

# SR 49 Corridor Improvement Project Phase 2 ZEB Deployment - Factsheet

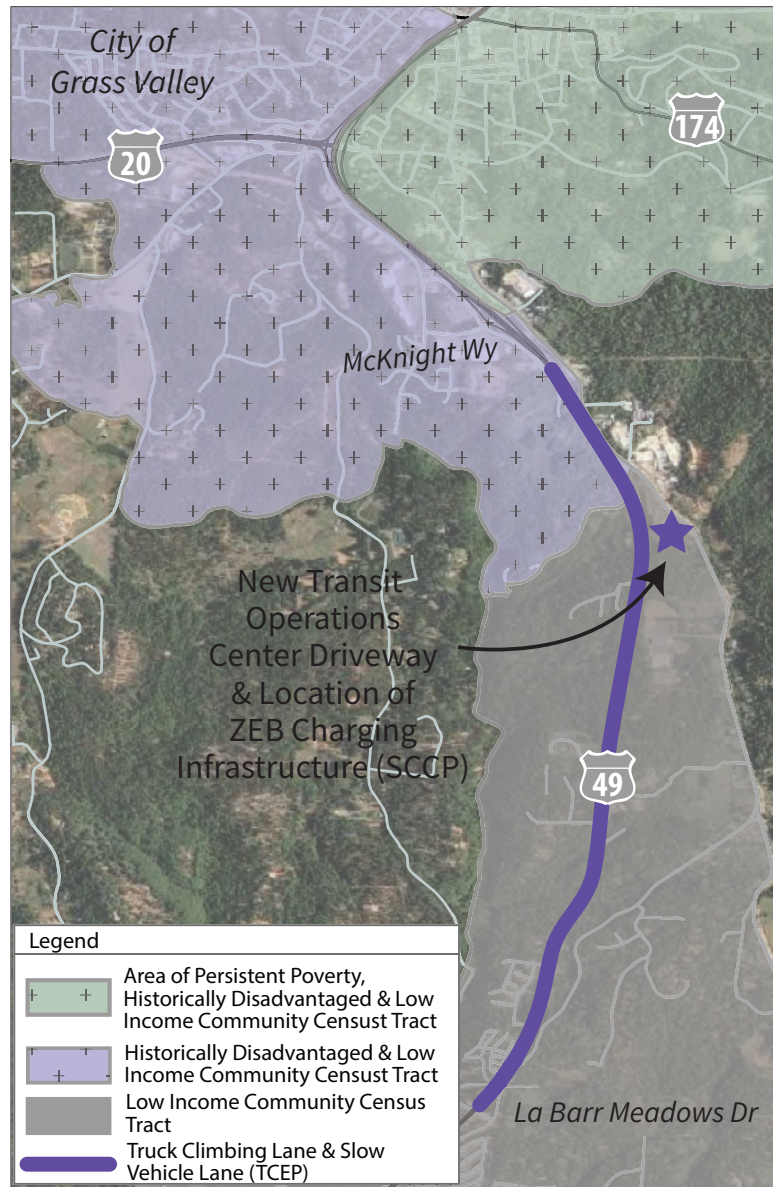


## Project Description

The State Route 49 Corridor Improvement Project Phase 2, in Nevada County, will construct a new driveway from SR 49 to the Nevada County Connects Transit Operations Center, purchase eight new zero emission buses, five chargers, and an emergency backup energy source. The improvements will accelerate Nevada County's transit fleet conversion to Zero Emission Buses and ensure continuous operations during public safety power shutoffs.

The project will enhance transit services in the SR 49 corridor, increase the frequency and reliability of bus routes in the Cities of Grass Valley and Nevada City, reduce emission impacts on nearby priority communities.

The improvements are part of the larger corridor vision to enhance mobility options for priority communities and reduce the negative impacts of freight impacts and greenhouse gases. A TCEP Cycle 3 application proposes to add a southbound truck climbing lane and the Phase 1 project, to be constructed in 2025, will construct 10-foot wide shoulders with a class III bikeway.



## Funding

- Total Project Cost: \$ 15.8 M
- SCCP Cycle 3 Requested Funds: \$15.8 M

## Project Schedule



## Project Benefits

**2.7** Project cost-benefit ratio

**\$115 M** Total project related benefits over 20 years

**346,329** in person hours saved

**189,916** in annual VMT reduction

**30** Minute headways on Route 1 in Nevada City

**90** Minutes savings per route per day, Low floor buses decrease the loading time of wheelchairs.

**2 x** The useful life. ZEBs have a 14 year useful life rather than 7 years for diesel fueled buses

**622** Tons of CO2 saved per year by transitioning to Zero Emission Buses

**\$56.4 M** In state and federal funding already invested or programmed in this corridor

