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Tuolumne County Guardrail Replacement Project

Project No. 1770

Federal Project No. HSIP-5932(108)

Description

The project will replace wooden post guardrails with upgraded steel systems at various locations on Longeway Road, Kewin Mill Road, and Jacksonville Road.

Purpose and Need

Replacement of outdated or damaged guardrails along key roadways to improve safety by preventing vehicle run-off and reducing potential hazards. The project will ensure the installation of compliant, durable barriers for enhanced protection of drivers.

Strategic Plan Goals

Traffic Safety Improvements

Funding Sources

Highway Safety Improvement Program (HSIP)

Total Project Cost: \$1,111,000**Current Phase**

The project is undergoing preliminary engineering and environmental review

Anticipated Year of Construction: 2026

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Rawhide Road crossing Woods Creek Bridge Project

Project No. 1331

Federal Project No. BRLS-5932(039)

Description

Tuolumne County proposes to construct a new concrete bridge with two through lanes and a left turn lane east (upstream) of the existing single lane bridge located on Rawhide Road crossing Woods Creek in Jamestown, CA designated as Bridge No. 32C0044. As part of the construction of the new bridge, Rawhide Road will be realigned with Main Street, and the existing traffic signal at Humbug Street will be relocated to Main Street. The project will also construct a “right in / right out only” access at Jamestown Road.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge over Woods Creek on Rawhide Road. The current single lane bridge, has a sufficiency rating of 53 which is eligible for rehabilitation, but due to its poor geometrics (single lane bridge) it is functionally obsolete and qualifies for replacement.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division and bring it to current design standards.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and Traffic Impact Mitigation Fees (TIMF)

Total Project Cost: \$11,877,263

Current Phase

This project is currently in the right of way phase.

Anticipated Year of Construction: 2027

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Draper Mine Road crossing Curtis Creek Bridge Replacement Project, Bridge No. 32C0028

Project No. 1333

Federal Project No. BRLO-5932(038)

Description

The proposed project consists of removal of the existing bridge, designated as Bridge 32C0028, and construction of a new bridge. Draper Mine Road will be realigned, eliminating the dangerous "S" curve in the existing road. The new alignment will be slightly northeast of the existing alignment and extend for approximately 400' on either side of the new bridge. The proposed bridge will be a precast voided concrete slab bridge.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Draper Mine Road crossing Curtis Creek. The existing structure is a single span I-beam steel girder bridge with concrete abutments, and railing does not meet current standards. The existing bridge, constructed in 1937, has a sufficiency rating of 26.3 and is considered structurally deficient. This rating qualifies the bridge for replacement under the Highway Bridge Program (HBP).

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division and bring it up to current design standards.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP), Partial California Toll Credits, and Local funds

Total Project Cost: \$3,430,716

Current Phase

This project is currently in the right of way phase.

Anticipated Year of Construction: 2026

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Algerine-Wards Ferry Road crossing Blanket Creek Bridge Replacement Project, Bridge No. 32C0042

Project No. 1571

Federal Project No. BRLO-5932(064)

Description

The proposed project is to replace the existing bridge with a one span, reinforced concrete slab bridge on the same alignment. The bridge is designated as 32C0042.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Algerine-Wards Ferry crossing Blanket Creek. The bridge was built in 1936 and consists of one span, steel and reinforced concrete girders on concrete abutments. This bridge is eligible for replacement due to the weakening of the reinforced concrete girders and efflorescence in the girder and abutments. The bridge also has a scour of 3 and is on the County's Plan of Action (POA) for scour critical bridges to be replaced.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - 100% funded

Total Project Cost: \$2,282,420

Current Phase

This project is currently shovel ready and waiting to begin construction.

Anticipated Year of Construction: 2026

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Lime Kiln Road crossing Curtis Creek Bridge Replacement Project, Bridge No. 32C0016

Project No. 1627

Federal Project No. BRLO-5932(067)

Description

The proposed project is to replace the existing one lane concrete t-beam bridge with a two lane concrete bridge and realign Lime Kiln Road. The bridge is designated as 32C0016.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Lime Kiln Road crossing Curtis Creek. The existing single lane bridge, built in 1922, has a sufficiency rating of 65.7 and is structural deficient. This rating qualifies the bridge for replacement under the Highway Bridge Program (HBP).

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - 100% funded

Total Project Cost: \$4,735,546**Current Phase**

Construction will begin in Summer 2025.

Anticipated Year of Construction: 2025

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**Old Wards Ferry Road crossing Curtis Creek Bridge
Replacement Project, Bridge No. 32C0017**

Project No. 1655

Federal Project No. BRLO-5932(095)

Description

The proposed project is to replace the existing one lane bridge with a cast-in-place, prestressed concrete slab bridge. The bridge is designated as 32C0017.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Old Wards Ferry Road crossing Curtis Creek. The existing bridge was built in 1914 and consists of an earth filled reinforced concrete arch. This bridge has sufficiency rating of 65.4 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - 100% funded

Total Project Cost: \$1,671,120**Current Phase**

This project is currently in the preliminary engineering and environmental phase.

Anticipated Year of Construction: 2027

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Italian Bar Road crossing Rose Creek Bridge Replacement Project, Bridge No. 32C0037

Project No. 1628

Federal Project No. BRLO-5932(073)

Description

The proposed project is to replace the existing concrete bridge over Rose Creek with a new concrete single span bridge. The existing bridge is designated as 32C0037.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Italian Bar Road crossing Rose Creek. The bridge was built in 1925 and has deficiencies in the concrete deck and superstructure, showing signs of efflorescence. The structure is considered structurally deficient and qualifies for replacement.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - 100% funded

Total Project Cost: \$2,337,775

Current Phase

This project is currently in the right-of-way phase.

Anticipated Year of Construction: 2026

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Mono Way Operational & Safety Project

Project No. 1657
Federal Project No. RPL-5932(076)

Description

This project improves a former segment of State Route 108 (Mono Way), located between Peaceful Oak Road and Via Este. Following the completion of the East Sonora Bypass Stage II project, this portion of Mono Way was bypassed and officially transferred to Tuolumne County in 2014. As of 2025, the project has been updated to reflect its current function as a minor collector roadway. The proposed improvements aim to enhance roadway safety, support local traffic circulation, and ensure the roadway meets current standards for its new classification under county jurisdiction.

Purpose and Need

The purpose of this project is to address deteriorating pavement conditions and extend the service life of Mono Way. The project is needed to bring the roadway up to current safety and performance standards through asphalt overlay, surface treatments, and related enhancements.

Strategic Plan Goals

Relinquishment Agreement (10-313) between the State of California and the County of Tuolumne, and improvement of roadway pavement.

Funding Sources

Regional Improvement Program (RIP), National Highway; State-Only Regional Improvement Program; local funds.

Total Project Cost: \$3,832,000

Current Phase

Construction will begin in Spring/Summer of 2025

Anticipated Year of Construction: 2025

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Rawhide Road crossing Peppermint Creek Bridge Replacement Project, Bridge No. 32C0045

Project No. TBD

Federal Project No. TBD

Description

The proposed project is to replace the existing concrete slab bridge with a concrete single span bridge. The bridge is designated as 32C0045.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Rawhide Road crossing Peppermint Creek. The concrete slab bridge was built in 1930, and widened in 1953. This bridge has sufficiency rating of 48.5 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) - \$1,228,475 (88.53%), Local funds - \$170,725 (11.47%)

Total Project Cost: \$1,399,200

Current Phase

This project is currently programmed in the Federal Transportation Improvement Program (FTIP). Preliminary Engineering is anticipated to begin in 2023

Anticipated Year of Construction: TBD

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**Crystal Falls Drive crossing Sullivan Creek Bridge
Replacement Project, Bridge No. 32C0070**

Project No. TBD

Federal Project No. TBD

Description

The proposed project is to rehabilitate or replace the existing concrete slab bridge to meet current Tuolumne County and AASHTO standards. The bridge is designated as 32C0070.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Crystal Falls Drive crossing Sullivan Creek. The existing bridge was built in 1970 and consists of one span, concrete deck on steel piles. This bridge has sufficiency rating of 59.5 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP), and California Toll Credits - \$962,640 (100%)

Total Project Cost: \$962,640

Current Phase

This project is currently programmed in the Federal Transportation Improvement Program (FTIP). Preliminary Engineering is anticipated to begin 2023.

Anticipated Year of Construction: TBD

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Red Hills Road over Six Bit Gulch Creek Ford Replacement Project

Project No. 1708

Federal Project No. HMGP-4431-800-19R

Description

The proposed project is to replace the existing one lane concrete ford with a two lane culvert. The proposed open bottom box culvert will replace an existing ford located approximately 1.5 miles southwest of the town of Chinese Camp.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on Red Hills Road crossing Six Bit Creek. The existing ford is a one-lane concrete structure skewed by approximately 45 degrees from the natural channel. It is pierced by two corrugated metal pipes approximately 2 feet in diameter, and, at its lowest point, stands 3 feet over the channel invert. Currently, Red Hills Road is often subject to intermittent closures during storm events due to overtopping of the ford crossing.

Strategic Plan Goals

Roadway Safety Improvements

Funding Sources

Federal Emergency Management Agency's (FEMA) Hazard Mitigation Grant Program

Total Project Cost: \$1,952,452**Current Phase**

The project is currently in final design and is being reviewed by FEMA.

Anticipated Year of Construction: 2026

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Wards Ferry Road crossing Deer Creek Bridge Replacement Project, Bridge No. 32C0003

Project No. 1654
Federal Project No. BRLO-5932(091)

Description

The proposed project is to replace the existing one lane bridge with a cast-in-place, prestressed reinforced concrete box girder, two lane bridge. The bridge is designated as 32C0003.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Wards Ferry crossing Deer Creek. The bridge was built in 1915 and consists of one span, steel truss with concrete deck on concrete abutments and spread footings. This bridge has sufficiency rating of 35 and is considered structurally deficient.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP), and California Toll Credits - 100% funded

Total Project Cost: \$5,166,000

Current Phase

This project is currently in the preliminary engineering phase.

Anticipated Year of Construction: 2026

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Algerine Road Crossing Algerine Creek Bridge Replacement Project, Bridge No. 32C0073

Project No. 1719

Federal Project No. BRLO-5932(096)

Description

The proposed project is to replace the existing bridge with a cast in place concrete single span bridge and realign road to accommodate widened bridge.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Algerine Road crossing Algerine Creek. The existing bridge was built in 1926 and consists of a concrete slab on concrete abutments with spread footings. This bridge has a sufficiency rating of 51 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - 100% funded

Total Project Cost: \$2,039,000**Current Phase**

This project is in the preliminary engineering and environmental phase.

Anticipated Year of Construction: 2027

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Lime Kiln Road Crossing Sullivan Creek Bridge Replacement Project, Bridge No. 32C0011

Project No. TBD

Federal Project No. TBD

Description

The proposed project is to replace the existing bridge and realign Lime Kiln Road to eliminate the tight "U"-curve in the road alignment, making it a more direct approach.

Purpose and Need

The existing reinforced concrete bridge was built in 1973 to replace the damaged steel truss bridge that had been built in 1906. The "new" bridge was built, in part, on existing piers and abutments. The bridge has a sufficiency rating of 76.6 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - 100% funded

Total Project Cost: \$3,092,200**Current Phase**

Preliminary engineering for this project will begin in 2023.

Anticipated Year of Construction: TBD

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Evergreen Road Reconstruction Project

Project No. 1693

Federal Project No. FLAP-CR393400(1)

Description

This project will rebuild and widen 7.41 miles of Evergreen Road, starting from the junction with State Route 120 and extending north to Mather Road. The improvements will include resurfacing the road, adding new lanes, upgrading drainage, and enhancing shoulders and ditches. Safety upgrades will also be made, such as widening curves, adding new signs and pavement markings, improving the clear zone, evaluating guardrails, and implementing pedestrian safety measures.

Purpose and Need

Evergreen Road provides critical access to key destinations, including Yosemite National Park, Evergreen Lodge, Camp Mather, and Hetch Hetchy Reservoir, serving thousands of visitors each year. However, the road is in poor condition with a narrow width, uneven surface, and no shoulders, creating safety hazards, difficulties with snow plowing, and confusion for drivers. Improvements are needed to enhance road safety, ensure better snow management, and improve the overall driving experience for visitors and residents.

Strategic Plan Goals

Pavement Management Program

Funding Sources

Federal Lands Access Program (88.53% project costs), California Toll Credits (11.47% project costs)

Total Project Cost: \$14,693,000

Current Phase

This project is currently in the right of way phase, construction has been pushed to 2027. The Federal Highway Administration is administering the design and construction of this project.

Anticipated Year of Construction: 2027

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Tuolumne Townsite Rule 20A

Project No. 1738
Federal Project No. PG&E

Description

The Tuolumne Townsite Underground Utility District encompasses the civic and public recreation areas of Tuolumne, including a portion of Chestnut Ave., Bay Ave., Fir Ave., Hodge Ave., Willow Ave., Main St., Pine St. and Carter St. The County will be coordinating with PG&E to move all overhead utilities underground.

Purpose and Need

The purpose of this Rule 20A utility undergrounding program is to enhance the visual appeal and overall experience of streets in areas of civic, recreational, and scenic interest.

Strategic Plan Goals

Tuolumne County Board of Supervisors priority for the Rule 20A Program.

Funding Sources

PG&E Rule 20A

Total Project Cost: \$8,150,000

Current Phase

Project has been accepted by PG&E. PG&E has pushed project design and construction until 2028.

Anticipated Year of Construction: 2028

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Twain Harte Storm Drain Rehabilitation

Project No. 1749
Federal Project No.

Description

The Twain Harte Storm Drain Rehabilitation Project will replace approximately 2,900 feet of aging and deteriorated, underground storm drain main trunk lines and facilities. In addition, the project will include upgrades to the storm water inlet on Joquin Gully, including the construction of sidewalks and commercial driveways that impact area drainage.

Purpose and Need

This project is a portion of the Twain Harte Community Stormwater Enhancement Project, a collaborative effort to plan for and implement hydrologically-connected stormwater treatments necessary to address existing deficiencies and increase resilience to future conditions in collaboration with Twain Harte Community Services District.

Strategic Plan Goals

Tuolumne-Stanislaus Integrated Regional Water Management Plan

Funding Sources

Storm Water Grant Program - Prop 1

Total Project Cost: \$1,544,746

Current Phase

Construction will begin in May 2025 and continue to June 2025

Anticipated Year of Construction: 2025

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Jamestown Community Connectivity Project

Project No. 1751
Federal Project No. ATPL-5932(102)

Description

The project will construct sidewalks and multi-use bicycle/pedestrian paths along Fifth Avenue, from State Highway 108 to the Jamestown Elementary School, and from Eighth Street to Railtown 1897 State Historic Park. The project also construct gap-closure sidewalks along Seventh Street, Sixth Avenue, and portions of Fourth Avenue, Ninth Street and Willow Street, linking all of these mostly residential areas with the Jamestown Elementary School, transit, Railtown 1897 State Historic Park, and the Main Street corridor.

Purpose and Need

The streets and roadways in Jamestown are used frequently by residents and students alike, to walk to school, transit facilities, a health clinic and local businesses. Building a safe and continuous sidewalk network will not only protect the current pedestrians and cyclists, but will encourage new pedestrian and cyclist usage.

Strategic Plan Goals

Regional Transportation Plan (RTP), Tuolumne County Bikeways and Trail Plan, Tuolumne County General Plan

Funding Sources

Active Transportation Program

Total Project Cost: \$2,300,000

Current Phase

Preliminary Engineering

Anticipated Year of Construction: 2026

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Groveland Vibrant Connections to Public Spaces

Project No. 1755

Federal Project No. CCL-5932(106)

Description

This project will create human scale improvements to the County-owned parking facility on Ponderosa Lane located directly behind the town core on State Route 120, 'Main Street'. Project components will include improving pedestrian connections, constructing a public restroom and mural.

Purpose and Need

The proposed project improvements will address public health, accessibility deficiencies and pedestrian access in Groveland.

Strategic Plan Goals

Facilities Management Improvements

Funding Sources

Caltrans Clean California Grant Funding

Total Project Cost: \$368,175

Current Phase

Construction of this project will begin in April 2025.

Anticipated Year of Construction: 2025

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Jamestown Gateway and Main Street Revitalization Project

Project No. 1756

Federal Project No. CCL-5932(105)

Description

This project will improve Jamestown's historic downtown Main Street by enhancing accessibility, aesthetics, and cultural connection. Planned upgrades include sidewalk repairs, ADA enhancements, street tree planting, improvements at Rocca Park. In collaboration with the Jamestown Promotion Club, a mural will be added to a prominent building to showcase local art. Additionally, the intersection of Main Street and Golden Chain Highway will be redesigned with drought-tolerant plants to welcome visitors to Jamestown.

Purpose and Need

The proposed project improvements will address public health, beautification, pedestrian access and accessibility deficiencies in Jamestown.

Strategic Plan Goals

ADA improvements and facilities maintenance.

Funding Sources

Caltrans Clean California Grant Funding

Total Project Cost: \$1,516,820**Current Phase**

Sidewalk construction on Main Street has been completed. Improvements to the triangle at the SR-108 intersection and construction of the sidewalk on Seco, including installing the mural in coordination with the Jamestown Promotion Club, will continue in the spring of 2025.

Anticipated Year of Construction: 2024

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Groveland Community Connectivity Project

Project No. 1760

Federal Project No. TBD

Description

This project will improve the pedestrian and bicycle infrastructure along State Route 120 and Ferretti Road in Groveland by replacing informal paths and deteriorating sidewalks. ADA-compliant sidewalks with curb ramps will be installed, along with a new multi-use Class I pathway, and new crosswalks at key crossing locations.

Purpose and Need

Currently, State Route 120 and Ferretti Road have narrow or no shoulders, forcing pedestrians to walk along informal paths through nearby vegetation, which can be unsafe. This project is needed to create safer, more accessible paths for both pedestrians and cyclists, improving mobility for everyone in the area.

Strategic Plan Goals

Tuolumne County Transportation Council - 2016 Regional Transportation Plan

Funding Sources

Active Transportation Program (Caltrans)

Total Project Cost: \$3,036,000**Current Phase**

Preliminary engineering has started.

Anticipated Year of Construction: 2028

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Jamestown Road Reconstruction Project

Project No. 1764
Federal Project No.

Description

This project will reconstruct approximately one mile of Jamestown Road, starting about 2,500 feet past Golf Links Road and continuing to Lavender Lane.

Purpose and Need

The current Pavement Condition Index (PCI) for this segment of Jamestown Road is 24, categorized as "poor" condition. This project supports the Board of Supervisors priority to raise the County's overall pavement condition index.

Strategic Plan Goals

2022-2023 Local Assistance and Tribal Consistency Fund Priority Road Maintenance

Funding Sources

Local Assistance and Tribal Consistency Fund (LATCF) - 100%

Total Project Cost: \$1,164,362

Current Phase

This project is currently in construction in beginning April 2025.

Anticipated Year of Construction: 2024

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Tuolumne Road North Rubberized Overlay

Project No. 17XX
Federal Project No.

Description

The project will address safety issues, improve pavement condition through sustainable paving, and expand charging stations availability in to this region. Completion in tandem with the Tuolumne Road North Rehabilitation will provide complete corridor access for Tuolumne, CA.

Purpose and Need

This project supports the Board of Supervisors priorities 3.1 Roads and Infrastructure: Raise the County's Pavement Condition Index for Roads, 1.2 Improve Wildfire Resiliency, and 2.5 Support business attraction for county strength areas and invest in small business to build a more resilient and prosperous economy.

Strategic Plan Goals

2021 Regional Transportation Plan; Central Sierra Zero Emission Vehicle (ZEV) Readiness Plan;

Funding Sources

Total Project Cost: \$3,069,405

Current Phase

Project Approval & Environmental Document

Anticipated Year of Construction: TBD

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High Friction Surface Treatment Project

Project No. 1781
Federal Project No.

Description

Apply high friction surface treatment materials to spot locations with higher incidences of road departure accidents. In addition to improving traction in these critical locations, the project will also include spot pavement repairs, guardrail repairs, and restriping.

Purpose and Need

A recent safety analysis of road departure accidents in Tuolumne County identified four specific locations with higher accident rates that could benefit from enhanced traction. This pilot project aims to apply high-friction surface treatments to these locations to improve grip and reduce the risk of accidents. Following the application, accident rates will be monitored to assess whether the higher-friction surfaces significantly improve safety at these sites.

Strategic Plan Goals

Regional Transportation Plan emphasis on improving public safety

Funding Sources

\$790,000 Regional Surface Transportation Funds (RSTP); \$60,000 SB1

Total Project Cost: \$850,000

Current Phase

This project is currently in construction through May 2025.

Anticipated Year of Construction: 2025