

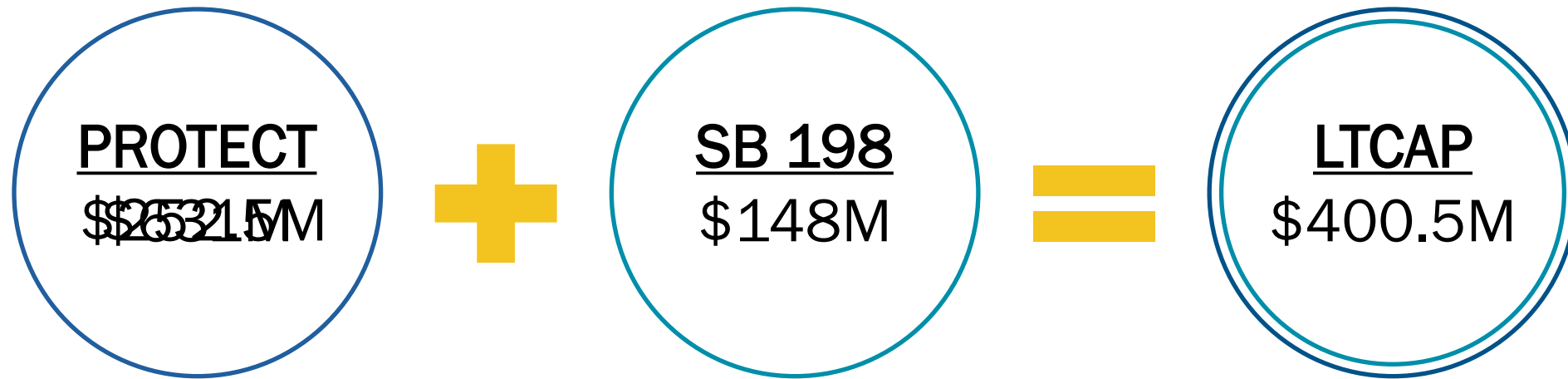
Climate Adaptation for Transportation Infrastructure– Lessons for Competitive Program Resilience

Rebecca Light, Assistant Deputy Director – Local Transportation Climate Adaptation Program (FY 23/24 – FY 27/28)

Tri-State Meeting | 2026



Funding Sources & Program Purpose



The Local Transportation Climate Adaptation Program provides funding to support the development and implementation of adaptation improvements to existing surface transportation infrastructure to increase asset and climate-vulnerable community resilience to natural hazards and climate change effects.

Program Goals

Increase Resiliency

Demonstrate Consistency

Prioritize Equity

Program Goals and Corresponding Screening & Evaluation Criteria

Increase Resiliency

- Existing Transportation Infrastructure Assets
- Climate-Vulnerable Populations
- Surrounding Communities

Demonstrate Consistency

- Climate & Environmental Justice Goals and Tools
- State, Regional, and Local Planning Documents
- Mitigation, Housing, Land Use & Transportation Goals

Prioritize Equity

- Anti-displacement Strategies
- Environmental Equity
- Community Engagement

Share of Total Programmed Funding by Activity

At-risk Coastal
Infrastructure

16%



Resilience
Improvements

51%

Emergency Evacuation

33%













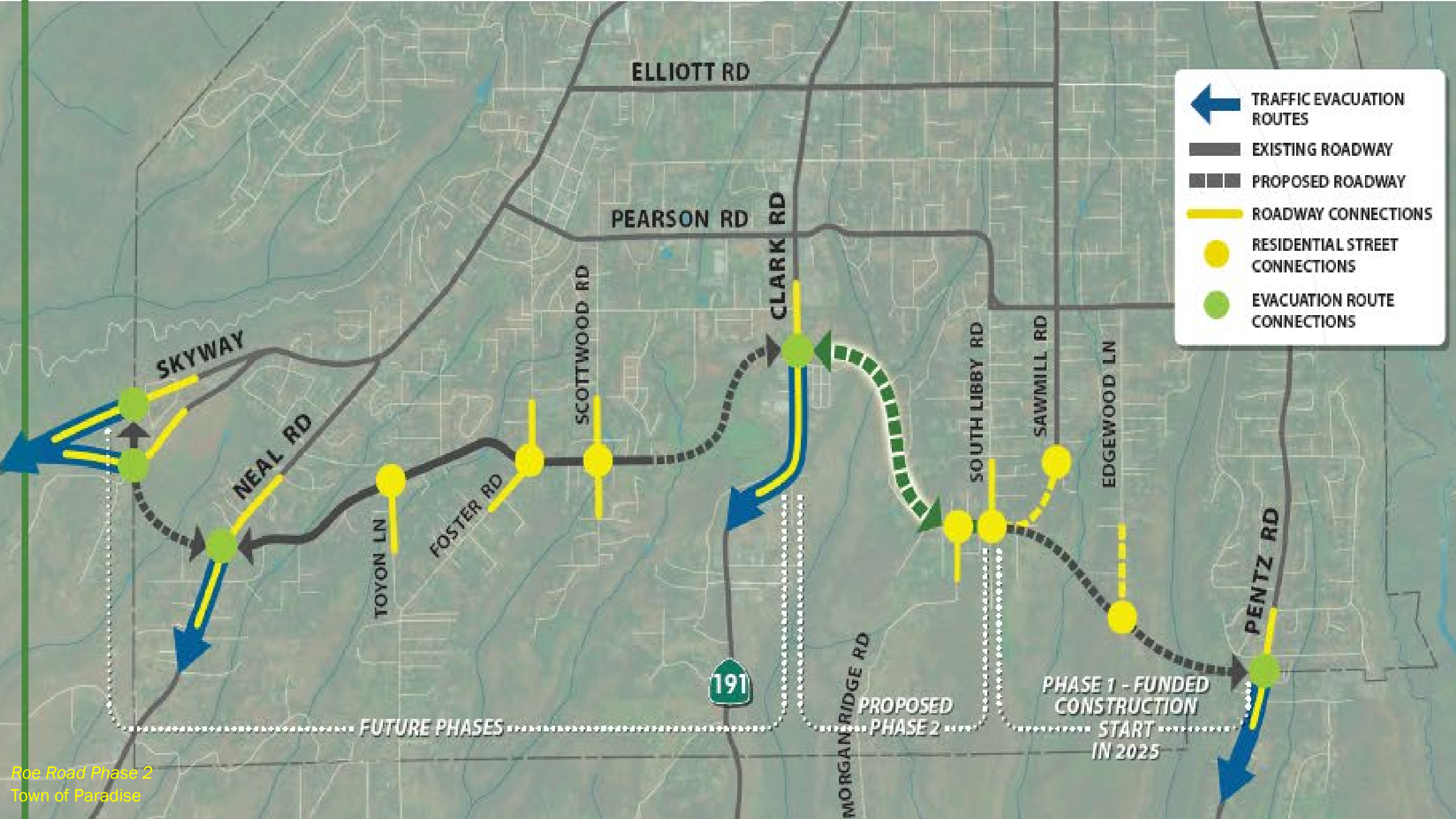
Coastal Rail Infrastructure Corridor Resiliency
Orange County Transportation Authority



Roe Road Phase 2
Town of Paradise



Roe Road Phase 2
Town of Paradise



Lessons Learned

Challenge	Solution
No “climate” project in the pipeline	Leverage existing projects and tools to quantify climate risks
Usual DAC definitions didn’t capture the breadth of population vulnerability	“Climate-vulnerable” definition provided flexibility while still requiring burden of proof
Unable to fund the PROTECT 20% match	Utilize State appropriation for flexibility and equity
Too far in the pipeline to conduct NEPA	
Funding years are too short to deliver a full project	Utilize existing mechanisms and policies to maximize project delivery

Thank you

Local Transportation Climate Adaptation Program

Rebecca Light
Program Manager
Rebecca.Light@catc.ca.gov

