywide Trails Master Plan
- 1995 San Martin Integrated Design Plan

(FWL = Future Width Line; OPL = Official Plan Line)

# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## Historic Plan Improvements (2040)



**LEGEND**

- = Add Through Lane (County Road)
- = Add Through Lane (City Street)
- (X) = Planned Number of Through Lanes
- ⋯ = New Connection (County Road)
- ⋯ = New Connection (City Street)
- = State Roadway
- = County Roadway
- = Other Roadway (City, Private)

**Notes:**

- \* Classified as City Connector Street (4-6 lanes) in City of San Jose General Plan.

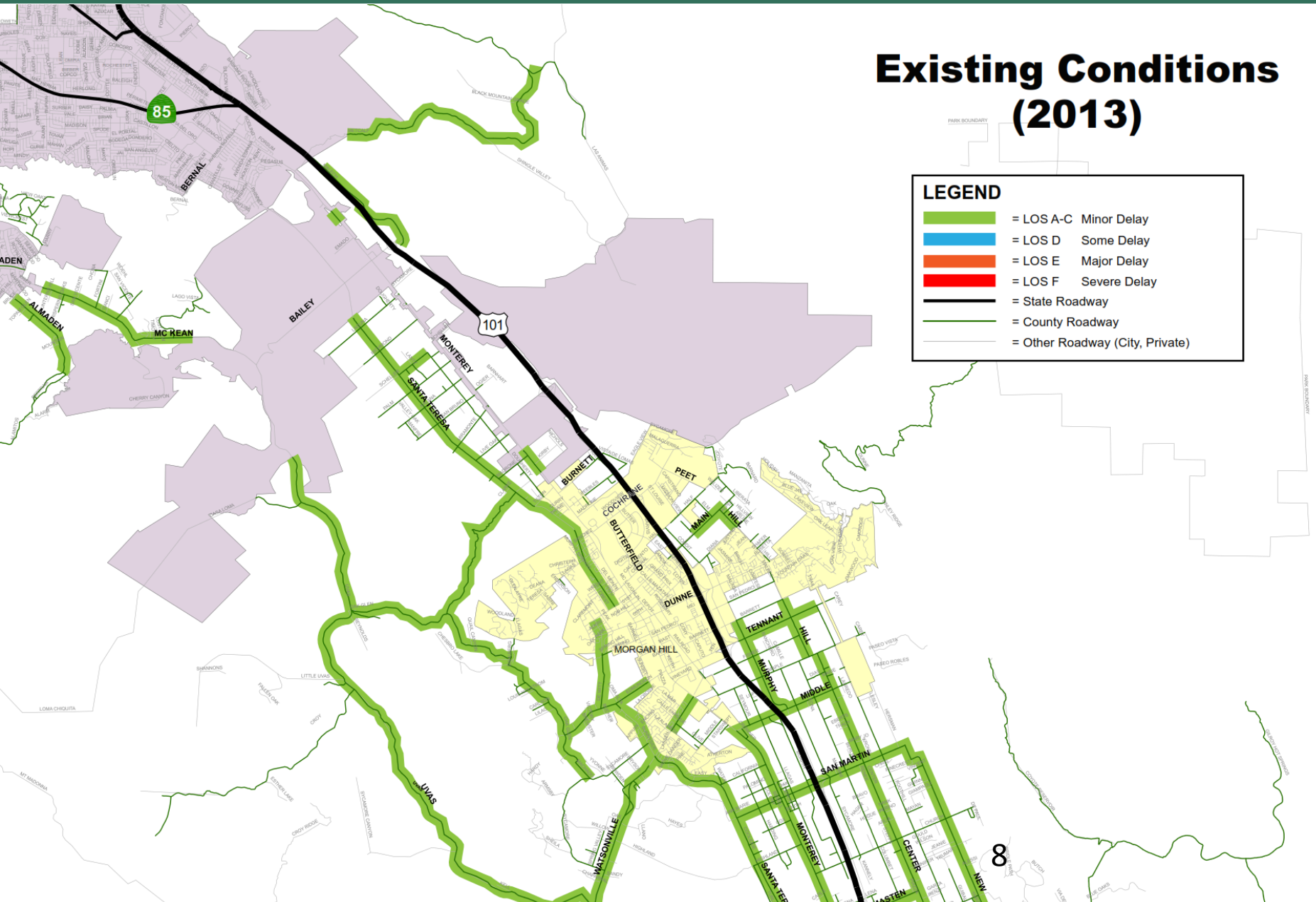
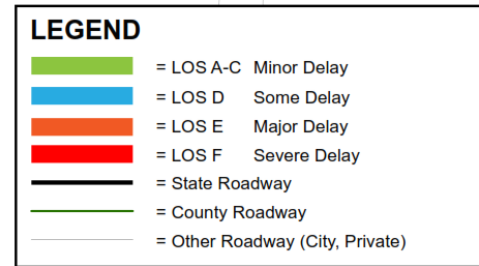
**Sources:**

- Future Width Line Study - Santa Clara County (1971)
- South County Circulation Study (2008)
- Santa Clara Valley Habitat Plan (2012)
- VTA Valley Transportation Plan 2040 (2013)



# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## Existing Conditions (2013)





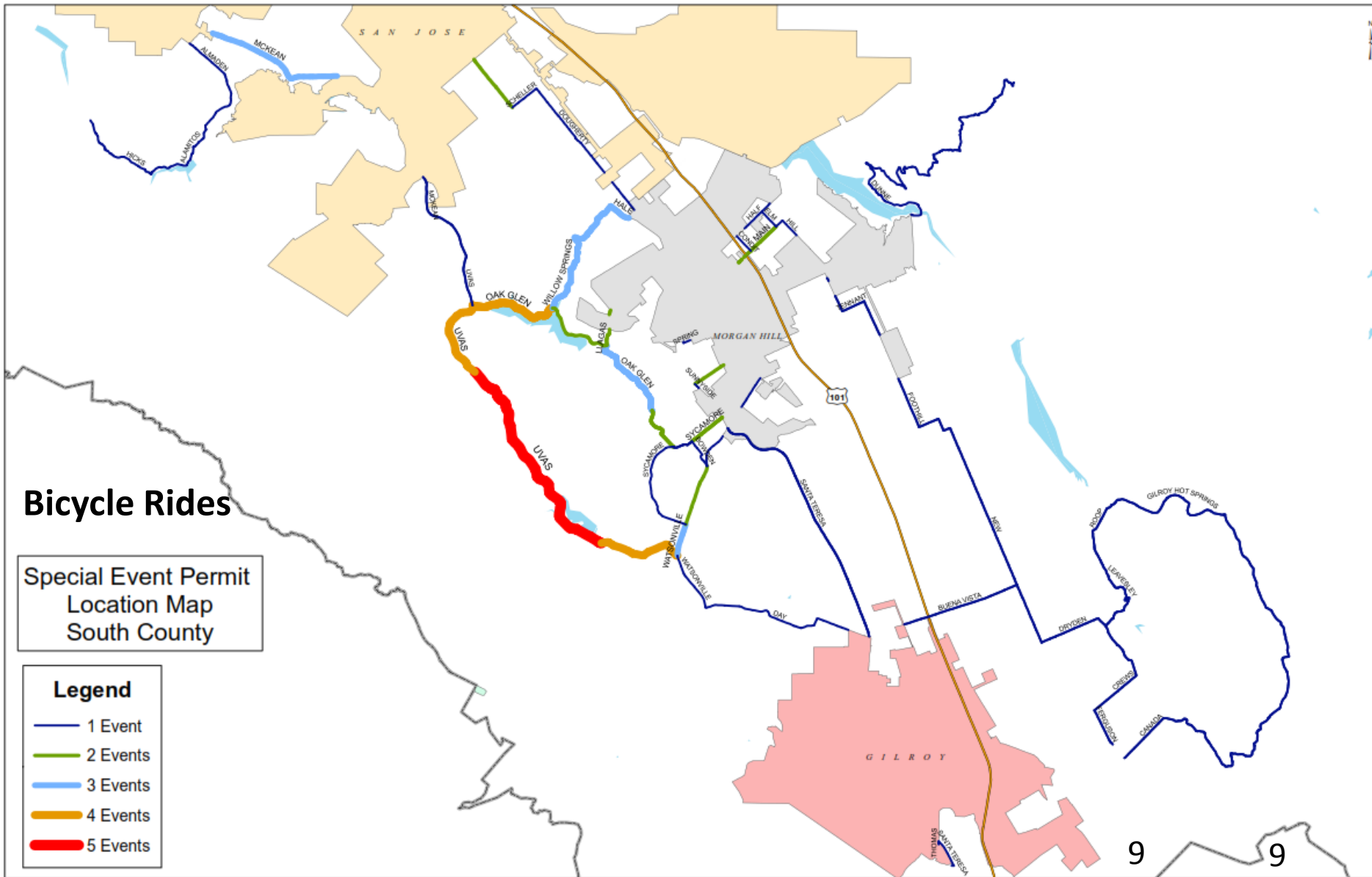
# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## Bicycle Rides

Special Event Permit  
Location Map  
South County

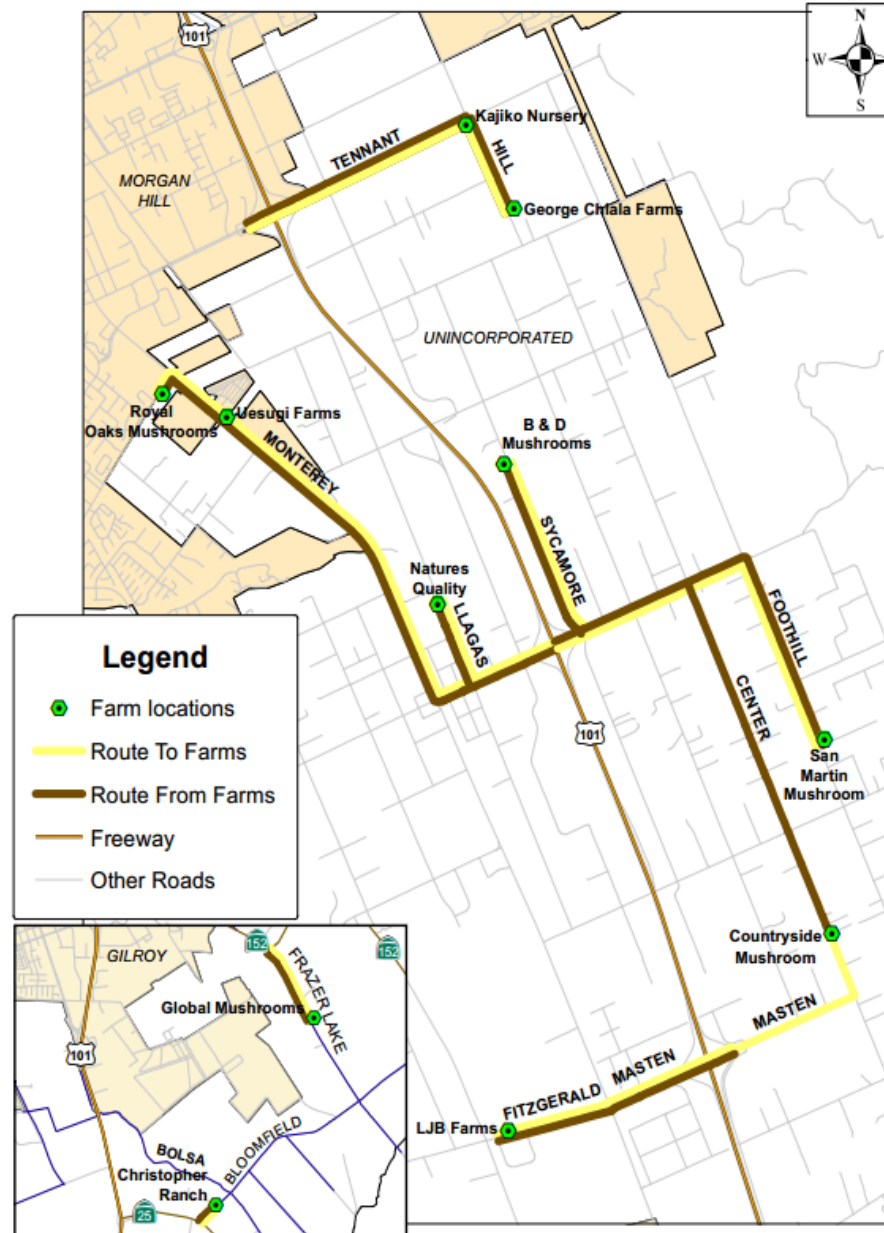
### Legend

- 1 Event
- 2 Events
- 3 Events
- 4 Events
- 5 Events

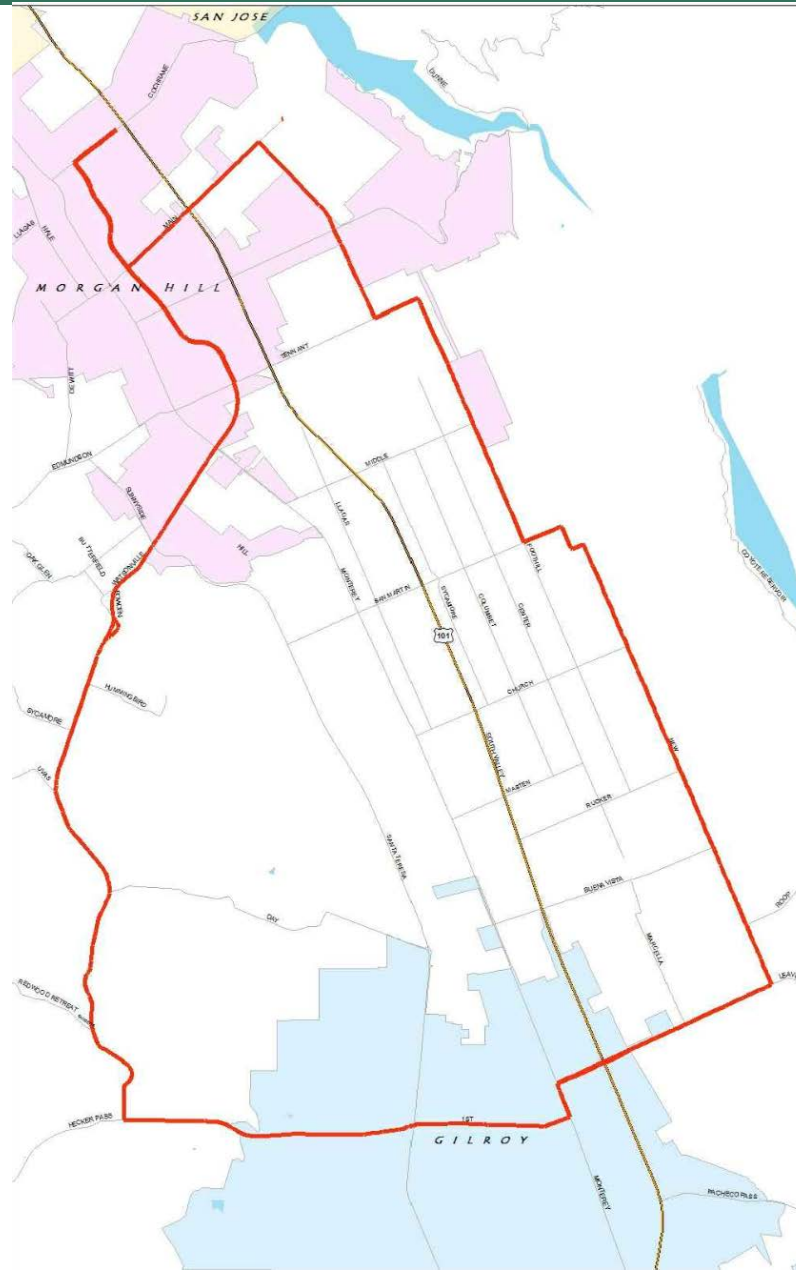
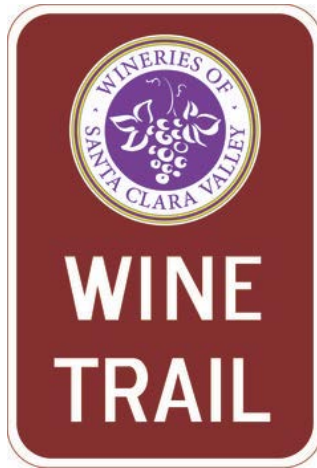


# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## Farm to Market Truck Routes



## Santa Clara Valley Wine Trail Route



## Year 2040 Traffic Projections – No Build Scenario

- City land use plans per their General Plans
- City road networks per their General Plans
- VTA's VTP 2040 US 101 improvements
- No improvements to County roads

**Finding:** Most County roads in South County will operate at Level of Service of C or better with no widening.



## Road Widening/Connection List

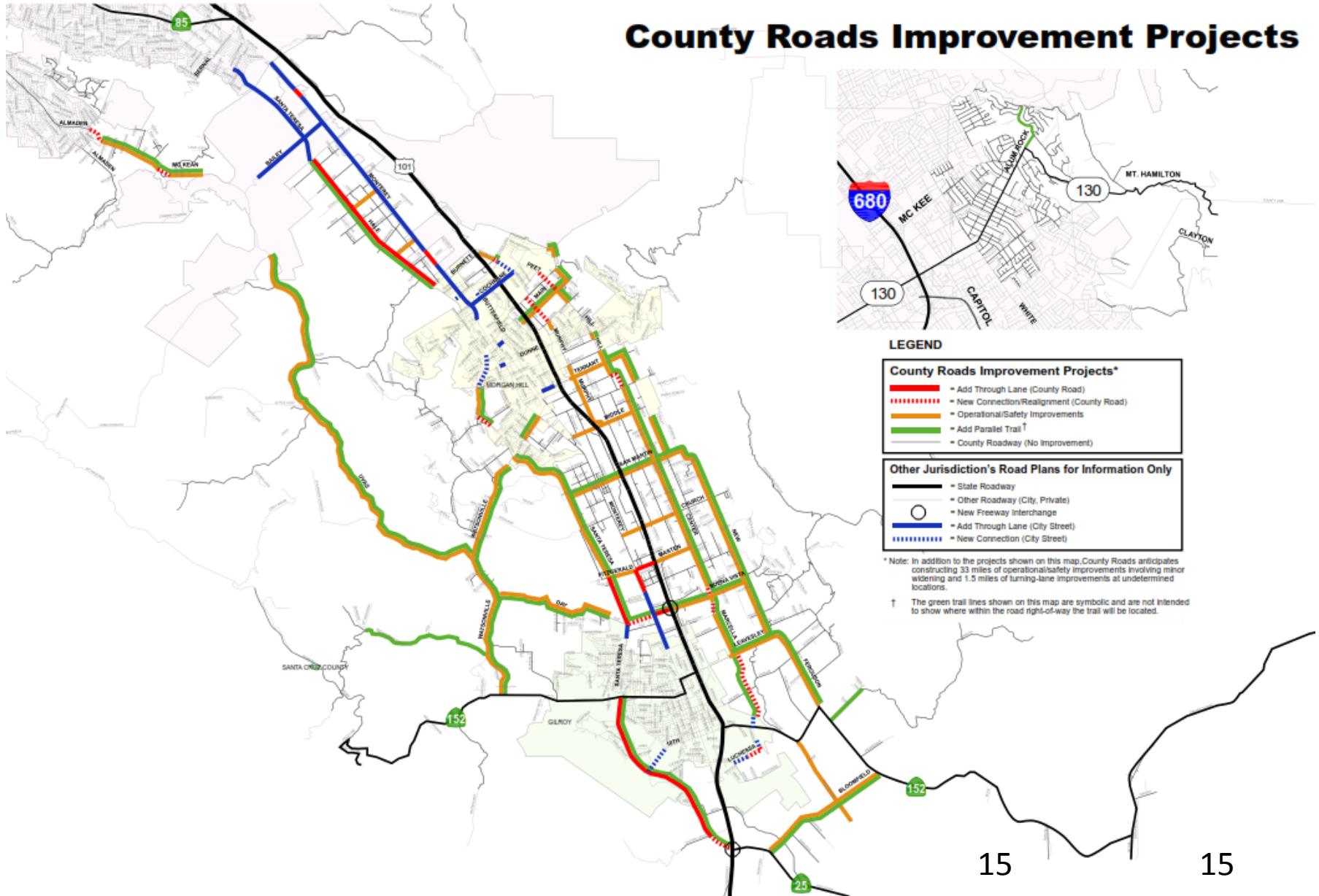
- Widen Santa Teresa to 4 lanes and Monterey to 6 lanes **north of Morgan Hill** to feed into San Jose's road network
- Widen Santa Teresa to 4 lanes **south of Gilroy** and connect to US 101/SR 25
- Widen roads in vicinity of US 101 interchanges at Masten and Buena Vista
- Fill in road gaps and realign road segments along the major north-south and east-west corridors

## Proposed Approach for Other Roads

1. Scale back road expansion plans to reflect current plans and projections
2. Focus on operational/safety improvements (e.g., center turn lanes, wider shoulders, realignments)
3. Use planned wider rights-of-way to integrate in the Trails Master Plan's road segments

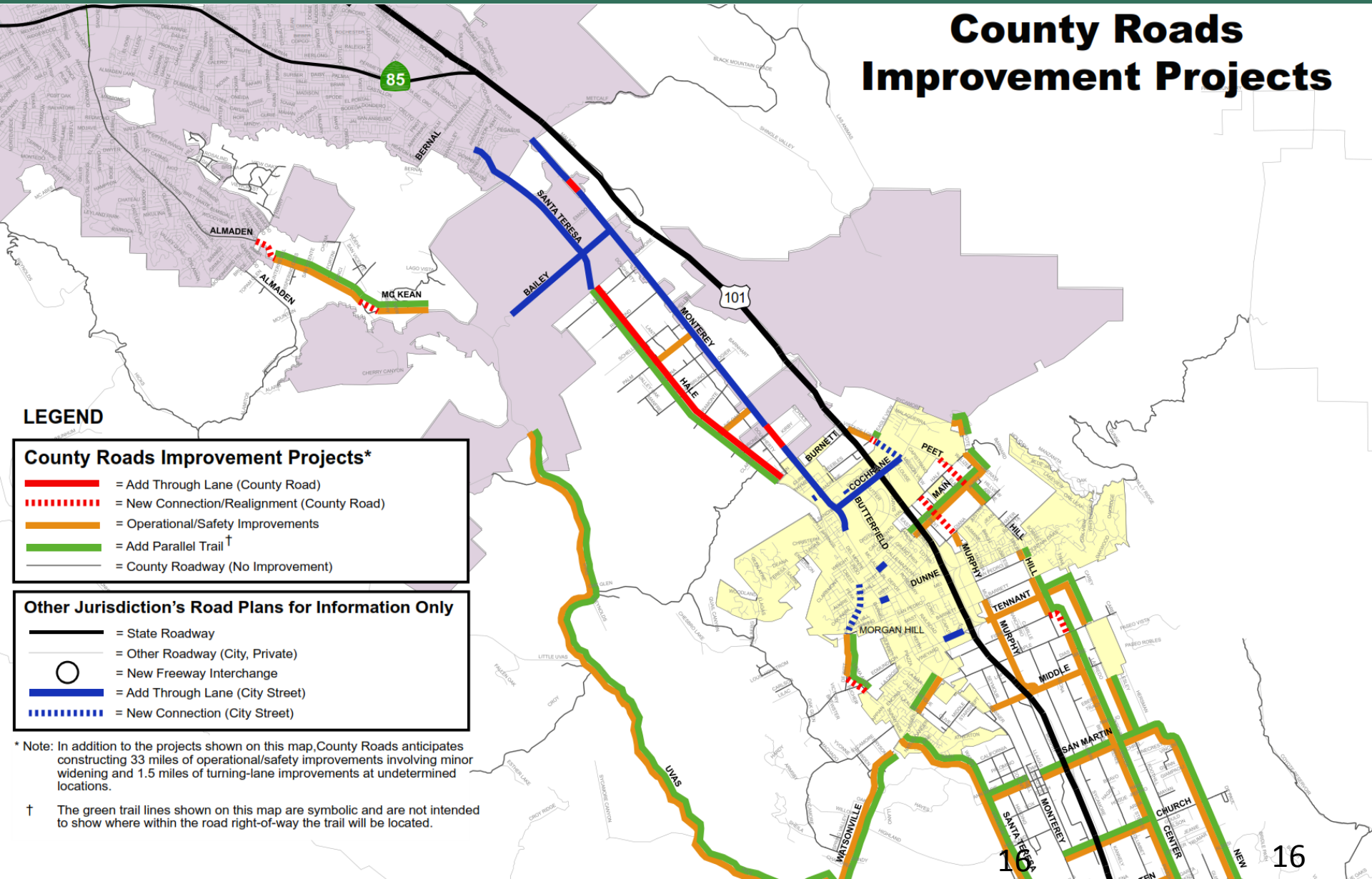
# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## County Roads Improvement Projects



# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## County Roads Improvement Projects



### LEGEND

#### County Roads Improvement Projects\*

- = Add Through Lane (County Road)
- - - - - = New Connection/Realignment (County Road)
- = Operational/Safety Improvements
- = Add Parallel Trail †
- = County Roadway (No Improvement)

#### Other Jurisdiction's Road Plans for Information Only

- = State Roadway
- = Other Roadway (City, Private)
- = New Freeway Interchange
- = Add Through Lane (City Street)
- - - - - = New Connection (City Street)

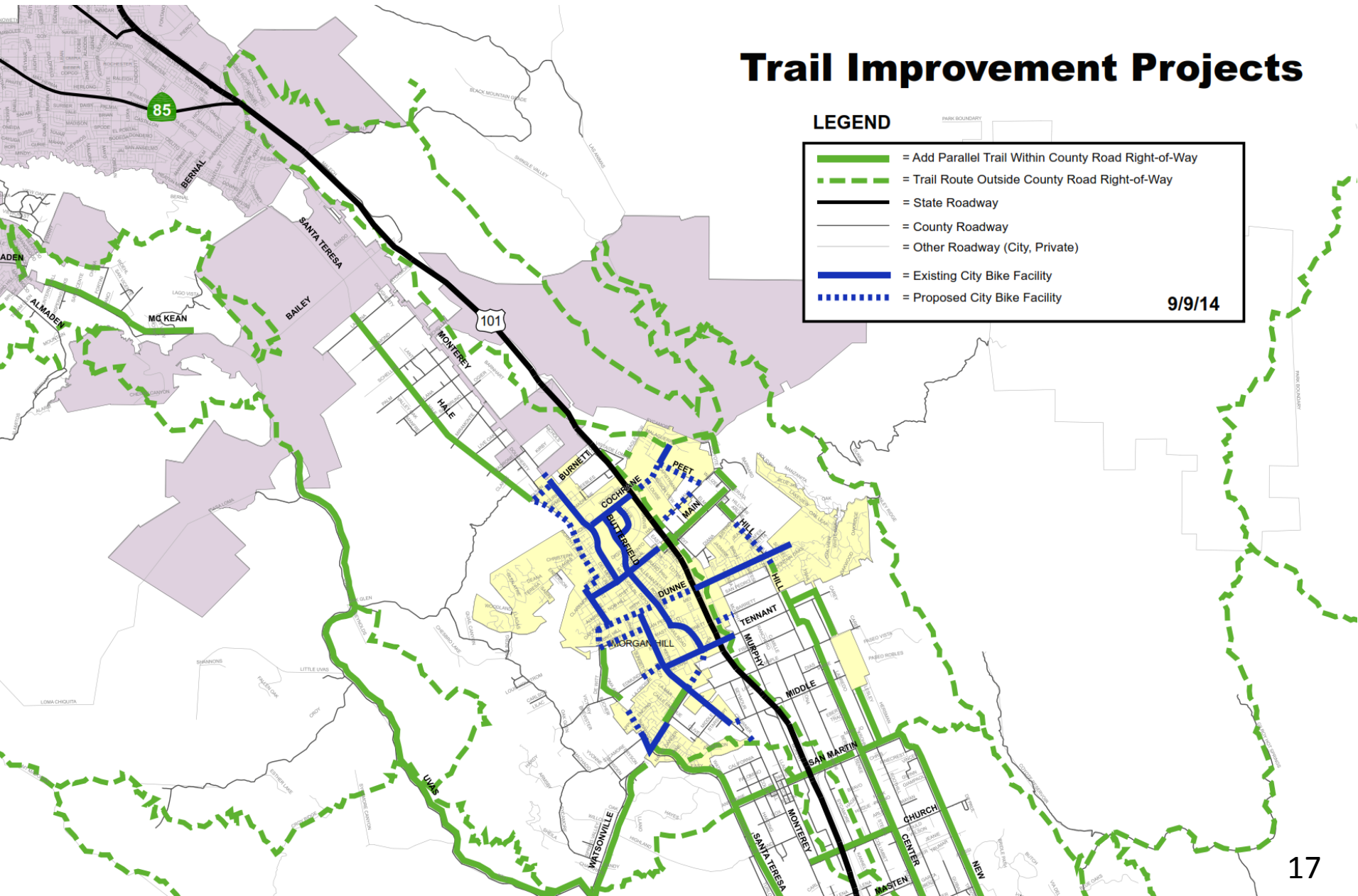
\* Note: In addition to the projects shown on this map, County Roads anticipates constructing 33 miles of operational/safety improvements involving minor widening and 1.5 miles of turning-lane improvements at undetermined locations.

† The green trail lines shown on this map are symbolic and are not intended to show where within the road right-of-way the trail will be located.



# SANTA CLARA COUNTY CIRCULATION AND MOBILITY PLANNING PROJECT

## Trail Improvement Projects



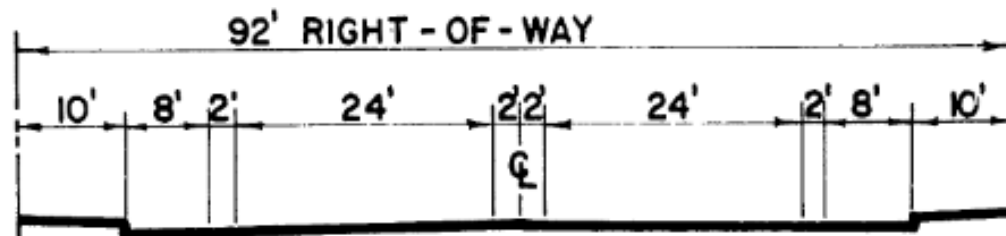
## FWL/OPLs for Morgan Hill Area

- East-West Corridors:
  - San Martin – 110 feet
  - Middle – 92 feet
- North-South Corridors:
  - Santa Teresa – 110 feet
  - Monterey – 112 feet (existing 4-lane)
  - Center/Marcella/Hill/Peet – 92 feet

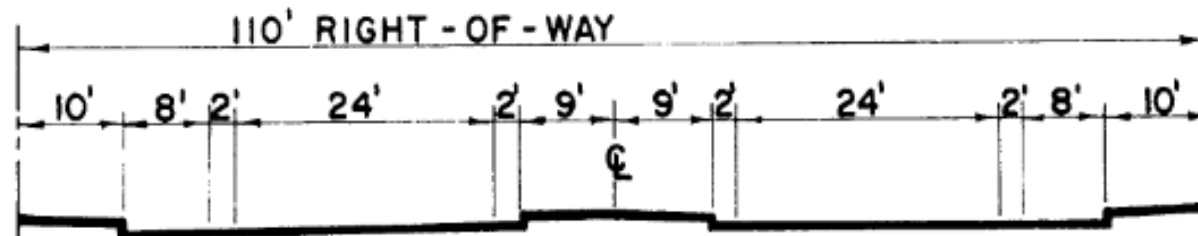
## Roads Cross-Sections

- For a variety of street widths and types
- Individualized for urban/suburban, semi-rural, rural, and mountain roads
- Clearly indicating how various road users are served for each type of road
- Can be context sensitive; providing options to reflect existing neighborhood characters

# 1971 Cross Sections



4 LANE ARTERIAL



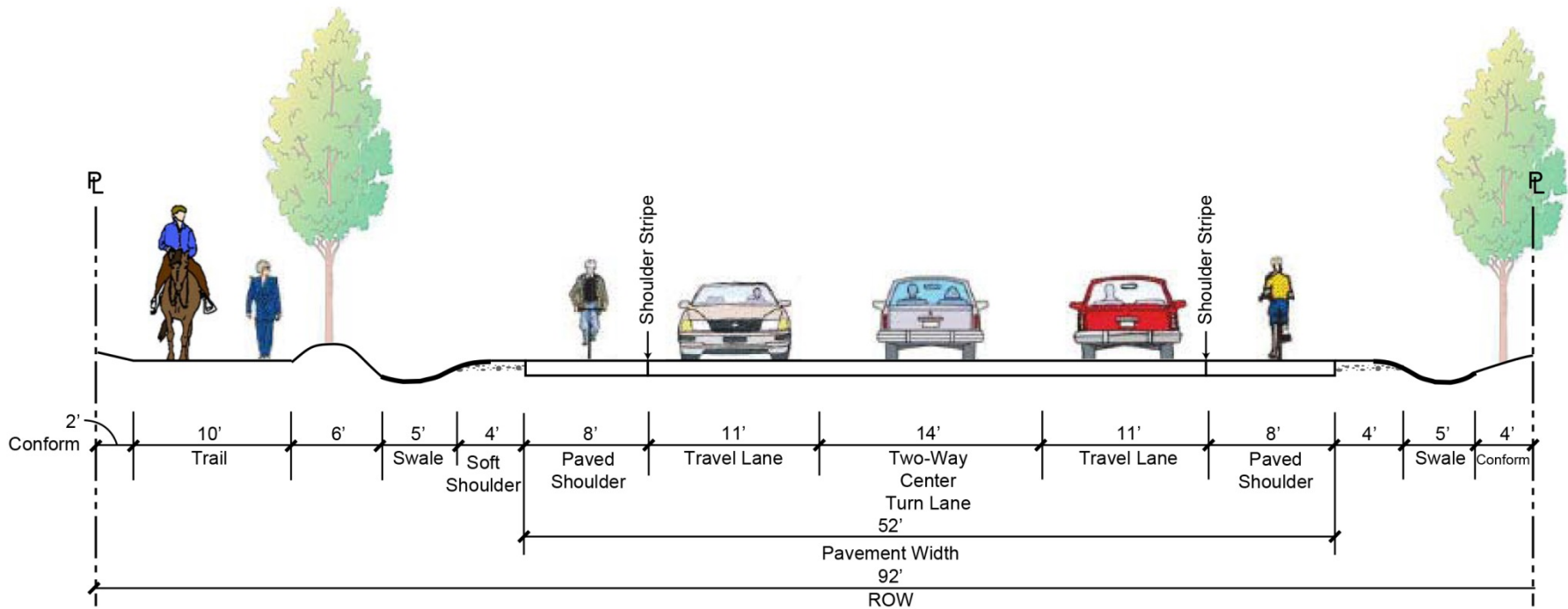
4 LANE DIVIDED ARTERIAL



# Proposed Planned Cross Sections

## Preliminary (8/26/14)

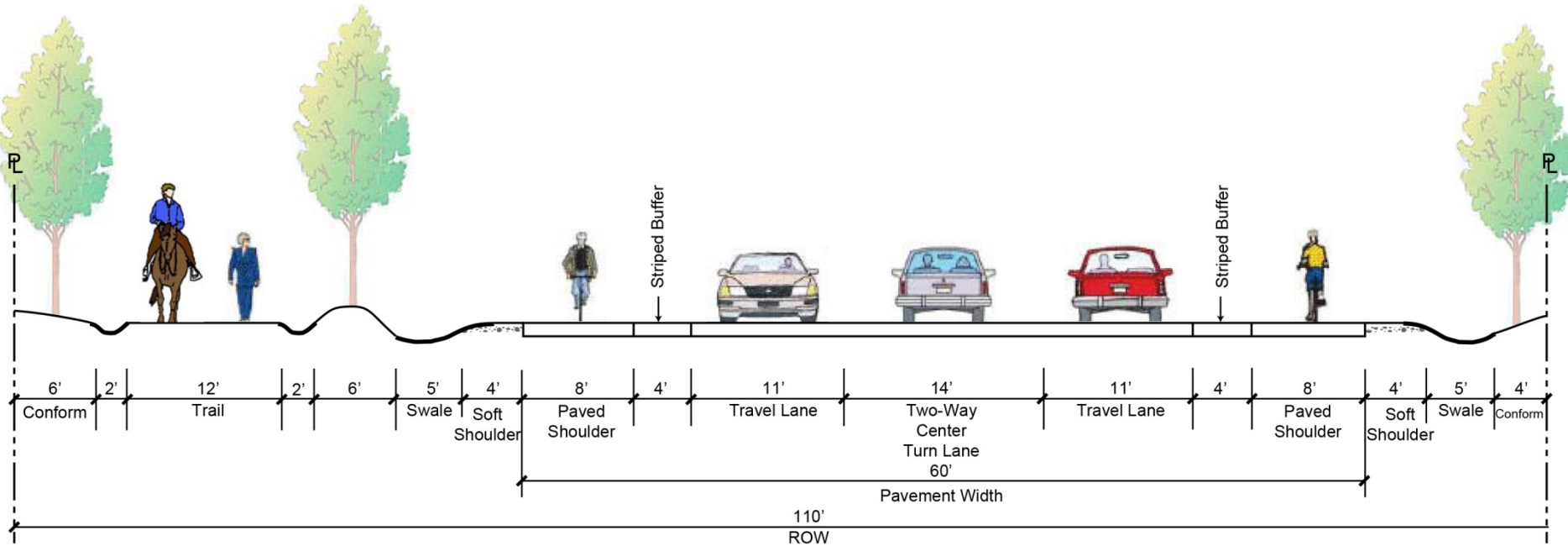
Two-Lane Collector / Arterial Rural Street with Trail (92')



# Proposed Planned Cross Sections

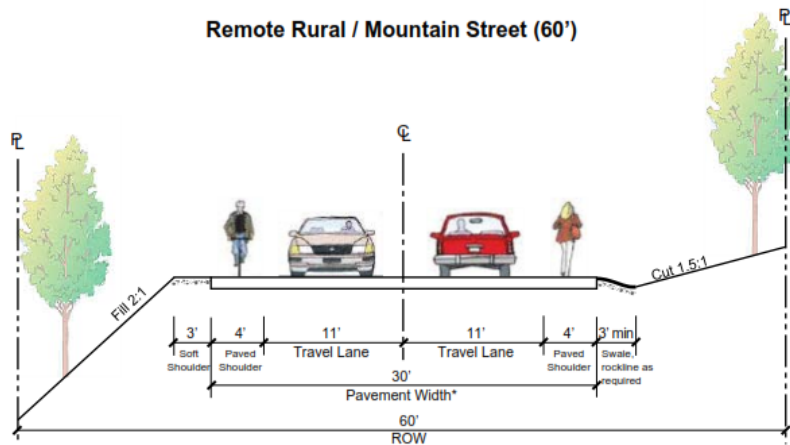
## Preliminary (8/26/14)

Two-Lane Arterial Rural Street with Trail (110')



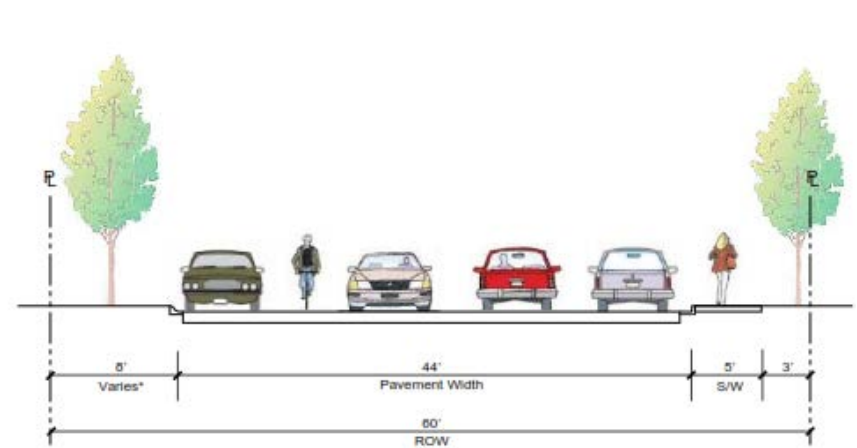
## Proposed Planned Cross Sections

Remote Rural/Mountain Street (60')



Desired dimensions shown. If terrain requires reduction in width, give priority to shoulders in uphill direction.

Local and Collector Suburban Street with Parking (60')

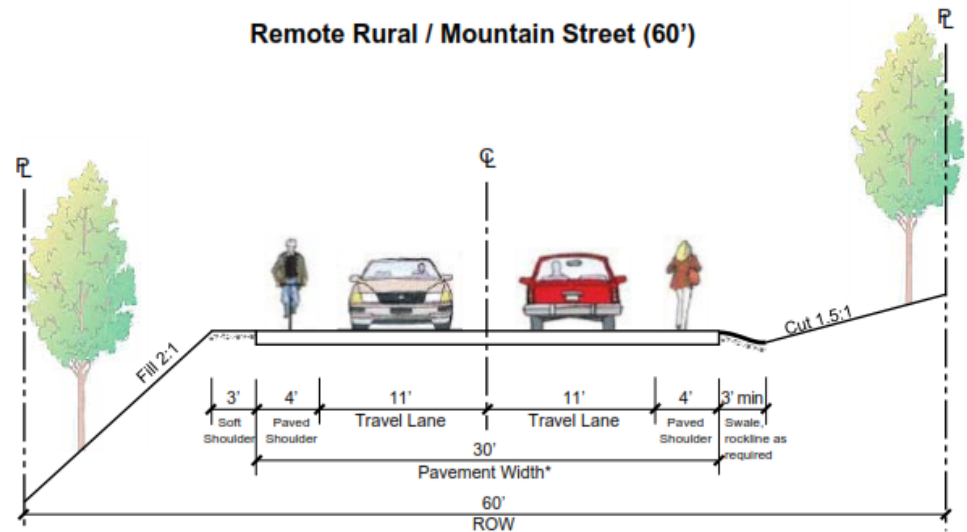


Border area treatments vary by location depending upon neighborhood character, needs, or preferences.

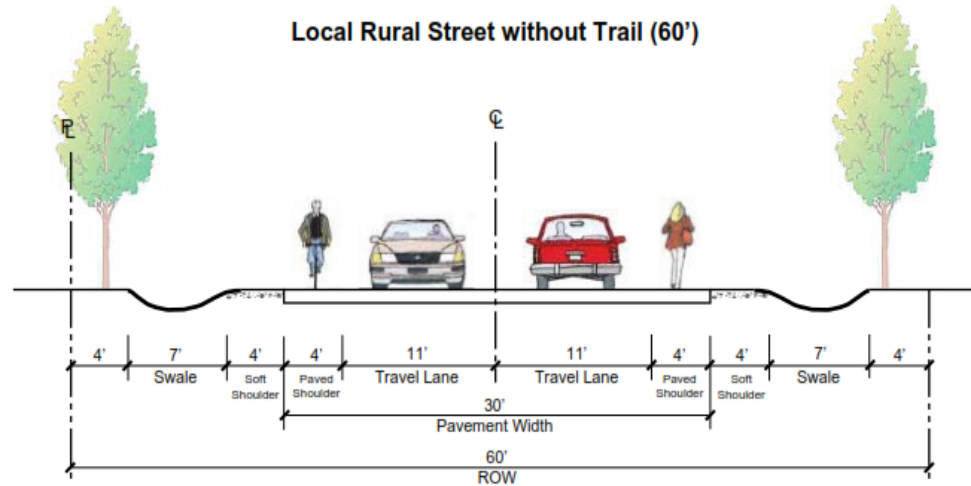
## Mountain Road



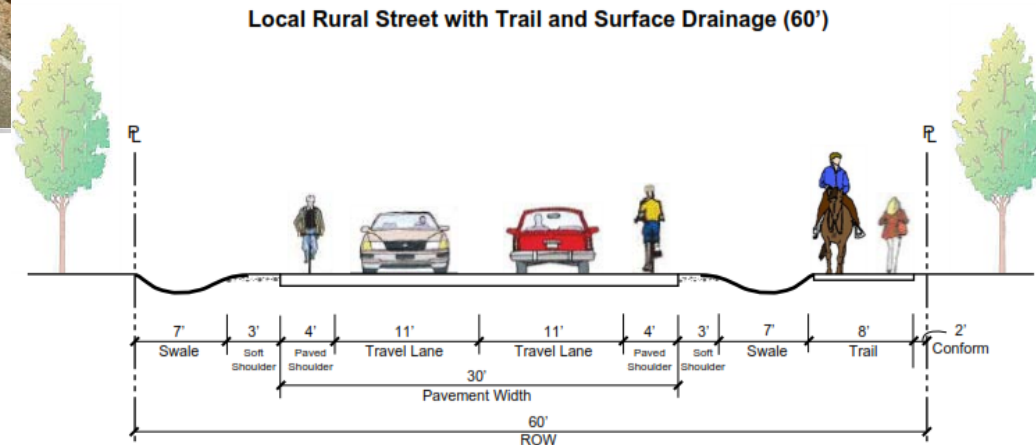
Add or widen shoulders where feasible



## Local Rural Street

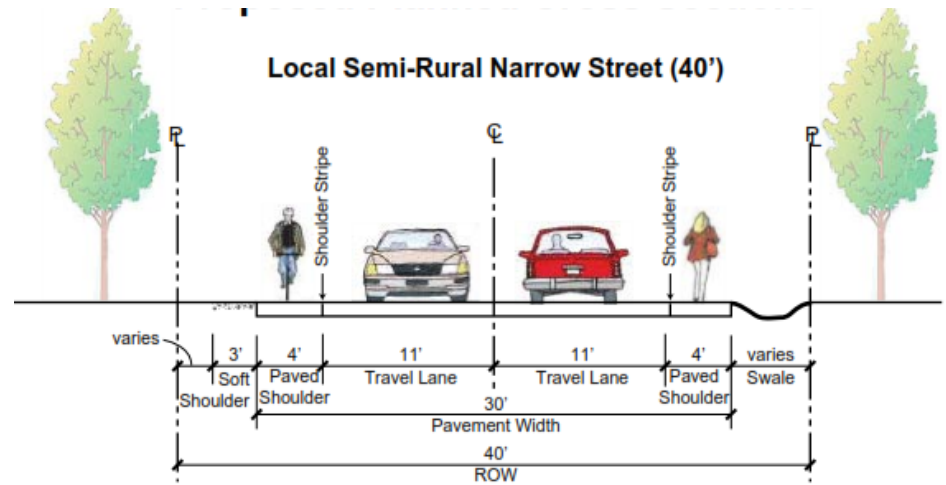


**Add or widen shoulders and/or separate pedestrian path**

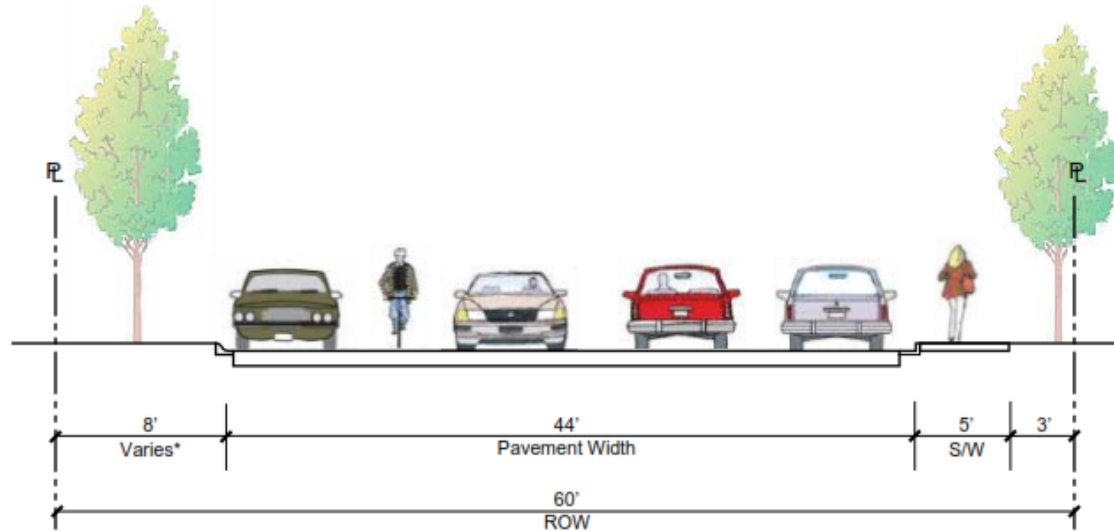




## Local Semi-Rural Existing Narrow Street



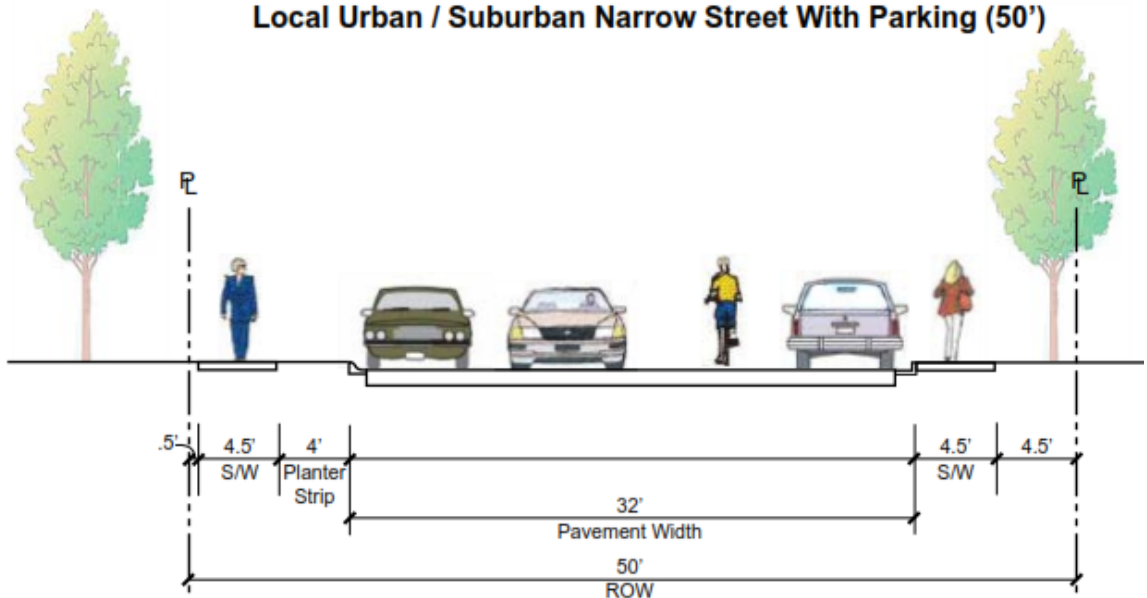
# Existing Suburban Neighborhoods



# Urban Neighborhood

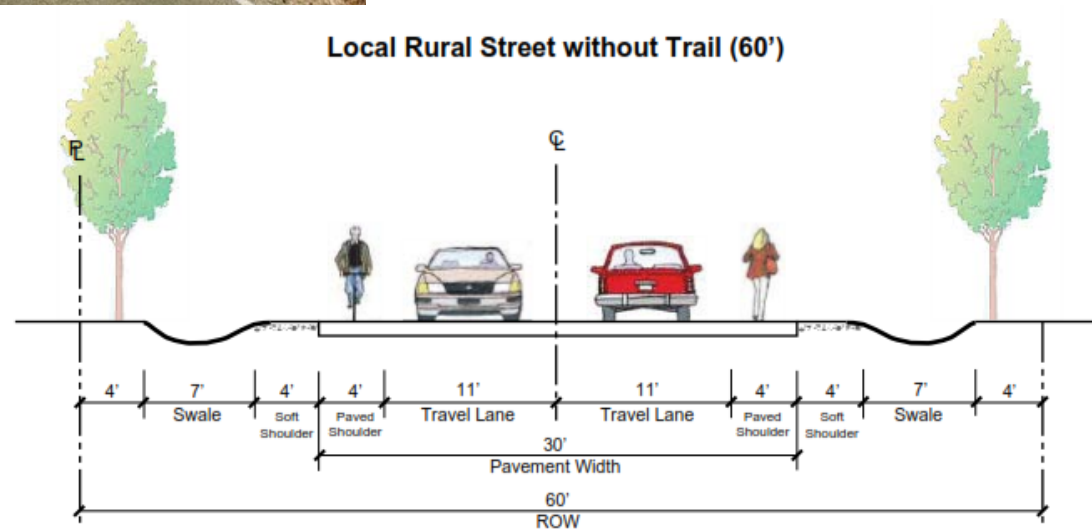


Local Urban / Suburban Narrow Street With Parking (50')





## Sycamore Drive – 40 MPH



**CIRCULATION AND MOBILITY ELEMENT  
Strategies and Policies**



# Complete Streets Policy

- Provide a road system that meet the needs of **all users** for safe and convenient travel in a manner that is **suitable to the rural, suburban, or urban context** of the general plan.

# Public Road System

Any road that meets the following criteria must be public:

- Is part of a grid pattern for valley floor to provide for local circulation needs for all users
- Serves through traffic
- Provides access to public destinations

# Private Road Considerations

- Discourage versus permissive?
- Allowances for gating roads?
- Converting to public road in future?

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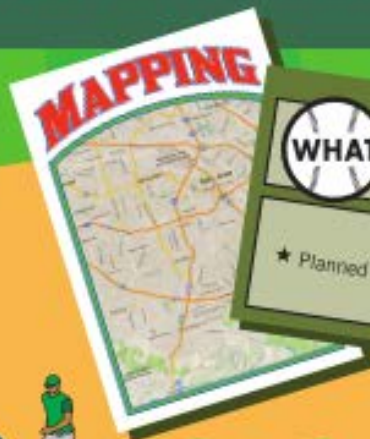
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January-June 2015

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### Public Hearings

Planning Commission and Board of Supervisors



### Environmental Meetings

Scoping and public comment

## Next Steps – 3<sup>rd</sup> Base

- Draft Circulation and Mobility Element
- Draft Program Environmental Impact Report

To be released for public comment in  
October/November 2014



# Home Plate – Roads Master Plan

Plan to implement strategies and policies in  
C&M Element

- Update Future Width Lines
- Revise public and private road development policies and standards as needed
- Identify priority road improvements
- Identify implementation and funding strategies

To be completed by June 2015.

# Community Input

- Website:  
<http://circulationplan.countyroads.org>  
(Sign up for project updates!)
- Phone: 408-573-2417
- Email: [CirculationPlan@rda.sccgov.org](mailto:CirculationPlan@rda.sccgov.org)