

US 50 / Ponderosa Road Interchange Improvements



Project Website: <https://www.eldoradocounty.ca.gov/Land-Use/County-Projects/Road-Transportation-Projects/U.S.-50Ponderosa-Rd.So.-Shingle-Rd.-Interchange-Improvement>

CEQA Addendum
April 1, 2025



US 50/Ponderosa Road Interchange Improvements

Agenda

Introductions

Project History and Background

Environmental

Project Features

Traffic Analysis and Operations

Next Steps



Project History and Background

Preliminary Engineering

- Alternatives Analysis & Workshops - 2008
- Technical & Environmental Studies, Reports & Coordination – 2008 thru 2020

CEQA IS/MND

- Approved in February 2020

Project Study Report/Project Report

- Approved in November 2022
- Evaluated three (3) alternatives
- Costs ranged from \$23 million - \$34 million



Project History and Background

Purpose and Need Statement

Need:

- Increased local and interregional travel has deteriorated traffic within the interchange
- The eastbound off-ramp currently experience LOS E conditions in the PM peak hour
- Several of the local road intersections within the interchange operate at LOS D
- Intersections and ramps are forecasted to operate at LOS F by 2035
- The existing facility does not provide adequate bicycle and pedestrian access
- The facility is not Americans with Disabilities Act (ADA) compliant and is not consistent with the El Dorado County Bicycle Master Plan

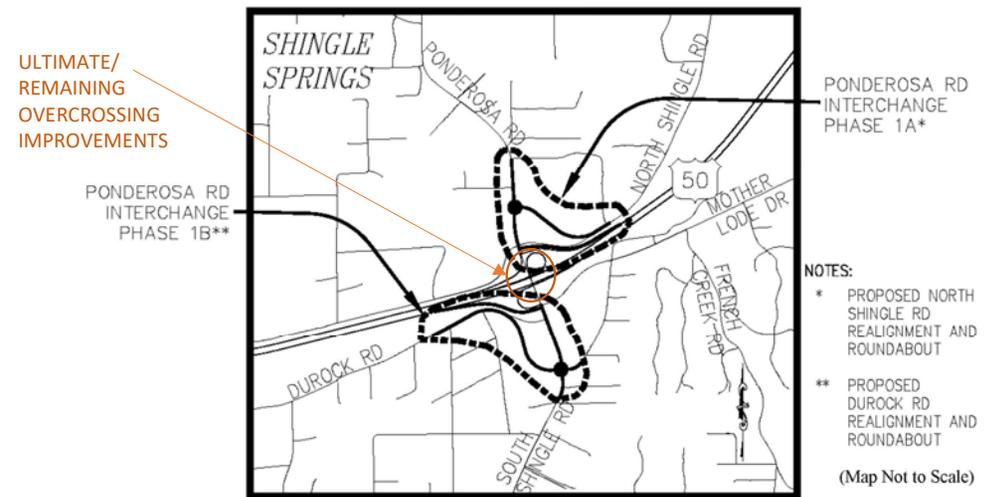
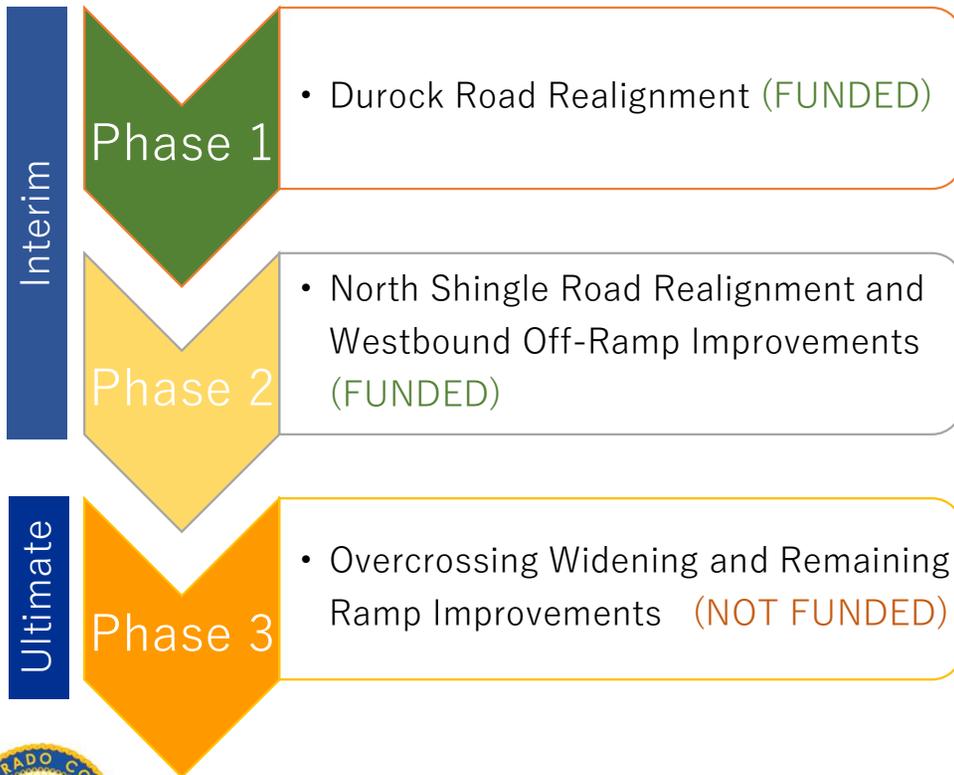
Purpose:

- The project will:
 - improve existing conditions for the ramp intersections and local roadway intersections adjacent to the interchange,
 - maintain acceptable LOS on US-50 and at existing access points to and from US-50 through the design year,
 - improve multimodal mobility within and through the interchange, and
 - enhance safety and operational improvements.



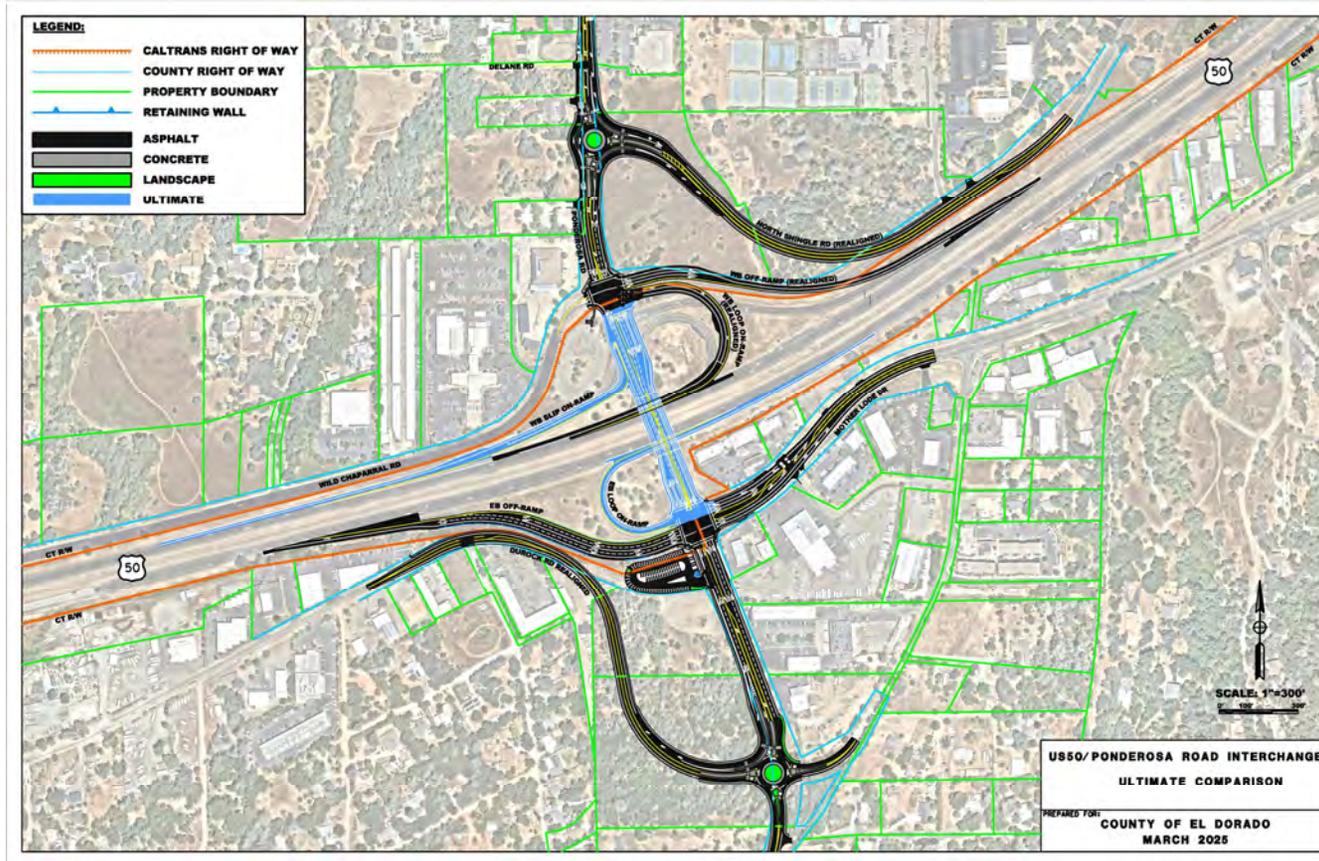
Project History and Background

Project Phasing



Project History and Background

Interim and Ultimate Phase Improvements



US 50/Ponderosa Road Interchange Improvements

Environmental

- Environmental Technical Studies
 - Started in 2008, updated in 2015, and approved in 2025 by Caltrans
 - Community Impact Assessment Addendum
 - Hazardous Waste Initial Site Assessment Addendum
 - Natural Environment Study Amendment
 - Historic Property Survey Report/Archaeological Survey Report – On-going consultation with the Shingle Springs Band of Miwok Indians
 - Section 7 Consultation/Biological Opinion Update
 - Air Quality Technical Report Addendum
 - Noise Study Report Addendum
 - Visual Impact Assessment Update

U.S. 50/PONDEROSA ROAD/SOUTH SHINGLE SPRINGS ROAD INTERCHANGE IMPROVEMENTS PROJECT

EL DORADO COUNTY, CALIFORNIA
DISTRICT 3 – ELD – 50 (PM 8.3/8.7)
EA 03-2E650

Initial Study with Proposed Mitigated Negative Declaration/Environmental Assessment with Finding of No Significant Impact



Prepared by the State of California Department of Transportation and El Dorado County Department of Transportation

The environmental review, consultation, and any other action required in accordance with applicable Federal laws for this project is being, or has been, carried out by Caltrans under its assumption of responsibility pursuant to 23 U.S.C. 327.



January 2018



US 50/Ponderosa Road Interchange Improvements

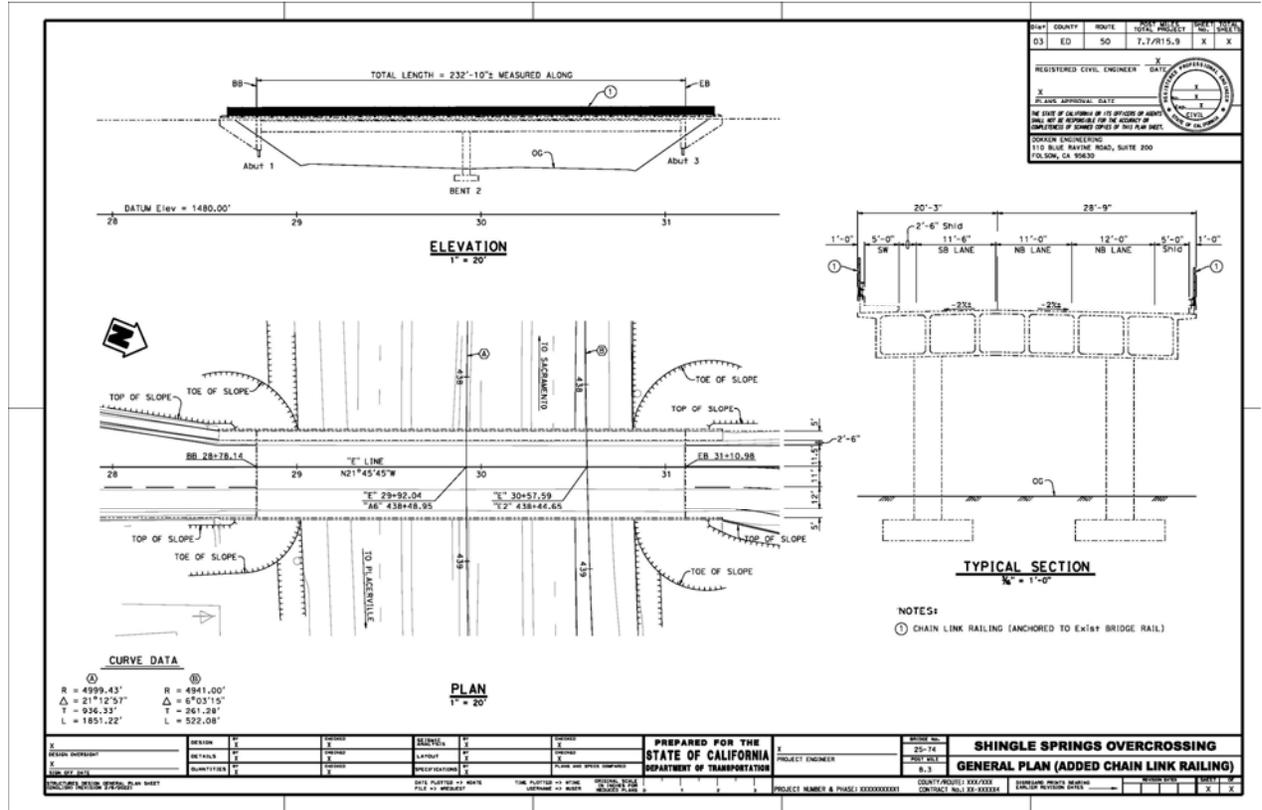
Environmental

- Environmental Clearance
 - CEQA - Complete
 - CEQA IS/MND Adopted by the County in March 2020 (Build Alternative 1)
 - Technical Studies Approved by Caltrans January 2025
 - **Addendum available for Public Review on County Website**
 - NEPA - Underway
 - Technical Studies Approved by Caltrans January 2025
 - Currently preparing the NEPA Environmental Assessment
 - Anticipated NEPA approval July 2025



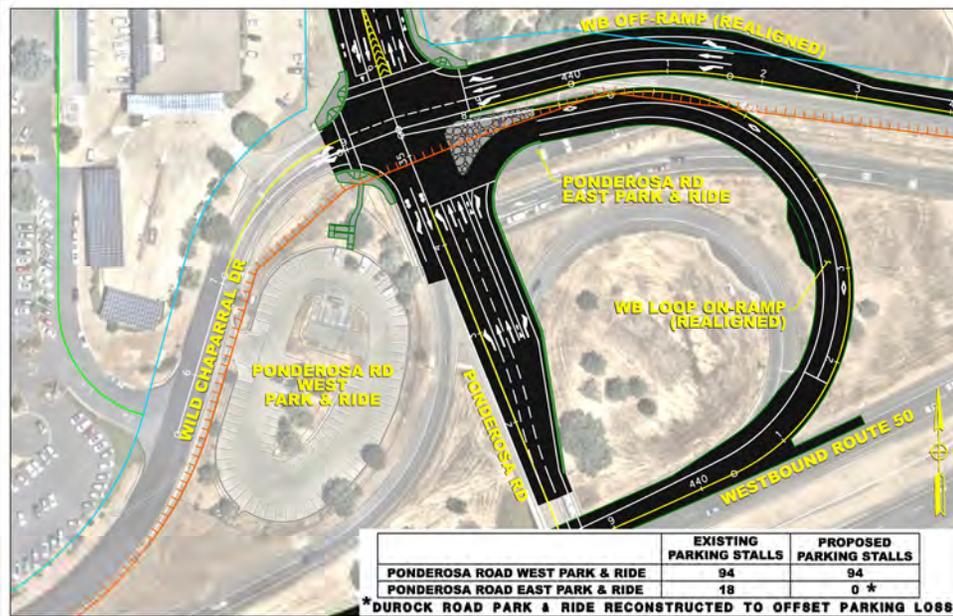
Project Features - Overcrossing

Interim Improvements – Bicycle and Pedestrian Facilities

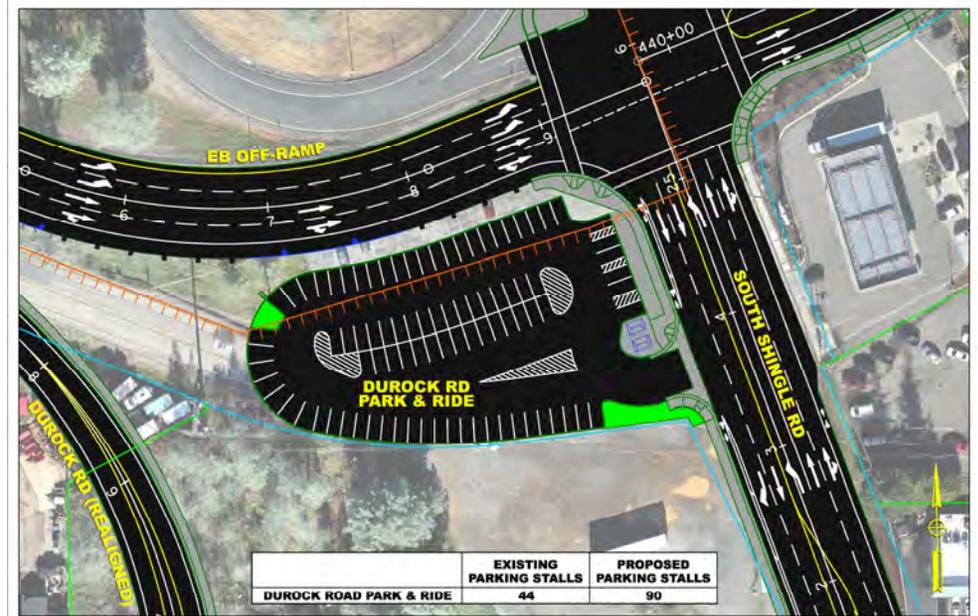


US 50/Ponderosa Road Interchange Improvements

Project Features– Park & Ride Lots



Ponderosa West Park and Ride Lot



Durock Road Park and Ride Lot



Project Features – Roundabouts



North Shingle
Road/Ponderosa
Road
Intersection

Potential for
Community Beautification



Camino, CA
Apple Hill Roundabout

Durock
Road/South
Shingle Road
Intersection

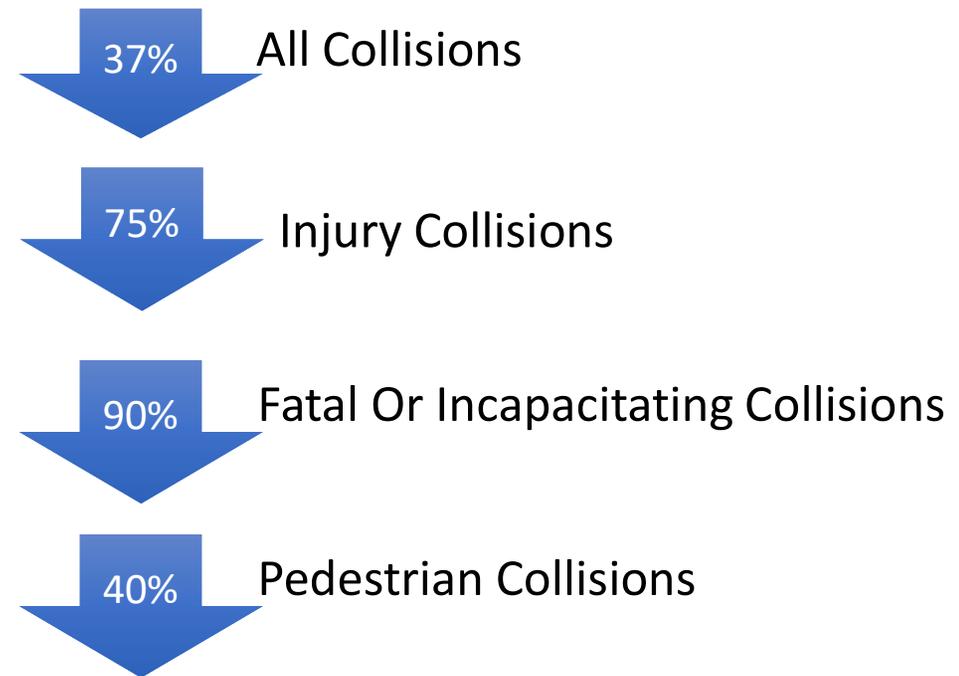
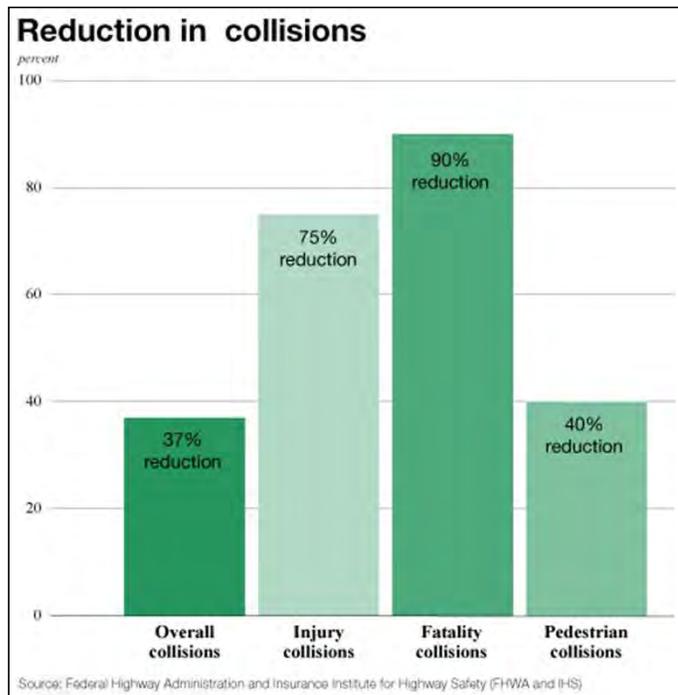


US 50/Ponderosa Road Interchange Improvements

Project Features – Roundabouts

Study Results – FHWA & Insurance Institute for Highway Safety (IIHS)

Conversion of a typical stop-controlled or signalized intersection to roundabout reduces crashes.



US 50/Ponderosa Road Interchange Improvements

Traffic Analysis and Operations

- Traffic Corridor Modeling

AM Travel Time – Eastbound US 50 Off-Ramp to Northbound Ponderosa Road/Deelane Road

Existing (2024)	Baseline
Opening Year (2029, No Build)	+160% increase from baseline
Opening Year (2029, Build)	-56% decrease from baseline

PM Travel Time – Southbound Ponderosa Road/Deelane Road to South Shingle Road/Sunset Ln

Existing (2024)	Baseline
Opening Year (2029, No Build)	+44% increase from baseline
Opening Year (2029, Build)	-54% decrease from baseline



Next Steps

