

CAPITAL IMPROVEMENT PLAN

2025 ANNUAL UPDATE



Dog Bar Bridge

County of Nevada
Community Development Agency
Department of Public Works
2024-2025 thru 2028-2029

COUNTY OF NEVADA COMMUNITY DEVELOPMENT AGENCY

DEPARTMENT OF PUBLIC WORKS

CAPITAL IMPROVEMENT PLAN

2025 ANNUAL UPDATE

FISCAL YEAR 2024/25 THRU 2028/29

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Section 1. Introduction

EXECUTIVE SUMMARY

This Capital Improvement Plan (CIP) has been prepared to provide the County of Nevada (County) Board of Supervisors (BOS) and the community with an outline of capital improvement expenditures and revenue projections. This year's CIP represents a five-year, \$121 million program from July 2025 thru June 2029.

Gas tax and General Fund Maintenance of Effort (MOE) constitute the primary discretionary funding sources for the County's road maintenance activities. Over the past 5 years Gas Tax and General Fund Maintenance of Effort funds have been stable, and predictable. These funds have averaged an increase of 6.4% per year over the past 5 years; including Road Maintenance and Rehabilitation Act funds (RMRA), however construction costs have been increasing by as much as 13% a year eroding our ability to maintain roads and infrastructure.

RMRA funds are projected to average approximately \$4.7 million annually over the next five years to Nevada County for road safety, maintenance, and improvement projects.

The long-term prognosis for the CIP's fund balance projections is steady as the County receives Gas Tax and RMRA funds. However, with the recent increases in inflation, both construction materials and operating costs will increase, consequently reducing the amount of work to be completed based on the available funds. The increase in gasoline and diesel prices, combined with the increase in alternatively fueled vehicles will reduce the number of gallons sold, thereby, reducing the road fund revenues. We will continue to monitor funds moving forward, and staff anticipates maintaining a reasonable fund balance in future fiscal years.

Although economic indicators are uncertain, we continue to see robust state and federal grant funding for capital projects. In this plan, the County expects to receive approximately \$51 million in state and federal grants for a variety of transit, roadway safety, bridge, and road maintenance projects. Additional grant funds have been applied for from the Federal Emergency Management Agency and Community Development Block Grant (CDBG), Highway Bridge Program (HBP) and the Highway Safety Improvement Program (HSIP) for roadway related improvements. Additional grants for vegetation management will be applied for as opportunities arise.

At the end of Fiscal Year 24/25 and again in 25/26, the Roads Internal Services Fund (ISF) is scheduled to have limited funds to allow purchases of much needed equipment to assist with road maintenance. In order to keep up the regulatory requirements and replace outdated equipment, priority equipment and vehicle purchases are proposed in this CIP. Despite the addition of some priority road maintenance equipment, the County's over all pavement condition index (PCI) is currently 62 and will continue to drop by approximately 1 point per year given the current funding. Next year it is anticipated that the PCI will drop below the Board adopted minimum of 62.

PLAN ORGANIZATION

This document has been developed to identify the County's priority road safety, maintenance, and capital improvement activities over a five-year period. Project sheets are included to provide the BOS and the public with relevant project information, including project locations, descriptions, justification, anticipated construction dates, project costs, and funding sources. In addition, fiscal year financial pro forms are included to provide additional details.

SUMMARY OF THE MAJOR REVENUE SOURCES

Road funding is typically broken down into two categories – discretionary funds and restricted funds. Discretionary funds are unrestricted and can be used for a variety of road safety and maintenance activities and improvement projects. This includes funding sources like Gas Tax or General Fund MOE. Restricted revenues are utilized for specific projects or activities and cannot be used for other activities. Local Traffic Mitigation Fees (LTMF) and Federal Grants are examples of restricted fund revenues. A description of each funding source is provided below.

Discretionary Funds

Gas Tax: Gas Tax funds (also referred to as Highway User Tax Account (HUTA) are the primary source of discretionary funding for the road maintenance program. These funds typically provide for shoulder and drainage work, road vegetation control, general maintenance (pothole repair, snow removal, crack sealing, pavement failure repairs, etc.), equipment purchases, road preservation, and maintenance projects like overlays.

General Fund Maintenance of Effort (MOE): In June 2017, the BOS adopted a funding program from General Fund MOE revenue. General Fund MOE revenues were established as baseline funding and are subject to annual inflationary adjustments. As a result, General Fund MOE is a predictable and stable source of revenue. These funds are used for road maintenance activities and as a local match on state and federal grant projects.

Regional Surface Transportation Program (RSTP): RSTP funds can be used for a variety of road maintenance activities including road preservation, shoulder maintenance, dirt and gravel road maintenance, and annual striping replacement. The County receives an allocation of funds each year from the Nevada County Transportation Commission (NCTC), and this is considered a stable source of revenue; however, the County must request these funds from NCTC annually.

State Exchange: State Exchange funds are allocated to counties on an annual basis based on an apportionment of Federal Regional Surface Transportation Program (RSTP) funds. Exchange of these federal dollars for state dollars allows for increased flexibility in the use of these funds to complete transportation projects. Like RSTP, State Exchange funds must be used for transportation purposes but are not subject to federal funding restrictions and, as such, these funds are used for a variety of road maintenance activities. State Exchange funds are also used as matching funds on a variety of projects, and the County is able to leverage an average of approximately \$20 in state and federal funding for every \$1 used as a local match on a grant project. These projects deliver an array of valuable improvements, such as bridge repairs and replacements, high friction surface treatments, thermoplastic striping, sign audits, etc. which help reduce our future maintenance demands.

Roads Internal Service Fund (ISF): The Roads ISF was established in 2020 to fund the vehicle and equipment replacement fund for the Roads Division.

Other: This includes minimal Federal Forest Reserve funds and one-time revenues.

Restricted Funds

Grants: County staff regularly apply for, and the County receives grant funding from a variety of sources. This includes from the Highway Safety Improvement Program (HSIP), Highway Bridge Program (HBP), Congestion Mitigation and Air Quality (CMAQ) improvement program, and the Community Development Block Grants (CDBG), among others. These programs help fund much needed roadway safety projects, bridge replacement and rehabilitation projects, congestion and air quality improvement projects, and projects that improve accessibility to

federal properties. In addition, other one-time grants can help augment road safety, vegetation and tree removal, and a myriad of other County public works activities.

Road Maintenance and Rehabilitation Account (RMRA): In April 2017, Governor Brown signed SB1 into law. SB1 results in an average total increase of approximately \$4.7 million annually over the next five years for Nevada County for road safety, maintenance, and improvement projects. SB1 is intended to stabilize HUTA revenue and includes annual inflationary adjustments to ensure long-term fiscal solvency of gas tax revenues. As a result, RMRA revenues have become a stable revenue source.

RMRA funds require the County to submit a list of all projects proposed to be funded by July 1st of each year. The list must include a description and the location of each proposed project, a proposed schedule for the project’s completion, and the estimated useful life of the improvement and is included in this CIP. Annual reports of expenditures are due December 1st of each year. All reports are available online at <http://catc.ca.gov/reports-resources>.

County Service Area (CSA)/Permanent Road Division (PRD): CSA’s and PRD’s are special districts established at the request of property owners that include annual assessments for road maintenance activities. These annual assessments are included on annual property tax bills as a special parcel charge. Funds collected for a CSA or PRD can only be spent on roads and activities within that particular special district.

Development Fees – The Local Traffic Mitigation Fee Program (LTMF) and Regional Transportation Mitigation Fee (RTMF) collects fees from local development to pay for improvements necessary to offset the cumulative net impacts from these developments. Only projects identified in the LTMF and RTMF programs are eligible for these funds.

Other – This includes trust funds, one-time project specific revenues, etc.

SUMMARY OF MAJOR CIP EXPENDITURES

The total projected expenditures for FY 25-26 are projected to be \$40,142,909 (including Solid Waste and Transit projects).

Capital Projects constitute 55% of total CIP expenditures. Table 1 includes the following expenditures:

TABLE 1: CAPITAL PROJECT EXPENDITURES

CATEGORY	AMOUNT	FUNDING SOURCES
Bridge Projects	\$15,580,753	Federal Grants, General Fund MOE, Gas Tax
Development Fee Projects	\$583,735	Federal Grant, to be supplemented with LTMF in later years
Safety Projects	\$450,000	Gas Tax, Federal Grants
Other	\$5,096,375	State Grant, Solid Waste Funds and Rule 20(a)
TOTAL	\$21,710,863	

Maintenance constitutes 37% of total CIP expenditures. Table 2 includes the following expenditures:

TABLE 2: MAINTENANCE EXPENDITURES

CATEGORY	AMOUNT	FUNDING SOURCES
Roadway Preservation	\$2,438,189	Gas Tax and RMRA, CSA/PRD
Drainage and Shoulder Maintenance	\$1,251,450	Gas Tax and RMRA
Vegetation Control	\$1,809,333	Gas Tax, CDBG Grant funds, Brush Clearing Safety Grant funds (FEMA), and RMRA
General Maintenance	\$7,769,686	Gas Tax, General Fund MOE, RSTP, RMRA, CSA/PRD and Trust Funds
Equipment Program	\$1,750,000	General Fund MOE, Roads ISF
TOTAL	\$15,018,658	

Overhead constitutes the remaining 8% of total CIP expenditures. Table 3 includes the following expenditures:

TABLE 3: OVERHEAD EXPENDITURES

CATEGORY	AMOUNT	FUNDING SOURCES
701 – Road Admin	\$1,977,774	Gas Tax, General Fund MOE, and CSA/PRD
702 – Engineering	\$1,174,665	Gas Tax, General Fund MOE, State Exchange, and CSA/PRD
703 - Maintenance	\$0 (Distributed into projects)	Gas Tax, General Fund MOE, RMRA and CSA/PRD
TOTAL	\$3,152,439	

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ROAD MAINTENANCE AND REHABILITATION PROGRAM

PROJECT DESCRIPTION: This 5-year road maintenance and rehabilitation plan will resurface or repave roads throughout Nevada County, including County Service Areas, and Permanent Road Divisions (CSA/PRD). Roads are selected and prioritized based on the County's Pavement Management System to ensure revenues are being used on the most high-priority and cost-effective projects that also meet the community's priorities for transportation investment. The plan includes various potential pavement preservation and replacement techniques.

This plan also outlines roads where the County Road crews are scheduled to perform brush clearing. Additional brush clearing efforts are outlined in other projects. It is anticipated that between 2025-2028 the vegetation removal services will be performed by both County Road Crew and outside contractors to increase the overall amount of vegetation removal.

PROJECT LOCATION: The following locations are tentatively scheduled for road maintenance and rehabilitation in Fiscal years 2025 thru 2029:

Various locations including but not limited to:

2025 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
MCCOURTNEY RD	GRASS VALLEY CO	POLARIS DR
MCCOURTNEY RD	INDIAN SPRINGS RD	LUCKY NUGGET LN
MCCOURTNEY RD	LUCKY NUGGET LN	CHAMPAGNE
RUTHERFORD RD	SERENE HILL CT	MAGNOLIA RD
SCOTTS DR	THOUOUGHNBRED LP	END
CURTIS LN	HIDDEN VALLEY RD	KEVIN LN

2025 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

ROAD	FROM	TO
N. BLOOMFIELD	EDWARDS	LAKE CITY RD
WOLF RD	HWY 49	LIME KILN RD
PURDON RD	YUBA BRIDGE	TYLER FOOTE CROSS
YOU BET RD	HWY 174	RED DOG RD
TYLER FOOTE CROSSING	ANONDA WAY	LAKE CITY RD
MAGNOLIA RD	COMBIE RD	SIDE BET RD
DOG BAR RD	MAGNOLIA RD	BEAR RIVER BRIDGE

2026 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
DUGGANS RD	WOLF RD	LIME KILN RD
GREENHORN ACCESS RD	HWY 174	END COUNTY MAINT.
GREENHORN RD	BRUNSWICK RD	END COUNTY MAINT.
LAKWOOD LN	HWY 174	END COUNTY MAINT.
TYLER FOOTE CROSSING	HWY 49	CRUZON GRADE RD

WOLF RD	HWY 49	LIME KILN RD
YOU BET RD	HWY 174	RED DOG RD
AILEEN WAY	PATRICIA WAY	ALEXANDRA WAY
GENEVA CT	WALLIS DR	END
GRACE CT	AILEEN WAY	END
JAMIE LEE CT	AILEEN CT	END
JON ERIC CT	ALEXANDRA WAY	END
PATRICIA WAY	ALEXANDRA WAY	AILEEN WAY
PENNY CT	PATRICIA WAY	END
RUTH CT	AILEEN WAY	END
TROY CT	PATRICIA WAY	END
WALLIS DR.	PATRICIA WAY	PATRICIA WAY
NORLENE WAY	ALEXANDRA WAY	PATRICIA WAY
JODY CT	NORELEN WAY	END
SHANA WAY	PATRICIA WAY	END
VIRGINIA WAY	PATRICIA WAY	PATRICIA WAY
ANONA CT	PATRICIA WAY	END

2026 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

ROAD	FROM	TO
BANNER LAVA CAP RD	NEVADA CITY HWY	RED DOG RD
BITNEY SPRINGS RD	MYSTIC MINE RD	PLEASANT VALLEY RD
MOONEY FLAT RD	HWY 20	PLEASANT VALLEY RD
RED DOG RD	BOULDER ST	MURCHIE MINE RD

2027 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
DONNER PASS RD	PLACER CO. LINE	1-80 SODA SPRINGS
SODA SPRINGS RD	DONNER PASS RD	PLACER CO. LINE
COYOTE ST	NEVADA CITY LIMITS	N. BLOOMFIELD RD
MILLS RD	ROUGH & READY HWY	END COUNTY MAINT.

2027 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

ROAD	FROM	TO
IDAHO MARYLAND RD	GV CITY LIMITS	BANNER LAVA CAP
WASHINGTON RD	HWY 20	MP 3
MAGNOLIA RD	COMBIE RD	DOG BAR RD
MAYBERT RD	WASHINGTON RD	CANYON CREEK BRIDGE
PLEASANT VALLEY RD	PENN VALLEY DR	BITNEY SPRINGS RD
BANNER QUAKER HILL	BANNER LAVA CAP	PASQUALE RD
TAYLOR CROSSING RD	DOG BAR RD	END COUNTY MAINT.
DOG BAR RD	WHEELER CROSS RD	MOUNT OLIVE RD
WEST DR	ROUGH & READY HWY	END
SUNSET AVE	WEST DR	EAST DR
EAST DR	ROUGH & READY HWY	END COUNTY MAINT.

2028 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
MOUNT OLIVE	HWY 174	MIRANDA DR
DUGGANS RD	WOLF RD	LIME KILN RD
WOLF RD	DUGGANS RD	LIME KILN RD
TYLER FOOTE CROSSING	HWY 49	ANANDA WAY
JONES BAR RD	NEWTOWN RD	END COUNTY MAINT.
ROUGH & READY RD	PIONEER RD	END COUNTY MAINT.
ROUGH & READY HWY	ROUGH & READY RD	HWY 20

2028 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

ROAD	FROM	TO
YOU BET RD	HWY 174	END COUNTY MAINT.
TYLER FOOTE CROSSING	HWY 49	GRIZZLY RIDGE
NORTH BLOOMFIELD	HWY 49	EDWARDS CROSSING BRIDGE

2029 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
PLEASANT VALLEY RD	BITNEY SPRINGS RD	BRIDGEPORT
SCOTTS FLAT RD	HWY 20	END COUNTY MAINT
LOMA RICA RD	BRUNSWICK RD	END COUNTY MAINT
BRUNSWICK RD	GV LIMITS	GREENHORN

2029 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

ROAD	FROM	TO
ALTA SIERRA DR	HWY 49	DOG BAR RD
BIRCHVILLE RD	HWY 49	PLEASANT VALLEY RD
BRUNSWICK RD	REDBUD RD	HWY 174
COMBIE RD	HWY 49	MAGNOLIA RD
EAST BENNETT RD	LA BARR MEADOWS	GV CITY LIMITS
GRACIE RD	NC CITY LIMITS	BANNER LAVA CAP
GREENHORN ACCESS RD	HWY 174	END COUNTY MAINT.
GREENHORN RD	BRUNSWICK RD	END COUNTY MAINT.
NEWTOWN RD	HWY 49	BITNEY SPRINGS RD
WASHINGTON RD	MP3	MAYBERT RD
MAYBERT RD	WASHINGTON RD	CANYON CK.
TAYLOR CROSSING RD	DOG BAR RD	END COUNTY MAINT.

SCHEDULE FOR COMPLETION: It is anticipated that each project listed above will be completed before the end of the fiscal year in which the project is identified.

ESTIMATED USEFUL LIFE: Many factors can affect a payment’s useful life, including the quality of the subgrade, drainage conditions, traffic loads etc. Typically, Nevada County expects a 10-15-year useful life out of pavement overlay, and a 2–4-year useful life of a micro-surface.

PROJECT COST ESTIMATE (including administration costs)

Item	Funding Source	Cost	Total Annual Cost
2025 Rehab	RMRA/CSA-PRD	\$1,439,387	\$12,273,752
2025 Brushing	RMRA/CDBG	\$1,846,539	
2025 Shoulders	RMRA	\$1,215,000	
2025 Gen. Maint.	RMRA/OTHER	\$7,772,826	
2026 Rehab	RMRA	\$2,438,189	\$13,268,658
2026 Brushing	RMRA/CDBG	\$1,809,333	
2026 Shoulders	RMRA	\$1,251,450	
2026 Gen. Maint.	RMRA	\$7,769,686	
2027 Rehab	RMRA/CSA-PRD	\$2,379,480	\$13,130,227
2027 Brushing	RMRA/CDBG	\$1,521,133	
2027 Shoulders	RMRA	\$1,288,994	
2027 Gen. Maint.	RMRA	\$7,940,620	
2028 Rehab	RMRA/CSA-PRD	\$1,232,328	\$12,435,194
2028 Brushing	RMRA/OTHER	\$1,759,888	
2028 Shoulders	RMRA	\$1,327,664	
2028 Gen. Maint.	RMRA	\$8,115,314	
2029 Rehab	RMRA/CSA-PRD	\$1,235,239	\$13,650,256
2029 Brushing	RMRA/OTHER	\$1,376,836	
2029 Shoulders	RMRA	\$1,367,494	
2029 Gen. Maint.	RMRA	\$8,293,851	
TOTAL			\$64,758,087

SUPERVISORIAL DISTRICT: All

RECOMMENDATION: None

ANNUAL TRAFFIC STRIPING PROGRAM



PROJECT LOCATION: Various locations throughout Nevada County. Roads are typically broken up into two phases. Phase 1 typically includes higher elevation roads and roads in eastern Nevada County, while Phase 2 includes all other western Nevada County roads.

PROJECT DESCRIPTION: Centerline and edge line striping on various sections of County maintained roads per striping program schedule.

PROJECT JUSTIFICATION: To maintain the County roadways, the Department repaints the centerline and edge line stripes on an annual basis.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025	RSTP/HUTA	\$250,000
2026	RSTP	\$250,000
2027	RSTP	\$250,000
2028	RSTP	\$250,000
2029	RSTP	\$250,000
TOTAL		\$1,250,000

SUPERVISORIAL DISTRICT: All

RECOMMENDATION: Fund annually

DONNER PASS ROAD SLOPE MONITORING PROJECT



PROJECT LOCATION: Donner Pass Road – East of Donner Summit

PROJECT DESCRIPTION: Monitor rock slippage and slough on rock slopes adjacent to Donner Pass Road.

PROJECT JUSTIFICATION: The project provides for monitoring rock movement along the section of Donner Pass Road where a rock fall occurred in June of 2023.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
Continual	HUTA	\$40,000
TOTAL		\$40,000

SUPERVISORIAL DISTRICT: V

RECOMMENDATION: Project is ongoing

FEMA BRUSH CLEARING- RIGHT-OF-WAY SAFETY PROJECT

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The County of Nevada Office of Emergency Services (OES) has been awarded a grant which has identified 140 miles of roadway that will undergo right-of-way identification and vegetation management that will help slow the spread of wildfires, while enabling a quick effective fire suppression response through ingress of firefighting equipment while allowing travelers egress on the same roadways. County Office of Emergency Services and Public Works are working jointly on this project.

PROJECT JUSTIFICATION: The objective is to identify roadway location within the County right-of-way to help identify limits used to reduce vegetation along the roadside of various County roads.

APPROXIMATE PROJECT COST ESTIMATE*

Construction Year	Funding Source	Cost
2025	OES/FEMA	\$430,000
2026	OES/FEMA	\$430,000
2027	OES/FEMA	\$430,000
TOTAL		\$1,290,000

SUPERVISORIAL DISTRICT: I, II, III, IV, V

RECOMMENDATION: Complete project annually

*Project funds have been allocated to OES and are not shown in Public Works budgets.

COMBIE ROAD MULTI-PURPOSE TRAIL PROJECT



PROJECT LOCATION: Adjacent to Combie Road

PROJECT DESCRIPTION: The County of Nevada is proposing to place a multi-purpose trail adjacent to Combie Road between W. Hacienda Drive and Higgins Road.

PROJECT JUSTIFICATION: The project provides a safe non-vehicular access from the existing pedestrian facility at the Combie/West Hacienda intersection to the Higgins area developments.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025	CMAQ/Grants	\$1,304,746
	LTMF/Other	\$14,093
	State Exchange	\$101,107
TOTAL		\$1,474,576

SUPERVISORIAL DISTRICT: II

RECOMMENDATION: Project Scheduled for Construction in Spring 2025

COMBIE ROAD SIGNAL & WIDENING PROJECT



PROJECT LOCATION: Combie Road from Cascade Crossing to Bear River High School

PROJECT DESCRIPTION: The County of Nevada is proposing to improve the traffic signals and widen Combie lane from Cascade Crossing to Bear River High School.

PROJECT JUSTIFICATION: The project provides for widening Combie Road to four lanes from Cascade Crossing to Lake of the Pines and improving the traffic signals to improve traffic flow in the area.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2028	TBD	\$ 4,000,000
	Development Fees	\$520,000
TOTAL		\$4,520,000

SUPERVISORIAL DISTRICT: II

RECOMMENDATION: Project Scheduled for Construction in Summer 2028

HIRSCHDALE ROAD AT TRUCKEE RIVER BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Hirschdale Road East of Glenshire Drive.

PROJECT DESCRIPTION: This bridge on Hirschdale Road at the Truckee River has been identified as being seismically and structurally substandard. This project scope is expected to replace the existing piers and replace the existing superstructure (deck) and abutments. The bridge width will be narrowed to support lower traffic volumes and mixed vehicle, pedestrian, and bicycle usage.

PROJECT JUSTIFICATION: Caltrans monitoring reports have determined that the bridge is considered structurally deficient. In addition, the bridge is currently considered seismically unstable. The County was awarded Highway Bridge Program (HBP) funding to seismically retrofit and rehabilitate the existing bridge.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025-2026	Federal (HBP)	\$13,484,447
	General Fund MOE	\$33,816
	State Exchange	\$345,411
	1114 Misc.	\$20,107
TOTAL		\$13,883,780

SUPERVISORIAL DISTRICT: V

RECOMMENDATION: Project Scheduled for Construction in Spring 2025 - Fall 2026

**HIRSCHDALE ROAD AT UPRR HINTON OVERHEAD
BRIDGE REPAIR PROJECT**



PROJECT LOCATION: Hirschdale Road west of Hinton Road.

PROJECT DESCRIPTION: Both bridges on Hirschdale Road at the Truckee River and at the Union Pacific Railroad (UPRR) Bridge have been identified as being seismically and structurally substandard. This project scope includes seismic retrofit of the existing piers and superstructure. This work will include deck rehabilitation, overhang removal with barrier installation and conversion to a one-lane bridge, installation of pipe/cable restrainers and shear key installation to address seismic deficiencies.

PROJECT JUSTIFICATION: Caltrans monitoring reports have determined that the bridge is in a state of deterioration and is considered seismically unstable. The County was awarded Highway Bridge Program (HBP) funding to seismically retrofit and rehabilitate the existing bridge.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025-2026	Federal (HBP)	\$4,285,753
	General Fund MOE	\$3,027
	State Exchange	\$132,052
TOTAL		\$4,420,831

SUPERVISORIAL DISTRICT: V

RECOMMENDATION: Project Scheduled for Construction in Spring 2025 - Fall 2026

N. BLOOMFIELD RD AT S. YUBA RIVER BRIDGE EVALUATION PROJECT



PROJECT LOCATION: North Bloomfield Road at S. Yuba River.

PROJECT DESCRIPTION: This bridge – commonly referred to as “Edwards Crossing” - was built in 1904 and is a historic structure with a large span over the South Yuba River. The site is also a popular recreation facility. This bridge is structurally deficient and currently has a weight restriction due to its structural limitations. The Federal HBP program provides reimbursable funds for 100 percent of eligible project costs. The project will evaluate various replacement scenarios before moving forward with project design and construction.

PROJECT JUSTIFICATION: The project will provide a safe permanent crossing over the South Yuba River on North Bloomfield Road since the existing structure is structurally deficient.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2028	Federal (HBP)	\$5,524,353
	State Exchange	\$153,641
	General fund MOE	\$2,417
TOTAL		\$5,680,411

SUPERVISORIAL DISTRICT: I, IV, V

RECOMMENDATION: Project is scheduled for construction in 2028

DOG BAR ROAD AT BEAR RIVER BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Dog Bar Road at Bear River Bridge – south of Magnolia Road.

PROJECT DESCRIPTION: The existing bridge is located on Dog Bar Road at the Bear River (Nevada-Placer County Line). The existing bridge was constructed in 1935, rehabilitated in 2000, and is not considered historic. Although Nevada Irrigation District (NID) has tentative plans to construct the Centennial Dam which would relocate the river crossing, the Centennial Dam project construction date is unknown. Delays in constructing the dam project necessitate rehabilitation of the bridge.

PROJECT JUSTIFICATION: The purpose of the project is to provide a safe crossing over Bear River on Dog Bar Road since the existing structure is functionally obsolete. The existing steel girder structure with a steel deck is too narrow for the current and future traffic volumes.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025-26	Federal (HBP)	\$13,593,127
	State Exchange	\$58,544
	General Fund MOE	\$220
TOTAL		\$13,651,892

SUPERVISORIAL DISTRICT: II

RECOMMENDATION: Project scheduled to begin construction in Spring 2025 - Fall 2026.

RELIEF HILL RD AT HUMBUG CREEK BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Relief Hill Road at Humbug Creek

PROJECT DESCRIPTION: The County of Nevada is proposing to replace and widen the existing one lane timber deck bridge (Bridge No. 17C-0028) over Humbug Creek. The existing bridge was built in 1952 and is located on Relief Hill Road north of Nevada City. The structure is severely deteriorated and is considered structurally deficient.

PROJECT JUSTIFICATION: The project provides a safe permanent crossing over Humbug Creek and the existing structure is structurally deficient and the roadway is substandard. New structure will enhance the safety of the public. In addition, the project will resolve on-going maintenance and width issues.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2027	Federal (HBP)	\$1,411,850
	State Exchange	\$190,542
	General fund MOE	\$61,969
TOTAL		\$1,664,361

SUPERVISORIAL DISTRICT: I

RECOMMENDATION: Project scheduled to begin construction in 2027

ROCK CREEK ROAD AT ROCK CREEK BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Rock Creek Road at Rock Creek

PROJECT DESCRIPTION: The County of Nevada is proposing to replace and widen the existing one lane timber deck bridge (Bridge No. 17C-0057) over Rock Creek. The existing bridge was built in 1920 and is located on Rock Creek Road north of Nevada City. The structure is severely deteriorated and is considered structurally deficient.

PROJECT JUSTIFICATION: The project provides a safe permanent crossing over Rock Creek and the existing structure is structurally deficient and the roadway is substandard. In addition, the project will improve the safety of the public and resolve on-going maintenance and width issues.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2027	Federal (HBP)	\$2,489,650
	State Exchange	\$439,352
	General fund	\$67
TOTAL		\$2,929,679

SUPERVISORIAL DISTRICT: I

RECOMMENDATION: Project Scheduled for Construction in 2027.

DONNER PASS ROAD AT CASTLE CREEK BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Donner Pass Road at Castle Creek

PROJECT DESCRIPTION: The County of Nevada is proposing to replace the existing two-lane concrete deck bridge (Bridge No. 17C-0051) over Castle Creek. The existing bridge was built in 1920 and is located on Donner Pass Road east of Soda Springs Road.

PROJECT JUSTIFICATION: The project provides a safe permanent crossing over Rock Creek and the existing structure is structurally deficient and the roadway is substandard. In addition, the project will resolve on-going maintenance and width issues.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2027	Federal (HBP)	\$1,438,843
	HUTA	\$39,955
	State Exchange	\$319,168
TOTAL		\$1,797,966

SUPERVISORIAL DISTRICT: V

RECOMMENDATION: Project Scheduled for Construction in 2027.

BRIDGE MAINTENANCE AND REPAIR PROJECT

PROJECT LOCATION: Various bridges location throughout Nevada County

PROJECT DESCRIPTION: The project will identify, prioritize, and make minor repairs on various bridges throughout Nevada County as identified in the Caltrans bi-annual bridge reports. Work will include minor concrete repair, railing repair, and deck repairs.

PROJECT JUSTIFICATION: The County receives bi-annual bridge inspection reports from Caltrans identifying maintenance and repairs recommendations. Maintenance is required on these structures to protect the health and safety of the public and the integrity of the County's infrastructure.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025	CRRSAA Funds	\$185,000
TOTAL		\$185,000

SUPERVISORIAL DISTRICT: TBD

RECOMMENDATION: Project scheduled for construction in 2025

BITNEY SPRINGS ROAD BRIDGE REMOVAL



PROJECT LOCATION: Bitney Springs Road at Deer Creek

PROJECT DESCRIPTION: The County of Nevada is proposing to remove an existing, closed bridge. This bridge was removed from service in 1981 with the construction of a new bridge just upstream. The old bridge is in a state of disrepair and needs to be removed.

PROJECT JUSTIFICATION: The project removes an outdated closed bridge. The bridge is not capable of supporting vehicles and is closed to pedestrian traffic.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2026	General Fund MOE	\$250,000
TOTAL		\$250,000

SUPERVISORIAL DISTRICT: IV

RECOMMENDATION: Project Scheduled for Construction in 2026.

**RIDGE RD. AND ROUGH & READY HWY INTERSECTION
IMPROVEMENT PROJECT**



PROJECT LOCATION: Intersection of Ridge Rd. and Rough & Ready Highway

PROJECT DESCRIPTION: This project will evaluate a realignment of two three-legged, angled intersections, the Ridge Rd. and Rough & Ready Highway/Ridge Road intersection and the Rough & Ready Highway/Adam Avenue intersection, to one four-legged intersection, and construct a pedestrian trail from the round-a-bout to Vernon Way

PROJECT JUSTIFICATION: The primary benefits of this project are congestion relief, traffic calming, increase safety, and a reduction in existing and future traffic delays.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
TBD	Future Grants	\$5,092,196
	State Exchange	\$45,287
	General fund MOE	\$1,894
	Development Fees	\$1,090,030
TOTAL		\$6,229,408

SUPERVISORIAL DISTRICT: III

RECOMMENDATION: Project Scheduled to begin Construction: TBD

REGIONAL TRANSPORTATION PLAN ACTIVITIES PROJECT

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The Nevada County Transportation Commission (NCTC) partners with Nevada County for support of projects listed in the latest NCTC Overall Work Program. This project coordinates efforts of local, and state agencies, the general public, and private industries to impliment regional transportation activities.

PROJECT JUSTIFICATION: Nevada County partners with the NCTC to complete projects listed in the Overall Work Program including planning efforts to identify and plan policies, strategies, programs, and actions that maximize and implement the regional transportation infrastructure.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
Annual	Regional Transportation Planning	\$35,000
TOTAL		\$35,000

SUPERVISORIAL DISTRICT: All

RECOMMENDATION: Fund annually.

LOCAL TRAFFIC MITIGATION FEE PROGRAM PROJECT

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The Local Traffic Mitigation Fee (LTMF) program, administered by the County, was updated in 2023 and includes a number of future improvement and safety projects. In addition to the Ridge Road/Rough and Ready Highway Improvement Project, and Magnolia Road improvements, future projects scheduled for construction outside this 5-year CIP may include:

- Shoulder Widening and Safety Improvement Projects – Countywide.
- Roadway improvement projects- Countywide

PROJECT JUSTIFICATION: The Mitigation Fee Act, also known as California Assembly Bill 1600 (AB 1600) or Government Code Section 66000 et seq., governs imposing development impact fees in California. The Mitigation Fee Act requires that all local agencies in California, including counties, follow basic principles when instituting impact fees as condition of new development.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Current FY Cost
2026	LTMF	\$100,000
2027	LTMF	\$100,000
2028	LTMF	\$100,000
TOTAL		\$300,000

SUPERVISORIAL DISTRICT: All

RECOMMENDATION: Project scheduled for implementation in 2026.

TRANSIT SERVICES BUS WASH IMPROVEMENT PROJECT



PROJECT LOCATION: Future Nevada County Operations Center on La Barr Meadows Road

PROJECT DESCRIPTION: The project will construct a transit bus wash at the Nevada County Operations Center site on La Barr Meadows Road. The Transit Services Division contracted the design work with an engineering firm and coordinated with the Engineering Division to provide engineering support. Engineering prepared project plans, specifications, and cost estimates. Future work will include managing the project through construction and providing construction inspection and management services to deliver the project.

PROJECT JUSTIFICATION: The project will provide a needed modern bus washing system which will improve efficiencies for the Transit Services and Fleet Divisions.

PROJECT COST ESTIMATE

Construction Year	Cost	Funding Source	
2026-27	\$500,000	Prop 1B PTMISEA	\$500,000
	\$3,857,535	TBD	\$3,857,535
TOTAL		TOTAL	\$4,357,535

SUPERVISORIAL DISTRICT: All

RECOMMENDATION: Project is scheduled for construction in fall 2026.

NORTH SAN JUAN FIRE SUPPRESSION SYSTEM PROJECT



Photo simulation of proposed tank

PROJECT LOCATION: North San Juan

PROJECT DESCRIPTION: The project will result in construction of a fire suppression water storage tank, water mains and fire hydrants in the commercial core of North San Juan. The overall project will include formation of a new County Service Area and will identify a maintenance entity to enter into agreement with the County for maintaining the fire suppression system.

PROJECT JUSTIFICATION: This project was first identified as being necessary for public wildfire and evacuation safety as early as 2001 and has been in development since it was first mentioned in the 2010 North San Juan Area Plan.

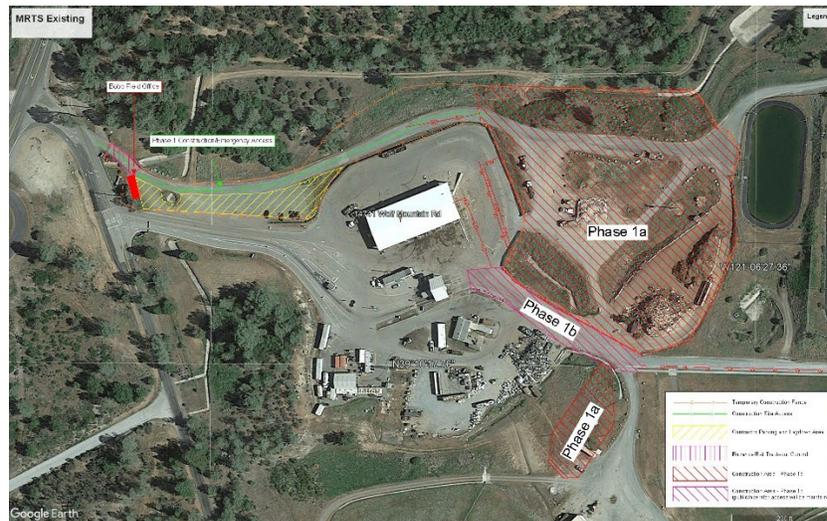
PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2026	TBD	\$378,319
	Future Grants/Earmark	\$2,601,917
TOTAL		\$2,980,236

SUPERVISORIAL DISTRICT: IV

RECOMMENDATION: Project Scheduled for Construction in 2026.

MCCOURTNEY ROAD TRANSFER STATION IMPROVEMENT PROJECT



PROJECT LOCATION: McCourtney Road at Wolf Mountain Road.

PROJECT DESCRIPTION: The project will construct improvements at the McCourtney Road Transfer Station (MRTS).

On February 7, 2023, per Resolution 23-073 the Board of Supervisors Awarded a contract between the County of Nevada and Bobo Construction, Inc. for construction of the McCourtney Road Transfer Station (MRTS) Improvement Project (Res. 21-540), in the amount of \$20,037,837 plus a ten percent contingency of \$2,003,784, for a total amount not to exceed \$22,041,621. This project broke ground on May 1, 2023, with completion schedule for Fall 2024. (<https://www.nevadacountyca.gov/3075/McCourtney-Rd-Transfer-Station-Renovatio>)

PROJECT JUSTIFICATION: The County has identified the need to improve efficiency of current operations at the MRTS and plan for projected growth in operations over the next 25 years. Some of the current issues or conditions at the existing facility are:

- During peak times traffic backups can occur throughout the site, including at the main entry, scales, the Municipal Solid Waste (MSW) drop off area, and the recycling drop off area.
- The MSW building is not an enclosed structure and therefore creates issues onsite (litter/dust) and with the neighbors of the facility (noise). The County is interested in reducing neighborhood impacts as well as developing a more aesthetically pleasing facility.
- Currently the facility is operationally inefficient and needs upgrades to existing equipment and structures to improve functionality, including traffic flow. In addition, improvements to the MSW building are desired in order to increase capacity and create a better loading and compaction area for the long-haul trucks and the ability of self-haul customers to drop off their refuse more safely and efficiently.

The facility will also be designed to meet new organic waste diversion requirements as mandated by AB 1826 and SB 1383.

PROJECT COST ESTIMATE – PRELIMINARY ENGINEERING

Construction Year	Funding Source	Cost
Costs – FY 19/20	Solid Waste	\$175,715
Costs – FY 20/21	Solid Waste	\$1,000,000
Costs – FY 21/22	Solid Waste	\$557,099
Costs – FY 22-23	Solid Waste	\$1,852,639
Costs- FY 23-24	Solid Waste	\$12,412,152
Costs-FY 24-25	Solid Waste	\$9,0714,275
TOTAL		\$24,871,880

SUPERVISORIAL DISTRICT: IV

RECOMMENDATION: Project is currently under construction

TINLOY TRANSIT CENTER CHARGING INFRASTRUCTURE PROJECT



PROJECT LOCATION: Tinloy Transit Center

PROJECT DESCRIPTION: The project will construct infrastructure charging equipment, including an on-route fast charger at the Tinloy Street transit center, for use by electric buses. The Transit Services Division is contracting the design work and coordinating with the Engineering Division to provide engineering support. Engineering is preparing project plans, specifications, and cost estimates. Future work will include managing the project through construction and providing construction inspection and management services to deliver the project.

PROJECT JUSTIFICATION: The project is needed to be able to charge the two new low-floor battery electric zero emission transit buses which are being purchased to meeting California Air Resources Board (CARB) fleet requirements.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025	SB125 Funds	\$2,806,537
TOTAL		\$2,806,537

SUPERVISORIAL DISTRICT: All

RECOMMENDATIONS: Project Scheduled for Construction in Spring 2025.

CORP YARD SLOW CHARGER PROJECT – PHASE 2



PROJECT LOCATION: Nevada County Operations Center on La Barr Meadows Road

PROJECT DESCRIPTION: The project will include constructing additional infrastructure and charging equipment, including overnight trickle chargers for the bus yard for use by electric buses. The Transit Services Division may contract the design work or coordinate with the Engineering Division to provide engineering support. Engineering may prepare project plans, specifications, and cost estimates, manage the project through construction and provide construction inspection and management services to deliver the project.

PROJECT JUSTIFICATION: The project is needed to be able to charge the two new low-floor battery electric zero emission transit buses which are being purchased to meeting California Air Resources Board (CARB) fleet requirements.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2026	SB125	\$2,913,408
TOTAL		\$2,913,408

SUPERVISORIAL DISTRICT: All

RECOMMENDATIONS: Project Scheduled for Construction in Fall 2026.

RULE 20 UTILITY UNDERGROUNDING PROJECT



PROJECT LOCATION: Red Dog Road.

PROJECT DESCRIPTION: The project will include placement of conduits for broadband infrastructure, and potentially pedestrian and/or bicycle amenities along Red Dog Road from Boulder Street to approx. Pasquale. PG&E will be the lead design on this project.

PROJECT JUSTIFICATION: The County has approximately \$6,100,000 in Rule 20A credits that are to be used for the undergrounding of existing utility lines.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2028-2029	Rule 20A Credits	\$5,804,008
TOTAL		\$5,804,008

SUPERVISORIAL DISTRICT: I

RECOMMENDATION: Project Scheduled for Construction in 2028.

TRANSIT SERVICES BUS STOP IMPROVEMENT PROJECTS



PROJECT LOCATION: Misc. locations throughout Nevada County

PROJECT DESCRIPTION: The project will update existing bus stops to bring them into compliance with ADA regulations.

PROJECT JUSTIFICATION: The project will provide ADA access to transit users.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2025/26	Prop 1B PTMISEA	\$100,000
TOTAL		\$100,000

SUPERVISORIAL DISTRICT: All

RECOMMENDATION: Project is scheduled for construction in Fall 2025/Spring of 2026.

ALTA STREET SIDEWALK PROJECT



PROJECT LOCATION: Adjacent to Alta Street

PROJECT DESCRIPTION: The County of Nevada is proposing to place a sidewalk along Alta Street between Alta Vista and Alta Vista.

PROJECT JUSTIFICATION: The project provides a safe non-vehicular access along Alta Steet in Grass Valley.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2028	TBD	\$1,400,000
TOTAL		\$1,400,000

SUPERVISORIAL DISTRICT: III

RECOMMENDATION: Project scheduled for construction in 2028 pending funding

