Placer County Transportation Planning Agency

Let's Move Better in Placer

Placer Regional Transportation Challenges & Needs

April 15, 2021 – Rocklin West of I-80

Placer County Transportation Planning Agency

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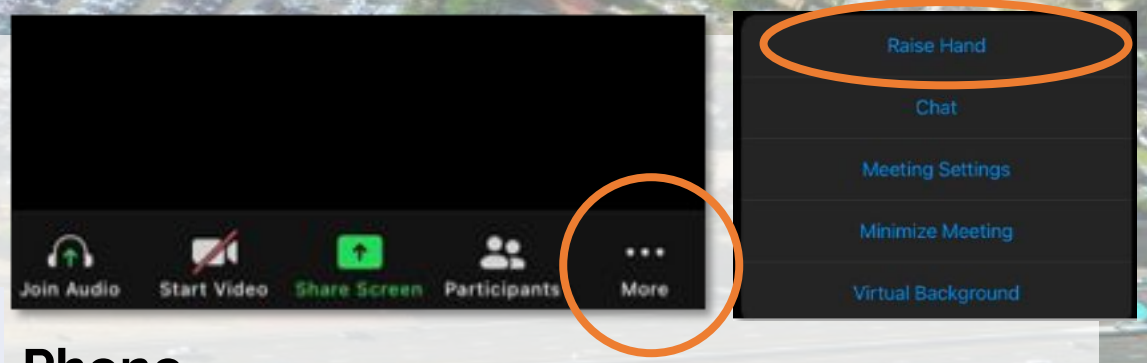
How to Participate

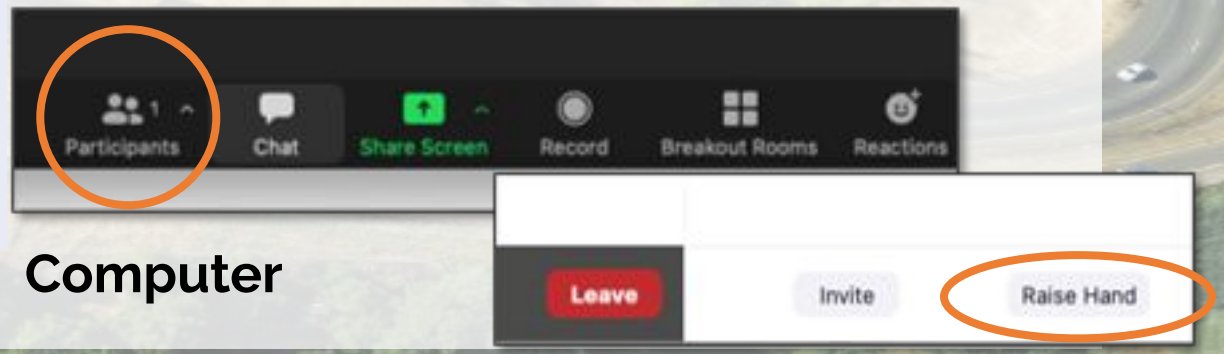
- You will remain muted during the presentation to limit any background noise.

- Add any questions or comments to the chat box or use the "Raise Hand" function to say your questions out loud. Press *9 if calling into the meeting.



Phone

Tablet



Computer

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Welcoming Remarks

Rocklin Mayor Jill Gayaldo

Councilmember Ken Broadway

ROCKLIN
CALIFORNIA

Placer County Transportation Planning Agency

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Meeting Agenda

- Traffic Update
- Impact Fees + Role of Builders in Transportation
- Regional Projects
- Q&A Section + Raffle

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Project Team

- Mike Luken, Executive Director, PCTPA
- Aaron Hoyt, Senior Planner, PCTPA
- Gladys Cornell, President, AIM Consulting
- Danielle Wood, Senior Project Coordinator, AIM Consulting

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Let's get to know each other!

1. Do you live and/or work in the Placer region?

2. If you live in the Placer region, what area do you live in?

3. What would you like to get from this meeting (Select all that apply)?

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Transportation Trivia

1. Do you think that current traffic congestion in the Placer region is:

2. What percentage of Placer residents do you think commute outside of Placer County for work?

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Who is PCTPA & What do we do?

- ✔ Regional agency that oversees all transportation projects and programs in Placer County
- ✔ Plan regional transportation projects and programs
- ✔ Find money to fund projects
- ✔ Make sure projects are completed on time and on budget

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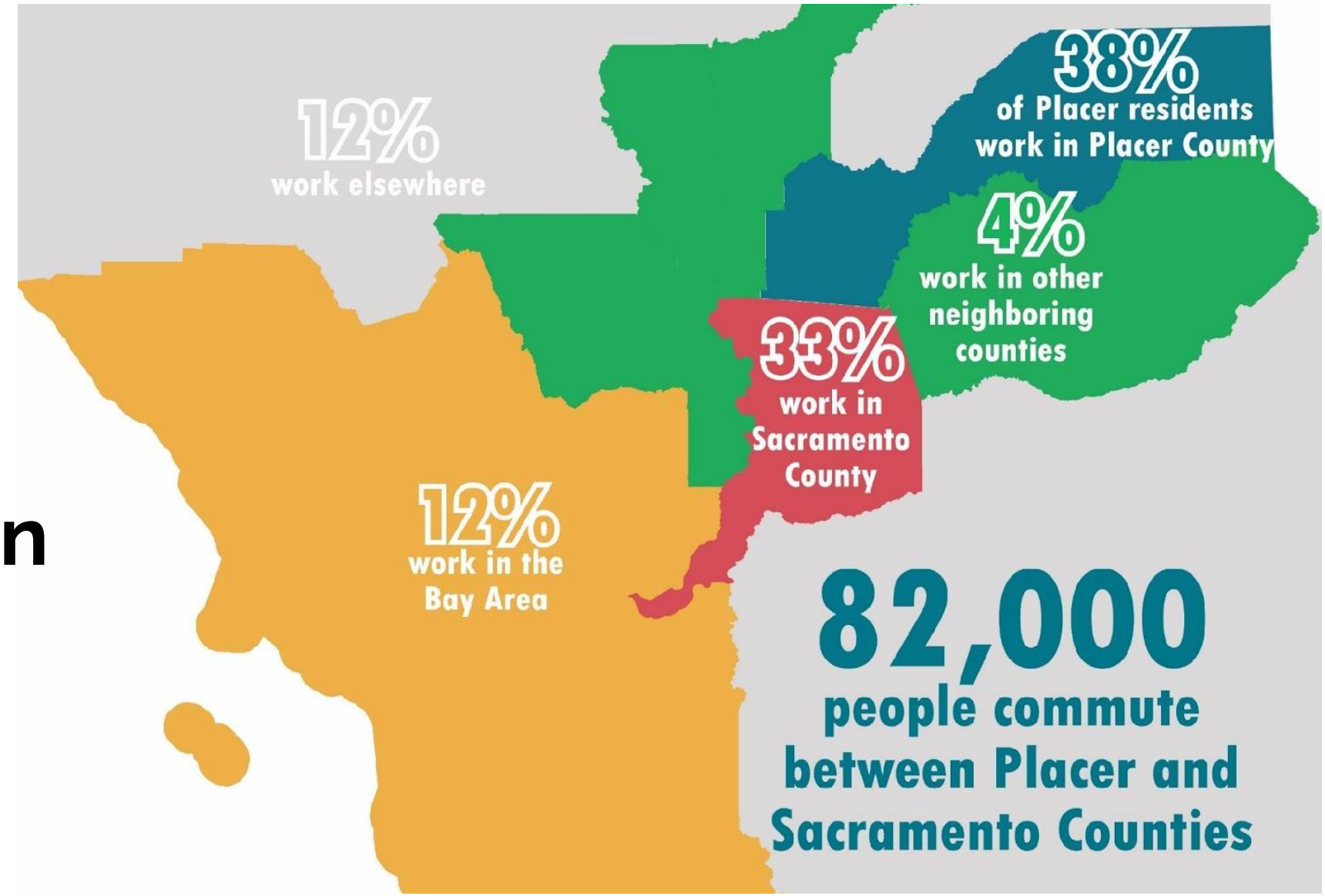
The Northern California Megaregion



Travel Trends During COVID Mar 2020 – Jan 2021

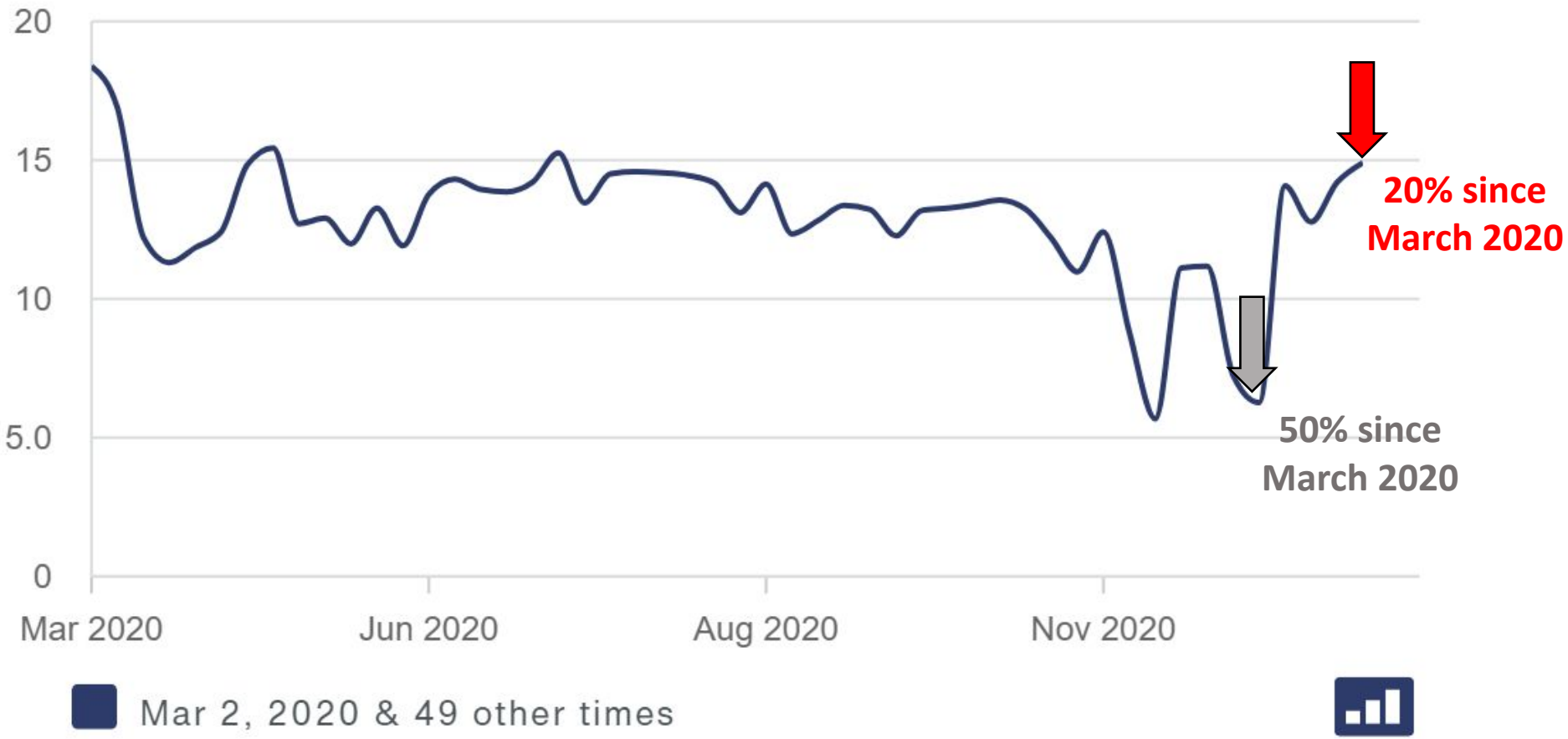
Placer County, CA

Residential Vehicle Miles Traveled (VMTs)

VMT per resident in this geography, average weekday

Week of **Mar 2, 2020** to the week of **Feb 8, 2021**

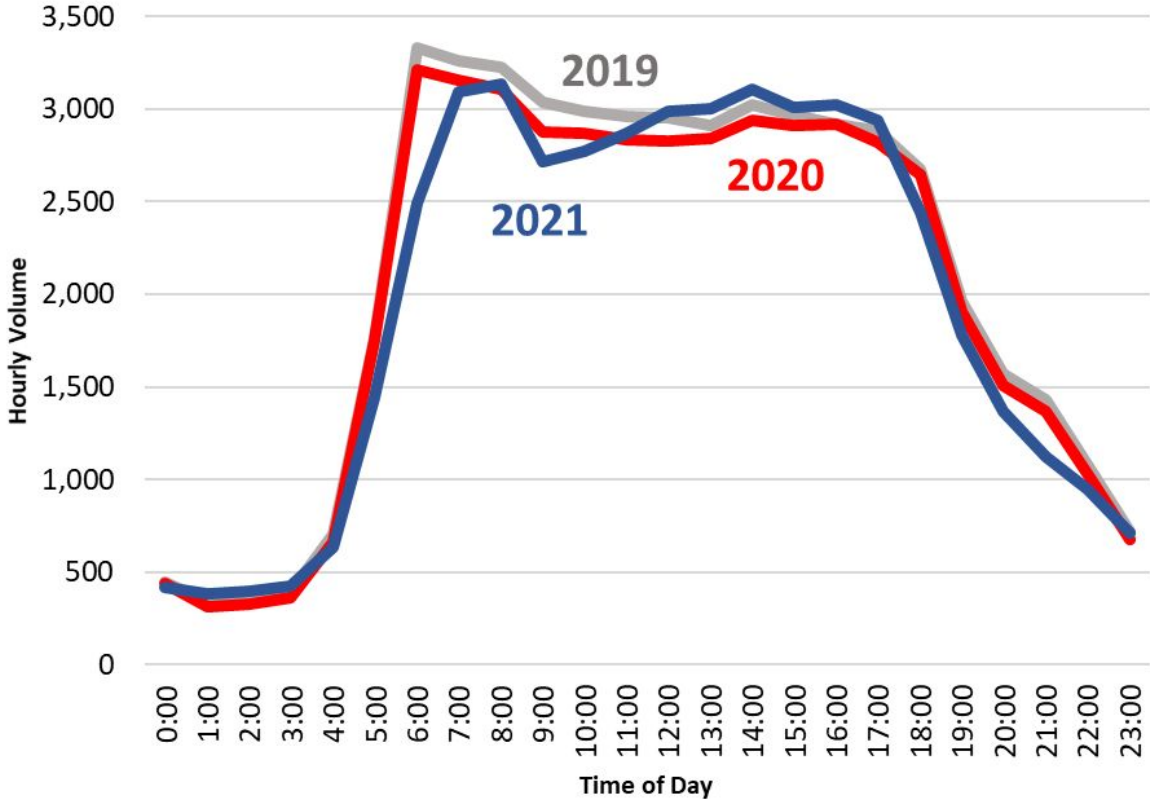
REPLICA



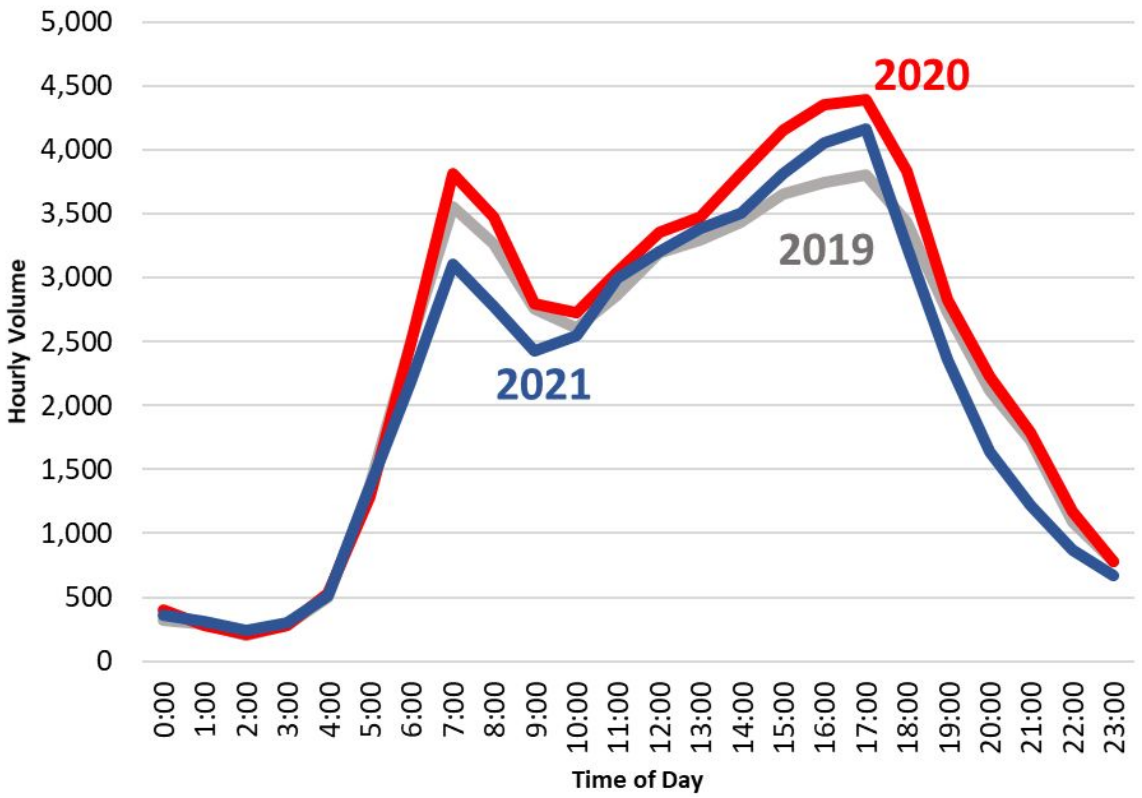
SR-65 Performance Metrics

SR 65 Hourly Traffic Volumes - January

SR 65 SB

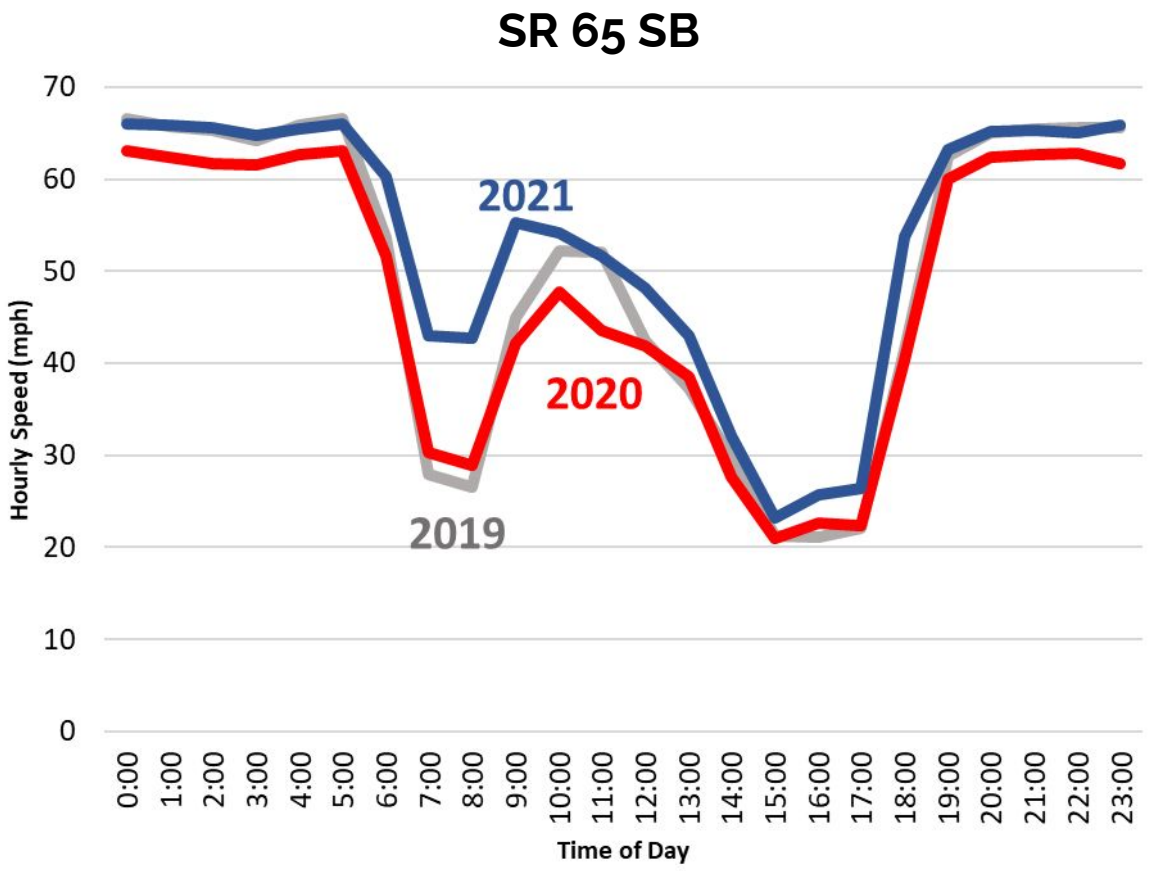


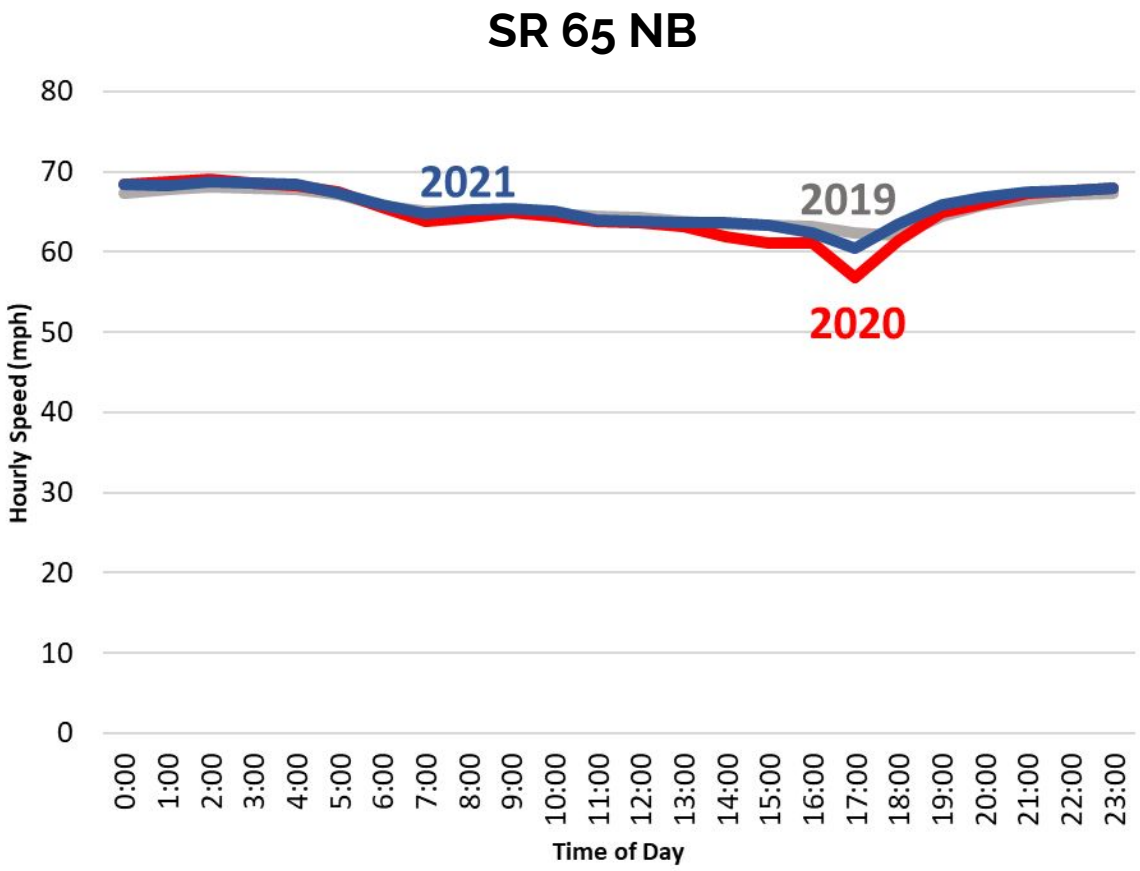
SR 65 NB



Source: CalTrans PEMS Database

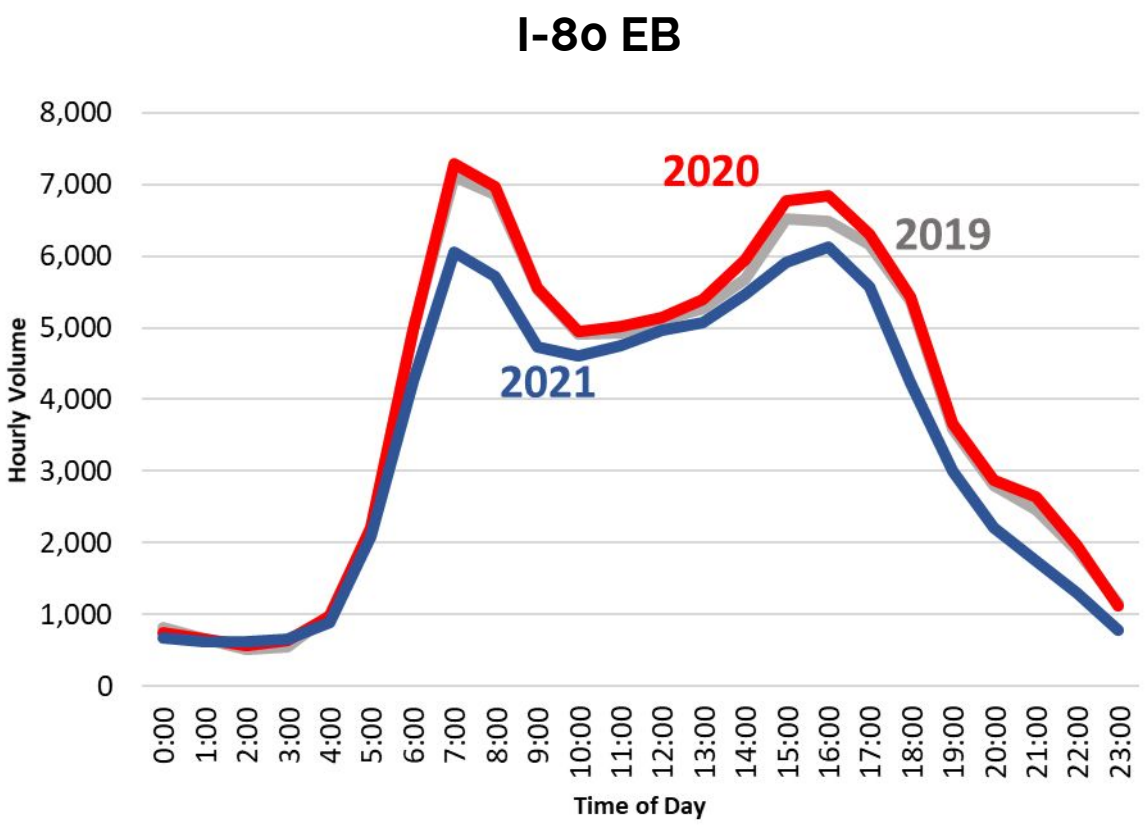
SR 65 Hourly Traffic Speed - January

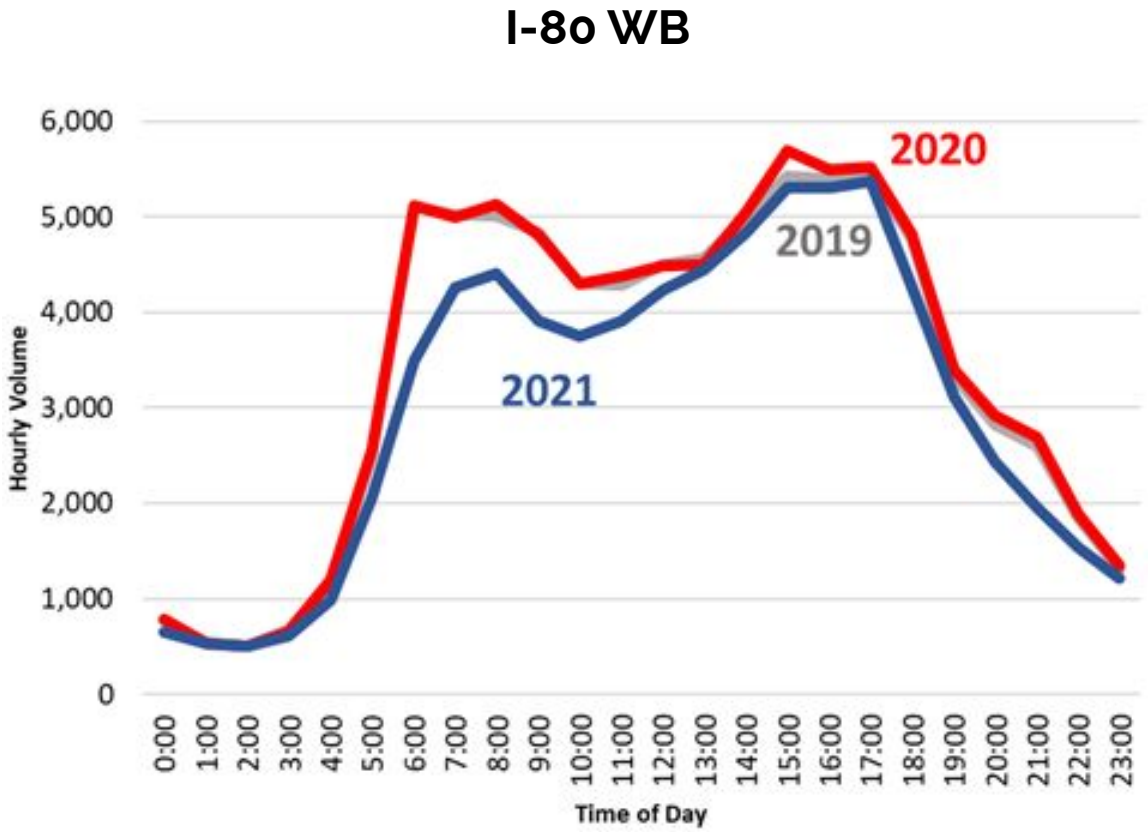




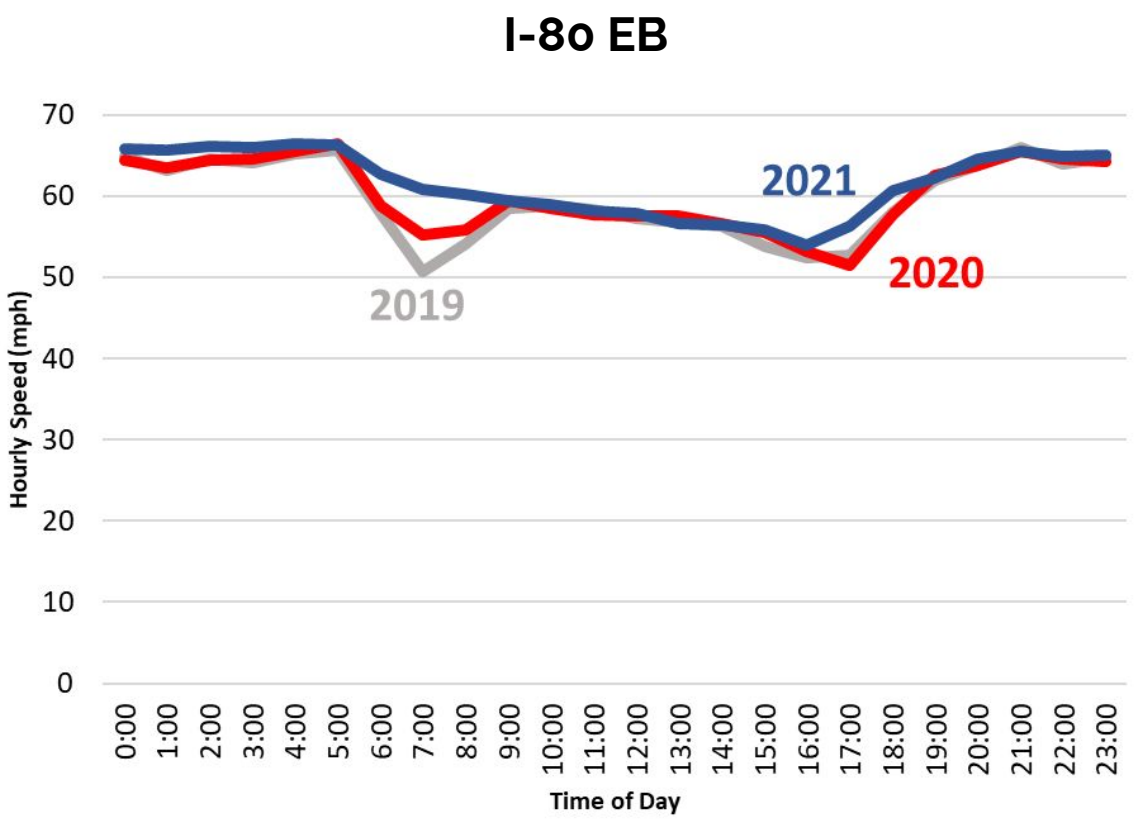
I-80 Performance Metrics

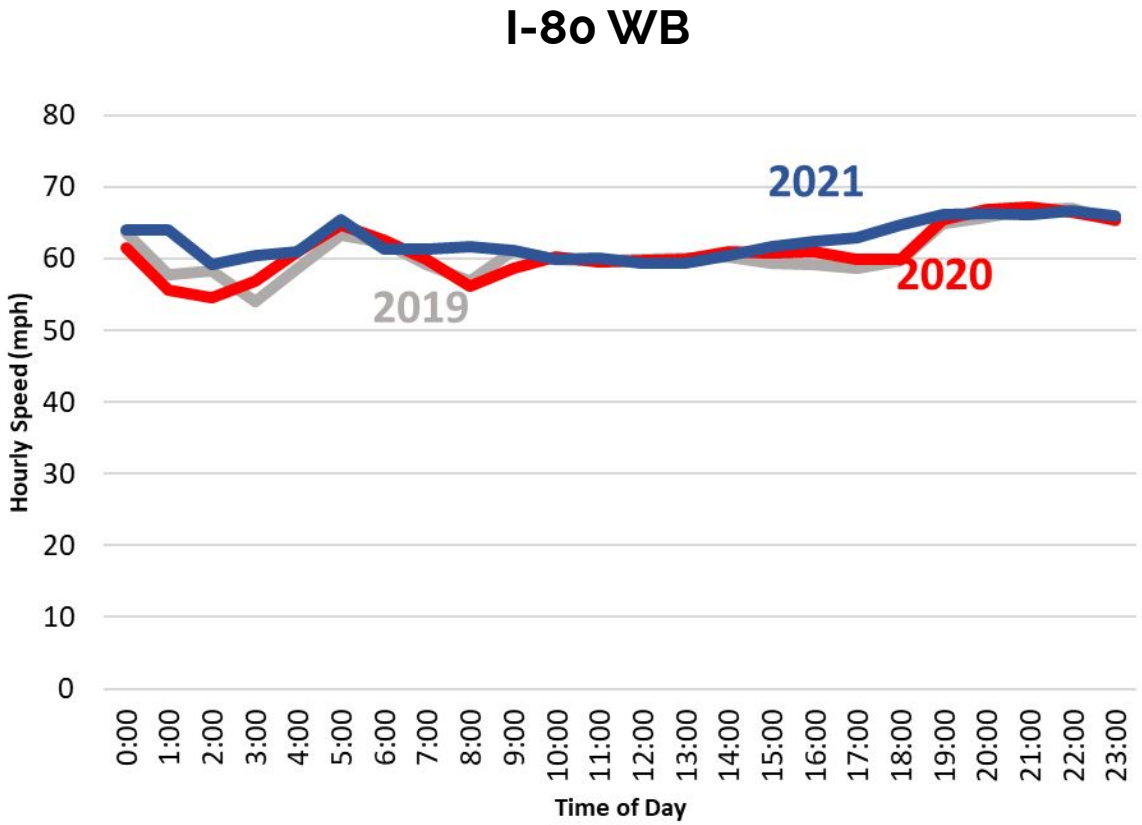
I-80 Hourly Traffic Volumes - January





I-80 Hourly Traffic Speeds - January





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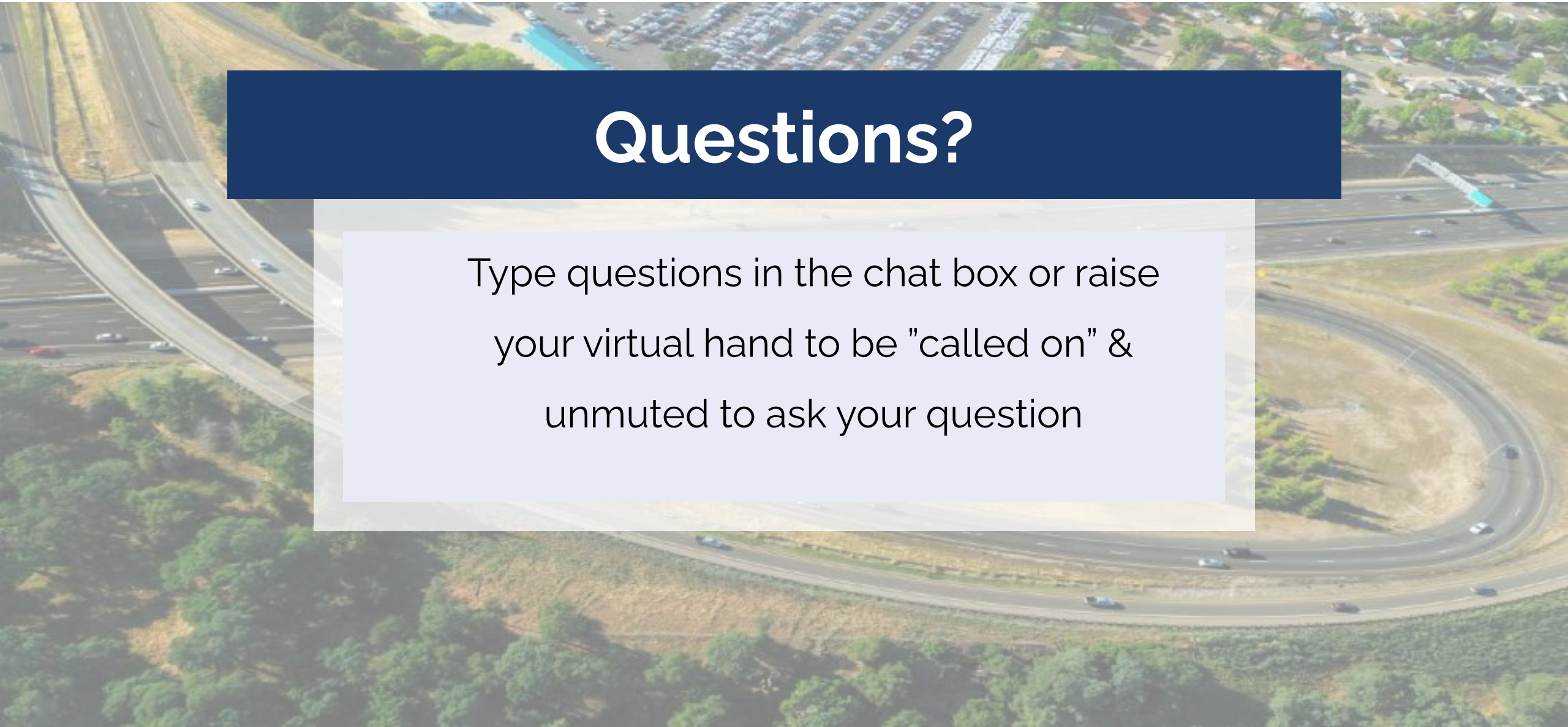

Questions?

Type questions in the chat box or raise your virtual hand to be "called on" & unmuted to ask your question

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Transportation Trivia

1. What factors do transportation planners consider when determining future transportation needs? (Select all that apply)

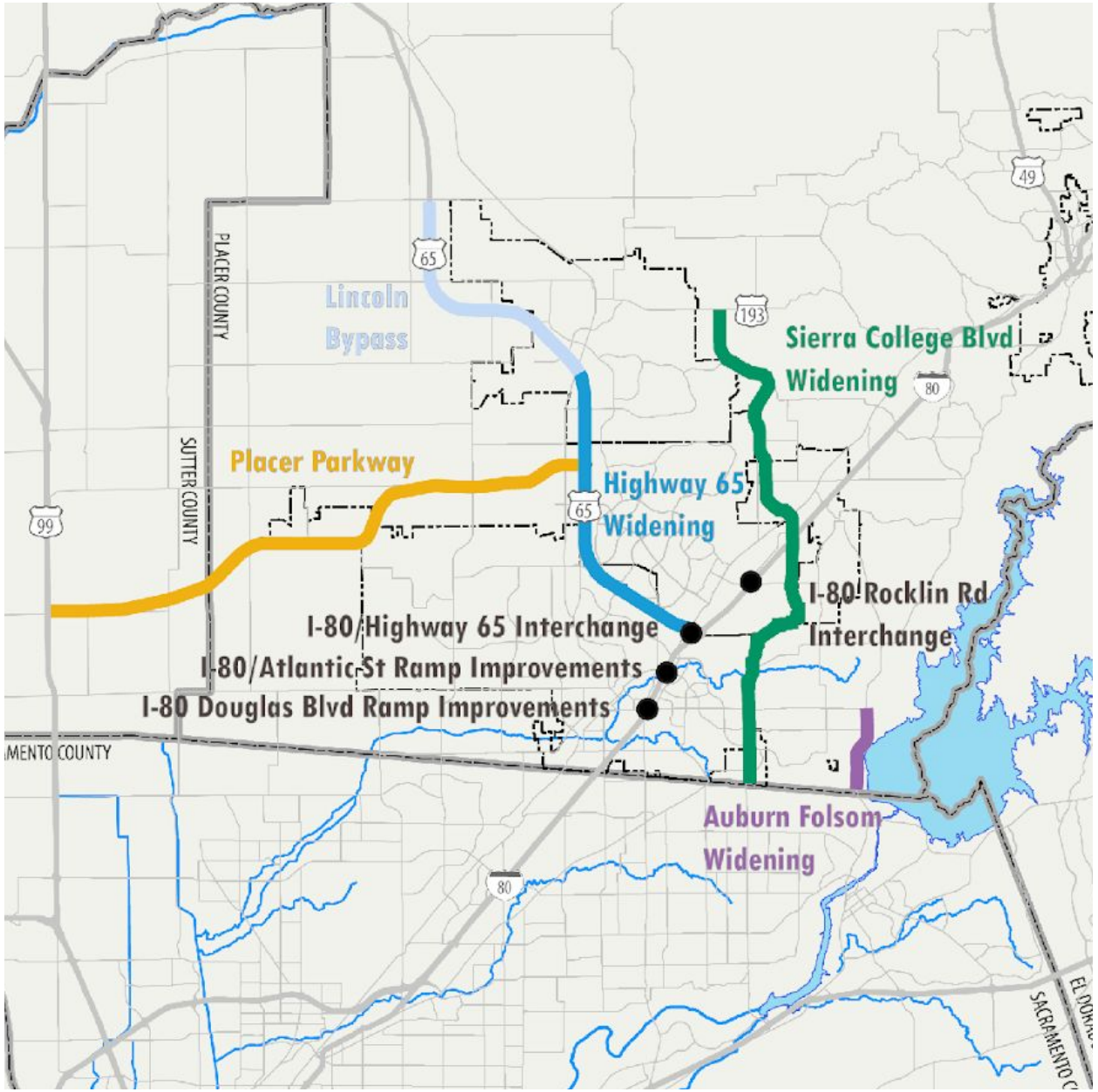
2. When designing freeway improvements, such as the 80/65 Interchange project, transportation engineers need to design for traffic conditions _____ years into the future.

Travel Demand Model & Impact Fees

What is an Impact Fee?

- Fees required of new development
- Cost of growth's impact on public infrastructure
  - If you break it, "you fix it"
  - Cannot pay for existing capacity issues
- Rules for impact fees set in state and federal case law

What do impact fees pay for?

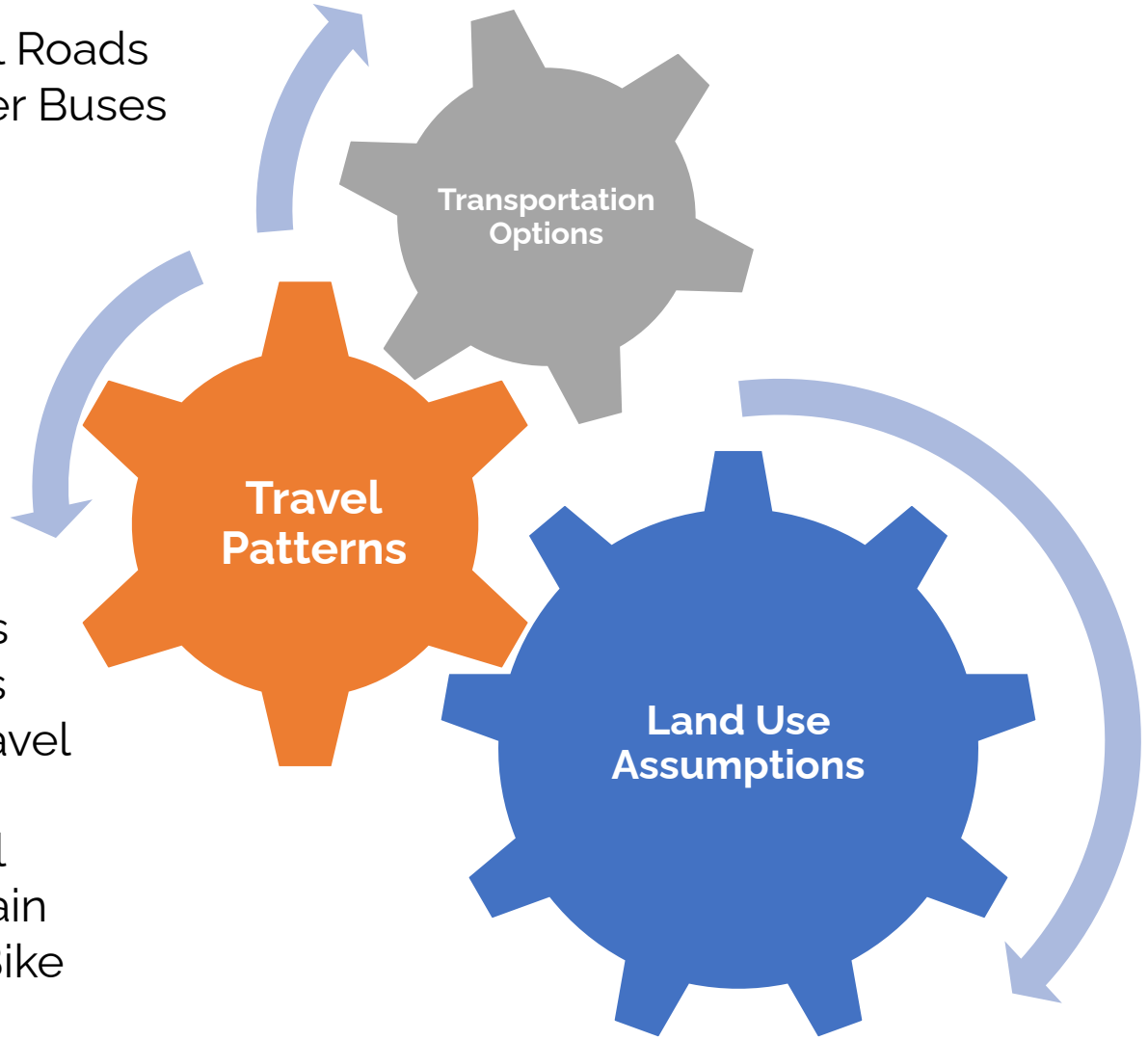


Requirements of the Mitigation Fee Act

1. Identify the **purpose** of the fee
2. Identify the use to which the fee will be put. If the use is financing **facilities, the facilities shall be identified**
3. Determine the reasonable relationship between the **fees' use and the type of development** project on which the fee is imposed
4. Determine the reasonable relationship between the **need for the public facilities** and the types of development on which the fee is imposed
5. Determine how there is a reasonable relationship between the fees amount and the cost of the facilities or the **portion of the facilities attributable to the development** on which the fee is imposed

Travel Demand Model 101: How does it work?

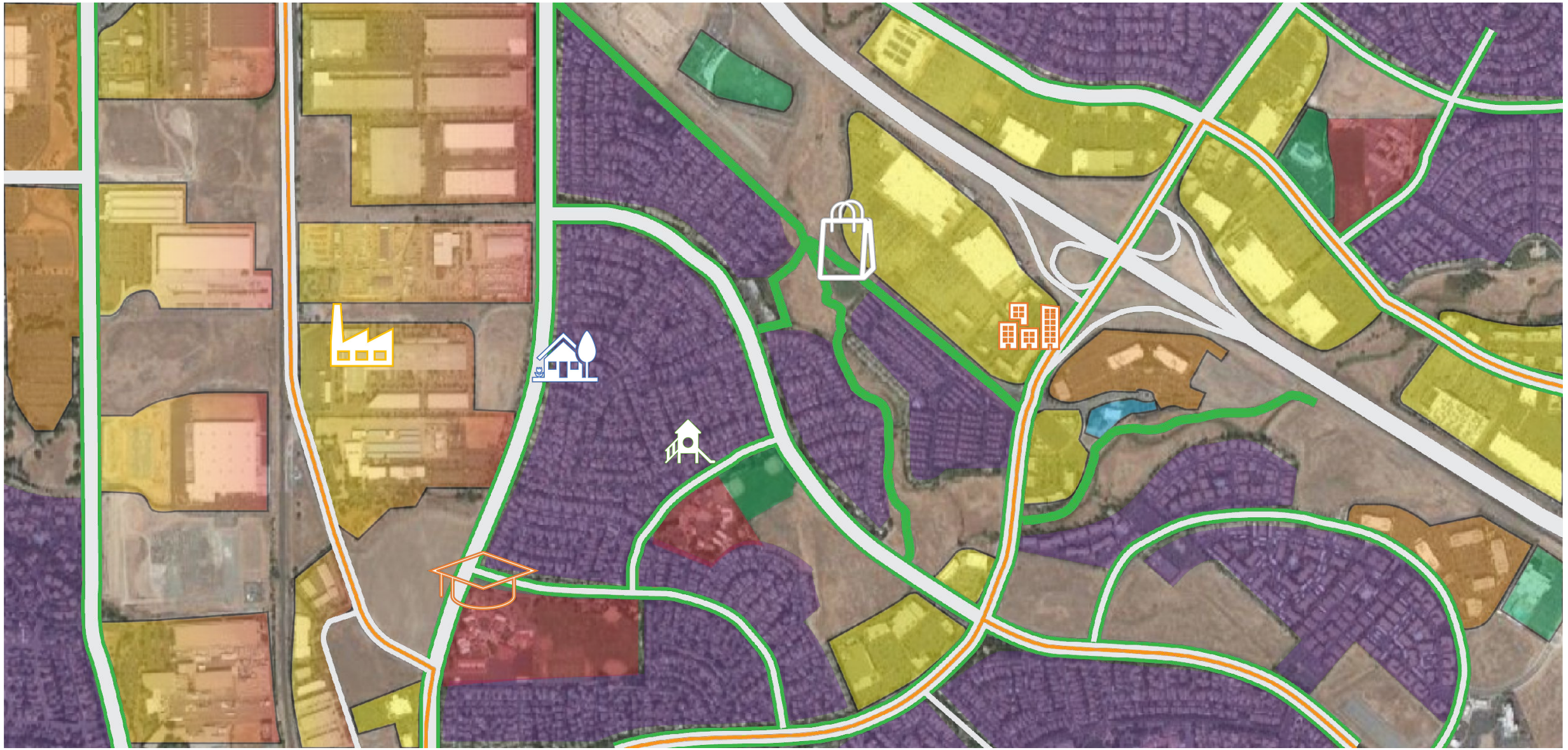
- Highways & Local Roads
- Local & Commuter Buses
- Passenger Rail
- Bikeways



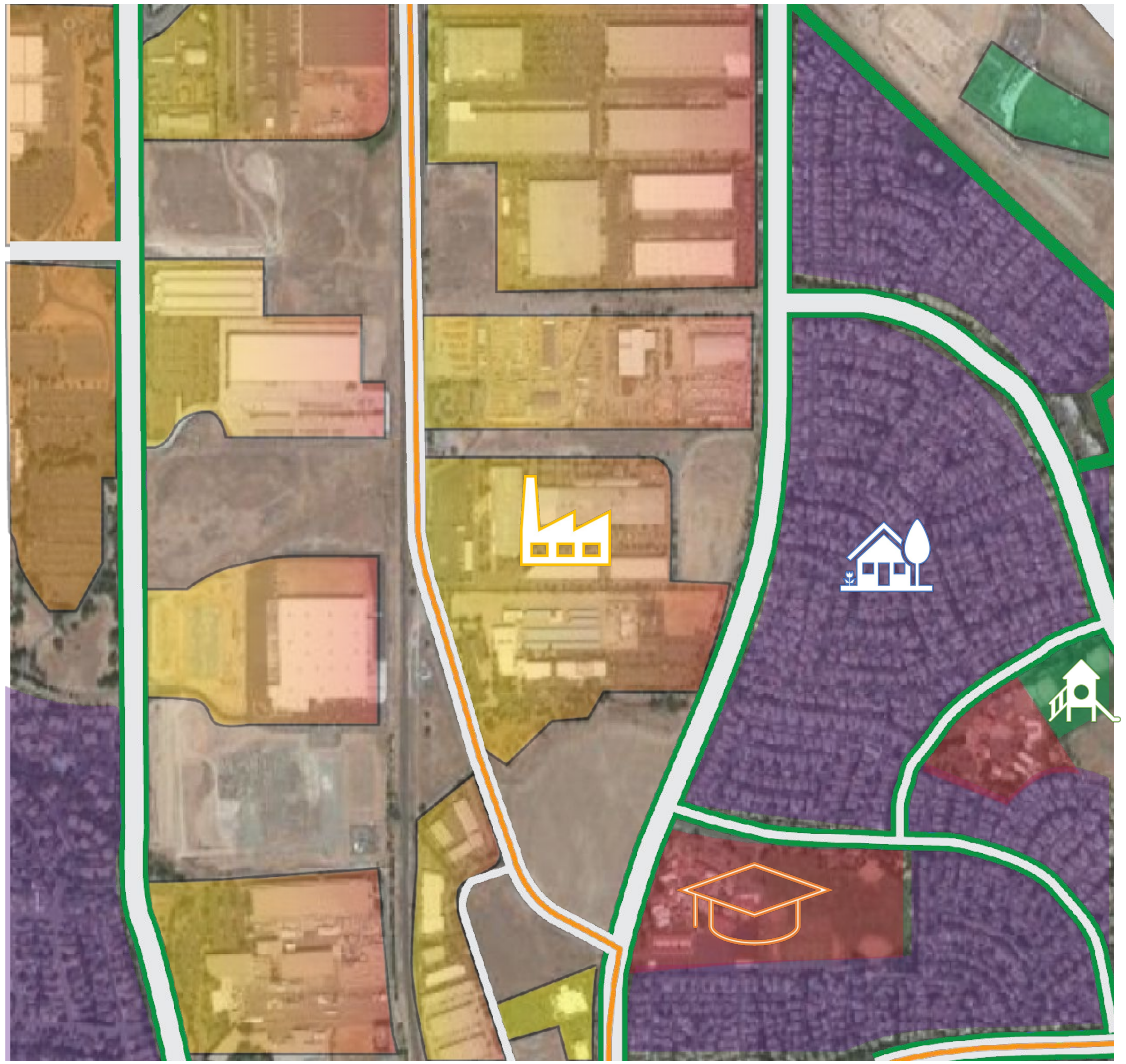
- Trip Lengths
- Destinations
- Model of Travel
  - Auto
  - Carpool
  - Bus/Train
  - Walk/Bike

- Location & Type of:
  - Homes
  - Office Space
  - Retail
  - Restaurants
  - Industrial
  - Entertainment

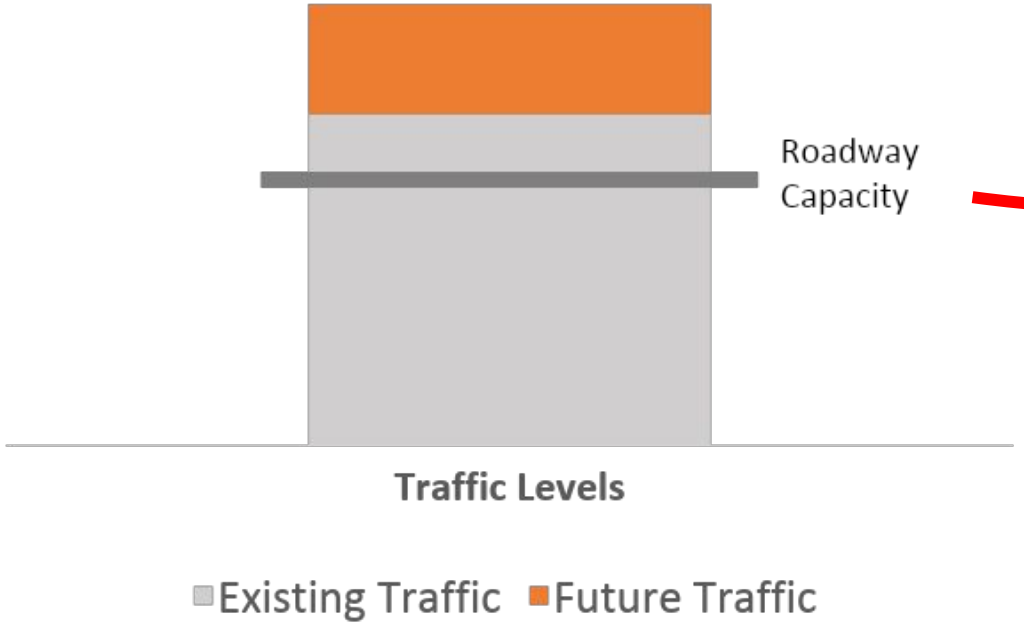
Travel Demand Model 101: How does it work?

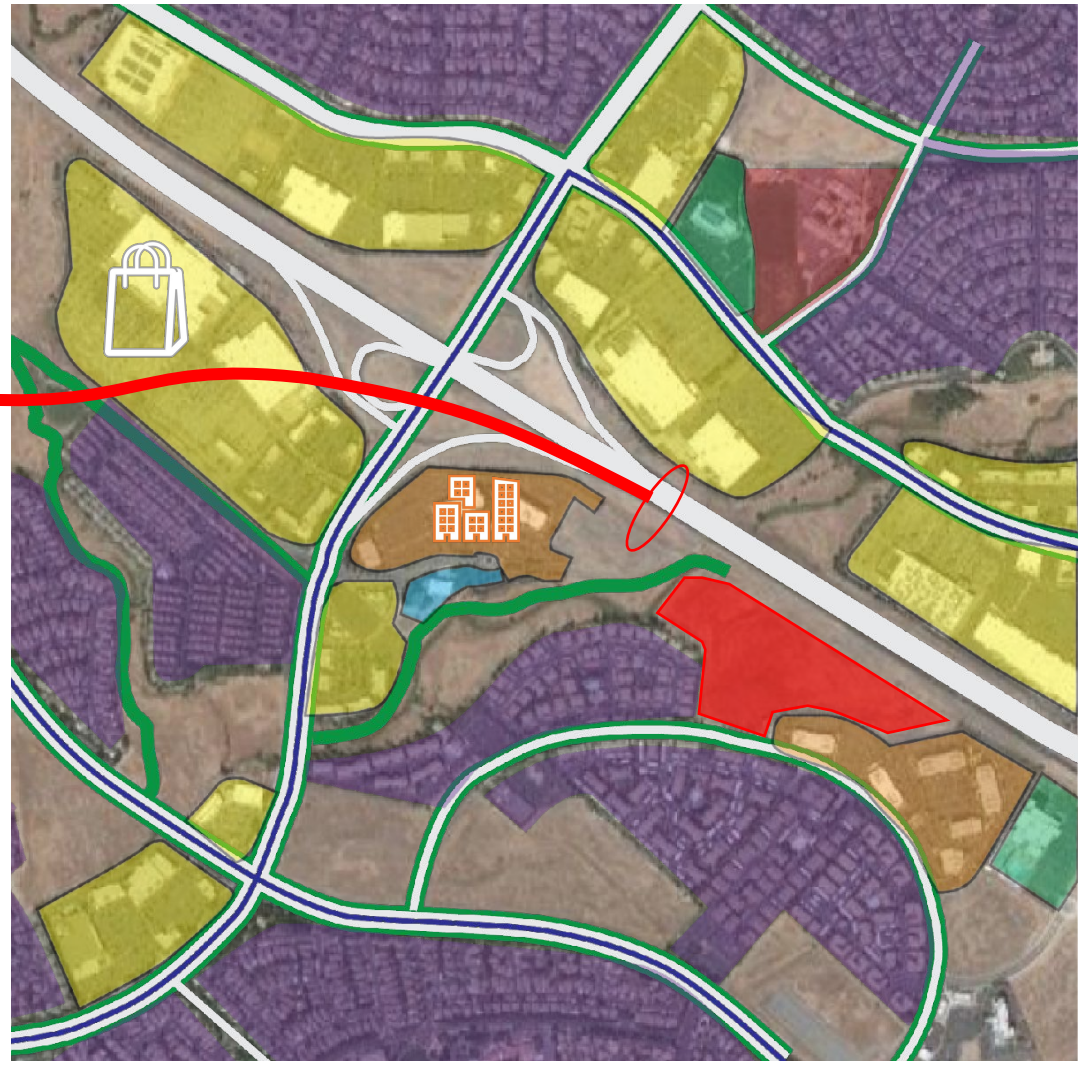


Attributing the Need



Determining Fair Share





What do impact fees pay for?

Project	Estimated Total Cost (Millions)	SPRTA Funding (Millions)	SPRTA Percentage	% of SPRTA
SR-65 Widening	115	67	58%	34.2%
Sierra College Boulevard Widening	45	45	100%	23.2%
Lincoln Bypass	324	30	9%	15.3%
Placer Parkway	660	10	2%	5.1%
I-80 / Rocklin Road Interchange	30	10	33%	5.1%
Auburn-Folsom Road Widening	23	8	35%	4.1%
Transit Projects	7	7	100%	3.6%
I-80 / Douglas Boulevard Interchange	40	5	13%	2.6%
I-80/SR 65 Interchange	450	5	1%	2.6%
Atlantic Street WB I-80 Ramp	5	5	100%	2.3%
Administration Costs	3	3	100%	1.5%
Douglas Blvd WB I-80 Ramp	1	1	100%	0.4%
Total	$1,703	$196	12%	100.0%

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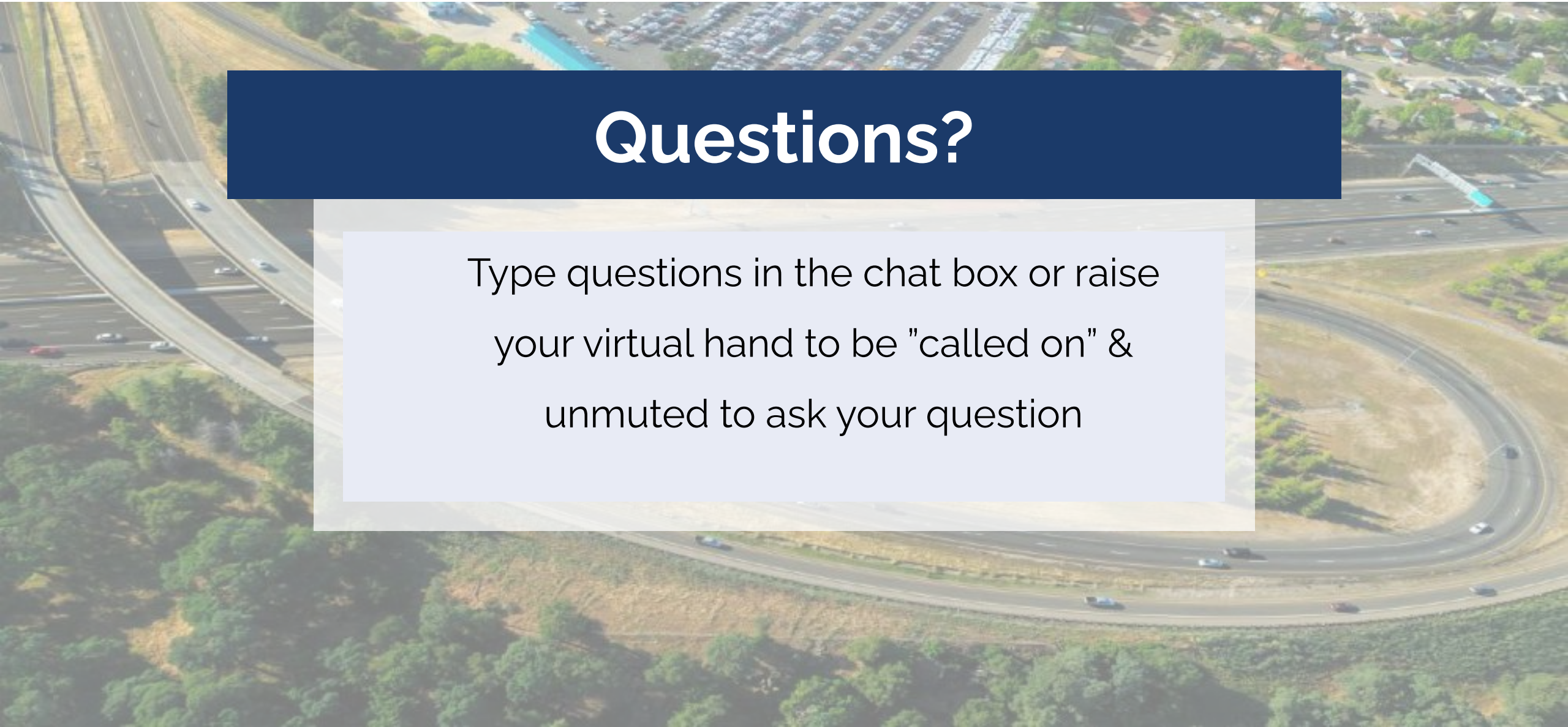

Questions?

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Placer County Transportation Planning Agency

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Transportation Trivia

1. What is the overall investment needed to fund the Placer region's transportation infrastructure needs?
2. What percentage of that need will be paid by the building community?

Filling the Gap

Over $3 Billion

Placer County has over **$3 Billion** of planned transportation infrastructure needs

Over $1 Billion remains unfunded

$2 Billion will be paid by the building community

Funding Then vs Now

DECADES AGO

90% STATE AND FEDERAL GOVERNMENT FUNDING

10% LOCAL FUNDING

NOW

50% STATE AND FEDERAL GOVERNMENT FUNDING

FUNDING GAP

10% LOCAL FUNDING

The Road Repair and Accountability Act

SB1 IS FUNDING

Public Transit
Maintenance, Accessibility and Operation Costs

Pedestrian Safety
ADA Compliance, Sidewalks, Pedestrian Paths

Local Congestion Management
Traffic Signals, Roundabouts and Technology

Road & Bridge Maintenance
Safety Upgrades, Repairs and General Improvements

SB1 IS NOT FUNDING

- I-80/65 Interchange Improvements
- Highway 65 Widening
- Horseshoe Bar or Nelson Lane Interchange Improvements
- Placer Parkway

Projects

Highway 49 Sidewalks

FUNDED

Multimodal Priority Projects

FUNDED

Roadway Project

Transportation Systems Management Project

Transit Project

Bicycle/Pedestrian Project

SCCP Grant Overview

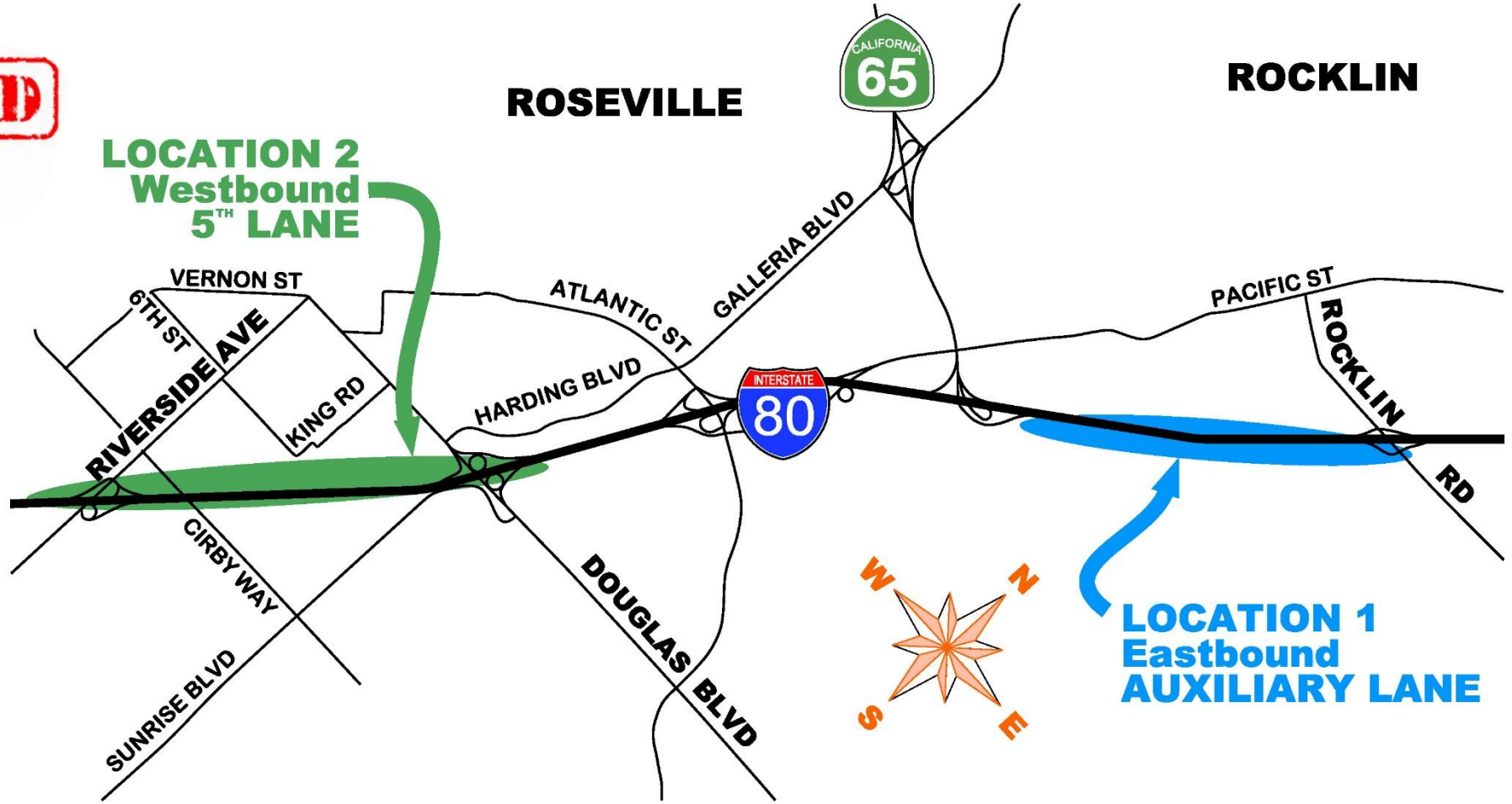
8 improvements

6 agency sponsors

$67M funding request

Auxiliary Lanes Project

FUNDED

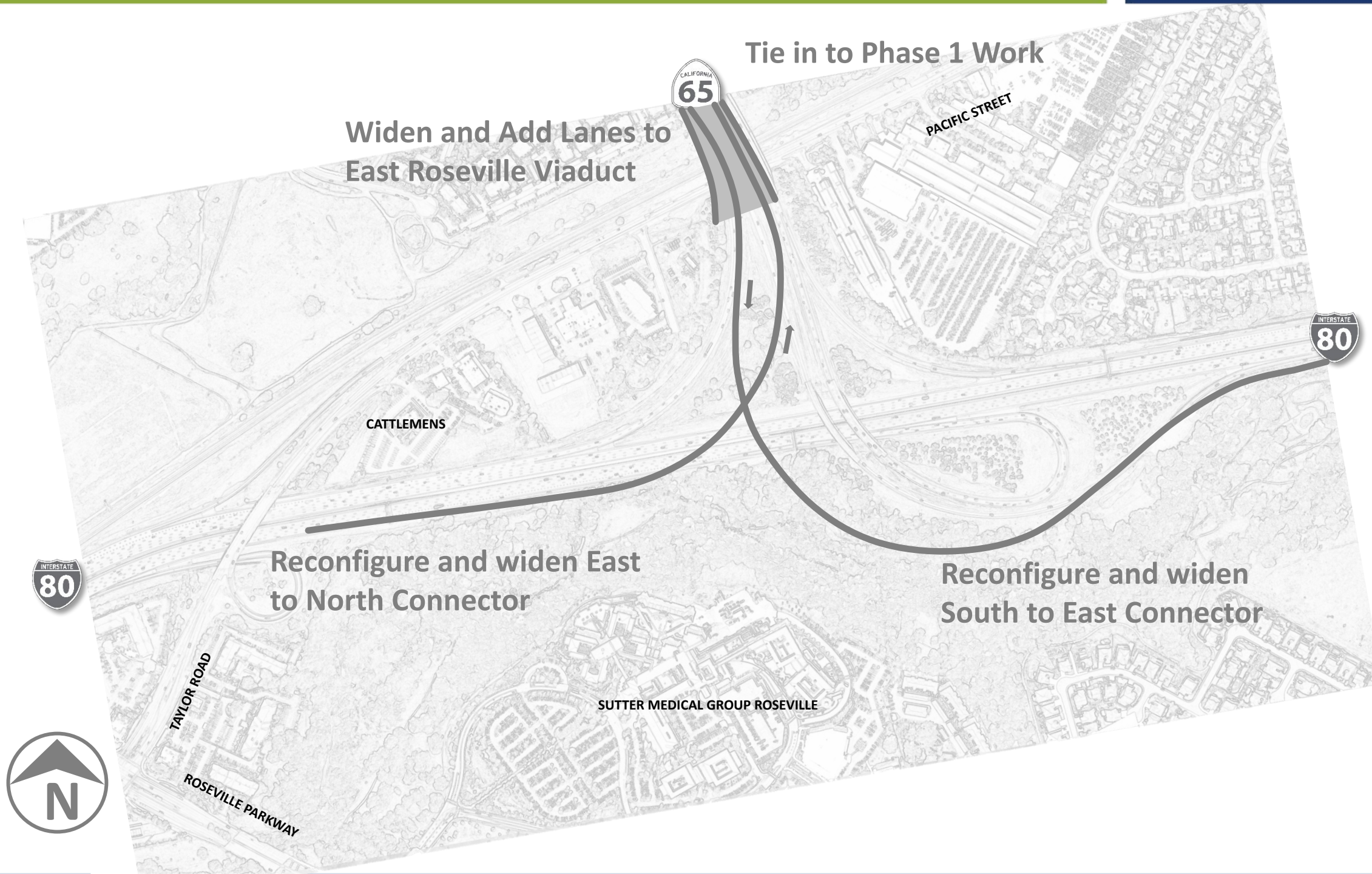


INTERSTATE CALIFORNIA 80 AUXILIARY LANES

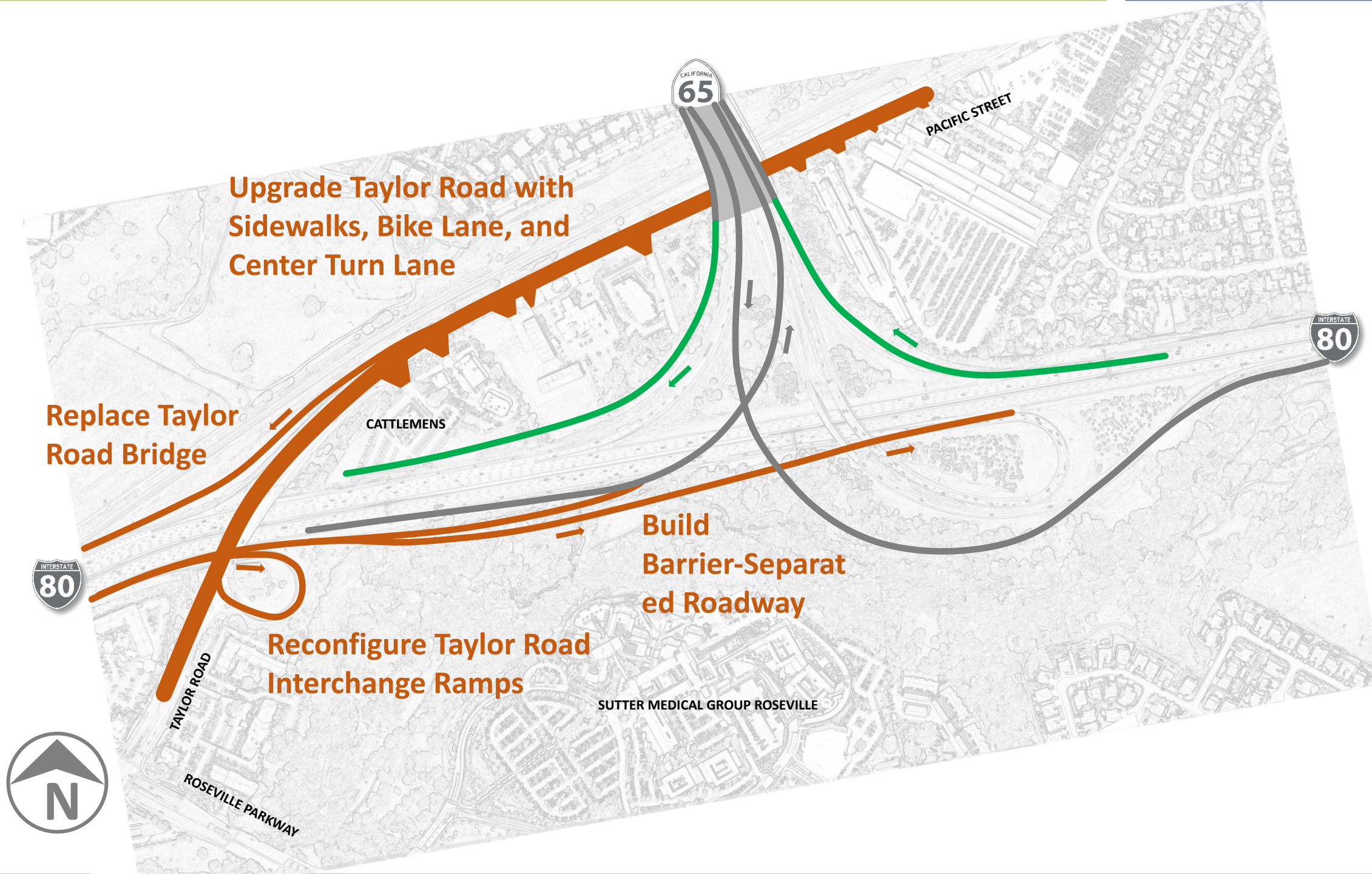
PLACER COUNTY TRANSPORTATION PLANNING AGENCY

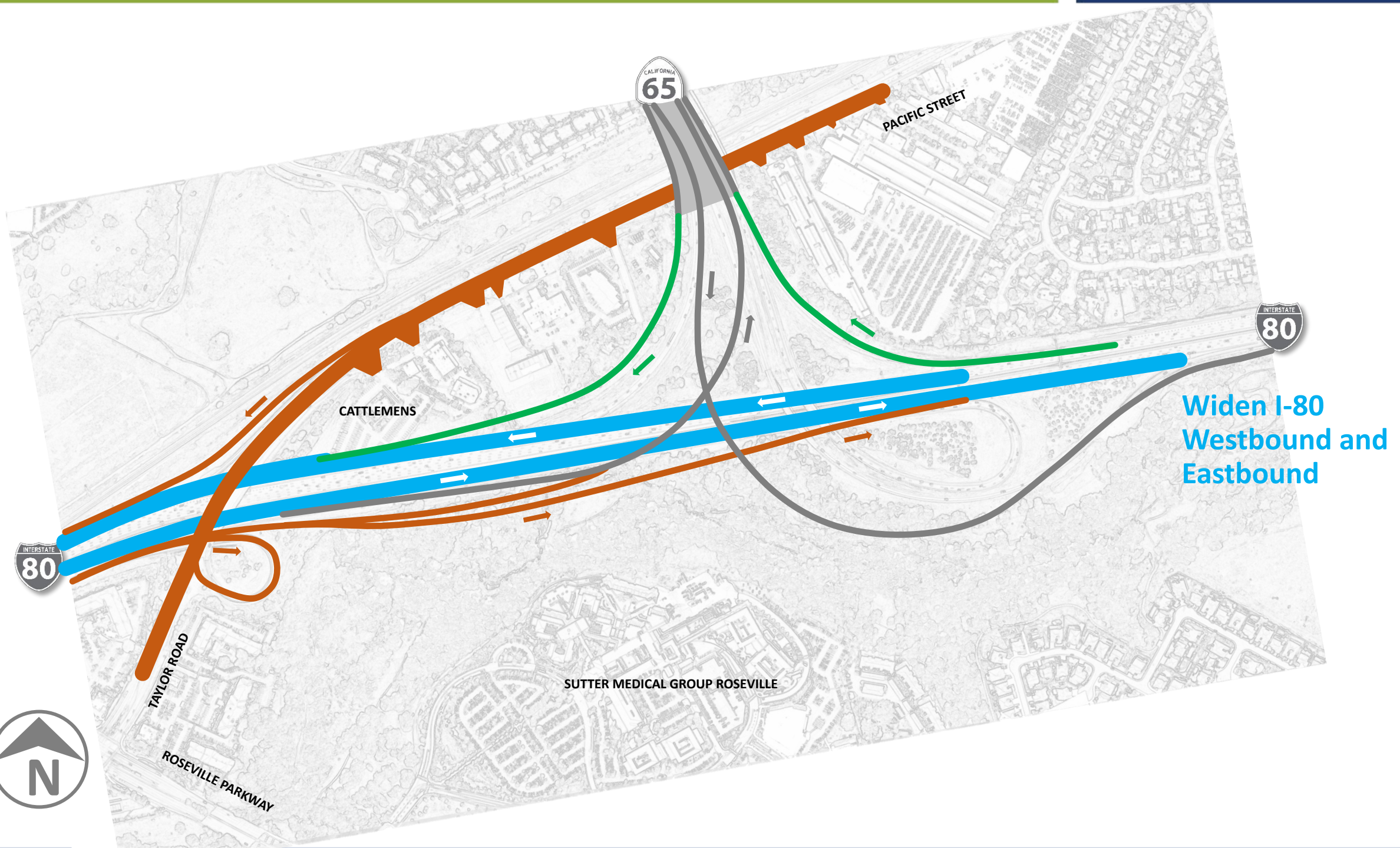
MAJOR PROJECTS

DRESSBARN


Tie in to Phase 1 Work
Widen and Add Lanes to
East Roseville Viaduct
CALIFORNIA
65
PACIFIC STREET
INTERSTATE
80
CATTLEMENS
Reconfigure and widen East
to North Connector
Reconfigure and widen
South to East Connector
INTERSTATE
80
TAYLOR ROAD
SUTTER MEDICAL GROUP ROSEVILLE
ROSEVILLE PARKWAY
N

CALIFORNIA
65
PACIFIC STREET
Add Lane to West
to North Connector
Add Lane to South
to West Connector
INTERSTATE
80
CATTLEMENS
INTERSTATE
80
TAYLOR ROAD
SUTTER MEDICAL GROUP ROSEVILLE
ROSEVILLE PARKWAY
N

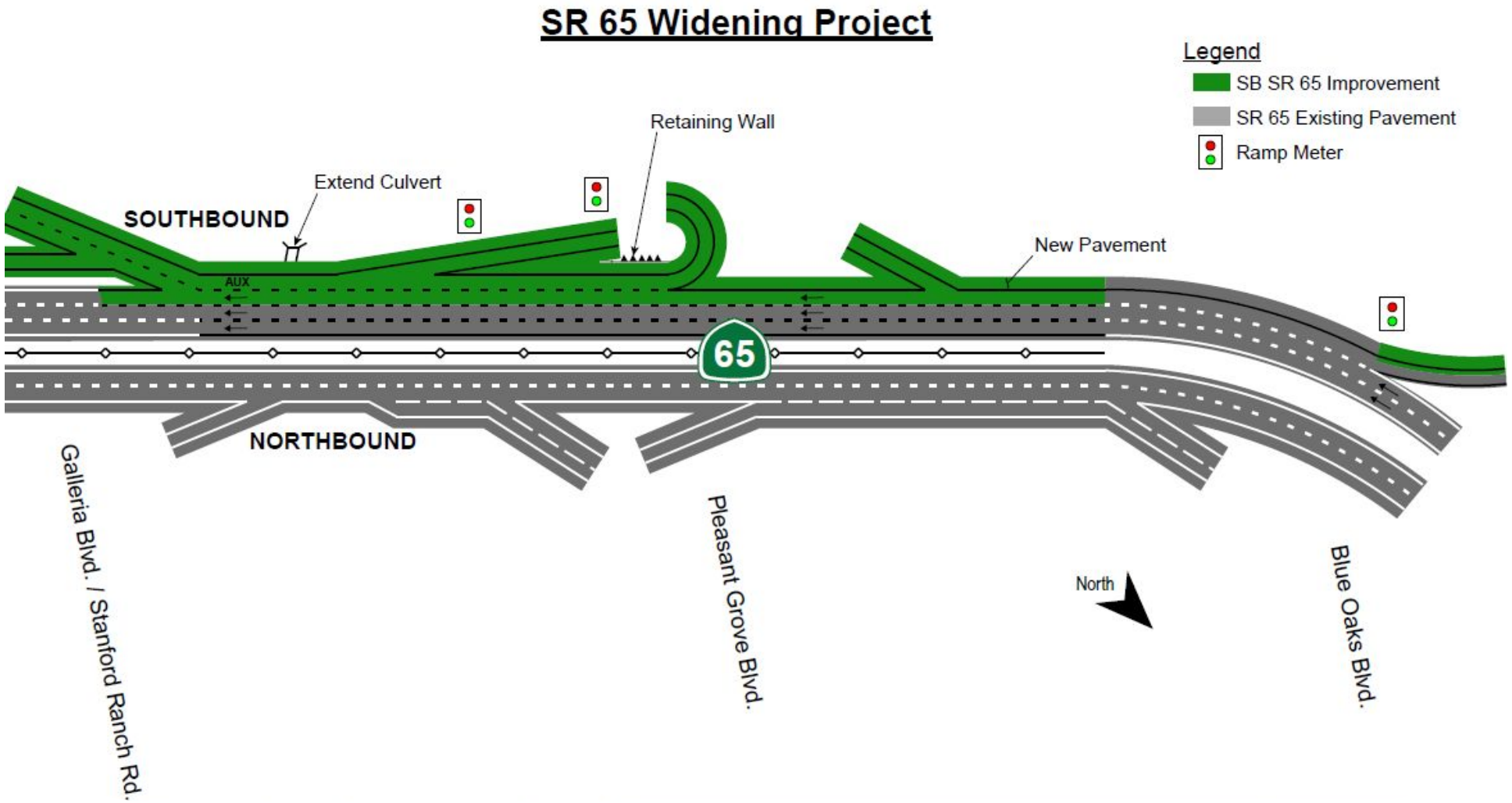

Upgrade Taylor Road with Sidewalks, Bike Lane, and Center Turn Lane
Replace Taylor Road Bridge
Build Barrier-Separated Roadway
Reconfigure Taylor Road Interchange Ramps
CALIFORNIA 65
INTERSTATE 80
INTERSTATE 80
PACIFIC STREET
CATTLEMENS
SUTTER MEDICAL GROUP ROSEVILLE
TAYLOR ROAD
ROSEVILLE PARKWAY
N



Widen I-80 Westbound and Eastbound

I-80 / Highway 65 Interchange - Northbound
2028
8am Traffic

Proposed Phase 1 Improvements



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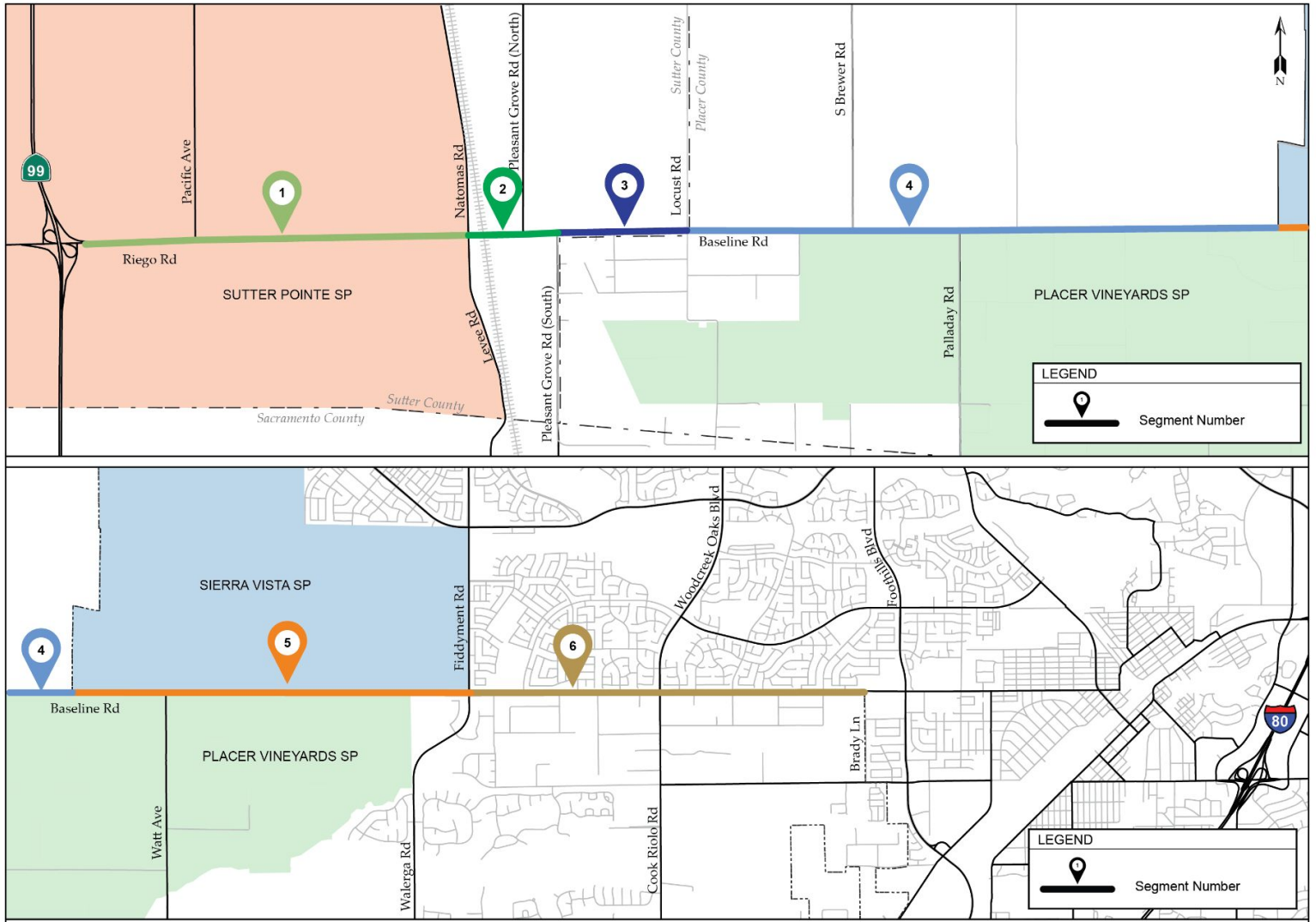
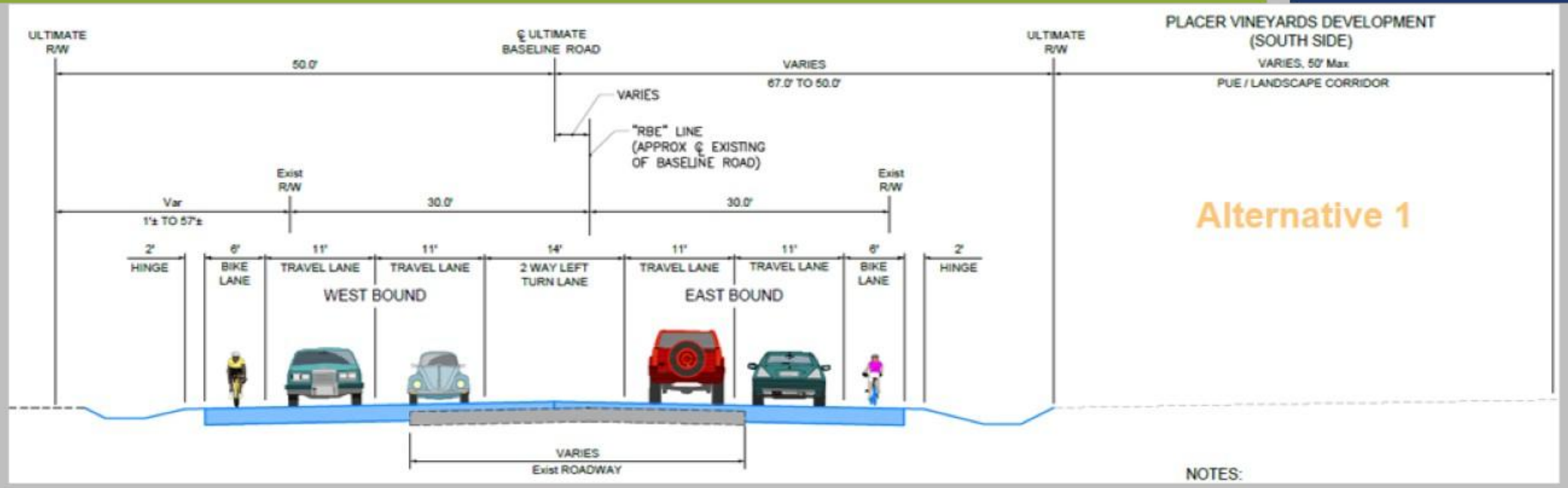
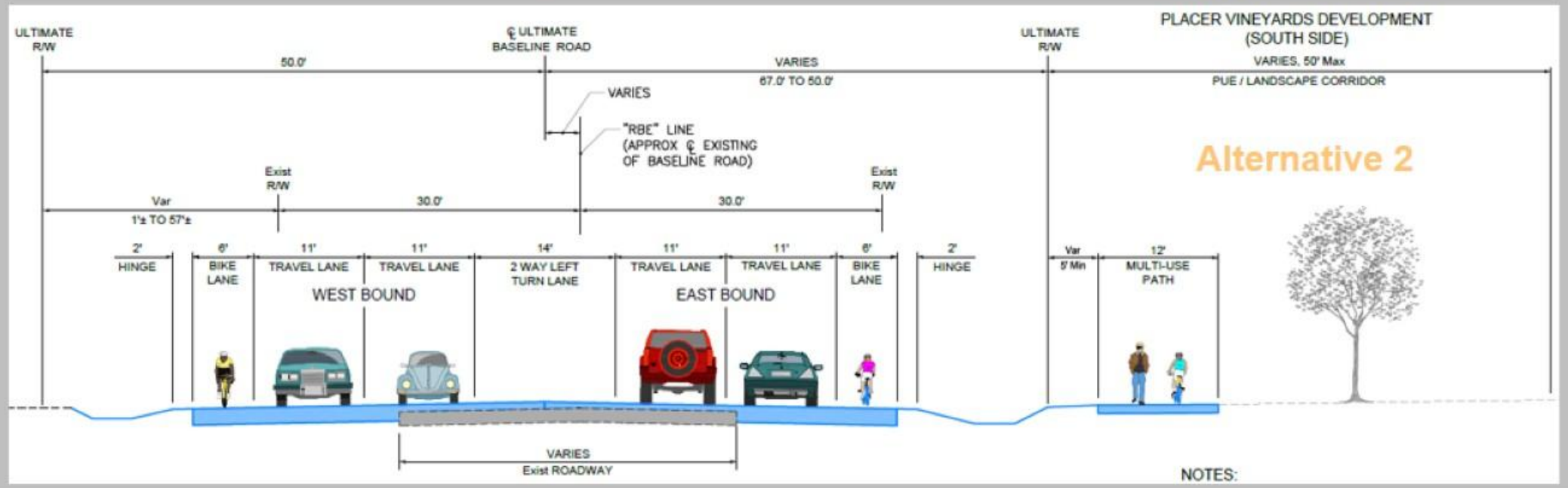


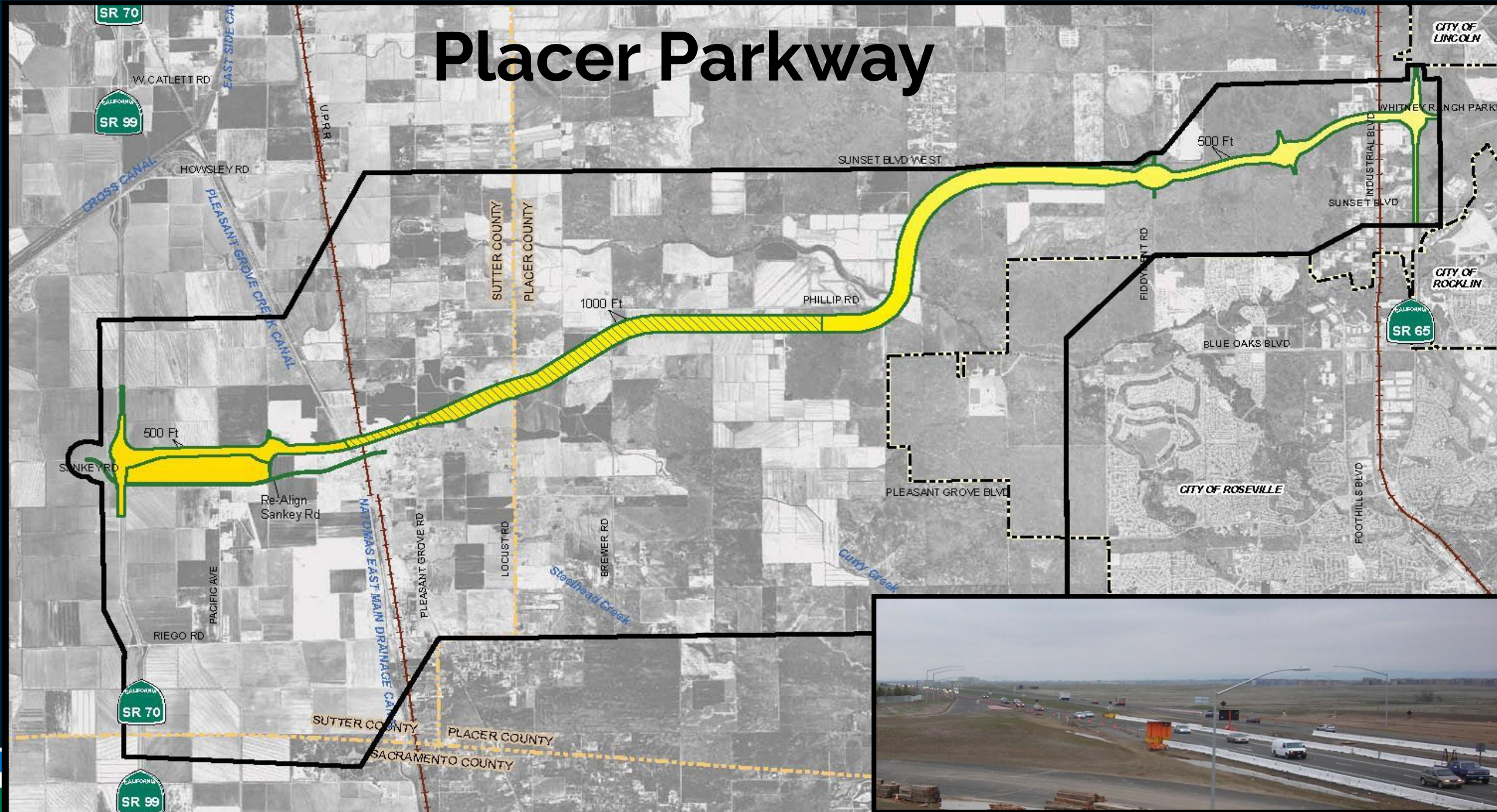
Riego Road / Baseline Road Widening (4 Lanes)





Dewberry | drakehaglan

Placer Parkway



Placer Parkway

$595 million

- Phase 1 will complete the Whitney Ranch/ SR 65 Interchange and create a four-lane extension to Foothill Boulevard
- Phase 1 will begin construction in 2023

Local Roadway Projects

- Blue Oaks Widening (Roseville)
- Rocklin Road Interchange (Rocklin
- Nelson Road Interchange (Lincoln)
- Horseshoe Bar Road Interchange (Loomis)
- Ferrari Ranch Road Widening (Lincoln)
- Highway 49 Widening- 6 lanes (Auburn)

Rocklin Road Interchange

Ferrari Ranch Road (Lincoln)

Blue Oaks Widening (Roseville)

Horseshoe Bar Road Interchange (Loomis)

Rocklin Projects

Rocklin Road Interchange

Pacific Street Roundabout

Sunset Park Trail

- Rocklin Road Interchange
- Pacific Street Roundabout
- Aguilar Road Improvements
- Farron Railroad Pedestrian Crossing
- Five Star Boulevard and Destiny Drive Reconstruction
- Granite Drive Median
- Lonetree and Stanford Ranch Median Projects

Local Bicycle Network

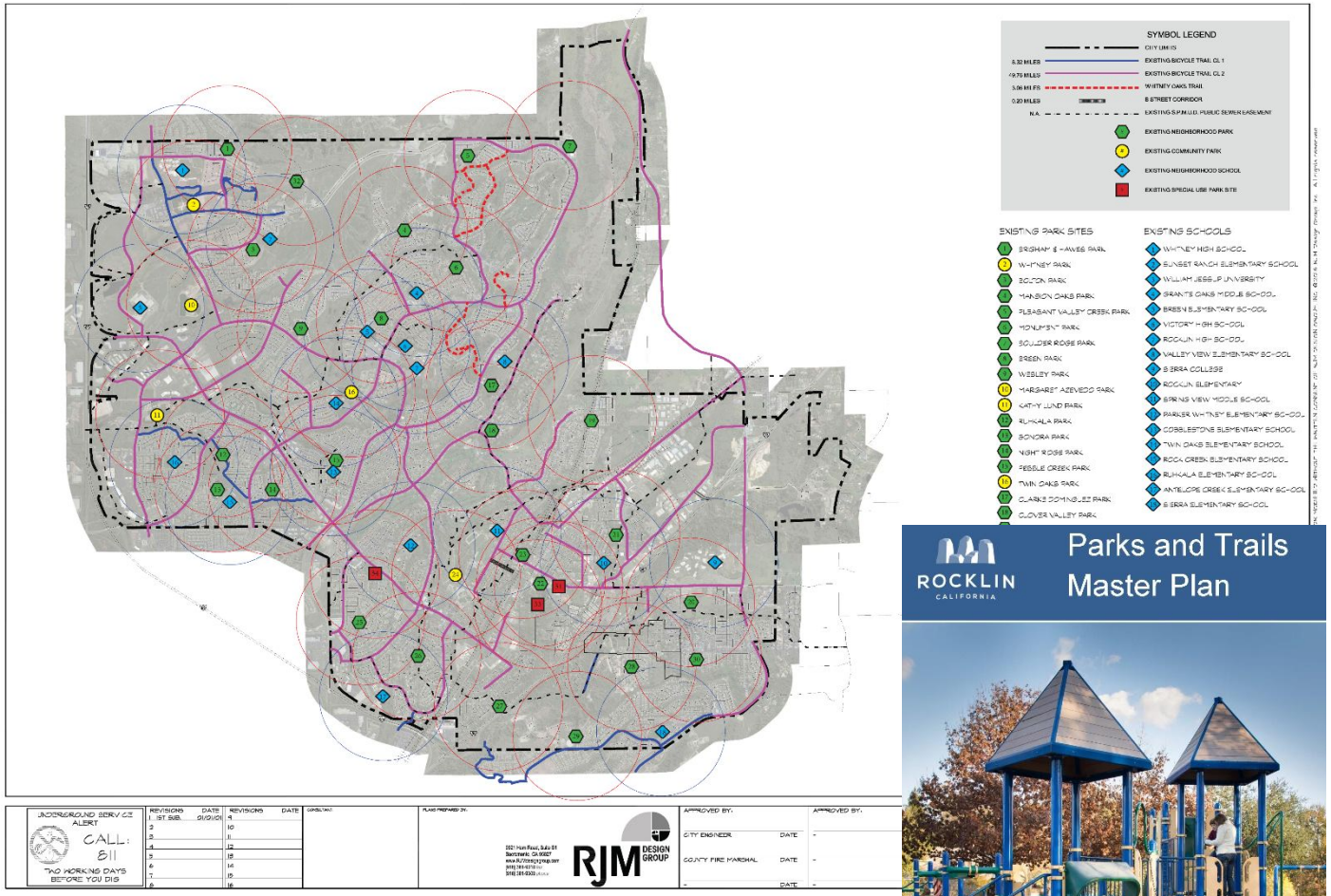


Figure 6: Bike Path (Class I)

Figure 7: Bike Lane (Class II)

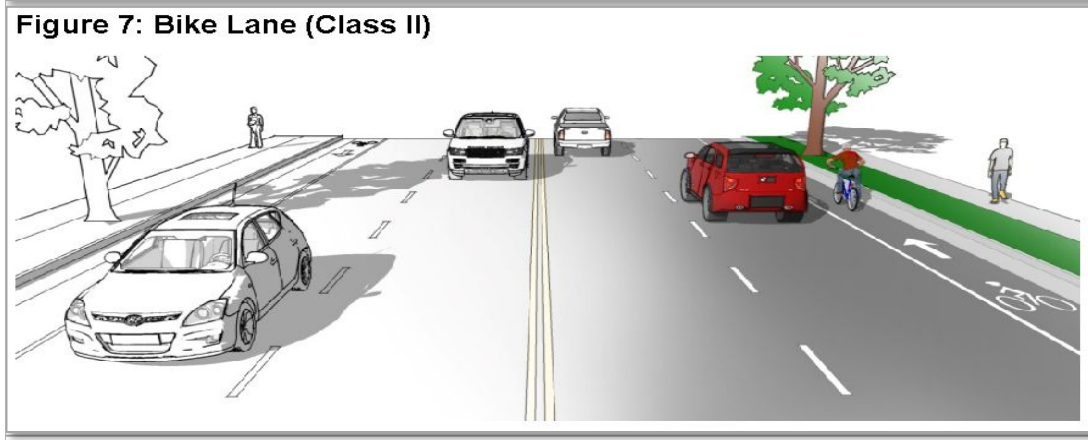
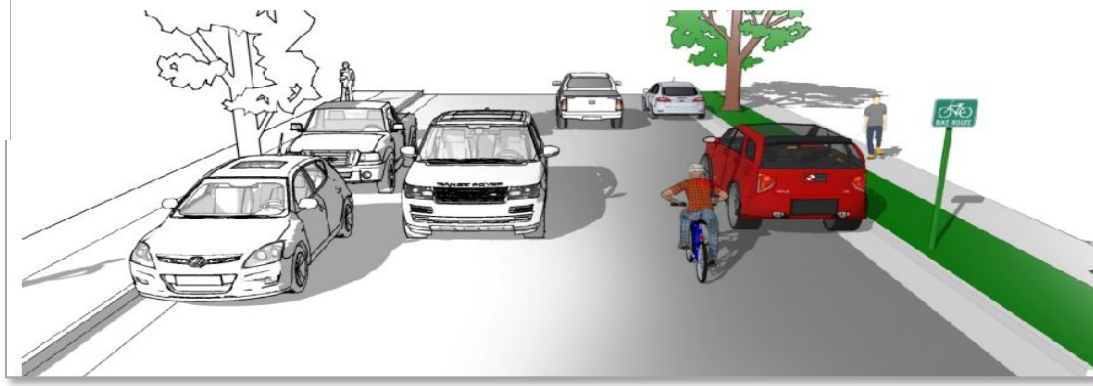
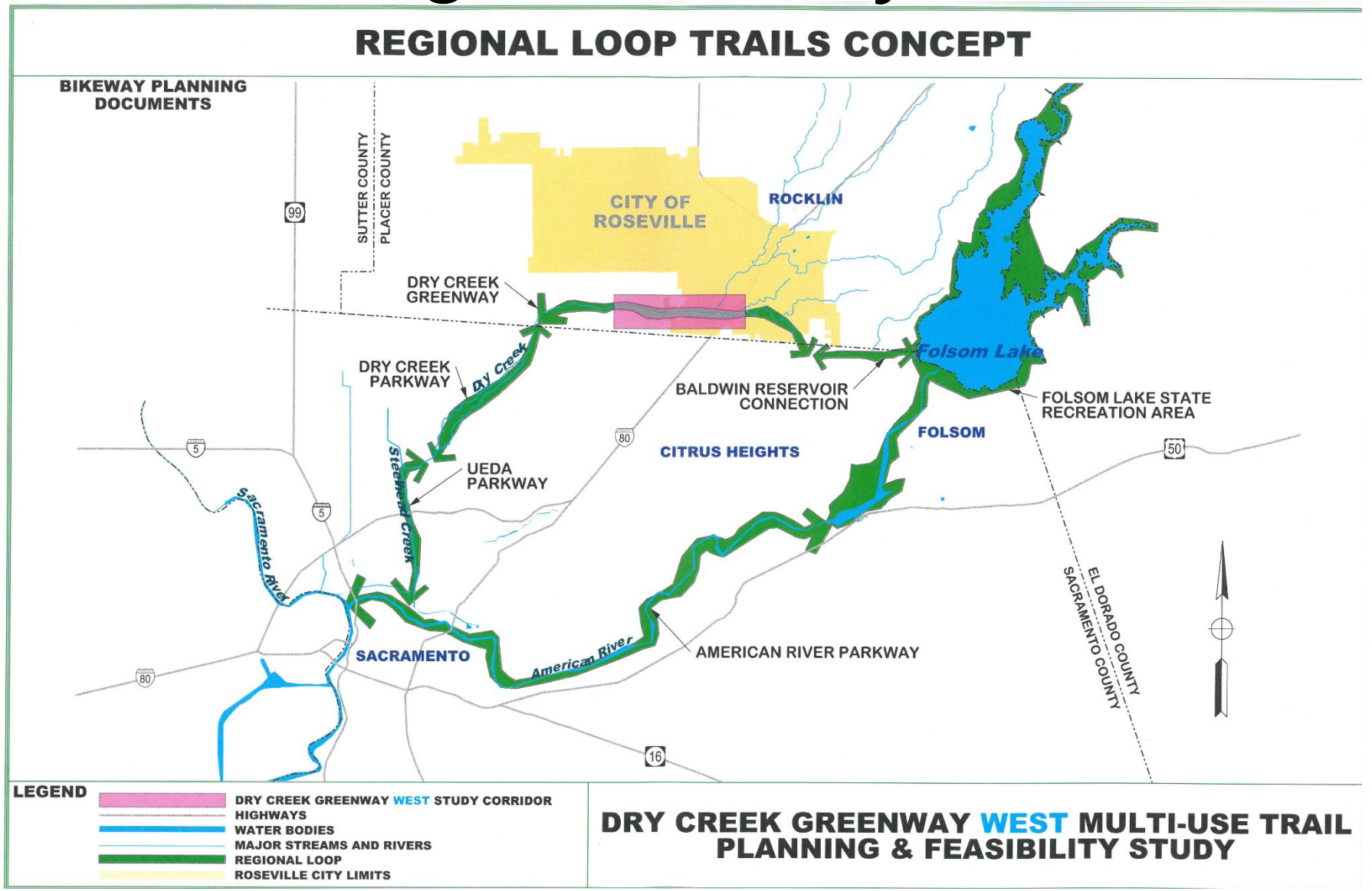


Figure 8: Bike Route (Class III)



Dry Creek Greenway
Placer's Link to Regional Trail System



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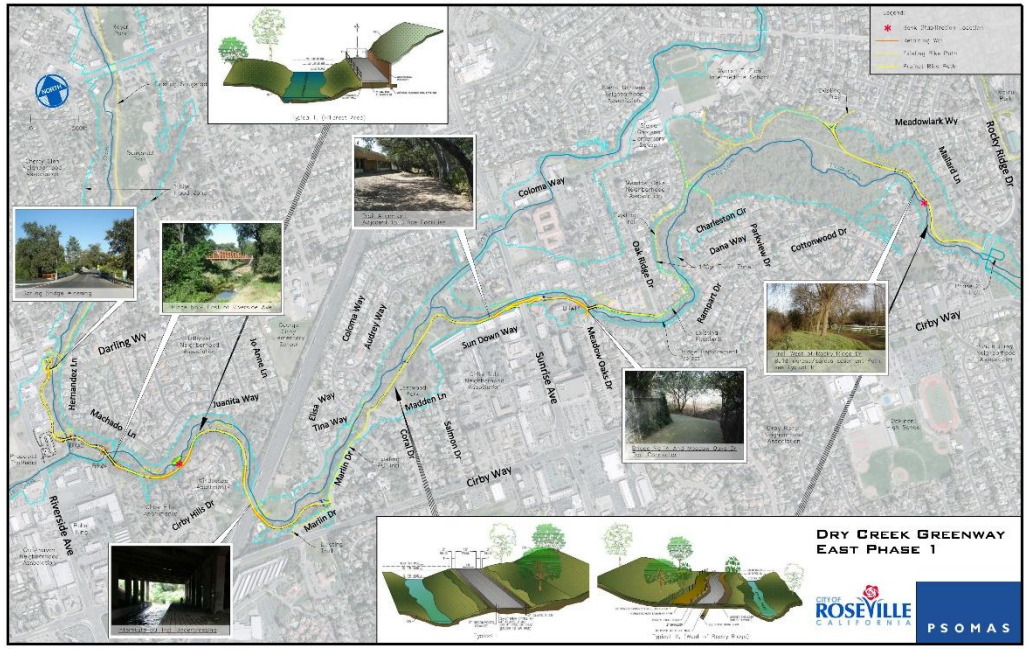
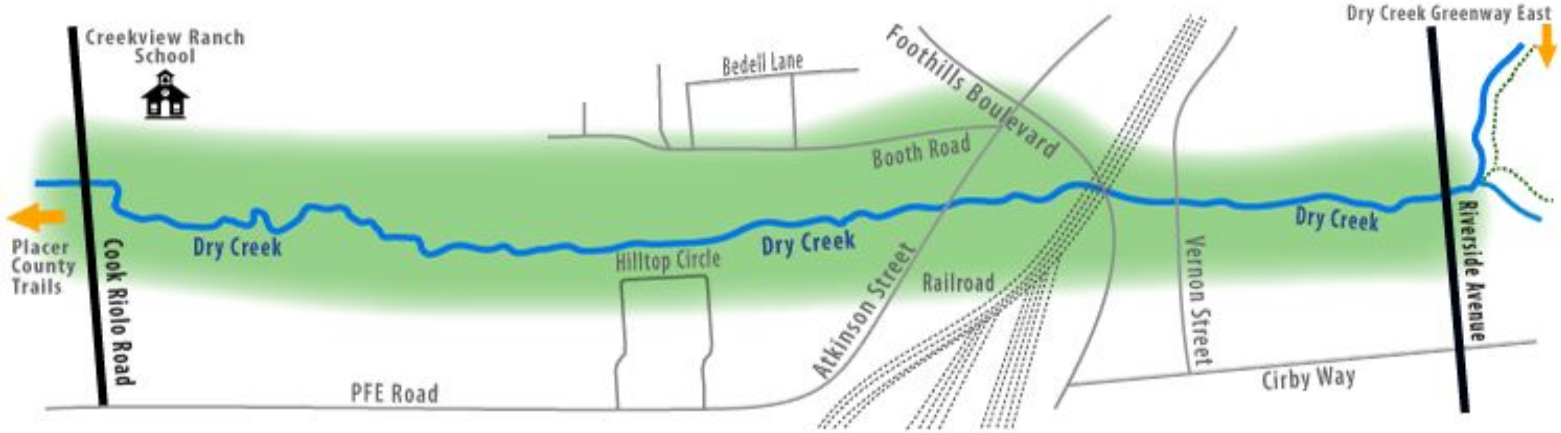
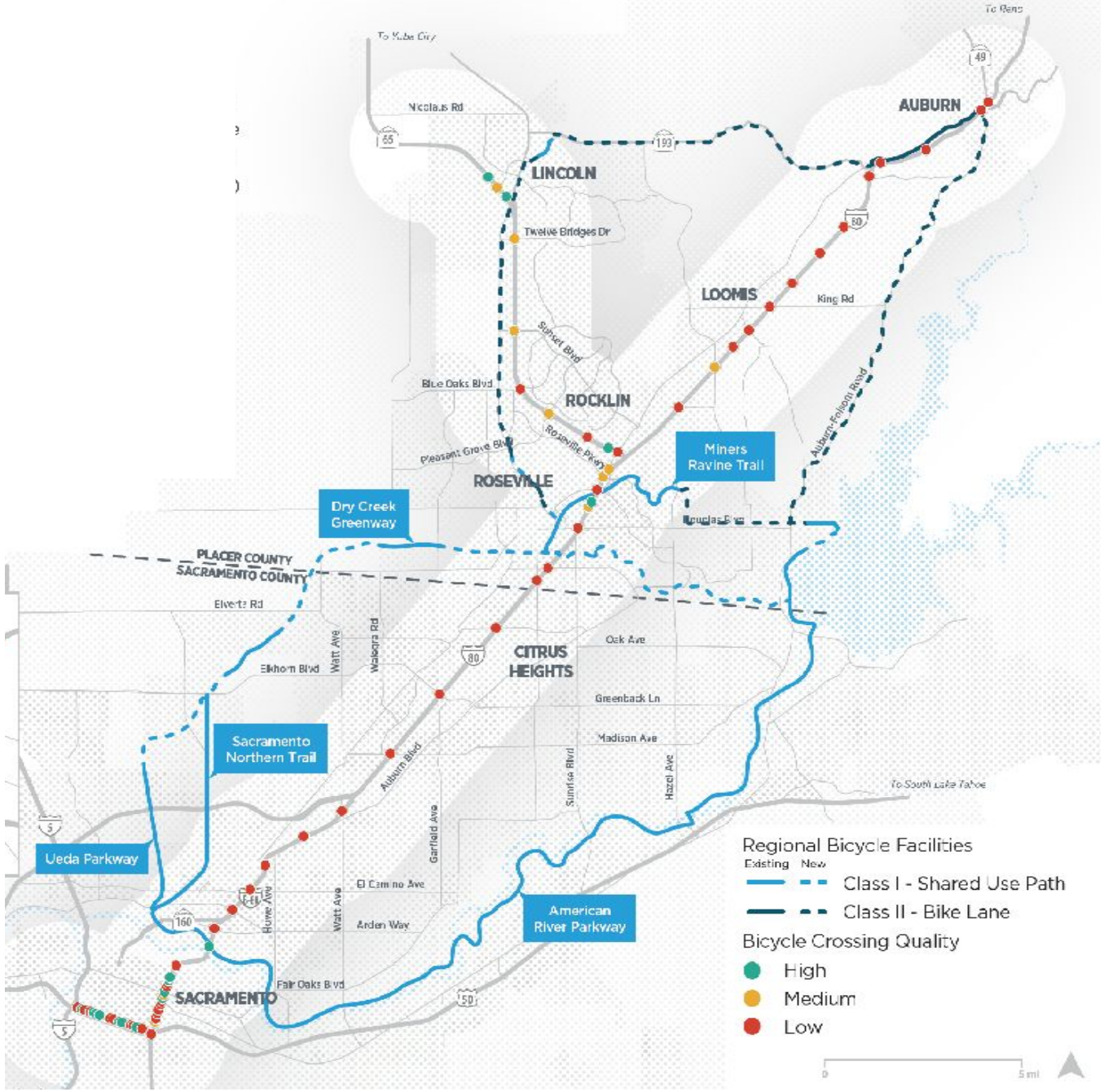
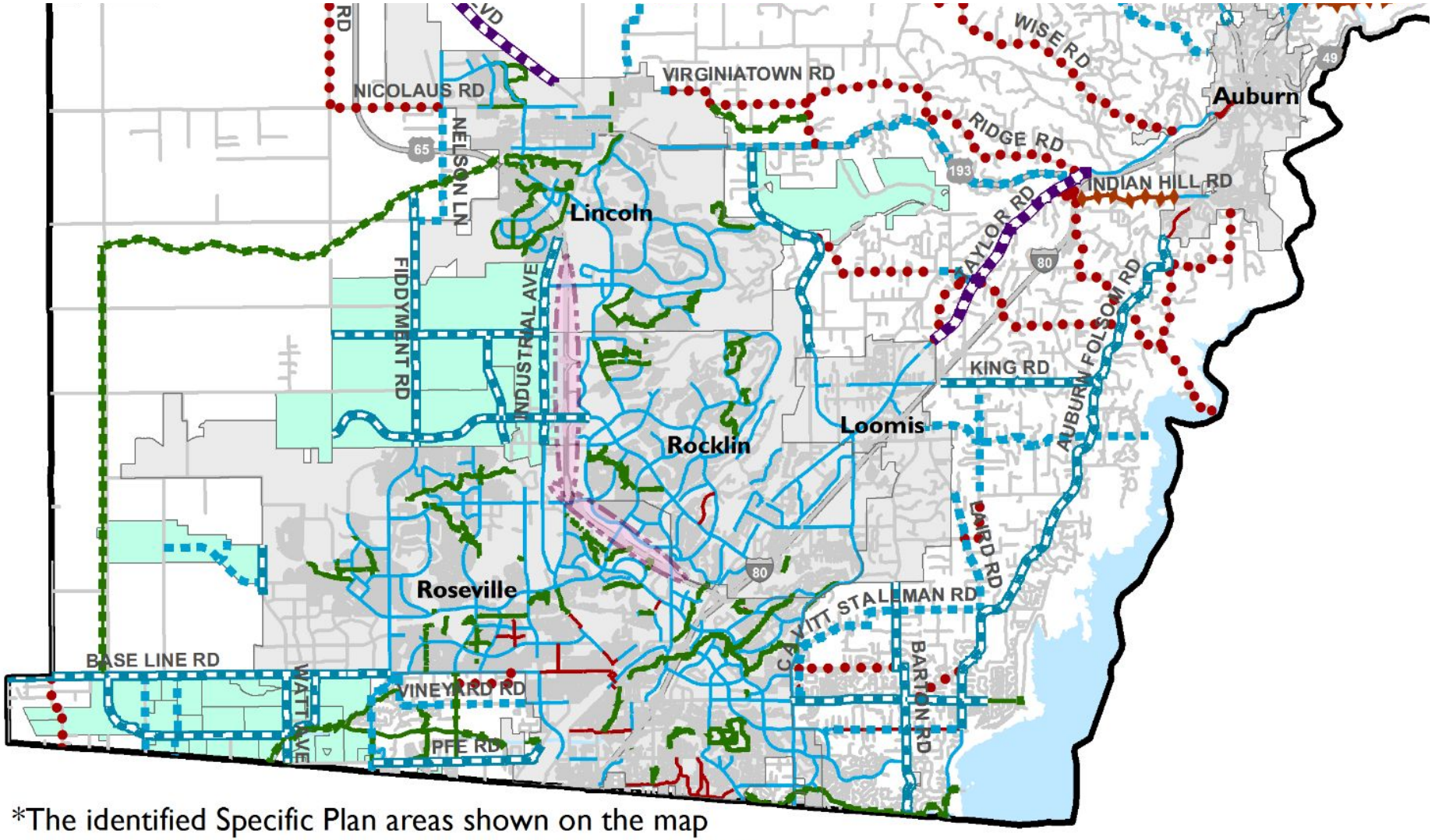




Regional Bicycle Network



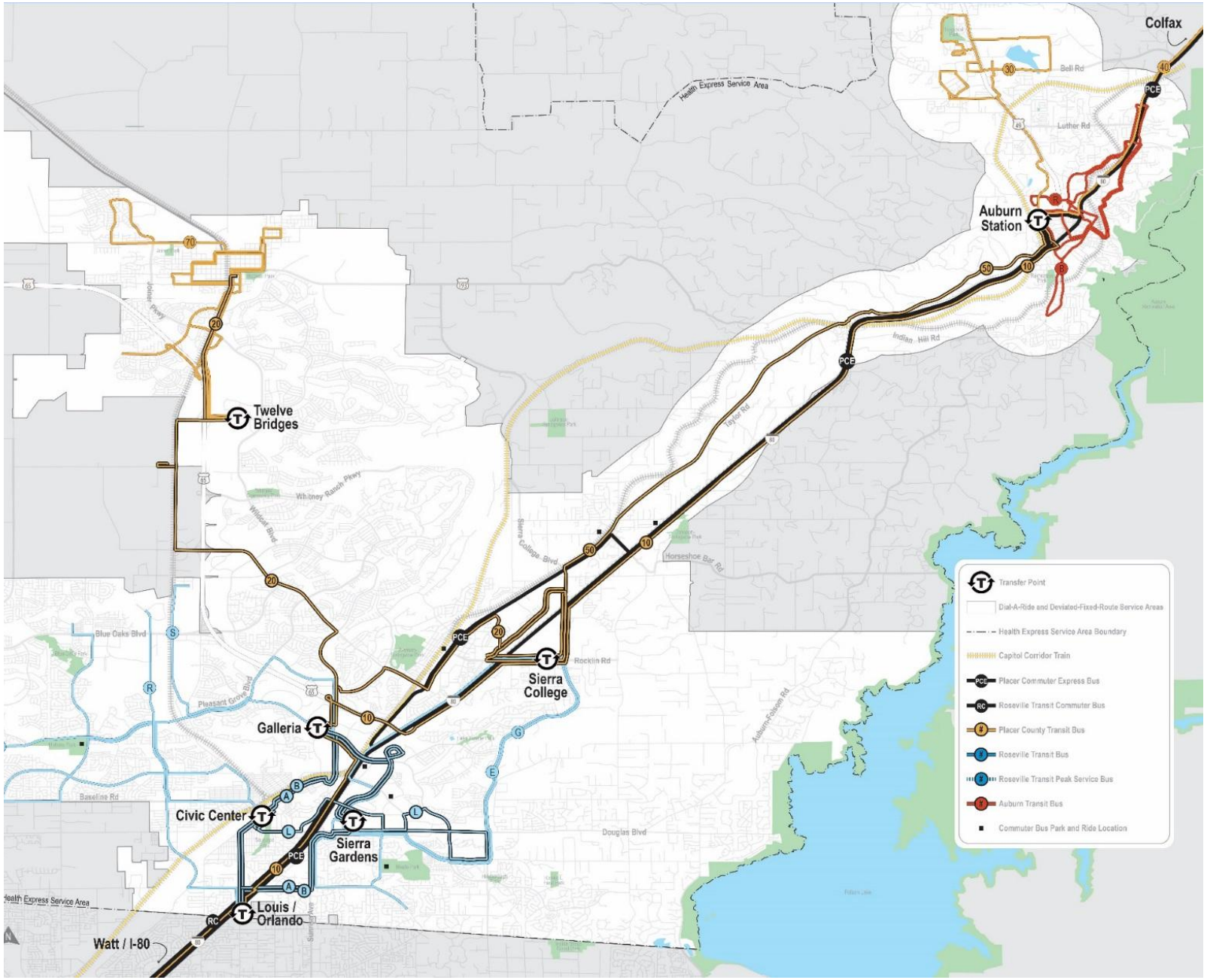
Gaps in On-Street Facilities



*The identified Specific Plan areas shown on the map will adopt plan-specific bikeway network recommendations.

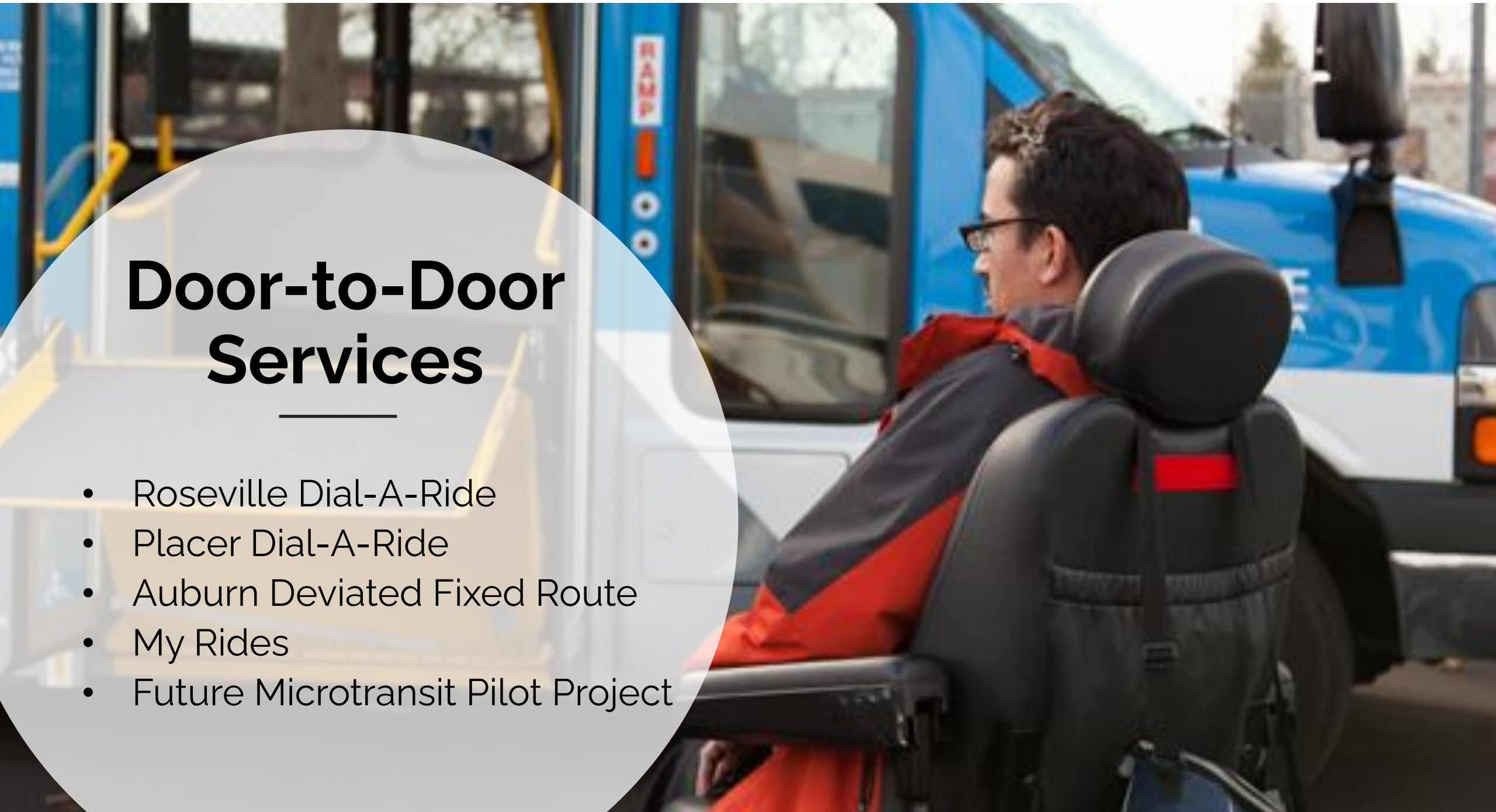
Local Transit

Three Transit Operators in Placer



Commuter Bus Service

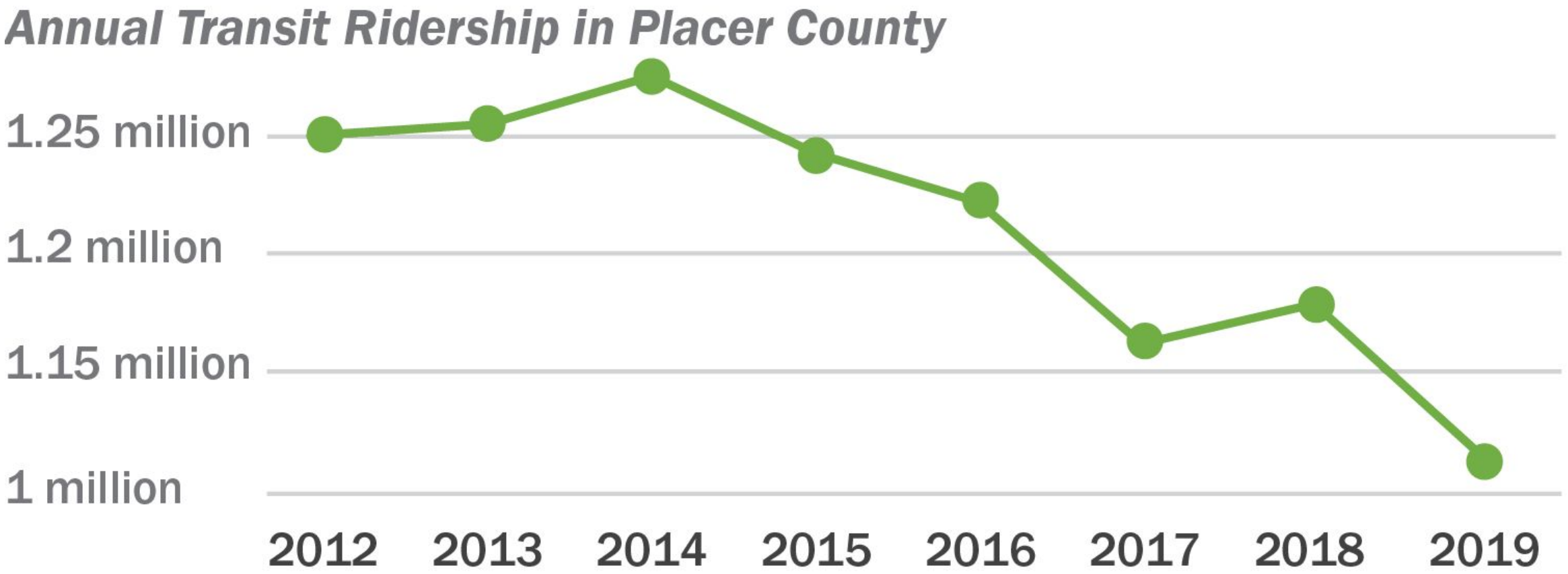
- 10 Roseville Commuter Bus Trips
- 4 Placer Commuter Express Trips



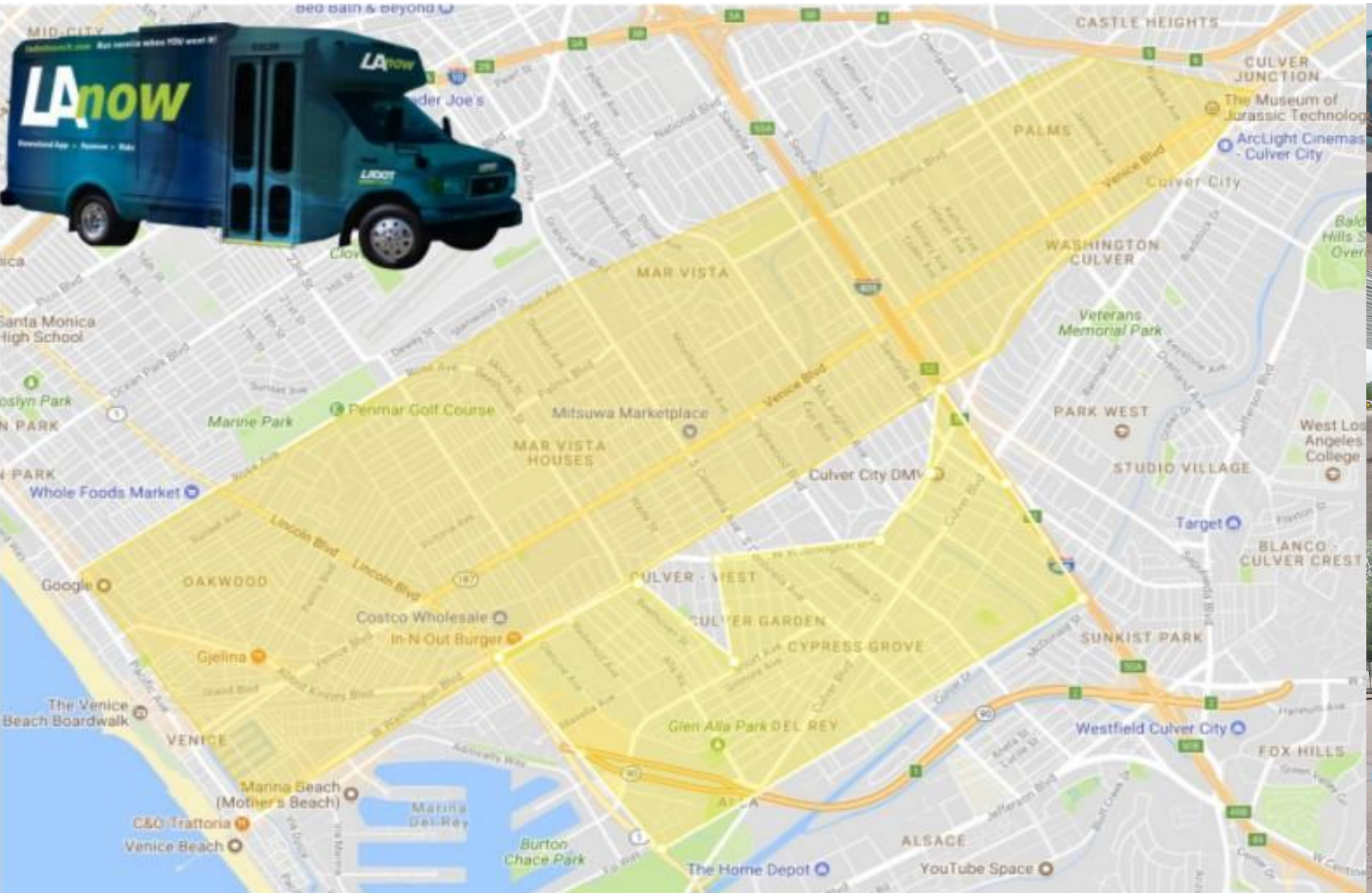
Door-to-Door Services

- Roseville Dial-A-Ride
- Placer Dial-A-Ride
- Auburn Deviated Fixed Route
- My Rides
- Future Microtransit Pilot Project

Declining Ridership

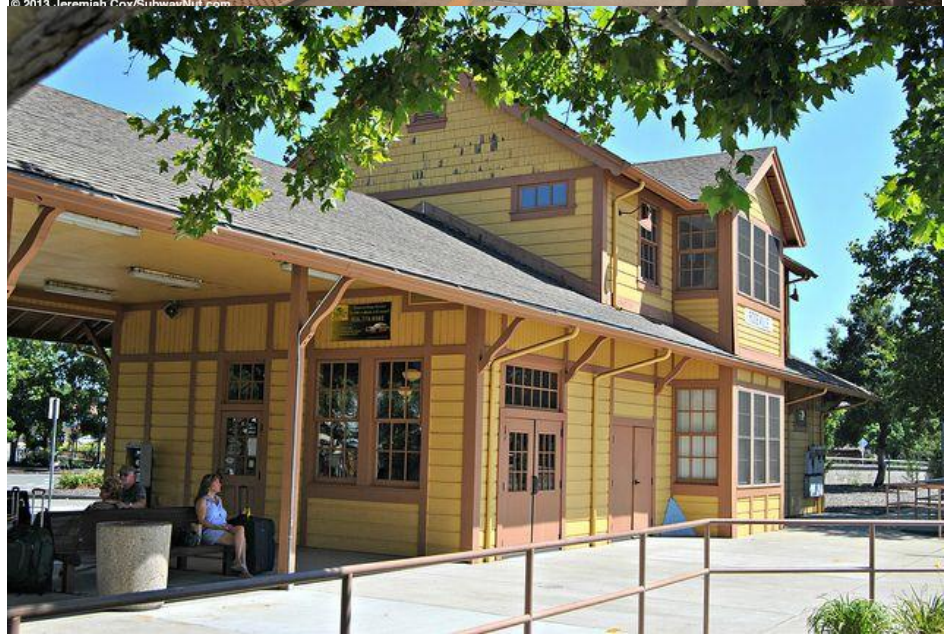


Microtransit Possibilities for Placer



Capitol Corridor Intercity Rail

Capitol Corridor Third Track



Placer County Transportation Planning Agency

Let's Move Better in Placer

We want to hear from you!

1. What are your top 3 regional roadway project priorities?
2. What are your top 3 Rocklin roadway project priorities?
3. What other modes should PCTPA and the local jurisdictions consider in the expenditure plan?

Placer County Transportation Planning Agency

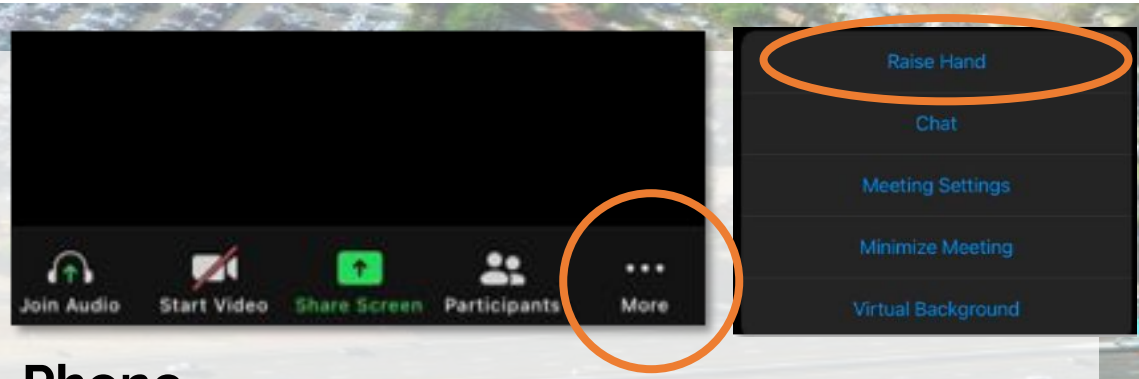
Let's Move Better in Placer

Q&A + Raffle

How to Participate in Q&A:

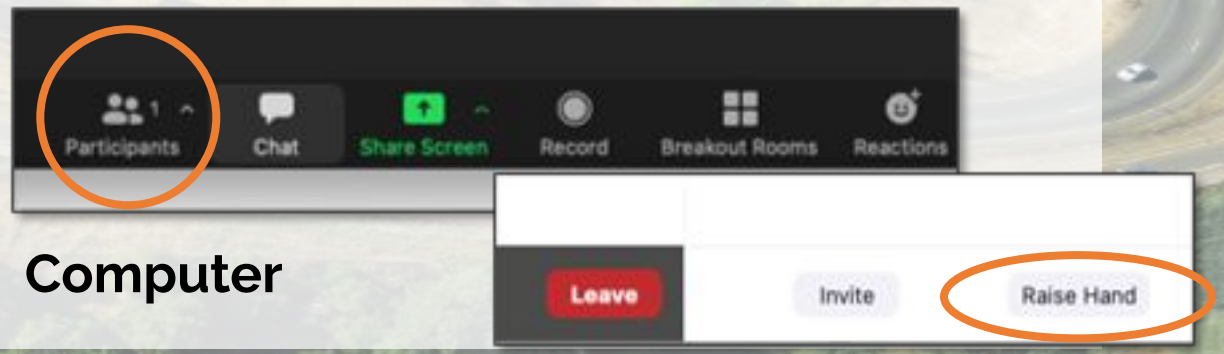
Add any questions or comments to the chat box or use the "Raise Hand" function and staff will call upon you and unmute you to say your questions out loud. Press *9 if calling into the meeting.

Restaurant Gift Card Raffle!



Phone

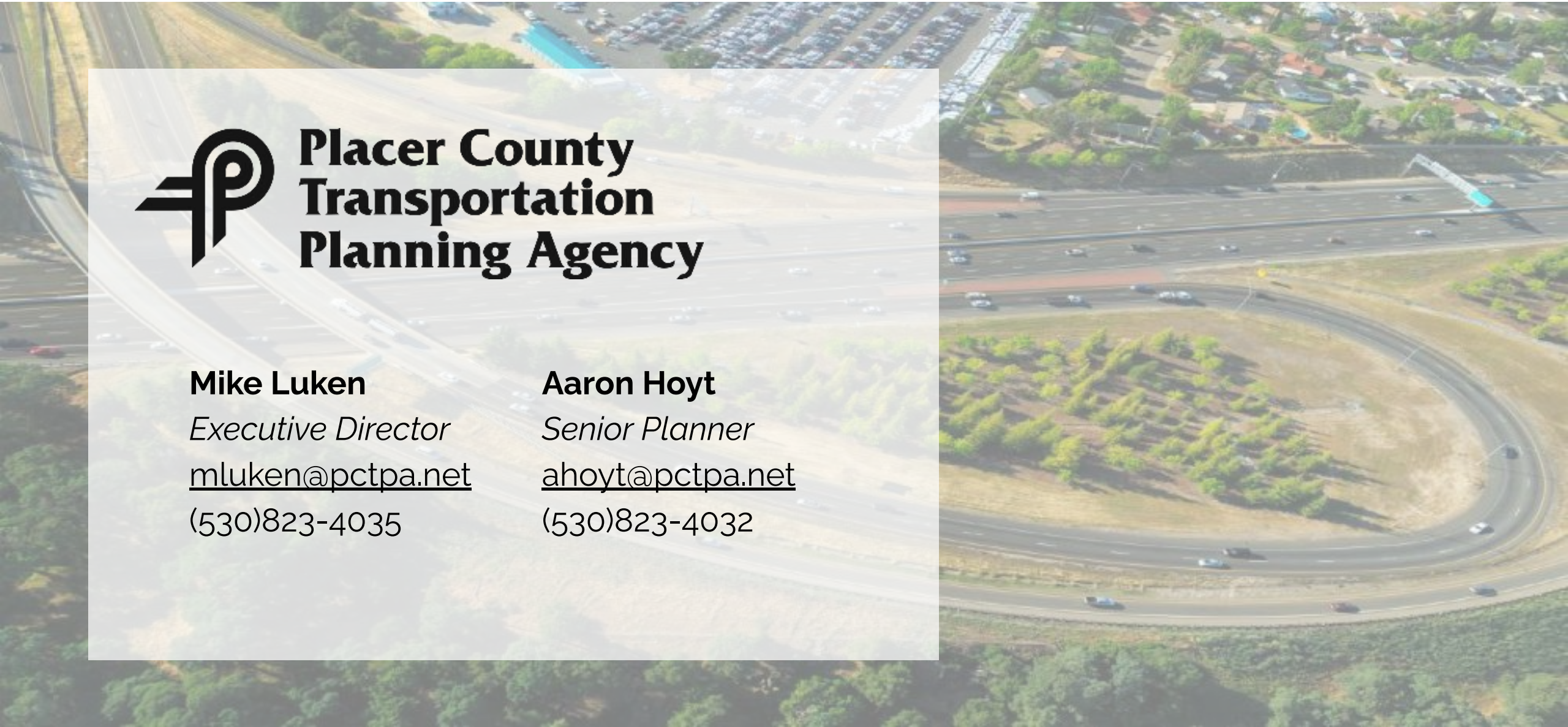
Tablet



Computer

Thank you!

Let's Move Better in Placer



Placer County Transportation Planning Agency

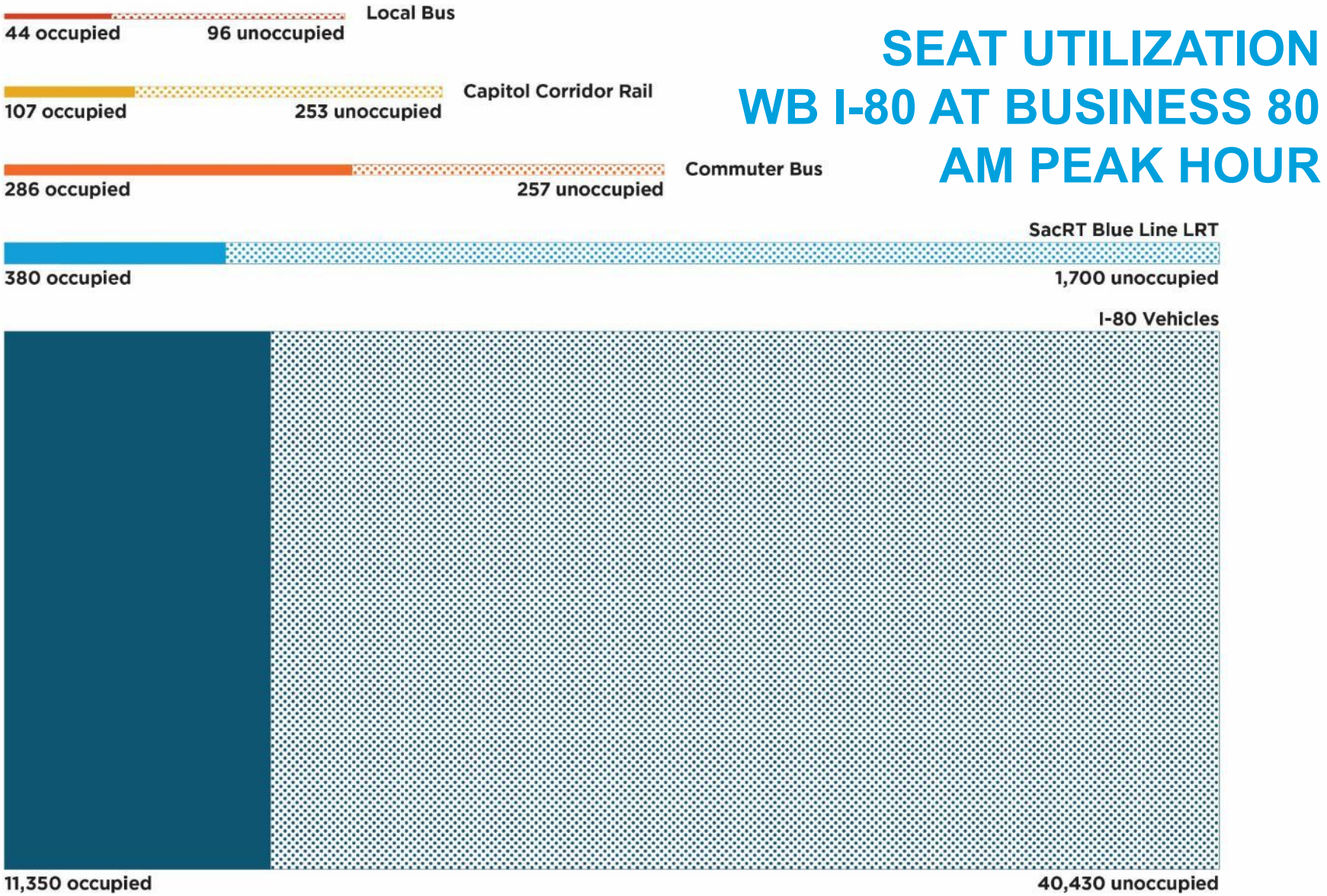
Mike Luken
Executive Director
mluken@pctpa.net
(530)823-4035

Aaron Hoyt
Senior Planner
ahoyt@pctpa.net
(530)823-4032

End

Background
Bicycle and Pedestrian
Local Transit
Regional and Interregional Transit
Key Future Projects

Infrastructure Efficiency



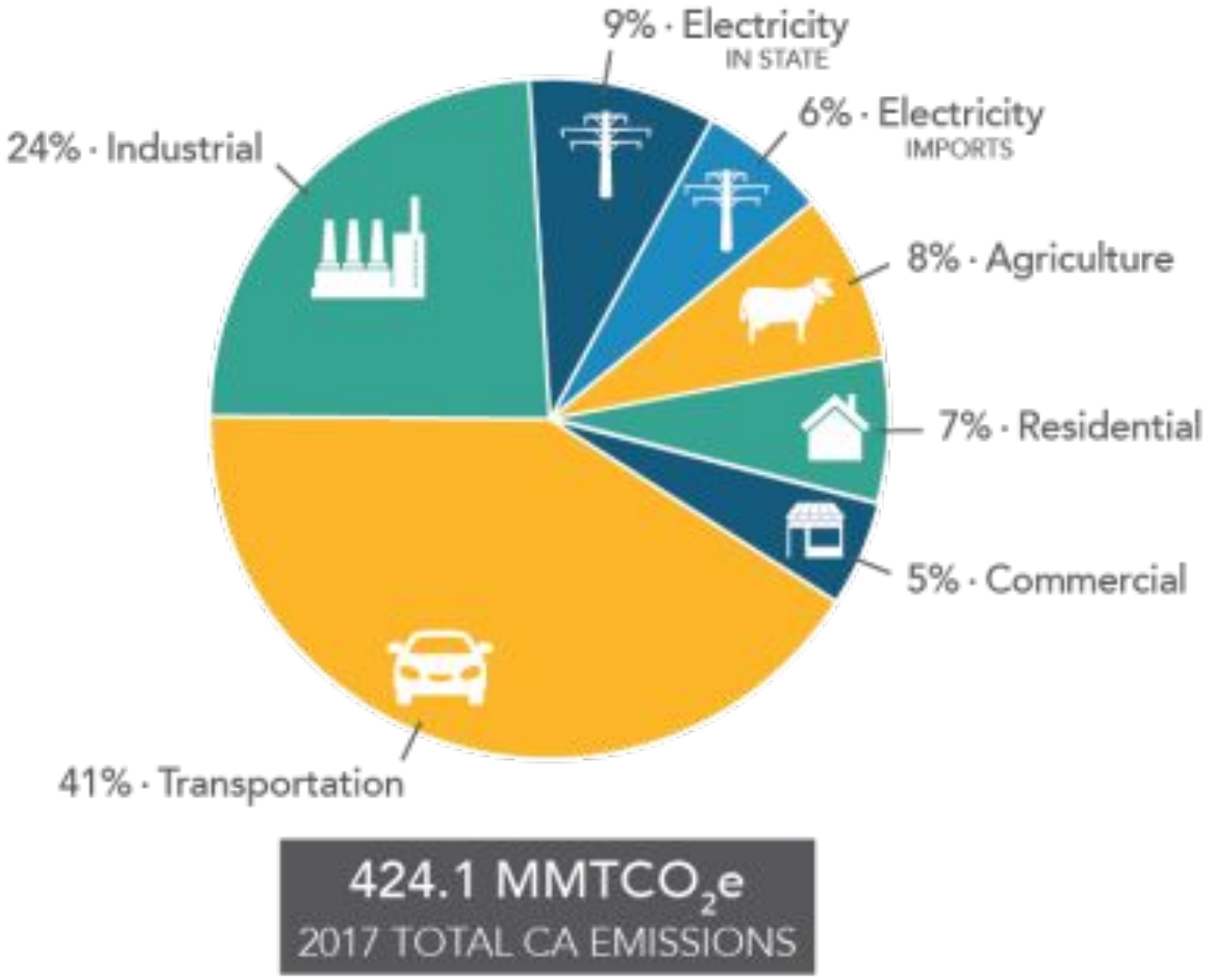
SEAT UTILIZATION
WB I-80 AT BUSINESS 80
AM PEAK HOUR

Background

Bicycle and Pedestrian

Local Transit

Regional and Interregional Transit

Key Future Projects

Transportation and GHG's