

Project Contact

Blossom Scott-Heim, P.E. /
Tanya Allen, P.E.

County Project Engineer

(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

Carolyn Davis

Quincy Engineering, Inc

11017 Cobblerock Drive, Suite
100
Sacramento, CA 95670

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-6141)

Total Project Cost: \$11,373,000

Current Phase

This project is currently in the right of way phase. Staff and their consultants are preparing final design for the bridge.

Anticipated Year of Construction: April 2021

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

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 acceptable 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. Staff and their consultants are preparing final design for the bridge.

Anticipated Year of Construction: April 2020

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

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 in the right of way phase. Staff and their consultants are preparing final design for the bridge.

Anticipated Year of Construction: April 2019

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

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: \$4,280,285

Current Phase

This project is currently in the right of way phase. Staff and their consultants are preparing final design for the bridge.

Anticipated Year of Construction: April 2020

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

**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: \$1,621,120

Current Phase

This project is in the preliminary engineering phase.

Anticipated Year of Construction: April 2022

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
druby@co.tuolumne.ca.us

Sherina Lam
AECOM
2020 L Street, Suite 400
Sacramento, CA 95811

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 two span 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 preliminary engineering phase and environmental studies are underway. CEQA clearance is expected in Spring, 2019. NEPA clearance was achieved in Summer, 2018.

Anticipated Year of Construction: April 2021

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

Big Creek Shaft Road crossing Big Creek Bridge Replacement Project, Bridge No. 32C0066

Project No. 1629
Federal Project No. BRLO-5932(074)

Description

The proposed project is to replace the existing bridge and realign the roadway to eliminate the ninety degree turns on both approaches. The bridge is designated as 32C0066.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Big Creek Shaft Road crossing Big Creek. The bridge, built in 1960, consists of an old steel railroad car frame with wood decking above. The structure is considered structurally deficient because its load ratings are less than the legal limit. Therefore, it 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: \$2,416,476

Current Phase

This project is currently in the right of way phase. Staff and their consultants are preparing final design for the bridge.

Anticipated Year of Construction: April 2019

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
druby@co.tuolumne.ca.us

Ron Pisel, P.E.
NV5
2105 W. Bullard, Ste. 145
Fresno, CA 93711
Chandu Shenoy, P.E.
NV5
2495 Natomas Park Dr, 4th
Floor
Sacramento, CA 95833

Mono Way Operational & Safety Project

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

Description

A segment of State Route 108 (Mono Way) from Peaceful Oak Road to Via Este has been bypassed as a result of the East Sonora Bypass Stage II (ESBII) project. This segment has been relinquished to the County of Tuolumne and is now maintained by the County.

Purpose and Need

The current roadway geometry of Mono Way does not meet County standards for its classification of major collector. Improvements are needed to widen the roadway shoulders to accommodate pedestrian and bicycle traffic, improve deficient drainage, realign a skewed intersection and install left-turn pockets at the intersection of Jeness Road and Christy May Lane.

Strategic Plan Goals

Relinquishment Agreement (10-313) between the State of California and the County of Tuolumne, and improvement to standards for roads designated as "Major Collector" in the adopted General Plan Circulation Element.

Funding Sources

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

Total Project Cost: \$3,680,000

Current Phase

The project has CEQA and NEPA clearance. 60% engineering design needs to be finalized.

Anticipated Year of Construction: March 2021

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

**Jacksonville Road crossing Tuolumne River Bridge
Rehabilitation Project, Bridge No. 32C0057**

Project No. 1675
Federal Project No. BRLS-5932(078)

Description

The proposed project will rehabilitate the existing bridge. The existing bridge deck overlay will be replaced with a polyester concrete overlay and the deck joints will be replaced. The bridge is designated as 32C0057.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Jacksonville Road crossing the Tuolumne River. The bridge was built in 1970 and consists of nine spans, a steel stringer with concrete deck on concrete piers and abutments all on spread footings. The existing bridge has sufficiency rating of 60.3 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, Highway Bridge Program (88.53% project costs) and Local funds (11.47% project costs)

Total Project Cost: \$1,361,472

Current Phase

Construction work will begin in spring 2019.

Anticipated Year of Construction: April 2019

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

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: \$2,000,760

Current Phase

This project is in the preliminary engineering phase.

Anticipated Year of Construction: April 2022

Project Contact

Tanya Allen, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
tallen@co.tuolumne.ca.us

Carolyn Davis
Quincy Engineering, Inc
11017 Cobblerock Drive, Suite
100
Sacramento, CA 95670

Signalization at 5th Avenue and State Route 108

Project No. 1650
Federal Project No. N/A

Description

This project will consist of signalizing the intersection of State Route 108/49 and 5th Avenue, adding turn lanes on 5th Avenue in the northbound and southbound directions at the intersection, modifying the existing Jamestown Road/SR 108/49 intersection by restricting access to the highway from southbound Jamestown Road, and widen SR 108/49 for a right turn pocket.

Purpose and Need

The purpose of this project is to improve safety and reduce the number of accidents at the intersection. Based on the March 2012 *Traffic Operations Report* a signal is needed at this intersection.

Strategic Plan Goals

Warranted per *Traffic Operations Report* dated March 2012 per Rawhide Rd crossing Woods Creek Bridge Project.

Funding Sources

Traffic Mitigation Impact Fees (TMIF), Minor A-statefunds

Total Project Cost: \$3,625,275

Current Phase

The Board of Supervisors awarded the Contract to Sierra Mountain Construction, Inc. on 6/5/2018. Construction is anticipated to start 6/25/2018 and be complete by January 18, 2019.

Anticipated Year of Construction: May 2018

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Joe Siemers, PE
MGE Engineering, Inc.
7415 Greenhaven Drive, Suite
100
Sacramento, CA 95831

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 rehabilitate the existing bridge by widening the bridge and constructing new railing to meet current standards.

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 1940 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: \$996,281

Current Phase

This project is in the preliminary engineering phase.

Anticipated Year of Construction: September 2021

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

Mark Rayback, PE
Wood Rodgers - Civil
3301 C Street, Bldg. 100B
Sacramento, CA 95816

Intersection Improvements to Parrotts Ferry Road and SR 49

Project No. 1679
Federal Project No. HSIPL-5932(083)

Description

Widening the roadway to accommodate a right turn lane on State Route 49, eliminating the free right turn lane from State Route 49 to Parrotts Ferry Road, and constructing a northbound left turn lane on Parrotts Ferry Road at Union Hill Road.

Purpose and Need

The connection of Parrotts Ferry Road to Highway 49 evolved from a wagon road in 1850 into the asphalt road that it is today. Parrotts Ferry Road also serves as the primary access route to Columbia State Historic Park, a significant tourist attraction.

The County of Tuolumne is hoping to reduce the number and severity of accidents by improving the intersection of Parrotts Ferry Road and State Route 49, which will control traffic on a horizontal and vertical curve that has limited site distance.

Strategic Plan Goals

Traffic Safety Improvement

Funding Sources

Federal Highway Administration, Highway Safety Improvement Program (90% project costs) and Local funds (10% project costs)

Total Project Cost: \$1,159,000

Current Phase

This project is currently in the right of way phase. Staff and their consultants are preparing final design for the project.

Anticipated Year of Construction: July 2019

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Mark Rayback, PE
Wood Rodgers - Civil
3301 C Street, Bldg. 100B
Sacramento, CA 95816

Roadway Improvements on Tuolumne Rd. between Lambert Lake Rd. and Terrace Dr.

Project No. 1685
Federal Project No. HSIPL-5932(081)

Description

The roadway cross section will be widened and realigned to improve sight distance and create a continuous two way left turn lane. The project will also include rehabilitation or replacement of drainage features on Tuolumne Road and installation of shoulders. Work will be on Tuolumne Road from Terrace Drive to Lambert Lake Road (approximately 0.5 miles).

Purpose and Need

Tuolumne Road has connected Sonora to Summersville since the early 1850s. Today the road is classified as a major collector and used to access residential areas, commercial developments, and industry. The rolling/mountainous terrain along this route limits a driver's ability to quickly stop and avoid accidents.

The project proposes to reduce the number and severity of accidents on Tuolumne Road between Terrace Drive and Lambert Lake Road.

Strategic Plan Goals

Traffic Safety Improvements

Funding Sources

Federal Highway Administration (FHWA), Highway Safety Improvement Program (HSIP), Local Funds: Road Fund, Tribal Road Mitigation Funds

Total Project Cost: \$1,517,000

Current Phase

The project is currently in the preliminary engineering phase.

Anticipated Year of Construction: September 2019

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Mark Rayback, PE
Wood Rodgers - Civil
3301 C Street, Bldg. 100B
Sacramento, CA 95816

Roadway Improvements on Phoenix Lake Road from Ridgewood to Paseo de Los Portales Rd.

Project No. 1684
Federal Project No. HSIPL-5932(082)

Description

The project consists of widening the shoulder of Phoenix Lake Road, roadside signs installation and upgrades, installation of two dynamic variable speed warning signs, and drainage improvements.

Purpose and Need

Phoenix Lake Road is a major collector connecting State Highway 108 to numerous residential areas, including Phoenix Lake County Club Estates, Sonora Meadows, and Belleview. The curves and rolling/mountainous terrain along the route limits the driver's ability to quickly stop and avoid accidents.

This project proposes to reduce the number and severity of accidents on Phoenix Lake Road between the intersection of Ridgewood Drive and Paseo De Los Portales Road.

Strategic Plan Goals

Traffic Safety Improvements

Funding Sources

Federal Highway Administration, Highway Safety Improvement Program (90% Federal Participating Costs), Local Funds (10% Federal Participating Costs), and Regional Surface Transportation Program Exchange Reserve Funds.

Total Project Cost: \$753,000

Current Phase

The project is currently in the preliminary engineering phase.

Anticipated Year of Construction: September 2019

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

Joe Siemers, PE
MGE Engineering, Inc.
7415 Greenhaven Drive, Suite
100
Sacramento, CA 95831

**Hardin Flat Road crossing South Fork of Tuolumne River,
Bridge No. 32C0053**

Project No. 1673
Federal Project No. BRLO-5932(079)

Description

The project proposes to replace wooden post and beam bridge with a concrete box girder bridge located on Hardin Flat Road crossing the South Fork of the Tuolumne River. The abutment and stringers of the existing bridge suffered burn damage during the RIM Fire.

Purpose and Need

The RIM Fire began on August 17, 2013 and burned 257,314 acres until full containment was reached on October 24, 2013. Structural damage to the bridge was part of the extreme devastation from the RIM Fire on Hardin Flat Road.

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: \$3,568,284

Current Phase

Construction will be complete Spring 2019.

Anticipated Year of Construction: April 2018

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
druby@co.tuolumne.ca.us

Parrotts Ferry Reconstruction

Project No. 1686
Federal Project No. N/A

Description

The project consisted of reconstructing the existing Parrotts Ferry Road surface by utilizing full depth reclamation process with a depth of 13 inches with a 3.5 inch hot mix asphalt (HMA) overlay. The work is from Broadway/Jackson Street to Marble Quarry Road (approximately 1.24 miles). Due to the concurrent Tuolumne Utilities District (TUD) replacement of the Gold Springs Force Main the Board of Supervisors awarded the construction contract with a reduced scope of work, reducing the 5 inch HMA overlay to 3.5 inches. The final 1.5 inch overlay will be installed following the completion of the TUD project, and after four storm drainage cross culverts are replaced in Spring of 2018.

Purpose and Need

The 2015 Pavement Condition Index (PCI) of the road was 14. A goal of the Board of Supervisors is to improve the transportation infrastructure by facilitating a pavement management program.

Strategic Plan Goals

Pavement Management Program

Funding Sources

Regional Surface Transportation Program (RSTP) Exchange Funds, County General Fund, and Traffic Mitigation Fund, SB1 RMRA

Total Project Cost: \$989,906

Current Phase

Reconstruction completed May 2016. Final HMA overlay waiting until TUD utility/underground work was completed (4/2017). Final 1.5" overlay to occur in 2019.

Anticipated Year of Construction: October 2019

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

Evergreen Road Reconstruction Project

Project No. 1693
Federal Project No. TBD

Description

This project will reconstruct and widen 7.41 miles of Evergreen Road which begins at the junction with State Route 120 and proceeds north 7.41 miles to the junction with Mather Road (Forest Route 1S02). Roadway improvements will consist of pulverizing, importing aggregate base, paving, widening, improvements to one major drainage structure, paved ditches, and shoulder and ditch reconditioning. Safety improvements will include curve widening, signing, striping, increasing the clear zone, guardrail evaluation and pedestrian safety pavement markings.

Purpose and Need

Evergreen Road is located almost exclusively within the Stanislaus National Forest, and immediately adjacent to Yosemite National Park. Evergreen Road serves as the main access road to the Hetch Hetchy entrance to Yosemite National Park, which receives 50,000 visitors annually. Evergreen Road also provides the main travel route to Evergreen Lodge, Camp Mather, Hetch Hetchy Reservoir, Diamond O Campground, three day use areas, a trailhead, and many dispersed recreation opportunities. Evergreen Lodge, built in 1921, is a destination resort that receives 55,000 guests annually. Camp Mather is a recreational campground, owned by the City and County of San Francisco (CCSF), that receives 20,000 visitors annually. Hetch Hetchy Reservoir is the main source of water for the CCSF and is accessed daily by reservoir staff. Evergreen Road is currently in poor condition with a narrow roadway width with little or no shoulder. The uneven roadway surface produces a bumpy ride and makes snow plowing difficult, often leaving patches of ice and snow; the lack of shoulders and clear zone leave nowhere to store plowed snow. Evergreen Road currently is not striped, which can lead to driver confusion.

Strategic Plan Goals

Pavement Management Program

Funding Sources

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

Total Project Cost: \$11,250,000

Current Phase

This project is currently in the right of way phase. The Federal Highway Administration is administering this project.

Anticipated Year of Construction: February 2020



Capital Improvement Projects
Community Resources Agency, Engineering Division

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
druby@co.tuolumne.ca.us

Guardrail Replacement Project

Project No. 1710
Federal Project No. HRRRL-5932(094)

Description

The project proposes to install steel post guardrail systems at ten locations in Tuolumne County: O'Byrnes Ferry Road, at Green Springs Run and above Warning Board; Rawhide Road near Omega Mine Road; Twain Harte Drive near Ponderosa Road; Little Fuller Road at Pioneer Trail; Old Priest Grade near SR120; Parrotts Ferry Road (2 locations); Dodge Ridge Road (2 locations).

Purpose and Need

Responding to concerns from the County Board of Supervisors, and Public Works maintenance staff, a systematic, countywide evaluation of guardrail-involved accidents was undertaken, using record data from TIMS/SWITRS and compiled County accident records. Out of the full inventory of County roads, ten problem areas with higher crash incidences were identified, and verified by Public Works maintenance staff.

Strategic Plan Goals

Traffic Safety Improvements

Funding Sources

Highway Safety Improvement Program (HSIP), Cycle 8

Total Project Cost: \$374,100

Current Phase

Preliminary Engineering is underway. Environmental CEQA and NEPA clearances have been achieved.

Anticipated Year of Construction: October 2019

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Roadway Safety Signing Audit (RSSA)

Project No. 1700
Federal Project No. HRRRL-5932(090)

Description

This project consists of auditing the current regulatory and warning signs on the County's rural local roads. The audit will gather information such as locations, types, sizes, and conditions of signs. The signs will be analyzed and be removed or replaced to ensure that they are in compliance with the current California Manual of Uniform Traffic Control Devices (MUTCD).

Purpose and Need

Performing a Roadway Safety Signing Audit (RSSA) on the entire local road network will allow the County to identify areas that could benefit from increased or changed signing, in addition to identifying signs that do not meet current standards. Improvements may include replacing signs that are weathered or installing signs that will help drivers navigate roadway curves and other hazards.

Strategic Plan Goals

Local infrastructure in compliance with Federal Regulations Safety Improvements.

Funding Sources

Highway Safety Improvement Project (HSIP)

Total Project Cost: \$1,721,600

Current Phase

Preliminary Engineering and solicitation for design and environmental engineering.

Anticipated Year of Construction: February 2020

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Barbara Paluzzi
**Myers & Sons Hi-Way
Safety, Inc.**
13310 5th St.
Chino, CA 91710

Retrofit Regulatory and Warning Signs - see 1621

Project No. 1706
Federal Project No. HSIP-5932(089)

Description

The proposed project involves retrofitting regulatory and warning signs to meet new federal regulations on minimum reflectivity requirements that have been imposed by FHWA via the California Manual on Uniform Traffic Control Devices (MUTCD), effective November 7, 2014.

Purpose and Need

The purpose of this project is to provide the public safe travel and reduce accidents by retrofitting the reflectivity of existing signage. The improved visibility of the regulatory and warning signs will assist drivers in seeing signs and making better driving decisions while traveling in our County's mountainous terrain.

Strategic Plan Goals

Implement a County Sign Management Plan in compliance with federal mandated reflectivity standards by January 2015.

Funding Sources

Federal Highway Administration (FHWA), Highway Safety Improvement Program (HSIP) - \$548,100 (90%) and Local Funds - \$60,900 (10%)

Total Project Cost: \$609,000

Current Phase

Contract was awarded to Myers and Sons Hi-Way Safety, Inc. in February 2017.
Work began in July 2017.

Anticipated Year of Construction: February 2017

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
druby@co.tuolumne.ca.us

Shaws Flat Road – SR 49 Intersection Improvement Project

Project No. 1713
Federal Project No. HRRRL-5932(093)

Description

Install upgraded LED-enhanced flashing stop and stop ahead signs, install transverse rumble strips, improve sight distance.

Purpose and Need

The Tuolumne County Roads Division of the Community Resources Agency compiles accident data records from the California Highway Patrol and Tuolumne County Sheriff, to perform continual monitoring and in-house analysis of "problem" locations where multiple accidents occur. This record gathering, monitoring, and analysis covers the entire Tuolumne County jurisdiction of County-maintained roads, and also includes incident data from state highways within the County.

Over the last decade, the intersection of State Route 49 and Shaws Flat Road has had many motor vehicle accidents; particularly, broadside and rear end accidents. The County aims to reduce the accident rate by analyzing and strategically improving the intersection.

Strategic Plan Goals

Traffic Safety Improvement

Funding Sources

Highway Safety Improvement Project (90% project costs) and local funds (10% project costs)

Total Project Cost: \$113,700

Current Phase

Preliminary Engineering is underway. NEPA clearance is achieved; CEQA clearance pending.

Anticipated Year of Construction: July 2019

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

HWY 120 Detour Maintenance Repairs (Jacksonville Road Chipseal)

Project No. 1716
Federal Project No. N/A

Description

The proposed project will maintain the existing road by use of a rubberized asphalt chipseal Jacksonville Road (Hwy 120 to Stent Road), Algerine Road (Stent Road to Campo Seco), Campo Seco (Algerine Road to Seco Street), and Seco Street (Campo Seco to Main Street). The project is partially funded by the CalRecycle Rubberized Pavement Grant Program and will divert approximately 7,000 California waste tires from the waste stream.

Purpose and Need

Preventative maintenance and repair damages caused by Caltrans Highway 120 detour route.

Strategic Plan Goals

Pavement Management Program

Funding Sources

Caltrans Hwy 120 Detour Funds; Calrecycle Rubberized Asphalt Grant; Road Maintenance and Rehabilitation Account (SB1) Funds.

Total Project Cost: \$970,410

Current Phase

Construction is ascheduled to take place in Spring 2019.

Anticipated Year of Construction: June 2018

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Kewin Mill Road Reconstruction Project

Project No. 1730
Federal Project No.

Description

The proposed project will repair Kewin Mill Road from Broken Pine Road to High Grade Lane (0.94 miles). Consultant firm, Nichols Consulting Engineers, will be providing roadway analysis to determine recommended treatment.

Purpose and Need

The current Pavement Condition Index (PCI) for the County is 33. A goal of the Board of Supervisors is to improve transportation infrastructure by facilitating a Pavement Management Program.

Strategic Plan Goals

2018-19 Road Maintenance and Rehabilitation Act List

Funding Sources

Road Maintenance and Rehabilitation Account (RMRA)

Total Project Cost: \$342,000

Current Phase

Consultant has been selected to provide Preliminary Engineering.

Anticipated Year of Construction: June 2020

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Tuolumne Road North Surface Treatment Project

Project No. 1729
Federal Project No.

Description

The proposed project will repair Tuolumne Road North from Ponderosa Way to State Route 108 (3.45 miles). Consultant firm, Nichols Consulting Engineers, will be providing roadway analysis to determine recommended treatment.

Purpose and Need

The current Pavement Condition Index (PCI) for the County is 33 out of 100, categorized as "Poor." A goal of the Board of Supervisors is to improve transportation infrastructure by facilitating a Pavement Management Program.

Strategic Plan Goals

2018-19 Road Maintenance and Rehabilitation Act List

Funding Sources

Road Maintenance and Rehabilitation Account (RMRA)

Total Project Cost: \$1,279,405

Current Phase

Consultant has been selected to provide Preliminary Engineering.

Anticipated Year of Construction: June 2020

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Standard Road Surface Treatment

Project No. 1731
Federal Project No.

Description

The proposed project will repair Standard Road from Mono Way to Camage Avenue (1.43 miles). Consultant firm, Nichols Consulting Engineers, will be providing roadway analysis to determine recommended treatment.

Purpose and Need

The current Pavement Condition Index (PCI) for the County is 33. A goal of the Board of Supervisors is to improve transportation infrastructure by facilitating a Pavement Management Program.

Strategic Plan Goals

2018-19 Road Maintenance and Rehabilitation Act List

Funding Sources

Road Maintenance and Rehabilitation Account (RMRA)

Total Project Cost: \$560,000

Current Phase

Consultant has been selected to provide Preliminary Engineering.

Anticipated Year of Construction: August 2020

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
druby@co.tuolumne.ca.us

Tuolumne Road Surface Treatment

Project No. 1722
Federal Project No.

Description

The proposed project will repair Tuolumne Road from Mono Way to Tuolumne Road North (6.97 miles). Consultant firm, Nichols Consulting Engineers, will be providing roadway analysis to determine recommended treatment.

Purpose and Need

The current Pavement Condition Index (PCI) for the County is 33. A goal of the Board of Supervisors is to improve transportation infrastructure by facilitating a Pavement Management Program.

Strategic Plan Goals

Mitigate traffic impacts to Tuolumne Road as a result of development projects.

Funding Sources

Mitigation Fund; SB1 RMRA

Total Project Cost: \$1,160,000

Current Phase

Consultant has been selected to provide Preliminary Engineering services.

Anticipated Year of Construction: May 2020

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
dzitnik@co.tuolumne.ca.us

Marshes Flat Road at First and Second Creek Storm Damage

Project No. 1723-02
Federal Project No.

Description

Marshes Flat Road is a residential local road linking State Route 132 near the community of Lake Don Pedro with Highway 49 near Moccasin. This project will replace culverts damaged at the first and second creek crossings damaged during 2018 storms and repair failed sections of roadway.

Purpose and Need

A heavy storm event on March 21 - March 23, 2018, excess rainfall, flooding and storm surge caused widespread damage in Tuolumne County. The storm surge and flooding caused debris flow, culvert damage, roadway and embankment loss.

Strategic Plan Goals

2018 Storm Damage Repair. Access route for rural communities.

Funding Sources

Total Project Cost: \$1,115,308

Current Phase

Anticipated Year of Construction: April 2020

Project Contact

Blossom Scott-Heim, P.E.
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
bscott-heim@co.tuolumne.ca.us

Kewin Mill Road at Belleview Elementary Emergency Culvert Replacement Project

Project No. 1734
Federal Project No.

Description

Replace storm damage culvert and roadway.

Purpose and Need

Kewin Mill Road, the only county-maintained ingress/egress for Cedar Ridge, failed during storms the week of February 25, 2019.

Strategic Plan Goals

Replace culvert and roadway under emergency contract.

Funding Sources

State/Local SB1

Total Project Cost: \$613,500

Current Phase

Anticipated Year of Construction: TBD