



PLACER COUNTY

EVACUATION AND TRANSPORTATION RESILIENCY STUDY



PCTPA Board Meeting

October 29, 2025



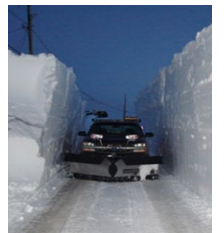
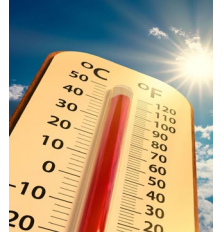
UC SANTA BARBARA
Wildfire Resilience Initiative



Phillips
Consulting
Services
Fire Safe Planning

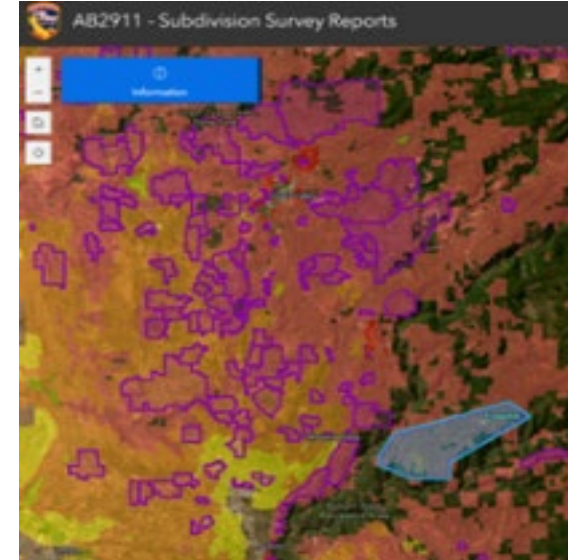
PROJECT OVERVIEW

- **Partnership:**
 - Placer County Transportation Planning Agency (PCTPA)
 - Placer County
- **Funding:** Caltrans Climate Adaptation Planning Grant
- **Need:** Placer County is one of the fastest-growing counties in the state, and a large portion of the county lies within zones at risk of wildfire, flooding, winter storms, and extreme heat.
- **Project Goal:** Increase the resiliency of Placer's transportation network and its ability to handle evacuation events.
- **Outcome:** Identify projects to improve resiliency and evacuation capability that will benefit Placer County residents most, informed by community engagement, stakeholder coordination, and data analysis.



PROJECT SCOPE

- **Existing Conditions Assessment**
 - Hazard and Disaster Event Summary
 - Vulnerable Communities Identification
 - Transportation Network Assessment
 - Existing Conditions Report
- **Community Engagement**
- **Stakeholder and Committee Outreach**
- **Data Analysis and Modeling**
- **Recommended Transportation Improvements**
- **Placer County Evacuation and Transportation Study Adoption**



June 2025



Fall 2025



Winter 2026



December 2026

PUBLIC OUTREACH

- **Project Website**

- Social Pinpoint Interactive Map
- Online Survey

- **Pop-up events**

- Auburn Fair, Fowler Farmers Market, Colfax Railroad Days, Fire Safe Alliance, Tahoe City Farmers Market, Loomis Fruit Shed



<https://dks-engage.com/placerco-evacplan>

Placer County Evacuation & Transportation Resiliency Study

PCTPA and Placer County Office of Emergency Services are leading a study to enhance transportation and community resilience.

The goal of the study is to improve emergency evacuation and resilience of Placer County's transportation network in the event of a fire, flood, or extreme weather. It will identify vulnerable communities, determine the risks from wildfires and other natural disasters, and recommend improvements and strategies to better protect residents during evacuation. **We want to hear your feedback!**

Finished leaving your comments on the map?

Take our Community Survey!

Download the social media graphic:

English: [Version 1](#) | [Version 2](#)

Spanish: [Version 1](#) | [Version 2](#)

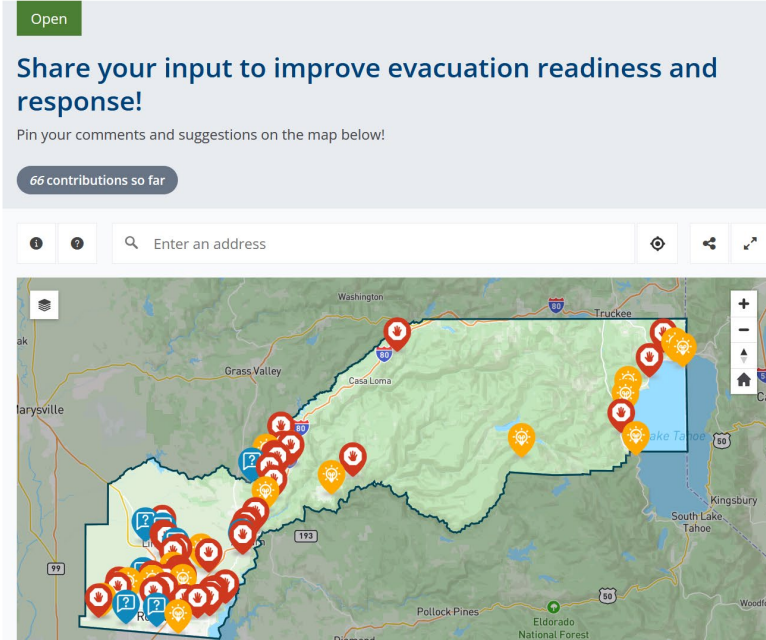
Instructions:

To navigate around the map:

1. Use the search bar to find a specific location
2. Use the +/- buttons in the top right corner of the map to **zoom in and out** (you can also scroll to zoom in/out)
3. Click and drag to move around the map

To leave your comments: Click the 'Add Marker' button in the lower right corner of the map and click the location where you want to leave your comment. Fill out the input form, select the relevant category, and hit the 'Submit' button.

Add Marker



Scan to take the survey! →



Virtual Incident Command Center Workshops



9/22 Eastern Placer in Truckee
9/23 Western Placer in Auburn

Goals:

- Determine disaster scenarios of highest concern for analysis
- **Scenario Parameters:** Origin, direction, spread, season, day of week, time of day
- **Evacuation Order parameters:** zones, destinations, closures, departure distribution



Attendees:

- PCTPA
- Placer County OES
- Town of Truckee OES
- Placer County CDRA
- Placer County Sheriff
- Local law Enforcement
- CAL FIRE
- Local Fire
- CHP
- Local Cities

Virtual Incident Command Center Workshops

Outcomes:

- 5 areas for detailed evacuation analyses across County
- 6 areas for qualitative assessments
- Multi-agency consensus on the inputs builds confidence on the project outcomes
- Bonus! Interagency collaboration on disaster planning



DATA ANALYSIS & MODELING

Traffic simulation evacuation models:

- Complete roadway system
- Who is evacuating: household, employee, visitors
- Evacuation destinations

Insights:

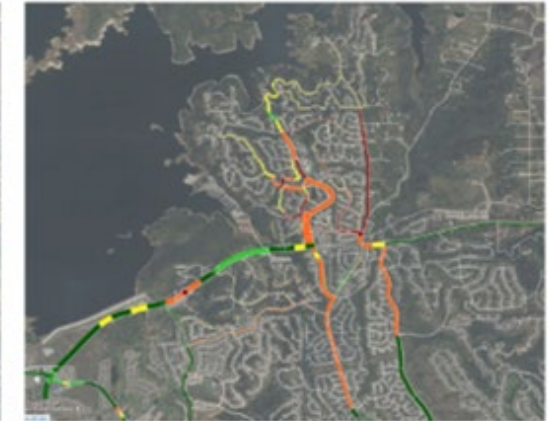
- Bottleneck identification
- Evacuation Time Estimates
- Resource needs
- Infrastructure mitigation projects

Qualitative Assessments:

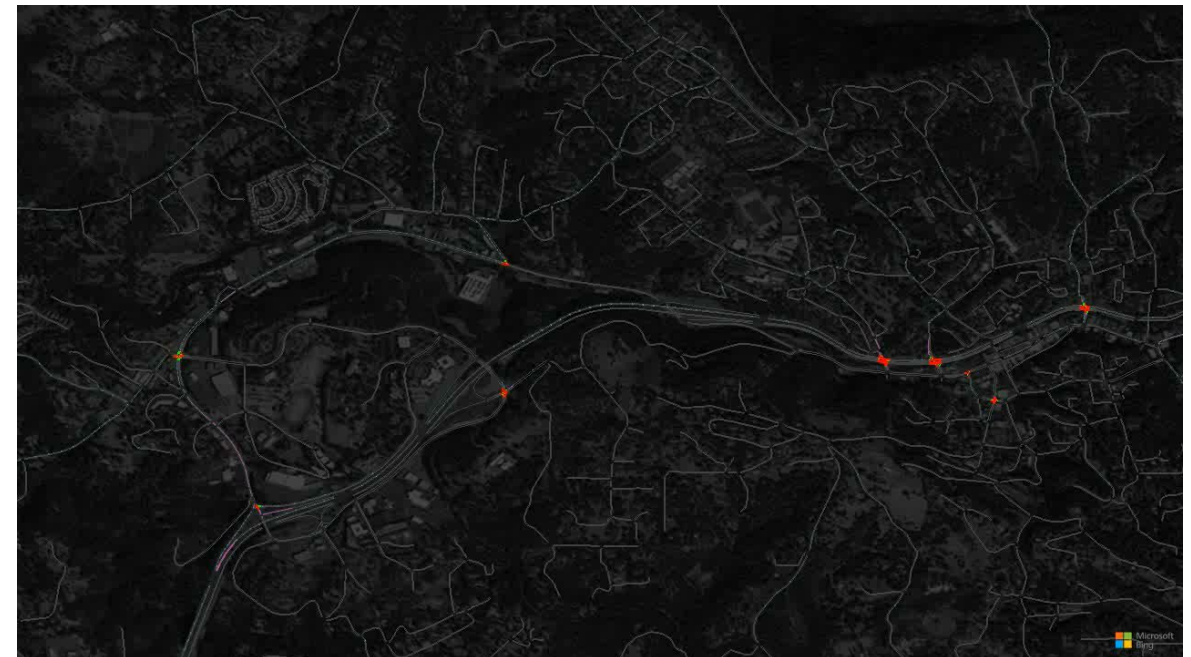
- Identify key evacuation routes
- Document corridor and intersection constraints (i.e. narrow lanes or shoulders, heavy vegetation)



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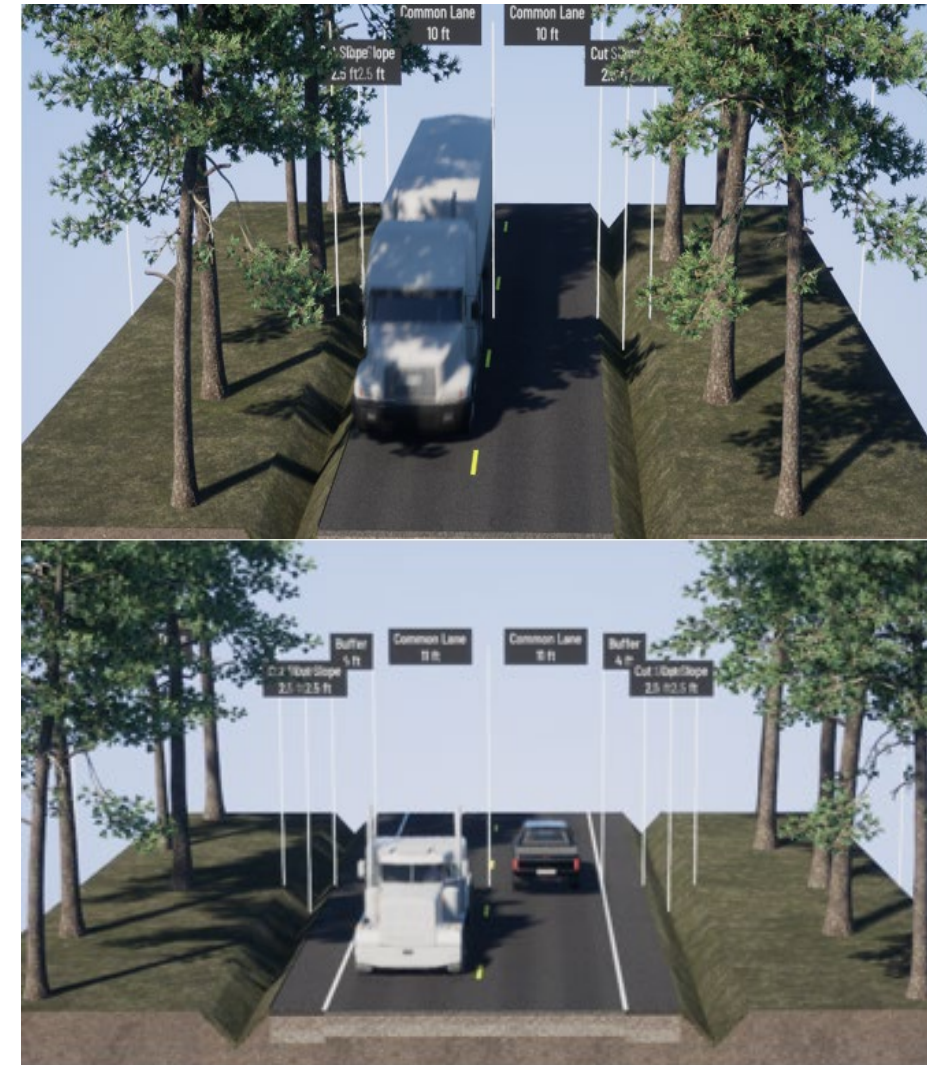


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RECOMMENDED TRANSPORTATION IMPROVEMENTS

- **Infrastructure**
 - Secondary egress, shoulder widening, intersection control, trail connections
 - Connected traffic signals, remote cameras, backup power
 - Vegetation management, utility pole hardening
 - **Operational Strategies**
 - Traffic signal timing plans, traffic control points, temporary areas of refuge
 - **Resiliency Hub Pilot**
 - **Cost Estimates and Funding Sources**
 - **Implementation Plan**
- **Evacuation & Transportation Resiliency Study**



QUESTIONS?

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PLACER COUNTY
EVACUATION AND
TRANSPORTATION
RESILIENCY STUDY



**Placer County
Transportation
Planning Agency**

