

SR 49 Corridor Improvement Project Phase 2 - 2024 RTIP Factsheet

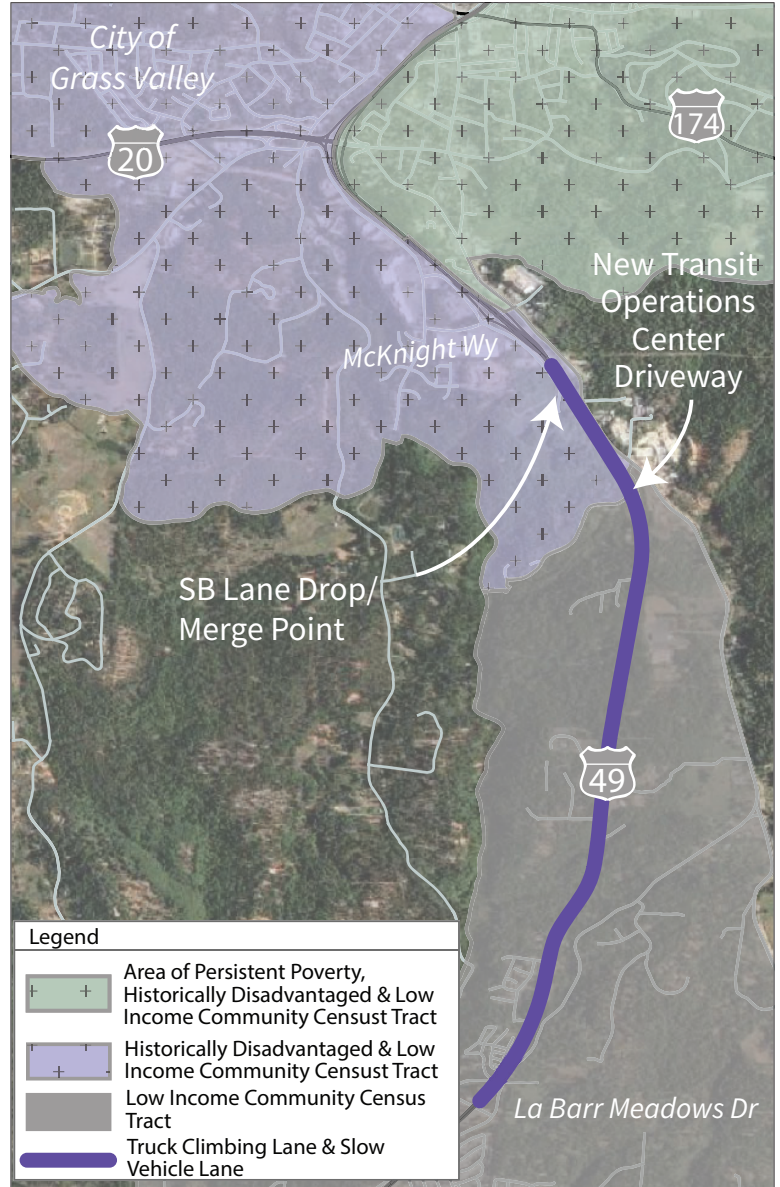


Project Description

The State Route 49 Corridor Improvement Project in Nevada County addresses an existing southbound freight bottleneck by removing a lane drop/merge point south of the McKnight Way interchange and constructing 2.5 miles of truck climbing lanes and slow vehicle lanes.

The project improves goods movement travel time, reduces congestion and rear end collision created by the lane drop/merge point, and improves the ability of SR 49 to accommodate detouring traffic from I-80 closures at SR 20 during accidents or construction.

The project was designed to provide direct community benefits by improving mobility options for priority communities and reducing freight impacts. Greenhouse gas emission reductions will be achieved as freight network speed improves. A new driveway to the transit operations center will reduce vehicle miles traveled and improve access to zero emission bus charging infrastructure. Phase 1 of the project will feature 10-foot wide class III multi-use shoulders. The improvements address climate risks and improves evacuation egress.



Funding

- Total Project Cost: \$35.1 million
- Total Construction Cost: \$21.0 million

Project Schedule



Project Benefits

4.1 Project cost-benefit ratio

\$112 M Total project related benefits over 20 years

33,676 Freight travel time savings - annual average person-hours

\$8.7 M Freight travel time savings monetary benefit

55 Hours of freight delay reduced-per day

\$4.2 M Cost savings in freight travel time reliability

220 Emergency Closures of I-80 since 2004, where traffic is detoured to SR 49/SR 20

55% Reduction in travel time, or 995 hours saved during I-80 closure detour, with the project

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

