

# Carbon Reduction Program

USDOT Report to Congress: Decarbonizing U.S.  
Transportation Webinar  
August 2024

# Agenda



About the Carbon Reduction Program

Program and Strategy Background

Carbon Reduction Policies and Plans

Local Carbon Reduction Program Funds

State Carbon Reduction Program Funds

Questions and Discussion

# About the Carbon Reduction Program

## About the Carbon Reduction Program

- Infrastructure Investment and Jobs Act established the federal Carbon Reduction Program, “which provides funds for projects designed to reduce transportation emissions”
- 65% (~\$71) million is apportioned annually to regions based on population (Local)
- 35% (~\$39) million is apportioned annually to Caltrans (State)
- Caltrans prepared a “Carbon Reduction Strategy” planning document, approved by FHWA in February 2024

# About the Strategy

## Our Approach

- Developed in consultation with local regions
- Building off existing programs and ongoing work

## Strategy Structure

- "A Carbon Neutral California" – Highlight Existing Policies & Plans
- Regional Strategies
- Approach for Carbon Reduction Program Funds



Program and  
Strategy  
Background

# Carbon Reduction Strategy Outreach



## Program and Strategy Background

- **Public workshops:** 286 attendees from MPOs, RTPAs, transit, non-profit, and general public reviewed and commented on approach to Carbon Reduction Strategy and eligible projects
- **Regular coordination:** Regional Transportation Planning Workgroup, Rural Counties Task Force, Statewide Federal Programming Group, and Roadway Pricing Workgroups, and internal coordination
- **Public comment period:** Draft document sent to over 1,100 contacts on email list for 5-week comment period
- **FHWA review:** Previewed document prior to November deadline and addressed comments

# Carbon Reduction Policies & Plans

## California Air Resources Board Scoping Plan

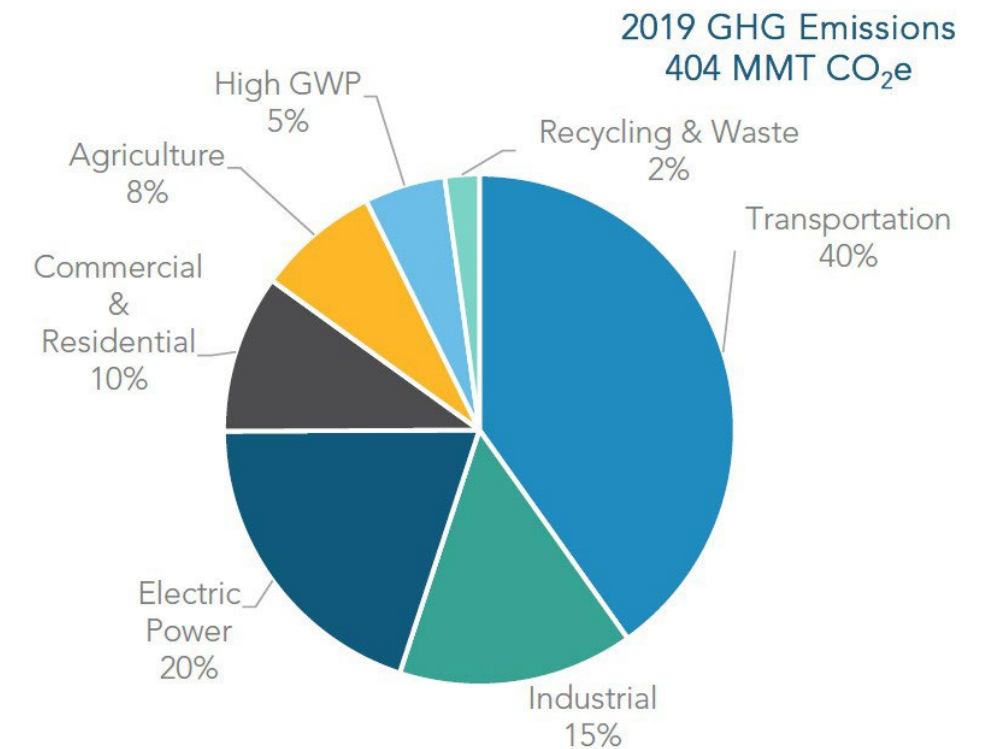
- Transportation carbon reduction targets achieved three ways: transition to zero emission, clean fuel sources, and reduce vehicle miles traveled

## Climate Action Plan for Transp. Infrastructure

- Outlines approach to leverage discretionary transportation funding to reduce climate change

## California Transportation Plan

- Build an integrated rail/transit network
- Include investments in zero emission
- Invest in a network of bike/ped infrastructure



# “The Three Pillars” of the Strategy



**Zero-  
Emission  
Infrastructure**



**Active  
Transportation**



**Rail and  
Transit**

**Carbon  
Reduction  
Policies  
and Plans**

# “The Three Pillars” of the Strategy



**Zero-  
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**Active  
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**Rail and  
Transit**

**Roadway Pricing**



**Carbon  
Reduction  
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# Local Project Examples



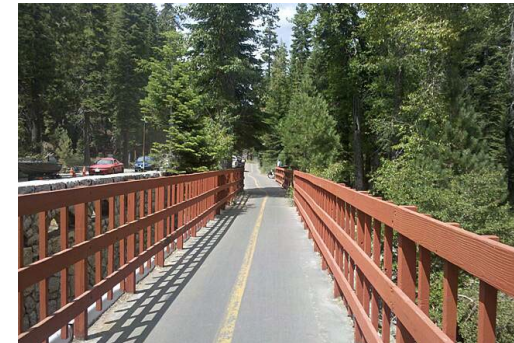
**Ripon EV  
Charging  
Stations**



**LA Metro ZE  
Buses**



**San Diego  
Bayshore  
Bikeway**



**North Tahoe  
Shared-Use  
Trail**



**BART Station  
Access  
Improvements**



**Redding Area  
Microtransit**

Local CRP

# State Share: Priced Managed Lanes

- Executive Board made decision to utilize Carbon Reduction Program State funds for projects that add tolling for single occupant vehicles in existing lanes
- Toll revenue to be re-invested in transit and other low-carbon mobility alternatives
- First project approved for funding: State Route 85 in Santa Clara County.

State CRP



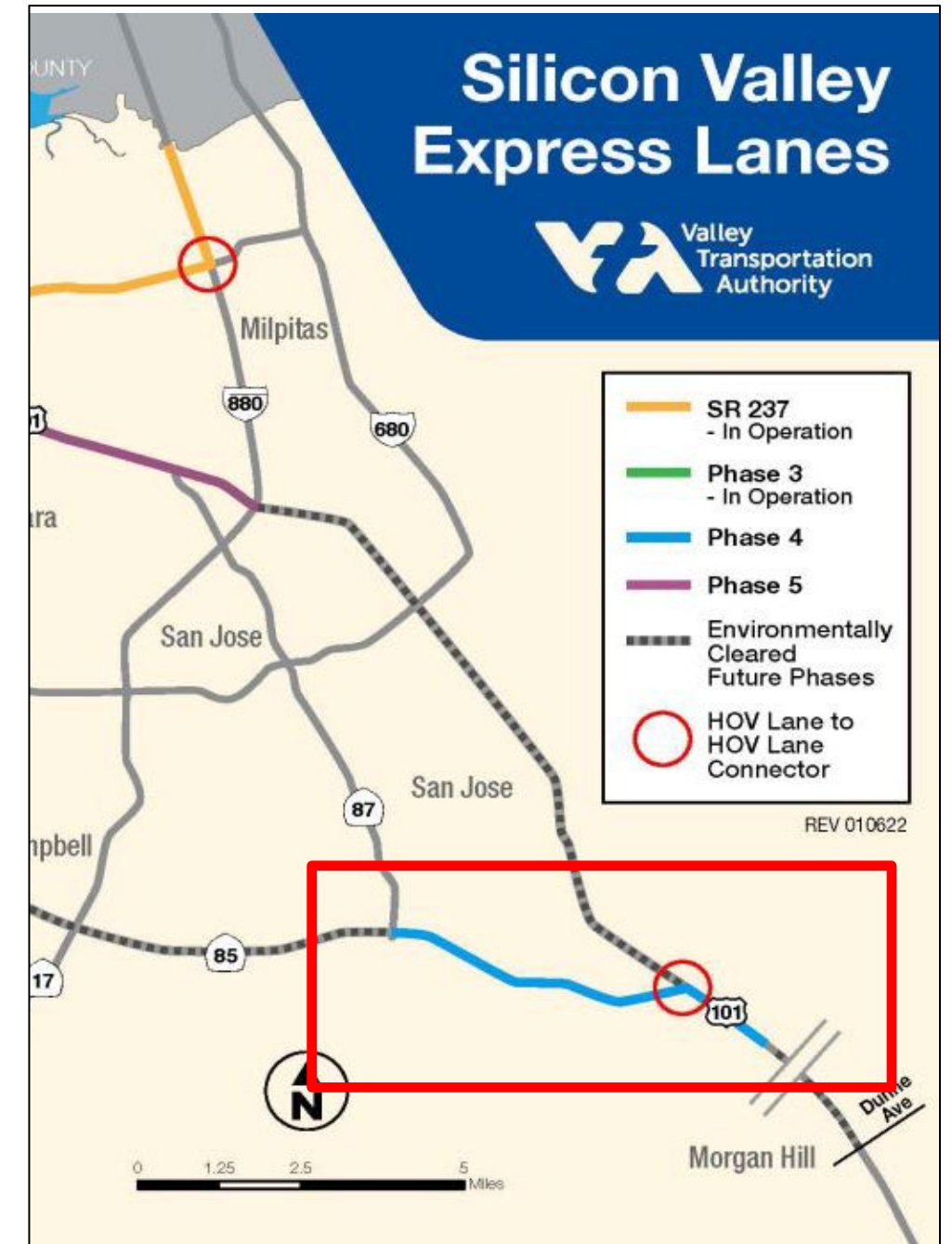
See our blog post on tolling and transit:  
<https://dot.ca.gov/programs/esta/sb-743/resources/transit-tolling>



# SR-85 Express Lanes Project

- 13.2 lane-miles (6.6 miles each direction) of express lanes on SR-85 and a short section of US-101
- Requested \$29m from Carbon Reduction Program which will fully fund the construction phase in combination with other funds already secured
- Toll revenue would be reinvested in light rail line in freeway median
- Seeking to start construction in 2024

State CRP





# Questions?

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<https://dot.ca.gov/programs/esta/carbon-reduction/>