



RESOLUTION No. 21-063

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

**RESOLUTION APPROVING THE CAPITAL IMPROVEMENT
PLAN 2021 ANNUAL UPDATE**

WHEREAS, the Department of Public Works has prepared the Capital Improvement Plan (CIP) 2021 Annual Update Road Maintenance and Capital Improvement Five Year Plan; and

WHEREAS, the CIP is consistent with the Nevada County General Plan.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Nevada County Board of Supervisors approves the Nevada County Department of Public Works Capital Improvement Plan 2021 Annual Update, attached as Exhibit A, and authorizes the Director of Public Works to proceed with the implementation of the Plan.

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 9th day of March, 2021, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Susan K. Hoek and Hardy Bullock.

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Dan Miller, Chair

CAPITAL IMPROVEMENT PLAN

2021 ANNUAL UPDATE



Placing chip seal in Alta Sierra

County of Nevada
Community Development Agency
Department of Public Works
2020-2021 thru 2024-2025

COUNTY OF NEVADA COMMUNITY DEVELOPMENT AGENCY

DEPARTMENT OF PUBLIC WORKS

CAPITAL IMPROVEMENT PLAN

2021 ANNUAL UPDATE

FISCAL YEAR 2020/21 THRU 2024/25

TABLE OF CONTENTS

Section 1. Introduction.....Page 3

- Executive Summary
- Plan Organization
- Summary of Major Revenue Sources
- Summary of Major CIP Expenditures
- Conclusion

Section 2. Capital Project Detail Sheets..... Page 7

Section 3. Fiscal Year Financial Pro Formas.....Page 42

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, \$131 million program from July 2020 thru June 2025.

Gas tax and General Fund Maintenance of Effort (MOE) constitute the primary discretionary funding sources for the County's road maintenance activities. Since 2010, the County saw large annual fluctuations and an overall decline in gas tax revenue that resulted in a \$3 million loss in funding over the previous decade. A combined 20% increase in costs during that time further eroded our ability to maintain roads and infrastructure.

In April 2017, Governor Brown signed Senate Bill 1 (SB1) – Landmark transportation funding legislation that invests \$52.4 billion in Road Maintenance and Rehabilitation Account (RMRA) funds over the next decade to fix roads, freeways and bridges in communities across California. The new funding package results in an average total increase of approximately \$3 million annually over the next ten years to Nevada County for road safety, maintenance and improvement projects. RMRA funds are now protected for transportation purposes only under Article 19 of the California State Constitution per the approval of Proposition 69 in June 2018. This additional revenue will be used to fund road rehabilitation and preservation projects, roadside vegetation control and shoulder maintenance activities throughout Nevada County.

With the COVID-19 outbreak throughout all of 2020 and stretching into 2021, we are projecting a 10% decrease in gas tax revenue and has been incorporated into the budget.

The CIP fund balance (cash reserves) for FY 19/20 and 20/21 continued to be below the department's established thresholds. The long-term prognosis for the CIP's fund balance projections improves as the county receives gas tax and RMRA funds. Staff expects the fund balance to return to acceptable levels in FY 21/22. Moving forward, 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 \$73 million in state and federal grants for a variety of transit, solid waste, roadway safety, bridge and road maintenance projects. Additional grant funds have been applied for from the Federal Emergency Management Agency and the California Conservation Corps for vegetation management and the Active Transportation Program and the Highway Safety Improvement Program for roadway related improvements. Additional grants for vegetation management will be applied for as opportunities arise. The County is also considering preparing a ballot measure to collect a tax that would be used for further vegetation management.

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 formas 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) and New HUTA funds) 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. 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.

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.

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 Federal Lands Access Program (FLAP), 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 will result in an average total increase of \$3 million annually over the next ten 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, the county expects RMRA revenues to be a stable source.

RMRA funds require the County to submit a list of all projects proposed to be funded by May 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 October 1st of each year. All reports are available online at <http://catc.ca.gov/programs/sb1/l srp/>.

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, onetime project specific revenues, etc.

SUMMARY OF CIP EXPENDITURES

The total projected expenditures for FY 21-22 are projected to be \$32,580,348 (not including transit projects).

Capital Projects constitute 66% of total CIP expenditures. Table 1 includes the following expenditures:

TABLE 1: CAPITAL PROJECT EXPENDITURES

CATEGORY	AMOUNT	FUNDING SOURCES
Bridge Projects	\$4,118,471	Federal Grants, General Fund MOE
Development Fee Projects	\$541,213	Federal Grant, to be supplemented with LTMF in later years
Safety Projects	\$2,847,300	Gas Tax, General Fund MOE, Federal Grants
Other	\$14,108,414	State Grant and Solid Waste Funds
TOTAL	\$21,615,398	

Maintenance constitutes 23% of total CIP expenditures. Table 2 includes the following expenditures:

TABLE 2: MAINTENANCE EXPENDITURES

CATEGORY	AMOUNT	FUNDING SOURCES
Roadway Preservation	\$1,229,544	Gas Tax and RMRA
Drainage and Shoulder Maintenance	\$291,135	Gas Tax and RMRA
Vegetation Control	\$1,368,652	Gas Tax, CAL FIRE Grant funds and RMRA
General Maintenance	\$4,412,696	Gas Tax, General Fund MOE, RSTP, RMRA, CSA/PRD and Trust Funds
Equipment Program	\$182,064	Roads ISF
TOTAL	\$7,484,090	

Overhead constitutes the remaining 11% of total CIP expenditures. Table 3 includes the following expenditures:

TABLE 3: OVERHEAD EXPENDITURES

CATEGORY	AMOUNT	FUNDING SOURCES
701 – DPW Admin	\$1,811,877	Gas Tax, General Fund MOE, State Exchange and CSA/PRD
702 - Engineering	\$650,343	Gas Tax, General Fund MOE and CSA/PRD
703 - Maintenance	\$1,018,640	Gas Tax, General Fund MOE, RMRA and CSA/PRD
TOTAL	\$3,480,860	

Section 2. Capital Project Detail Sheets

ROAD MAINTENANCE AND REHABILITATION PROGRAM	8
EGRESS/INGRESS FIRE SAFETY PROJECT	23
2022 THERMOPLASTIC AND MMA SAFETY PROJECT	29
2021 GUARDRAIL PROJECT	30
2020 HIGH FRICTION SURFACE TREATMENT PROJECT	31
SODA SPRINGS RD AT S. YUBA RIVER BRIDGE REPLACEMENT PROJECT	32
HIRSCHDALE ROAD AT TRUCKEE RIVER BRIDGE REPLACEMENT PROJECT.....	33
HIRSCHDALE ROAD AT UPRR HINTON OVERHEAD BRIDGE REPLACEMENT PROJECT	34
N. BLOOMFIELD RD AT S. YUBA RIVER BRIDGE EVALUATION PROJECT	35
DOG BAR ROAD AT BEAR RIVER BRIDGE REPLACEMENT PROJECT	36
RELIEF HILL RD AT HUMBUG CREEK BRIDGE REPLACEMENT PROJECT.....	37
ROCK CREEK ROAD AT ROCK CREEK BRIDGE REPLACEMENT PROJECT	38
RIDGE RD AND ROUGH & READY HWY INTERSECTION IMPROVEMENT PROJECT	39
LOCAL TRAFFIC MITIGATION FEE PROGRAM PROJECTS	40
REGIONAL TRANSPORTATION PLAN ACTIVITIES PROJECT	41
SB2 PLANNING GRANT	42
DONNER PASS ROAD RECONSTRUCTION AND WIDENING PROJECT	43
TRANSIT BUS STOP IMPROVEMENT PROJECTS	44
TRANSIT SERVICES FACILITY IMPROVEMENT PROJECT.....	45
DEPOT SLOW CHARGER AND ON-ROUTE FAST CHARGER PROJECT	46
MCCOURTNEY ROAD TRANSFER STATION IMPROVEMENT PROJECT	47

ROAD MAINTENANCE AND REHABILITATION PROGRAM

PROJECT DESCRIPTION: This 5-year road maintenance and rehabilitation plan will resurface or repave roads throughout Nevada County. 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.

PROJECT LOCATION: The following locations are tentatively scheduled for road maintenance and rehabilitation in years 2021 thru 2025:

2021 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
LAKE VERA PURDON	SELBY LANE	LAKE VERA BRIDGE
GRACIE RD	NVADA CITY LIMITS	BIG BLUE RD
GRACIE RD	BIG BLUE RD	BANNER LAVA CAP
ALLISON RANCH RD	HWY 49	BRIDGE
ALLISON RANCH RD	BRIDGE	EMPRIE STAR MINE RD
AUBURN RD	HIDDEN VALLEY RD	ARCHERY WAY
AUBURN RD	ARCHERY WAY	McCOURTNEY RD
E EMPIRE ST	HIGHWAY 174	GRASS VALLEY LIMITS
BIRCHVILLE RD	PLEASANT VALLEY RD	HIGHWAY 49
BRUNSWICK RD	HIGHWAY 174	GREENHORN RD
LOMA RICA RD	BRUNSWICK RD	NEVADA ST

2021 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

Various locations including but not limited to:

ROAD	FROM	TO
AREA 1		
RED DOG CROSS ROAD	RED DOG RD	BANNER LAVA CAP
RED DOG ROAD	BOULDER ST	MURCHIE MINE RD
RED DOG ROAD	MURCHIE MINE RD	CEDAR SPRINGS R
RED DOG ROAD	CEDAR SPRINGS R	END OF PAVEMENT
RED DOG ROAD	END OF PAVEMENT	BANNER LAVA CAP
BANNER LAVA CAP ROAD	NEVADA CITY HWY	PITTSBURG MINE
BANNER LAVA CAP ROAD	PITTSBURG MINE	GRACIE RD
BANNER LAVA CAP ROAD	GRACIE RD	IDAHO MARYLAND
BANNER LAVA CAP ROAD	IDAHO MARYLAND	LOOKOUT RD
BANNER LAVA CAP ROAD	LOOKOUT RD	RED DOG CROSS R
BANNER LAVA CAP ROAD	RED DOG CROSS R	RED DOG RD
BANNER QUAKER HILL ROAD	BANNER LAVA CAP	START PAVEMENT
BANNER QUAKER HILL ROAD	START PAVEMENT	QUAKER HILL CRO
BANNER QUAKER HILL ROAD	QUAKER HILL CRO	PASQUALE RD (W)
BANNER QUAKER HILL ROAD	PASQUALE RD (W)	END OF PAVEMENT
NORTH BLOOMFIELD-GRANITEVILLE ROAD	HIGHWAY 49	LAKE VERA-PURDO
NORTH BLOOMFIELD-GRANITEVILLE ROAD	LAKE VERA-PURDO	HONEYSUCKLE WY
NORTH BLOOMFIELD-GRANITEVILLE ROAD	HONEYSUCKLE WY	COOPER RD

NORTH BLOOMFIELD-GRANITEVILLE ROAD	COOPER RD	BLUE TENT SCHOO
NORTH BLOOMFIELD-GRANITEVILLE ROAD	BLUE TENT SCHOO	ROCK CREEK RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	ROCK CREEK RD	EDWARDS CROSSIN
WASHINGTON ROAD	HIGHWAY 20	MP 1
WASHINGTON ROAD	MP 1	MP 2
WASHINGTON ROAD	MP 2	MP 3
WASHINGTON ROAD	MP 3	MP 4
WASHINGTON ROAD	MP 4	MP 5
WASHINGTON ROAD	MP 5	MAYBERT RD

AREA 3

MCCOURTNEY ROAD	GRASS VALLEY CO	POLARIS DR
MCCOURTNEY ROAD	POLARIS DR	THOROUGHbred LP
MCCOURTNEY ROAD	THOROUGHbred LP	S PONDEROSA WY
MCCOURTNEY ROAD	S PONDEROSA WY	PATTERSON VALLE
MCCOURTNEY ROAD	PATTERSON VALLE	LUCKY NUGGET LN
MCCOURTNEY ROAD	LUCKY NUGGET LN	CHAMPAGNE LN
MCCOURTNEY ROAD	CHAMPAGNE LN	BEYERS LN
MCCOURTNEY ROAD	BEYERS LN	MUSTANG VALLEY
MCCOURTNEY ROAD	MUSTANG VALLEY	LIME KILN RD
LIME KILN ROAD	HIGHWAY 49	OLD POND LN
LIME KILN ROAD	OLD POND LN	DUGGANS RD
LIME KILN ROAD	DUGGANS RD	BALD HILL RD
LIME KILN ROAD	BALD HILL RD	McCOURTNEY RD
ROUGH AND READY HIGHWAY	HIGHWAY 20	MATAS-WECKS RD
ROUGH AND READY HIGHWAY	MATAS-WECKS RD	ROUGH AND READY
ROUGH AND READY HIGHWAY	ROUGH AND READY	BONANZA WY
ROUGH AND READY HIGHWAY	BONANZA WY	BITNEY SPRINGS
ROUGH AND READY HIGHWAY	BITNEY SPRINGS	RIDGE RD
ROUGH AND READY HIGHWAY	RIDGE RD	GRASS VALLEY CO
PLEASANT VALLEY ROAD	PENN VALLEY DR	LAKE WILDWOOD D
PLEASANT VALLEY ROAD	LAKE WILDWOOD D	MOONEY FLAT RD
PLEASANT VALLEY ROAD	MOONEY FLAT RD	GOLD COUNTRY DR
PLEASANT VALLEY ROAD	GOLD COUNTRY DR	WILLIAMS RANCH
PLEASANT VALLEY ROAD	WILLIAMS RANCH	BITNEY SPRINGS
PLEASANT VALLEY ROAD	BITNEY SPRINGS	MEADOWWOOD RD
PLEASANT VALLEY ROAD	MEADOWWOOD RD	YUBA BRIDGE
BITNEY SPRINGS ROAD	ROUGH AND READY	MYSTIC MINE RD
BITNEY SPRINGS ROAD	MYSTIC MINE RD	EMPRESS RD
BITNEY SPRINGS ROAD	EMPRESS RD	RUDD RD
BITNEY SPRINGS ROAD	RUDD RD	N PONDEROSA WY
BITNEY SPRINGS ROAD	N PONDEROSA WY	STARDUSTER DR
BITNEY SPRINGS ROAD	STARDUSTER DR	BIETLER RD
BITNEY SPRINGS ROAD	BIETLER RD	PLEASANT VALLEY

RIDGE ROAD	ROUGH AND READY	GRASS VALLEY CO
RIDGE ROAD	GRASS VALLEY CO	RIDGE ESTATES R
RIDGE ROAD	RIDGE ESTATES R	NEVADA CITY COR
NEVADA CITY HIGHWAY	GRASS VALLEY CO	BANNER LAVA CAP
NEVADA CITY HIGHWAY	GRASS VALLEY CI	NEVADA CITY CIT
WOLF ROAD	HWY 49	WOLF CREEK BRID
WOLF ROAD	WOLF CREEK BRID	DUGGANS RD
WOLF ROAD	DUGGANS RD	GARDEN BAR RD
WOLF ROAD	GARDEN BAR RD	QUARTERHORSE DR
WOLF ROAD	QUARTERHORSE DR	LIME KILN RD
DUGGANS ROAD	WOLF RD	WOLF MEADOW DR
DUGGANS ROAD	WOLF MEADOW DR	LIME KILN RD

2022 OVERLAY AND PAVEMENT REHABILITATION

Various locations including but not limited to:

ROAD	FROM	TO
CARRIE DR	DOG BAR RD	GARY WAY
GARY WAY	TAMMY WAY	ALTA SIERRA DR
DOG BAR RD	WOLF CREEK RD	LODESTAR DR
DOG BAR RD	LODESTAR DR	AMBER ST
DOG BAR RD	AMBER ST	MISTY WINDS LN
DOG BAR RD	MISTY WINDS LN	MAGNOLIA RD
DUGGANS RD	WOLF RD	WOLF MEADOWS RD

2022 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

Various locations including but not limited to:

ROAD	FROM	TO
AREA 1		
BANNER MOUNTAIN TRAIL	GRACIE RD	END PAVEMENT
BANNER MOUNTAIN TRAIL	END PAVEMENT	START PAVEMENT
BANNER MOUNTAIN TRAIL	START PAVEMENT	END PAVEMENT
BANNER MOUNTAIN TRAIL	END PAVEMENT	END COUNTY MAIN
BANNER MOUNTAIN TRAIL	BANNER LAVA CAP	END OF PAVEMENT
BLACK OAK DRIVE	GAYLE LN	CRESCENT RD
BOREHAM LANE	BANNER LAVA CAP	GAYLE LN
BOURBON HILL ROAD	UREN ST	LEWIS RD
BUTTERFLY DRIVE	MAYFLOWER DR	MAYFLOWER DR
CRESCENT DRIVE	BANNER LAVA CAP	BOREHAM LN
FERN LANE	BOREHAM LN	GAYLE LN
FOREST VIEW DRIVE	BANNER LAVA CAP	BANNER LAVA CAP
GAYLE LANE	BANNER LAVA CAP	BOREHAM LN
GRACIE ROAD	NEVADA CITY COR	BIG BLUE RD
GRACIE ROAD	BIG BLUE RD	BANNER LAVA CAP
GRANHOLM LANE	GOLD FLAT RD	S END
HAWKE LANE	PITTSBURGH RD	E END
IDAHO MARYLAND ROAD	1,740" W. OF SI	SILK TASSLE CIR

Revised January 2021

IDAHO MARYLAND ROAD
 IDAHO MARYLAND ROAD
 JAMES LANE
 MAYFLOWER DRIVE
 NORTHVIEW DRIVE
 OLD TUNNEL ROAD
 PINEWOODS ROAD
 PITTSBURG MINE ROAD
 PITTSBURG ROAD
 SNEATH-CLAY ROAD
 SUNNY SLOPE
 SUTTON WAY
 THOMAS DRIVE
 TOWN TALK ROAD
 TOWN TALK ROAD
 TREE TOP CIRCLE
 VALLEY VIEW ROAD
 WINDING WAY
 WOODPECKER POINT
 WOODPECKER WAY

SILK TASSLE CIR
 LEE LANE
 GAYLE LN
 BANNER LAVA CAP
 FOREST VIEW DR
 BANNER LAVA CAP
 GOLD FLAT RD
 BANNER LAVA CAP
 BANNER LAVA CAP
 PINEWOOD DR
 TREE TOP CR
 BRUNSWICK RD
 GAYLE LN
 BRUNSWICK RD
 END OF PAVEMENT
 FOREST VIEW DR
 BANNER LAVA CAP
 VALLEY VIEW RD
 WOODPECKER WY
 BUTTERFLY DR

LEE LANE
 BANNER LAVA CAP
 JAMES LN
 BANNER LAVA CAP
 PITTSBURG MINE
 TOWN TALK RD
 S END
 PITTSBURG RD
 GOLD FLAT RD
 NEVADA CITY COR
 N END
 END COUNTY MAIN
 BOREHAM LN
 END OF PAVEMENT
 OLD TUNNEL RD
 TREE TOP CR
 END COUNTY MAIN
 E END
 N END
 E END

AREA 4

TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 TYLER FOOTE CROSSING ROAD
 OAK TREE ROAD
 OAK TREE ROAD
 OAK TREE ROAD
 CRUZON GRADE ROAD
 CRUZON GRADE ROAD
 PLEASANT VALLEY ROAD
 PLEASANT VALLEY ROAD
 PLEASANT VALLEY ROAD
 PLEASANT VALLEY ROAD
 PLEASANT VALLEY ROAD
 PURDON ROAD
 PURDON ROAD
 PURDON ROAD

HIGHWAY 49
 PATHFINDER WY
 MURPHY RD
 PURDON RD
 ANANDA WY
 FANDOR FARM
 OLD MILL RD
 LAKE CITY RD
 HIGHWAY 49
 LOVELL LN
 ROBINSON RD
 FOXFIRE WY
 BEAR TRAP SPRIN
 YUBA BRIDGE
 BUTTERMILK BEND
 CRESCENT ST
 BIRCHVILLE RD
 RIDGE ROCK
 YUBA BRIDGE
 MURPHY RD
 MONTEZUMA LN

PATHFINDER WY
 MURPHY RD
 PURDON RD
 ANANDA WY
 FANDOR ROAD
 OLD MILL RD
 LAKE CITY RD
 CRUZON GRADE RD
 LOVELL LN
 ROBINSON RD
 TYLER FOOTE CRO
 BEAR TRAP SPRIN
 BACKBONE RD
 BUTTERMILK BEND
 CRESCENT ST
 BIRCHVILLE RD
 RIDGE ROCK
 HIGHWAY 49
 MURPHY RD
 MONTEZUMA LN
 TYLER FOOTE CRO

AREA 5

SODA SPRINGS ROAD	DONNER PASS RD	PLACER COUNTY L
DONNER PASS ROAD	TRUCKEE CORP LI	MILE POST 1
DONNER PASS ROAD	MILE POST 1	E END RAINBOW B
DONNER PASS ROAD	E END RAINBOW B	PLACER COUNTY L
DONNER PASS ROAD	PLACER COUNTY L	SNOW LAB
DONNER PASS ROAD	SNOW LAB	SODA SPRINGS RD
DONNER PASS ROAD	SODA SPRINGS RD	1-80 OVERCROSSI
DONNER PASS ROAD	I-80 OVERCROSSI	5280 FT W OF OV
DONNER PASS ROAD	5280 FT W OF OV	10560 FT W OF O
DONNER PASS ROAD	10560 FT W OF O	PLACER COUNTY L
STAMPEDE MEADOWS ROAD	TRUCKEE CORP LI	BOCA RES TURNOU
STAMPEDE MEADOWS ROAD	BOCA RES TURNOU	MP 1
STAMPEDE MEADOWS ROAD	MP 1	BOCA SPRINGS RD
STAMPEDE MEADOWS ROAD	BOCA SPRINGS RD	BOYINGTON CAMP
STAMPEDE MEADOWS ROAD	BOYINGTON CAMP	SIERRA CO LINE
DONNER LAKE ROAD	I-80 OVERPASS	BILLIE MACK RD
GLENSHIRE DRIVE	TRUCKEE CORP LI	HIRSCHDALE RD
HIRSCHDALE ROAD	I-80 OFF RAMP	GLENSHIRE DR
HIRSCHDALE ROAD	GLENSHIRE DR	END COUNTY MAIN
FLORISTON WAY	I-80 RAMP	END FLORISTON W

AREA 4

MOORES FLAT ROAD	BACKBONE RD	N BLOOMFIELD GR
MOORES FLAT ROAD	GERMAN BAR RD	BACKBONE RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	EDWARDS CROSSIN	GRIZZLY HILL RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	GRIZZLY HILL RD	LAKE CITY RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	LAKE CITY RD	FONTZ CABIN
NORTH BLOOMFIELD-GRANITEVILLE ROAD	FONTZ CABIN	RELIEF HILL RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	RELIEF HILL RD	DERBEC RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	DERBEC RD	SNOWTENT RD
NORTH BLOOMFIELD-GRANITEVILLE ROAD	SNOWTENT RD	MOORES FLAT
SHORT ROAD	MOORES FLAT RD	END COUNTY MAIN
SNOW TENT ROAD	BACKBONE RD	N BLOOMFIELD GR
SNOW TENT ROAD	N BLOOMFIELD GR	END COUNTY MAIN

2023 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
DOG BAR RD	NORVIN WAY	910 FT N. TAYLOR
DOG BAR RD	1415 FT S. WOLF CREEK RD	LODESTAR DR CROSSING
DOG BAR RD	LORIE DRIVE	700 FT N. OF MOUNT OLIVE
DOG BAR RD	MOUNT OLIVE RD	TAYLOR CROSS
PLEASANT VALLEY	FRENCH CORAL	HWY 49
BIRCHVILLE ROAD	PLEASANT VALLEY RD	HWY 49
OAK TREE RD	HIGHWAY 49	LOVELL LN
OAK TREE RD	LOVELL LN	ROBINSONS RD

Revised January 2021

OAK TREE RD

ROBINSONS RD

TYLER FOOTE CROSSING

2023 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

Various locations including but not limited to:

ROAD	FROM	TO
AREA 3		
MOONEY FLAT ROAD	HIGHWAY 20	DEER CREEK BRID
MOONEY FLAT ROAD	DEER CREEK BRID	JOE MILLER RAVI
MOONEY FLAT ROAD	JOE MILLER RAVI	1.13 MI W. OF P
MOONEY FLAT ROAD	1.13 MI W. OF P	PLEASANT VALLEY
AREA 2		
BRUNSWICK ROAD	NEVADA CITY HWY	GRASS VALLEY CO
BRUNSWICK ROAD	GRASS VALLEY CO	GRASS VALLEY CO
BRUNSWICK ROAD	GRASS VALLEY CO	IDAHO MARYLAND
BRUNSWICK ROAD	GRASS VALLEY CO	E BENNETT RD
BRUNSWICK ROAD	E BENNETT RD	HIGHWAY 174
LA BARR MEADOWS ROAD	HIGHWAY 49	DOG BAR RD
LA BARR MEADOWS ROAD	DOG BAR RD	HANSEN BROS
LA BARR MEADOWS ROAD	HANSEN BROS	GRASS VALLEY CO
DOG BAR ROAD	LA BARR MEADOWS	WHEELER CROSS R
DOG BAR ROAD	WHEELER CROSS R	ALTA SIERRA DR
DOG BAR ROAD	ALTA SIERRA DR	MOUNT OLIVE RD
DOG BAR ROAD	MOUNT OLIVE RD	TAYLOR CROSSING
DOG BAR ROAD	TAYLOR CROSSING	WOLF CREEK RD
DOG BAR ROAD	WOLF CREEK RD	LODESTAR DR
DOG BAR ROAD	LODESTAR DR	AMBER ST
DOG BAR ROAD	AMBER ST	MISTY WINDS LN
DOG BAR ROAD	MISTY WINDS LN	MAGNOLIA RD
DOG BAR ROAD	MAGNOLIA RD	BEAR RIVER BRID
MAGNOLIA ROAD	COMBIE RD	E HACIENDA DR
MAGNOLIA ROAD	E HACIENDA DR	KNOLLS DR
MAGNOLIA ROAD	KNOLLS DR	TROTTER RD
MAGNOLIA ROAD	TROTTER RD	CLIFFORD RD
MAGNOLIA ROAD	CLIFFORD RD	DOG BAR RD
COMBIE ROAD	HIGHWAY 49	MAGNOLIA RD
COMBIE ROAD	MAGNOLIA RD	RODEO FLAT RD
COMBIE ROAD	RODEO FLAT RD	PENINSULA DR
COMBIE ROAD	PENINSULA DR	ROBLES DR
COMBIE ROAD	ROBLES DR	END
KAREN DRIVE	E LIME KILN RD	ALEXANDRA WY
YOU BET ROAD	HWY 174	SIDE BET RD
YOU BET ROAD	SIDE BET RD	GREENHORN CREEK
EAST EMPIRE STREET	HIGHWAY 174	GRASS VALLEY CO

Revised January 2021

EAST BENNETT ROAD	BRUNSWICK ROAD	CORDELL CT
EAST BENNETT ROAD	CORDELL COURT	GRASS VALLEY CO
GREENHORN ACCESS ROAD	HIGHWAY 174	END COUNTY MAIN
GREENHORN ROAD	BRUNSWICK RD	KANTORBERY CT
GREENHORN ROAD	KANTORBERY CT	DOGWOOD RD
GREENHORN ROAD	DOGWOOD RD	TENSY LN
GREENHORN ROAD	TENSY LN	END COUNTY MAIN
RATTLESNAKE ROAD	HIGHWAY 174	HIGHLAND DR (S)
RATTLESNAKE ROAD	HIGHLAND DR (S)	GOODALL MINE RD
RATTLESNAKE ROAD	GOODALL MINE RD	WHEELER CROSS R
RATTLESNAKE ROAD	WHEELER CROSS R	DOG BAR RD
AREA 4		
CEMETERY ALLEY	HIGHWAY 49	END COUNTY MAIN
CHEROKEE STREET	OAK TREE RD	END COUNTY MAIN
FLUME STREET	HIGHWAY 49	END COUNTY MAIN
HEESCHE AVENUE	HIGHWAY 49	HIGHWAY 49
HIGH STREET	SAN FRANCISCO S	HIGHWAY 49
MURPHY ROAD	TYLER FOOTE CRO	PURDON RD
OLD STATE HIGHWAY 49	SHADY CREEK CRO	HIGHWAY 49 (N)
RESERVOIR STREET	HIGHWAY 49	CHEROKEE RD
ROBINSON ROAD	OAK TREE RD	END COUNTY MAIN
SAN FRANCISCO STREET	FLUME ST	END COUNTY MAIN
SCHOOL STREET	HIGHWAY 49	END COUNTY MAIN
SEBASTOPOL ROAD	SWEETLAND RD	END COUNTY MAIN
SWEETLAND ROAD	HIGHWAY 49	SCHOOL ST
SWEETLAND ROAD	SCHOOL ST	HIGHWAY 49
SWEETLAND ROAD	HIGHWAY 49	PLEASANT VALLEY
TYLER FOOTE CROSSING ROAD	CRUZON GRADE RD	GRIZZLEY RIDGE
TYLER FOOTE CROSSING ROAD	GRIZZLEY RIDGE	SIERRA COUNTY L
BACK BONE ROAD	BLOOMFIELD GRNI	CRUZON GRADE RD
BACK BONE ROAD	CRUZON GRADE RD	DERBEC RD
BACK BONE ROAD	DERBEC RD	MOORES FLAT RD
CRUZON GRADE ROAD	TYLER FOOTE CRO	FOXFIRE WY
CRUZON GRADE ROAD	FOXFIRE WY	BEAR TRAP SPRIN
CRUZON GRADE ROAD	BEAR TRAP SPRIN	BACKBONE RD
DERBEC ROAD	N BLOOMFIELD GR	BACKBONE RD
GRIZZLY HILL ROAD	TYLER FOOTE CRO	TURNAGAIN ARM
GRIZZLY HILL ROAD	TURNAGAIN ARM	N BLOOMFIELD GR
LAKE CITY ROAD	TYLER FOOTE CRO	SHIELDS CAMP RD
LAKE CITY ROAD	SHIELDS CAMP RD	N BLOOMFIELD GR
RELIEF HILL ROAD	N BLOOMFIELD GR	HUMBUG CREEK BR
RELIEF HILL ROAD	HUMBUG CREEK BR	END COUNTY MAIN
TURNAGAIN ARM	GRIZZLEY HILL R	LAKE CITY RD

2024 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
E. EMPIRE	HWY 174	CITY OF GRASS VALLEY
MAGNOLIA RD	COMBIE RD	E. HACIENDA DR
MAGNOLIA RD	E. HACIENDA DR	KNOLLS DR
McCOURTNEY RD	GRASS VALLEY CO	POLARIS DR
McCOURTNEY RD	INDIAN SPRINGS RD	LUCKY NUGGET LN
McCOURTNEY RD	LUCKY NUGGET LN	CHAMPAGNE LN

2024 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

Various locations including but not limited to:

ROAD	FROM	TO
AREA 4		
BIRCHVILLE ROAD	HIGHWAY 49	PINE GROVE RES
BIRCHVILLE ROAD	PINE GROVE RES	REDBUD RD
BIRCHVILLE ROAD	REDBUD RD	PLEASANT VALLEY
READER RANCH ROAD	HIGHWAY 49	END OF PAVEMENT
READER RANCH ROAD	END OF PAVEMENT	END COUNTY MAIN
AREA 5		
MOORES FLAT ROAD	N BLOOMFIELD GR	GERMAN BAR RD
NORTH BLOOMFIELD- GRANITEVILLE ROAD	MOORES FLAT RD	CHERRY HILL
NORTH BLOOMFIELD- GRANITEVILLE ROAD	CHERRY HILL	SCHOOL HOUSE DR
NORTH BLOOMFIELD- GRANITEVILLE ROAD	F.S. RD. 522	GRANITEVILLE RD
NORTH BLOOMFIELD- GRANITEVILLE ROAD	GRANITEVILLE RD	SCHOOL HOUSE DR
MEADOW LAKE ROAD	N BLOOMFIELD GR	PINOLI RIDGE RD
MEADOW LAKE ROAD	PINOLI RIDGE RD	BOWMAN LAKE
MEADOW LAKE ROAD	BOWMAN LAKE	BOWMAN LAKE CAM
MEADOW LAKE ROAD	BOWMAN LAKE CAM	AUSTIN MEADOWS
MEADOW LAKE ROAD	AUSTIN MEADOWS	GRANITEVILLE RD
MEADOW LAKE ROAD	GRANITEVILLE RD	TOLLHOUSE LAKE
MEADOW LAKE ROAD	TOLLHOUSE LAKE	SUMMIT CITY
MEADOW LAKE ROAD	SUMMIT CITY	END CO MAINT
GRANITEVILLE ROAD	MEADOW LAKE RD	SIERRA CO
BOCA ROAD	DOG VALLEY RD	OLD RENO RD
BOCA ROAD	OLD RENO RD	FS RD 890-14
BOCA ROAD	FS RD 890-14	BOCA LAKE RD
DOG VALLEY ROAD	SIERRA CO LINE	HOBART MILLS
DOG VALLEY ROAD	HOBART MILLS	FS RD 889-14
DOG VALLEY ROAD	FS RD 889-14	OLD RENO RD
DOG VALLEY ROAD	OLD RENO RD	BOCA RD
HOBART MILLS ROAD	OLD HWY 89	TIMBER TRAILS C

HOBART MILLS ROAD	TIMBER TRAILS C	SAGEHEN RD
HOBART MILLS ROAD	SAGEHEN RD	DOG VALLEY RD
OLD HIGHWAY 89	HOBART MILLS RD	PROSSER LAKE
OLD RENO ROAD	HOBART MILLS RD	DOG VALLEY RD
OLD RENO ROAD	DOG VALLEY RD	BOCA RD
PROSSER DAM ROAD	TRUCKEE CORP LI	END OF DAM
PROSSER DAM ROAD	END OF DAM	BOCA RD
FLORISTON WAY	I-80 RAMP	END FLORISTON W
TRUCKEE-TAHOE AIRPORT ROAD	END COUNTY MAIN	TRUCKEE CORP LI
FIBREBOARD ROAD	HIGHWAY 89 N	HOBART MILLS RO
EAGLE LAKES ROAD	I-80	END COUNTY MAIN
LOLA MONTEZ LANE	DONNER PASS RD	LOTTA CRABTREE
LOTTA CRABTREE TERRACE	E END	LOLA MONTEZ LN
LOTTA CRABTREE TERRACE	LOLA MONTEZ LN	W END
POMA LANE	DONNER PASS RD	LOTTA CRABTREE
SHERRITT LANE	DONNER PASS RD	N END
T-BAR COURT	LOLA MONTEZ LN	E END
VAN NORDEN LAKE ROAD	SODA SPRINGS RD	END COUNTY MAIN
BILLY MACK ROAD	DONNER LAKE RD	END COUNTY MAIN
LAKE VALLEY ROAD	I-80	PLACER COUNTY L
CRYSTAL LAKE ROAD	I-80 (YUBA GAP)	END
BOREAL RIDGE ROAD	HWY 80	END COUNTY MAIN

AREA 2

BURMA ROAD	BRUNSWICK RD	N MEADOW VIEW D
JOERSCHKE DRIVE	NEVADA CITY HWY	DORSEY DR
LAKEVIEW DRIVE	ORCHARD SPRINGS	N END
LAKEWOOD LANE	HIGHWAY 174	END COUNTY MAIN
LOMA RICA DRIVE	BRUNSWICK RD	END COUNTY MAIN
MALTMAN DRIVE	BRUNSWICK RD	JOERSCHKE DR
MARGARET LANE	CATHERINE LN	END COUNTY MAIN
NORTH MEADOW VIEW DRIVE	BURMA RD	HWY 174
NEVADA CITY AVENUE	LOMA RICA DRIVE	END COUNTY MAIN
NEVADA CITY AVENUE	END COUNTY ROAD	LOMA RICA DR
ORCHARD SPRINGS ROAD	HIGHWAY 174	HIGHWAY 174
SPREE AV	MARGARET LN	DORSEY DR
YOU BET ROAD	GREENHORN CREEK	GREEN HAVEN LN
YOU BET ROAD	GREEN HAVEN LN	RED DOG RD
YOU BET ROAD	RED DOG RD	GREEN HAVEN LN
YOU BET ROAD	GREEN HAVEN LN	YOU WIN CT
YOU BET ROAD	YOU WIN CT	END COUNTY MAIN
RED DOG ROAD	END PAVEMENT	YOU BET RD
JOHN BAUER AVENUE	LOMA RICA DR	AIRPORT GATE
CHARLES DRIVE	LOMA RICA DRIVE	.176 ML WEST

CHARLES DRIVE	.176 WEST OF LO	NEVADA CITY AVE
CHARLES DRIVE	NEVADA CITY AVE	END COUNTY MAIN
GRASS VALLEY AVENUE	LOMA RICA DR N	END COUNTY MAIN
GRASS VALLEY AVENUE	END ROAD	LOMA RICA

2025 OVERLAY AND PAVEMENT REHABILITATION

ROAD	FROM	TO
LIME KILN ROAD	HWY 49	MCCOURTNEY
BRUNSWICK ROAD	CITY LIMITS	HWY 174

2025 BRUSHING, SHOULDER, GENERAL MAINTENANCE PROJECT

Various locations including but not limited to:

ROAD	FROM	TO
AREA 2		
CAMEO DRIVE	HWY 49	NORTHERN MP
CARRIAGE ROAD	HIGHWAY 49	END COUNTY MAIN
CERRITO ROAD	HIGHWAY 49	S END
DANIELS WAY	E LIME KILN RD	N END
MABEN ROAD	CARRIAGE RD	S END
MYRNA DRIVE	DOG BAR RD	E END
NORTH CHERRY CREEK ROAD	OAK RD	COMERATE ROAD
OAK DRIVE	HIGHWAY 49	BUCK MOUNTAIN R
OAKHURST DRIVE	HIGHWAY 49	END COUNTY MAIN
TAYLOR CROSSING ROAD	DOG BAR RD	END COUNTY MAIN
TAYLORVILLE ROAD	GRASS VALLEY CO	END COUNTY MAIN
WHEELER ACRES ROAD	DOG BAR RD	DOG BAR RD
CHERRY CREEK ROAD	HIGHWAY 49	HIGHWAY 49
WEST HACIENDA DRIVE	COMBIE RD	100' N OF COMBI
NORVIN WAY	DOG BAR RD	END COUNTY MAIN
AGNES WAY	SCOTT WY	NORLENE WY
AILEEN WAY	PATRICIA WY	ALEXANDRA WY
ALEXANDRA WAY	KAREN WY	LAWRENCE WY
ALEXANDRA WAY	LAWRENCE WY	NORLENE WY
ALEXANDRA WAY	NORLENE WY	NORLENE WY
ALICE WAY	LAWRENCE WY	LAWRENCE WY
ALIOTO DRIVE	END OF ROAD	LAWRENCE WY
ALTA SIERRA DRIVE	HIGHWAY 49	LITTLE VALLEY R
ALTA SIERRA DRIVE	LITTLE VALLEY R	BALL RD
ALTA SIERRA DRIVE	BALL RD	LOWER CIRCLE DR
ALTA SIERRA DRIVE	LOWER CIRCLE DR	DOG BAR RD
ANGELINA WAY	LAWRENCE WY	ALIOTO DR
ANNIE DRIVE	BREWER RD	BREWER RD
ANONA COURT	PATRICIA WY	N END
AVERN WAY	PAMELA WY	E END

BALL ROAD	ALTA SIERRA DR	FRANCIS DR
BARDE COURT	HENSON WY	W END
BERNADINE COURT	LOWER CIRCLE DR	E END
BETTY WAY	FAY RD	W END
BREWER ROAD	GARY WY	ANNIE DR
BREWER ROAD	ANNIE DR	END COUNTY MAIN
CARRIE DRIVE	DOG BAR RD	GARY WY
CATHY DRIVE	FAY RD	JOHN WY
CHARLES WAY	SCOTT WY	S END
CONNIE DRIVE	NORLENE WY	CONNIE DR
CROTTY COURT	SKY PINES RD	W END
CURTIS COURT	ALEXANDRA WY	W END
DAVID WAY	LAWRENCE WY	LAWRENCE WY
DENNIS WAY	GARY WY	E END
EAST LIME KILN ROAD	HIGHWAY 49	KAREN DR
EDWARD DRIVE	LOWER CIRCLE DR	LOWER CIRCLE DR
ELIZABETH WAY	FRANCIS DR	ALTA SIERRA DR
ERNEST COURT	ALEXANDRA WY	E END
EVA WAY	GARY WY	TAMMY WY
FAY ROAD	RAINBOW RD	END COUNTY MAIN
FRANCIS DRIVE	ALTA SIERRA DR	GARY WY
FRANCIS DRIVE	GARY WY	ALTA SIERRA DR
GARY WAY	TAMMY WY	ALTA SIERRA DR
GARY WAY	ALTA SIERRA DR	FRANCIS DR
GENEVA COURT	WALLIS DR	N END
GEORGE WAY	ALEXANDRA WY	ALEXANDRA WY
GRACE COURT	AILEEN WY	W END
HACKETT COURT	SKY PINES RD	W END
HANLEY DRIVE	RAGAN WY	RAGAN WY
HENSON WAY	NAMES DR	THIEL WY
HORACE DRIVE	UPPER CIRCLE DR	FRANCIS DR
IOLA WAY	SHARON WY	N END
JAMIE LEE COURT	AILEEN WY	E END
JANET WAY	FAY RD	S END
JOANN WAY	ALTA SIERRA DR	E END
JODY COURT	NORLENE WY	E END
JOEY COURT	TAMMY WY	S END
JOHN WAY	RAINBOW RD	S END
JON ERIC COURT	ALEXANDRA WY	N END
JOSEPH DRIVE	ALEXANDRA WY	ALEXANDRA WY
JUANITA COURT	LOWER CIRCLE DR	W END
JUDITH COURT	BREWER RD	E END
LAURRINE WAY	STINSON DR	W END
LAWRENCE WAY	OSCAR DR	NORLENE WY

LAWRENCE WAY	NORLENE WY	BREWER RD
LENA COURT	GEORGE WY	N END
LITTLE VALLEY ROAD	HIGHWAY 49 (N)	ALTA SIERRA DR
LITTLE VALLEY ROAD	ALTA SIERRA DR	S END
LORIE DRIVE	CARRIE DR	DOG BAR RD
LOW COURT	THIEL WY	W END
LOWER CIRCLE DRIVE	ALTA SIERRA DR	NORLENE WY
MARILYN COURT	FRANCIS DR	E END
MARION WAY	SHARON WY	N END
MEYER WAY	ALTA SIERRA DRI	N END
MICHAEL WAY	GARY WY	W END
NAMES DRIVE	ALTA SIERRA DR	S END
NANCY WAY	BREWER RD	BREWER RD
NORAGER WAY	SKY PINES RD	W END
NORLENE WAY	ALTA SIERRA DR	TAMMY WY
NORLENE WAY	TAMMY WY	ALEXANDRA WY
NORLENE WAY	ALEXANDRA WY	AIRPORT AV
NORLENE WAY	AIRPORT AV	PATRICIA WY
CLOVER VALLEY ROAD	BREWER RD	END COUNTY MAIN
OSCAR DRIVE	NORLENE WY	JOSEPH DR
PAMELA DRIVE	RAINBOW WY	CARRIE WY
PAMMY WAY	ALTA SIERRA DR	ELIZABETH WY
PATRICIA WAY	ALEXANDRA WY	NORLENE WY
PATRICIA WAY	NORLENE WY	AILEEN WY
PENNY COURT	PATRICIA WY	S END
RAGAN WAY	BALL RD	FRANCIS DR
RAINBOW ROAD	CARRIE WY	END County MAIN
RICKY COURT	FRANCIS DR	E END
ROBERT COURT	FRANCIS DR	N END
RUTH COURT	AILEEN WY	W END
SANDRA COURT	BREWER RD	E END
SCOTT WAY	NORLENE WY	N END
SEAN WAY	GARY WY	W END
SHANA WAY	PATRICIA WY	W END
SHARON WAY	NORLENE WY	E END
SKY PINES ROAD	STINSON WY	END COUNTY MAIN
STINSON DRIVE	BALL RD	BALL RD
SUNSET WAY	NORLENE WY	W END
TAMMY WAY	NORLENE WY	GARY WY
TERREN COURT	UPPER CIRCLE DR	S END
THIEL WAY	NAMES DR	LOW CT
THORNICROFT WAY	STINSON WY	W END
TIMOTHY WAY	GARY WY	W END
TINA COURT	DAVID WY	N END

TIPPY WAY	ALTA SIERRA DR	NORLENE WY
TONY COURT	ALEXANDRA WY	W END
TROY COURT	PATRICIA WY	N END
UPPER CIRCLE DRIVE	ALTA SIERRA DR	FRANCIS DR
VIRGINIA WAY	PATRICIA WY	PATRICIA WY
WALLIS DRIVE	PATRICIA WY	PATRICIA WY
WEST VIEW WAY	NORLENE WY	W END
DARLENE COURT	STINSON DR	END
BIRCH MEADOWS CIRCLE	RATTLESNAKE RD	DOG BAR RD
BROOKS ROAD	RATTLESNAKE RD	PINE CONE CR (N
BROOKS ROAD	PINE CONE CR (N	LOWER COLFAX RD
HIGHLAND DRIVE	RATTLESNAKE RD	RATTLESNAKE RD
LAWS RANCH CROSS ROAD	LOWER COLFAX RD	HIGHWAY 174
LESLIE DRIVE	OAK RIDGE DR	OAK MEADOWS RD
LOWER COLFAX ROAD	RATTLESNAKE RD	LAWS RANCH CROS
LOWER COLFAX ROAD	LAWS RANCH CROS	AGONY HILL RD
LOWER COLFAX ROAD	AGONY HILL RD	ORZALLI RD
LOWER COLFAX ROAD	ORZALLI RD	START PAVEMENT
LOWER COLFAX ROAD	START PAVEMENT	OLD COACH WY
LOWER COLFAX ROAD	OLD COACH WY	MOUNT OLIVE RD
MEADOW DRIVE	HIGHWAY 174	ORAZALLI RD
MEADOW DRIVE	ORAZALLI RD	END COUNTY MAIN
MEADOW VIEW DRIVE	HIGHWAY 174	END COUNTY MAIN
MOUNT OLIVE ROAD	HIGHWAY 174	MIRANDA DR
MOUNT OLIVE ROAD	MIRANDA DR	ROLPHOLM RD
MOUNT OLIVE ROAD	ROLPHOLM RD	DOG BAR RD
NAOMI WAY	OAK RIDGE DR	END
OAK MEADOWS ROAD	END COUNTY MAIN	EAST END
OAK RIDGE DRIVE	RATTLESNAKE RD	E END
ORZALLI ROAD	LOWER COLFAX RD	MEADOW DR
PEARDALE ROAD	MEADOW VIEW DR	HIGHWAY 174
PINE CONE CIRCLE	BROOKS RD	GREENWAY PL
PINE CONE CIRCLE	GREENWAY PL	BROOKS RD
POWERLINE ROAD	HIGHWAY 174	LOWER COLFAX RD
SUNSHINE VALLEY ROAD	LOWER COLFAX RD	END COUNTY MAIN
WHEELER CROSS ROAD	DOG BAR RD	RATTLESNAKE RD
OAK CIRCLE	MEADOW DR	MEADOW DR
BARTLETT DRIVE	N END	HIGHWAY 174
BRUNSWICK DRIVE	HIGHWAY 174	END OF PAVEMENT
CEDAR RIDGE DRIVE	HIGHWAY 174	CURRY DR
COPPER DRIVE	GOLD DR	SILVER WY
CURRY DRIVE	CEDAR RIDGE DR	BRUNSWICK DR
EMPIRE MINE CROSS ROAD	HIGHWAY 174	EMPIRE ST
FOOTWALL DRIVE	GOLD DR	GOLD DR

GOLD HILL DRIVE	HIGHWAY 174	E END
HANGING WALL DRIVE	GOLD DR	PARTRIDGE RD
MERCURY DRIVE	GOLD DR	PARTRIDGE RD
PARTRIDGE ROAD	HIGHWAY 174	HANG WALL DR
PINE HILL DRIVE	HIGHWAY 174	BARTLETT DR
SILVER WAY	HIGHWAY 174	GOLD DR
SUNRISE LANE	HIGHWAY 174	SUNRISE LN
TERRACE PINES COURT	SILVER WY	W END
NANCY LANE	HIGHWAY 174	.09 MI W. OF HW

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 15-20-year useful life out of pavement overlay and a 3-5-year useful life out of a micro-surface. Vegetation management efforts also vary with some areas requiring annual maintenance.

PROJECT COST ESTIMATE:

Item	Funding Source	Cost	Total Annual Cost
2021 Rehab	RMRA	\$ 1,223,574	\$ 2,513,367
2021 Brushing	RMRA	\$ 1,006,230	
2021 Drainage & Shoulders	RMRA	\$ 283,563	
2022 Rehab	RMRA	\$ 1,228,537	\$ 3,199,641
2022 Brushing	RMRA	\$ 1,040,712	
2022 Drainage & Shoulders	RMRA	\$ 289,858	
2022 Gen. Maint.	RMRA	\$ 640,534	
2023 Rehab	RMRA	\$ 1,233,565	\$ 3,186,517
2023 Brushing	RMRA	\$ 1,070,668	
2023 Drainage & Shoulders	RMRA	\$ 296,235	
2024 Rehab	RMRA	\$ 1,238,704	\$3,000,282
2024 Brushing	RMRA	\$ 1,094,223	
2024 Drainage & Shoulders	RMRA	\$ 302,752	
2024 Gen. Maint.	RMRA	\$ 364,603	
2025 Rehab	RMRA	\$ 1,234,955	\$2,980,000
2025 Brushing	RMRA	\$ 1,118,296	
2025 Drainage & Shoulders	RMRA	\$ 309,413	
2025 Gen. Maint.	RMRA	\$ 308,336	
5 YEAR TOTAL			\$14,293,758
SUPERVISORIAL DISTRICT: ALL			

EGRESS/INGRESS FIRE SAFETY PROJECT

PROJECT LOCATION: The following locations are tentatively scheduled for road maintenance and rehabilitation in years 2021 thru 2022:

ROADS DEPT 2021 GRANT AREAS:

ROAD	FROM	TO
WASHINGTON ROAD	HIGHWAY 20	MP 1
WASHINGTON ROAD	MP 1	MP 2
WASHINGTON ROAD	MP 2	MP 3
WASHINGTON ROAD	MP 3	MP 4
WASHINGTON ROAD	MP 4	MP 5
WASHINGTON ROAD	MP 5	MAYBERT RD
ROUGH AND READY HIGHWAY	HIGHWAY 20	MATAS-WECKS RD
ROUGH AND READY HIGHWAY	MATAS-WECKS RD	ROUGH AND READY
ROUGH AND READY HIGHWAY	ROUGH AND READY	BONANZA WY
ROUGH AND READY HIGHWAY	BONANZA WY	BITNEY SPRINGS
ROUGH AND READY HIGHWAY	BITNEY SPRINGS	RIDGE RD
ROUGH AND READY HIGHWAY	RIDGE RD	GRASS VALLEY CO
BITNEY SPRINGS ROAD	ROUGH AND READY	MYSTIC MINE RD
BITNEY SPRINGS ROAD	MYSTIC MINE RD	EMPRESS RD
BITNEY SPRINGS ROAD	EMPRESS RD	RUDD RD
BITNEY SPRINGS ROAD	RUDD RD	N PONDEROSA WY
BITNEY SPRINGS ROAD	N PONDEROSA WY	STARDUSTER DR
BITNEY SPRINGS ROAD	STARDUSTER DR	BIETLER RD
BITNEY SPRINGS ROAD	BIETLER RD	PLEASANT VALLEY

ROADS DEPT 2022 AREAS IN GRANT:

ROAD	TO	FROM
BANNER MOUNTAIN TRAIL	GRACIE RD	END PAVEMENT
BANNER MOUNTAIN TRAIL	END PAVEMENT	START PAVEMENT
BANNER MOUNTAIN TRAIL	START PAVEMENT	END PAVEMENT
BANNER MOUNTAIN TRAIL	END PAVEMENT	END COUNTY MAIN
BANNER MOUNTAIN TRAIL	BANNER LAVA CAP	END OF PAVEMENT
BLACK OAK DRIVE	GAYLE LN	CRESCENT RD

BOREHAM LANE	BANNER LAVA CAP	GAYLE LN
BOURBON HILL ROAD	UREN ST	LEWIS RD
BUTTERFLY DRIVE	MAYFLOWER DR	MAYFLOWER DR
CRESCENT DRIVE	BANNER LAVA CAP	BOREHAM LN
FERN LANE	BOREHAM LN	GAYLE LN
FOREST VIEW DRIVE	BANNER LAVA CAP	BANNER LAVA CAP
GAYLE LANE	BANNER LAVA CAP	BOREHAM LN
GRACIE ROAD	NEVADA CITY COR	BIG BLUE RD
GRACIE ROAD	BIG BLUE RD	BANNER LAVA CAP
GRANHOLM LANE	GOLD FLAT RD	S END
HAWKE LANE	PITTSBURGH RD	E END
IDAHO MARYLAND ROAD	1,740" W. OF SI	SILK TASSLE CIR
IDAHO MARYLAND ROAD	SILK TASSLE CIR	LEE LANE
IDAHO MARYLAND ROAD	LEE LANE	BANNER LAVA CAP
JAMES LANE	GAYLE LN	JAMES LN
MAYFLOWER DRIVE	BANNER LAVA CAP	BANNER LAVA CAP
NORTHVIEW DRIVE	FOREST VIEW DR	PITTSBURG MINE
OLD TUNNEL ROAD	BANNER LAVA CAP	TOWN TALK RD
PINEWOODS ROAD	GOLD FLAT RD	S END
PITTSBURG MINE ROAD	BANNER LAVA CAP	PITTSBURG RD
PITTSBURG ROAD	BANNER LAVA CAP	GOLD FLAT RD

CONTRACTOR AREAS IN GRANT:

ROAD	FROM	TO
ARTIC CLOSE	CASCADE LP	N END
AURORA CLOSE	BANNER QUAKER H	N END
BALTIC CLOSE	LAKE LN	N END
CASCADE DRIVE	PASQUALE RD	PASQUALE RD
CASCADE LOOP	PASQUALE RD	PASQUALE RD
GASTON DRIVE	CASCADE LP	N END
LAKE LANE	SCOTTS FLAT LAK	E END
LITTLE YORK CLOSE	SUMMIT RIDGE DR	S END
MOUNTAIN VIEW DRIVE	BANNER QUAKER H	PASQUALE RD

NUGGET STREET	PASQUALE RD	PASQUALE RD
SADIE D DRIVE	CASCADE LP	SPANISH LN
SPANISH LANE	LAKE LN	CASCADE LP
BANNER QUAKER HILL ROAD	END OF PAVEMENT	END COUNTY MAIN
CHINA CLOSE	BANNER QUAKER H	S END
GAS CANYON ROAD	BANNER QUAKER H	END COUNTY MAIN
GOLDBUG ROAD	SAILOR FLAT RD	GAS CANYON RD
HYDRAULIC RIDGE CLOSE	SAILOR FLAT RD	S END
SAILOR FLAT ROAD	GAS CANYON RD	END COUNTY MAIN
SARGENT AND JACOBS DRIVE	BANNER QUAKER H	N END
SUMMIT RIDGE DRIVE	BANNER QUAKER H	BANNER QUAKER H
YUBA CLOSE	GAS CANYON RD	S END
PASQUALE ROAD	RED DOG RD	SIPHON RD
PASQUALE ROAD	SIPHON RD	MP 2
PASQUALE ROAD	MP 2	MP 3
PASQUALE ROAD	MP 3	MP 4
PASQUALE ROAD	MP 4	CASCADE LP
PASQUALE ROAD	CASCADE LP	BANNER QUAKER H
PASQUALE ROAD	BANNER QUAKER H	BANNER QUAKER H
BERGGREN LANE	RED DOG RD	N END
BOULDER STREET	NEVADA CITY COR	RED DOG RD
BOULDER STREET	RED DOG RD	END PAVEMENT
BOULDER STREET	END PAVEMENT	END COUNTY MAIN
CEDAR SPRINGS ROAD	RED DOG RD	QUAKER HILL CRO
CRYSTAL WELLS ROAD	RED DOG RD	QUAKER HILL CRO
INCLINE SHAFT ROAD	MURCHIE MINE RD	W END
MURCHIE MINE ROAD	RED DOG RD	W END
QUAKER HILL CROSS ROAD	RED DOG RD	CRYSTAL WELLS R
QUAKER HILL CROSS ROAD	CRYSTAL WELLS R	BANNER QUAKER H
DUTCH FLAT CROSSING ROAD	LOWELL HILL RD	PLACER CO
LOWELL HILL ROAD	HIGHWAY 20	KAIN'S OUTPOST
LOWELL HILL ROAD	KAIN'S OUTPOST	DEADMANS FLAT R
LOWELL HILL ROAD	DEADMANS FLAT R	MULE SPRING RD
LOWELL HILL ROAD	MULE SPRING RD	DUTCH FLAT CROS
LOWELL HILL ROAD	DUTCH FLAT CROS	MILES GRAVEL PL

LOWELL HILL ROAD	MILES GRAVEL PL	STEEP HOLLOW
LOWELL HILL ROAD	STEEP HOLLOW	RED DOG RD
PARK AVENUE EXTENSION	SOLARO DR	RED DOG RD
RED DOG ROAD	BANNER LAVA CAP	BUCKEYE RD
RED DOG ROAD	BUCKEYE RD	EDGEWATER CT
RED DOG ROAD	EDGEWATER CT	GREENHORN CREEK
RED DOG ROAD	GREENHORN CREEK	CHALK BLUFF RD
RED DOG ROAD	CHALK BLUFF RD	END PAVEMENT
AIRPORT ROAD	LAKE VERA PURDO	END OF PAVEMENT
AIRPORT ROAD	END PAVEMENT	END COUNTY MAIN
AUGUSTINE ROAD	CEMENT HILL RD	END COUNTY MAIN
CEMENT HILL ROAD	NEVADA CITY COR	WHISPERING OAKS
CEMENT HILL ROAD	WHISPERING OAKS	AUGUSTINE RD
CEMENT HILL ROAD	AUGUSTINE RD	END COUNTY MAIN
BLUE TENT SCHOOL ROAD	N BLOOMFIELD GR	COOPER RD
COOPER ROAD	N BLOOMFIELD GR	END PAVEMENT
COOPER ROAD	END PAVEMENT	ARBOGAST RANCH
COOPER ROAD	ARBOGAST RANCH	LIGHTNING TREE
COOPER ROAD	LIGHTNING TREE	MADRONE SPRINGS
COYOTE STREET	NEVADA CITY COR	N BLOOMFIELD GR
INDIAN FLAT ROAD	HIGHWAY 49	COUNTRY CIR
INDIAN FLAT ROAD	COUNTRY CIR	START PAVEMENT
INDIAN FLAT ROAD	START PAVEMENT	CEMENT HILL RD
LAKE VERA-PURDON ROAD	N BLOOMFIELD GR	SELBY LN
LAKE VERA-PURDON ROAD	SELBY LN	LAKE VERA BRIDG
NEW ROME ROAD	LAKE VERA PURDO	END OF PAVEMENT
NEW ROME ROAD	END PAVEMENT	END COUNTY MAIN
PURDON ROAD	LAKE VERA PURDO	ROUND MOUNTAIN
PURDON ROAD	ROUND MOUNTAIN	END CHIP SEAL
PURDON ROAD	END CHIP SEAL	YUBA BRIDGE
RECTOR ROAD	ROCK CREEK RD	RUNNING HORSE R
RECTOR ROAD	RUNNING HORSE R	END OF PAVEMENT
RECTOR ROAD	END OF PAVEMENT	PURDON RD
ROCK CREEK ROAD	LAKE VERA PURDO	RECTOR RD
ROCK CREEK ROAD	RECTOR RD	END OF PAVEMENT

ROCK CREEK ROAD	END OF PAVEMENT	ROCK CREEK BRID
ROCK CREEK ROAD	ROCK CREEK BRID	HUDSON WY
ROCK CREEK ROAD	HUDSON WY	BLOOMFIELD RD
WET HILL ROAD	N BLOOMFIELD GR	CEMENT HILL RD
DOW ROAD	LEWIS RD	HIGHWAY 20
GENASCI ROAD	LEWIS RD	WILLOW VALLEY R
LEWIS ROAD	WILLOW VALLEY R	GENASCI RD
MANZANITA DIGGINS DRIVE	HIGHWAY 20	E END
OLD WASHINGTON ROAD	NEVADA CITY COR	END COUNTY MAIN
SCOTTS FLAT ROAD	HIGHWAY 20	SCOTTS VALLEY R
SCOTTS FLAT ROAD	SCOTTS VALLEY R	SCOTTS FLAT DAM
SCOTTS FLAT ROAD	SCOTTS FLAT DAM	ALPINE MEADOW C
SCOTTS VALLEY ROAD	WILLOW VALLEY R	1-2 LANE TRANSI
SCOTTS VALLEY ROAD	1-2 LANE TRANSI	SCOTTS FLAT RD
WILLOW VALLEY ROAD	NEVADA CITY COR	MOSQUITO CREEK
WILLOW VALLEY ROAD	MOSQUITO CREEK	SCOTTS VALLEY R
WILLOW VALLEY ROAD	SCOTTS VALLEY R	END CHIP SEAL
WILLOW VALLEY ROAD	END CHIP SEAL	PAVEMENT
WILLOW VALLEY ROAD	PAVEMENT	HIGHWAY 20
MAYBERT ROAD	WASHINTGON RD	END PAVEMENT
MAYBERT ROAD	END PAVEMENT	CANYON CREEK BR
ALPHA ROAD	WASHINGTON RD	END COUNTY MAIN
RELIEF HILL ROAD	END OF CHIP SEAL	GASTON RD

PROJECT DESCRIPTION: This project will enhance the County's 5 year vegetation management plan by providing intensive vegetation management on approximately 200 miles of County roads. A portion of the work will be completed by Road staff and the majority of the work will be contracted out.

PROJECT JUSTIFICATION: Vegetation management is a Board priority. The County was fortunate to be awarded a CAL FIRE grant for this work. Matching funds will vary and will consist of RMRA and/or HUTA funds.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2021-2022	CAL FIRE Grant	\$868,084
	RMRA	Varies
	HUTA	Varies
	TOTAL	\$868,084*

** Plus matching funds using RMRA and HUTA. See Road Maintenance and Rehabilitation Program funding.*

SUPERVISORIAL DISTRICT: All

2022 THERMOPLASTIC AND MMA SAFETY PROJECT

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The proposed thermoplastic and Methyl Methacrylate (MMA) striping and recessed pavement markers will be placed on existing road surfaces in accordance with Caltrans standards.

PROJECT JUSTIFICATION: Local HSIP projects must be identified on the basis of crash experience, crash potential, crash rate, or other data-supported means to address safety issues on local roadways.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2022	Federal (HSIP)	\$949,100
	TOTAL	\$949,100
SUPERVISORIAL DISTRICT: All		

2021 GUARDRAIL PROJECT

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The proposed guardrail project will complete an audit along 5.8 miles of county roadways to determine if the guardrail lengths and locations are appropriate, if it is appropriately installed, and whether end treatment repairs are needed, and develop repair and replacement plans. Replacement of guardrail will occur based on the audit.

PROJECT JUSTIFICATION: Local HSIP projects must be identified on the basis of crash experience, crash potential, crash rate, or other data-supported means to address safety issues on local roadways.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2022	Federal (HSIP)*	\$1,001,134
	General Fund MOE	\$25,781
	TOTAL	\$1,026,915

** Funding has been received for design and environmental review. Construction funding is anticipated to be awarded in 2021.*

SUPERVISORIAL DISTRICT: All

2020 HIGH FRICTION SURFACE TREATMENT PROJECT

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The proposed High Friction Surface Treatment Project will install a high friction surface treatment on various curves of various roadways and pavement markers at 21 locations on lower elevation, rural Nevada County roadways for increased safety

PROJECT JUSTIFICATION: Local HSIP projects are identified on the basis of crash experience, crash potential, crash rate, or other data-supported means to address safety issues on local roadways.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2021	Federal (HSIP)	\$1,644,200
TOTAL	TOTAL	\$1,644,200

SUPERVISORIAL DISTRICT: All

SODA SPRINGS RD AT S. YUBA RIVER BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Soda Springs Road at the S. Yuba River - south of Donner Pass Rd.

PROJECT DESCRIPTION: The County of Nevada is proposing to replace and widen the two-span steel girder structure (Bridge No. 17C-0010) over the South Yuba River. The existing bridge was built in 1965 and is located on Soda Springs Road near Van Norden Lake Road. The concrete structure is severely deteriorated and is considered structurally deficient.

PROJECT JUSTIFICATION: The project provides a safe permanent crossing over the South Yuba River on Soda Springs Road since the existing structure is structurally deficient and the roadway is substandard. In addition, the project will resolve maintenance and width issues.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2021-2022	Federal (HBP)	\$2,601,446
	State Exchange	\$2,279
	General fund MOE	\$35,025
	TOTAL	\$2,638,750

SUPERVISORIAL DISTRICT: V

HIRSCHDALE ROAD AT TRUCKEE RIVER BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Hirschdale Road east of Glenshire Drive.

PROJECT DESCRIPTION: Both bridges on Hirschdale Road at the Truckee River and at the Union Pacific Railroad Bridge have been identified as being seismically and structurally substandard. This project scope is expected to retrofit 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 in a state of deterioration and 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
2022-2023	Federal (HBP)	\$5,614,121
	General Fund MOE	\$49,999
	State Exchange	\$4,697
	TOTAL	\$5,668,817

SUPERVISORIAL DISTRICT: V

HIRSCHDALE ROAD AT UPRR HINTON OVERHEAD BRIDGE REPLACEMENT 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
2022-2023	Federal (HBP)	\$1,582,748
	General Fund MOE	\$40,315
	State Exchange	\$982
	TOTAL	\$1,624,045

SUPERVISORIAL DISTRICT: V

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 rehabilitation or replacement scenarios before moving forward with project design and construction.

PROJECT JUSTIFICATION: The project need is to 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
2024-2025	Federal (HBP)	\$5,561,503
	State Exchange	\$1,260
	General fund MOE	\$50,140
	TOTAL	\$5,612,903

SUPERVISORIAL DISTRICT: IV and V

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 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
2022 - 2023	Federal (HBP)	\$5,542,472
	State Exchange	\$1,420
	General Fund MOE	\$50,220
	TOTAL	\$5,594,112

SUPERVISORIAL DISTRICT: II

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. In addition, the project will resolve maintenance and width issues.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2024 - 2025	Federal (HBP)	\$1,645,883
	General fund MOE	\$40,914
	TOTAL	\$1,686,797

SUPERVISORIAL DISTRICT: I

ROCK CREEK ROAD AT ROCK CREEK BRIDGE REPLACEMENT PROJECT



PROJECT LOCATION: Rock Creek Road at Rock Creek

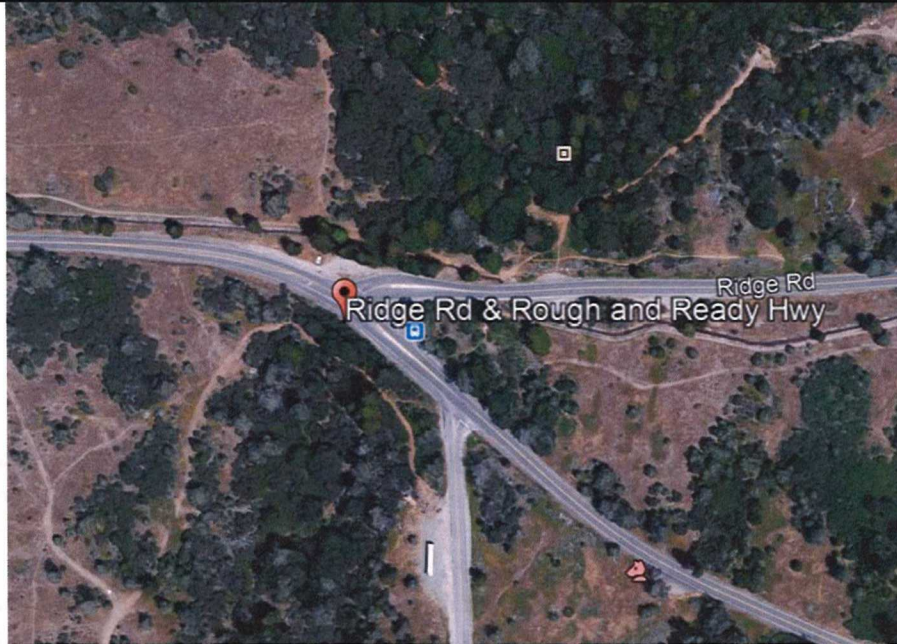
PROJECT DESCRIPTION: The County of Nevada is proposing to replace and widen the existing one lane timber deck bridge (Bridge No. 17C-0057) over Rock Creek. The existing bridge was built in 1920 and is located on Rock Creek Road north of Nevada City. The structure is severely deteriorated and is considered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

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2024	Federal (HBP)	\$2,889,000
	General fund MOE	\$40,667
TOTAL		\$2,929,677
SUPERVISORIAL DISTRICT: I		

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 intersection and the Rough & Ready Highway/Adam Avenue intersection, to one four-legged intersection.

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

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2022-2023	CMAQ	\$1,307,783
	General Fund MOE	\$1,894
	Development Fees	\$205,021
	ATP Grant (Applied for, not yet received)	\$2,707,000
	TOTAL	\$4,221,698

SUPERVISORIAL DISTRICT: III

LOCAL TRAFFIC MITIGATION FEE PROGRAM PROJECTS

PROJECT LOCATION: Various locations.

PROJECT DESCRIPTION: The Local Traffic Mitigation Fee (LTMF) program, administered by the County, was updated in 2017 and includes a number of future improvement and safety projects. In addition to the Ridge Road/Rough and Ready Highway Improvement Project, future projects scheduled for construction outside this 5-year CIP may include:

- Stampede Meadows Widening Project
- State Route 20 at Pleasant Valley Road Improvement Project
- Shoulder Widening and Safety Improvement Projects – Countywide.

Nevada County Transportation Commission (NCTC) completed a regional traffic model update. Nevada County will need to update the Local Traffic Mitigation Fee (LTMF) program, based upon the new traffic model.

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

Year	Funding Source	Current FY Cost
2021-2020	LTMF	\$100,000
	TOTAL	\$100,000

SUPERVISORIAL DISTRICT: All

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 activieies.

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

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

SUPERVISORIAL DISTRICT: All

SB2 PLANNING GRANT

PROJECT LOCATION: Woodridge Drive and Cameo Drive.

PROJECT DESCRIPTION: The California Department of Housing and Community Development awarded Senate Bill 2 (SB 2) Planning Grants Program (PGP) in the amount of \$310,00 to Nevada County for the preparation, adoption and implementation of plans that streamline housing approvals and accelerate housing production.

This project involves the preparation of a water/wastewater analysis, environmental analysis, and plans and specifications for utility infrastructure construction to facilitate the development of two potential housing development sites in southern Nevada County.

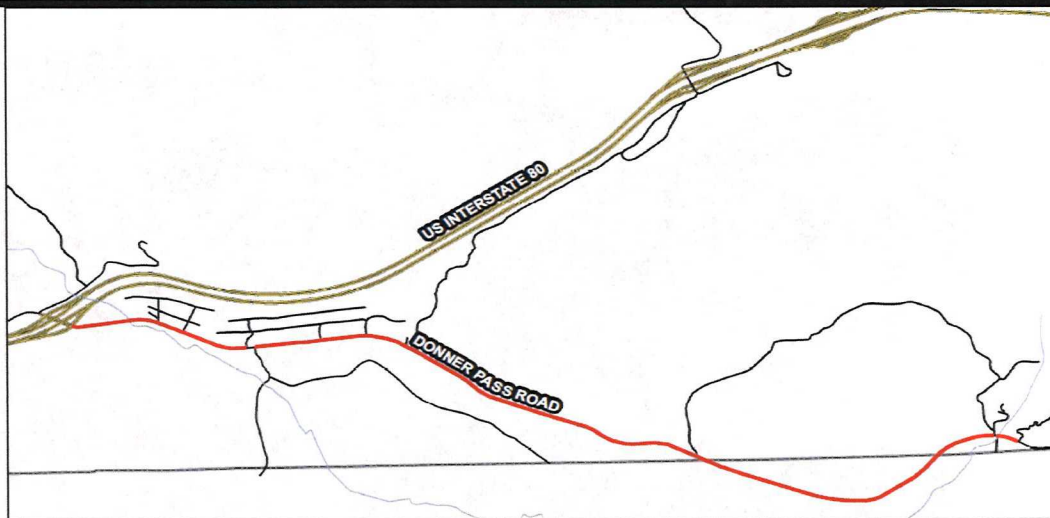
PROJECT JUSTIFICATION: The objective is help facilitate housing development.

PROJECT COST ESTIMATE

Year	Funding Source	Cost
2021	SB2 Planning Grants Program	\$310,000
	TOTAL	\$310,000

SUPERVISORIAL DISTRICT: II

DONNER PASS ROAD RECONSTRUCTION AND WIDENING PROJECT



PROJECT LOCATION: Donner Pass Rd from I-80 to the Town of Truckee Limits.

PROJECT DESCRIPTION: The project will widen and reconstruct Donner Pass Road, improving the structural issues and reducing the amount of maintenance required on the road. The project will also provide a safer bicycling route and better access to trails that connect to other recreational amenities to the north and south. During the winter the widening can provide additional snow storage and improve access to winter recreational destinations. Nevada County received a California Federal Lands Access Program (FLAP) grant for this project in 2015. The project will be managed and delivered by the Central Federal Lands Highway Division (CFLHD).

PROJECT JUSTIFICATION: The proposed improvements would remedy several ongoing challenges with regard to this segment of Donner Pass Road: 1) moderate to severe roadway degradation that occurs as a result of extreme weather conditions in this high altitude pass, and that necessitates frequent maintenance; 2) safety issues for bicyclists and motorists due to lack of bicycle lanes, shoulders, and recovery zone; and 3) lack of access to trails and other recreational and historic sites in or near the Tahoe National Forest.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2020-2021	Other (FLAP) *	\$20,456,138
	General Fund MOE	\$365,647
	State Exchange	\$127,998
	RSTP	\$160,000
TOTAL	TOTAL	\$21,109,783

* Since project is being managed and constructed by CFLHD, the FLAP funding is shown but managed by CFLHD, portions of this cost are to be directly reimbursed by utility companies

SUPERVISORIAL DISTRICT: V

TRANSIT BUS STOP IMPROVEMENT PROJECTS



PROJECT LOCATION: Various

PROJECT DESCRIPTION: The project will construct transit bus stop improvements at various locations in Nevada County. 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 projects.

PROJECT JUSTIFICATION: The project will modernize existing bus stops on the Gold Country Stage bus system. The project includes the construction of concrete pads, benches, paved turnouts, bus shelters, and railings as necessary to meet Americans with Disabilities Act (ADA) Standards.

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2021	Prop IB PTMISEA	\$200,000
	TOTAL	\$200,000

SUPERVISORIAL DISTRICT: III

TRANSIT SERVICES FACILITY IMPROVEMENT PROJECT



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

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2021-2022	Prop IB PTMISEA	\$500,000
	TOTAL	\$500,000

SUPERVISORIAL DISTRICT: All

DEPOT SLOW CHARGER AND ON-ROUTE FAST CHARGER PROJECT



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

PROJECT DESCRIPTION: The project will construct infrastructure charging equipment, including overnight trickle chargers for the bus yard and an on-route fast charger at the transfer center, 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
2021-2022	Federal EPA Targeted Airshed Grant Program	\$618,500
	TOTAL	\$618,500

SUPERVISORIAL DISTRICT: All

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). Engineering staff will provide project support to the Solid Waste Division as needed, primarily focusing on engineering and design review, constructability, and assistance in the preparation of project plans, specifications, and cost estimates.

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. See project website for more info: [McCourtney Rd. Transfer Station Renovation Project | Nevada County, CA \(mynevadacounty.com\)](http://mynevadacounty.com)

PROJECT COST ESTIMATE

Construction Year	Funding Source	Cost
2021-2023	Solid Waste	\$21,000,000
	TOTAL	\$21,000,000

SUPERVISORIAL DISTRICT: All

Section 3. Fiscal Year Financial Pro Formas

FISCAL YEAR 2020/2021

CAPITAL PROJECTS	Expenditures	Discretionary Funding						Restricted Funding					
		HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Bridges:	\$1,258,224	\$0	\$34,414	\$0	\$0	\$0	\$0	\$1,223,809	\$0	\$0	\$0	\$0	\$0
Development Fee Projects:	\$314,030	\$0	\$0	\$0	\$0	\$0	\$0	\$314,030	\$0	\$0	\$0	\$0	\$0
Safety Projects:	\$1,235,792	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$1,195,792	\$0	\$0	\$0	\$0	\$0
Shoulder Improvements:	\$19,627,067	\$0	\$340,000	\$0	\$0	\$156,372	\$0	\$0	\$0	\$0	\$0	\$0	\$19,130,695
Other Divisions:	\$1,150,048	\$0	\$0	\$0	\$0	\$150,048	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
SUBTOTAL:	\$23,585,161	\$20,000	\$394,414	\$0	\$0	\$156,372	\$150,048	\$2,733,632	\$0	\$0	\$0	\$0	\$20,130,695
MAINTENANCE	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Roadway Preservation:	\$1,223,574	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,223,574	\$0	\$0	\$0	\$0
Drainage and Shoulder Maintenance:	\$283,563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$283,563	\$0	\$0	\$0	\$0
Vegetation Control:	\$1,553,371	\$0	\$0	\$0	\$0	\$0	\$547,141	\$0	\$1,006,230	\$0	\$0	\$0	\$0
General Maintenance:	\$4,103,826	\$2,659,446	\$147,790	\$0	\$386,695	\$645,303	\$25,092	\$0	\$0	\$145,958	\$43,542	\$0	\$0
Equipment Program:	\$173,639	\$0	\$0	\$0	\$0	\$0	\$173,639	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL:	\$7,337,973	\$2,659,446	\$147,790	\$0	\$386,695	\$645,303	\$745,872	\$0	\$2,513,367	\$145,958	\$43,542	\$0	\$0
OVERHEAD	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
701 - Admin	\$1,764,754	\$400,851	\$530,433	\$0	\$0	\$0	\$783,470	\$0	\$0	\$50,000	\$0	\$0	\$0
702 - Engineering	\$633,429	\$54,730	\$342,928	\$0	\$0	\$0	\$145,161	\$0	\$0	\$90,610	\$0	\$0	\$0
703 - Maintenance	\$992,147	\$376,914	\$379,203	\$0	\$0	\$0	\$0	\$0	\$200,000	\$30,000	\$6,030	\$0	\$0
SUBTOTAL:	\$3,390,330	\$832,495	\$1,252,564	\$0	\$0	\$0	\$928,631	\$0	\$200,000	\$170,610	\$6,030	\$0	\$0
FY TOTAL:	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
	\$34,313,464	\$3,511,941	\$1,794,768	\$0	\$386,695	\$801,675	\$1,824,551	\$2,733,632	\$2,713,367	\$316,568	\$49,572	\$0	\$20,130,695

FUNDING ANALYSIS												
	Discretionary Funding						Restricted Funding					
	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
BEGINNING BALANCE:	\$3,208,707	\$0	\$268,334	\$0	\$815,421	\$91,352	\$0	\$1,114,197	\$3,268,781	\$237,751	\$312,595	\$0
PROJECTED REVENUES:	\$2,956,158	\$1,794,768	\$90,000	\$386,695	\$616,004	\$1,733,199	\$2,733,632	\$2,563,437	\$613,518	\$25,743	\$180,000	\$20,130,695
BUDGETED EXPENDITURES:	(\$3,511,941)	(\$1,794,768)	\$0	(\$386,695)	(\$801,675)	(\$1,824,551)	(\$2,733,632)	(\$2,713,367)	(\$316,568)	(\$49,572)	\$0	(\$20,130,695)
ENDING BALANCE:	\$2,652,924	\$0	\$358,334	\$0	\$629,750	\$0	\$0	\$964,267	\$3,565,731	\$213,922	\$492,595	\$0

* CSAC Projections - % Applied: 95%
HUTA/New HUTA Inflatior: 2%
Measure F Inflatior: 2%

FISCAL YEAR 2021/2022

		Discretionary Funding						Restricted Funding					
		HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
CAPITAL PROJECTS	Expenditures												
	Bridges: \$4,118,471	\$0	\$92,631	\$0	\$0	\$0	\$0	\$4,025,839	\$0	\$0	\$0	\$0	\$0
	Development Fee Projects: \$641,213	\$0	\$0	\$0	\$0	\$0	\$0	\$541,213	\$0	\$0	\$0	\$100,000	\$0
	Safety Projects: \$2,847,300	\$28,000	\$5,000	\$0	\$0	\$0	\$0	\$2,814,300	\$0	\$0	\$0	\$0	\$0
	Shoulder Improvements: \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Other Divisions: \$14,108,414	\$0	\$0	\$0	\$0	\$0	\$145,000	\$0	\$0	\$0	\$0	\$0	\$13,963,414
	SUBTOTAL: \$21,715,398	\$28,000	\$97,631	\$0	\$0	\$0	\$145,000	\$7,381,353	\$0	\$0	\$0	\$100,000	\$13,963,414
MAINTENANCE	Expenditures												
	Roadway Preservation: \$1,229,544	\$1,007	\$0	\$0	\$0	\$0	\$0	\$0	\$1,228,537	\$0	\$0	\$0	\$0
	Drainage and Shoulder Maintenance: \$291,135	\$1,277	\$0	\$0	\$0	\$0	\$0	\$0	\$289,858	\$0	\$0	\$0	\$0
	Vegetation Control: \$1,368,652	\$6,997	\$0	\$0	\$0	\$0	\$320,943	\$0	\$1,040,712	\$0	\$0	\$0	\$0
	General Maintenance: \$4,412,696	\$2,123,413	\$219,556	\$0	\$0	\$957,489	\$25,500	\$0	\$640,534	\$400,000	\$46,204	\$0	\$0
	Equipment Program: \$182,064	\$0	\$0	\$90,000	\$0	\$0	\$182,064	\$0	\$0	\$0	\$0	\$0	\$0
	SUBTOTAL: \$7,484,090	\$2,132,694	\$219,556	\$90,000	\$0	\$957,489	\$528,507	\$0	\$3,199,641	\$400,000	\$46,204	\$0	\$0
OVERHEAD	Expenditures												
	701 - Admin: \$1,811,877	\$366,163	\$500,448	\$0	\$386,695	\$0	\$508,571	\$0	\$0	\$50,000	\$0	\$0	\$0
	702 - Engineering: \$650,343	\$169,758	\$353,680	\$0	\$0	\$0	\$32,905	\$0	\$0	\$94,000	\$0	\$0	\$0
	703 - Maintenance: \$1,018,640	\$121,981	\$659,348	\$0	\$0	\$0	\$0	\$0	\$200,000	\$30,000	\$7,311	\$0	\$0
	SUBTOTAL: \$3,480,860	\$657,902	\$1,513,476	\$0	\$386,695	\$0	\$541,476	\$0	\$200,000	\$174,000	\$7,311	\$0	\$0
FY TOTAL:	Expenditures												
	\$32,680,348	\$2,818,596	\$1,830,663	\$90,000	\$386,695	\$957,489	\$1,214,983	\$7,381,353	\$3,399,641	\$574,000	\$53,515	\$100,000	\$13,963,414

		FUNDING ANALYSIS											
		HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
	BEGINNING BALANCE:	\$2,652,924	\$0	\$358,334	\$0	\$629,750	\$0	\$0	\$964,267	\$3,565,731	\$213,922	\$492,595	\$0
	PROJECTED REVENUES:	\$3,618,337	\$1,830,663	\$90,000	\$386,695	\$622,164	\$1,214,983	\$7,381,353	\$3,076,124	\$616,586	\$25,743	\$184,500	\$13,963,414
	BUDGETED EXPENDITURES:	(\$2,818,596)	(\$1,830,663)	(\$90,000)	(\$386,695)	(\$957,489)	(\$1,214,983)	(\$7,381,353)	(\$3,399,641)	(\$574,000)	(\$53,515)	(\$100,000)	(\$13,963,414)
	ENDING BALANCE:	\$3,452,666	\$0	\$358,334	\$0	\$294,425	\$0.00	\$0	\$640,750	\$3,608,317	\$186,150	\$577,095	\$0

* CSAC Projections - % Applied: 95%
HUTA/New HUTA Inflation: 2%
Measure F Inflation: 2%

FISCAL YEAR 2022/2023

CAPITAL PROJECTS	Expenditures	Discretionary Funding						Restricted Funding					
		HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Bridges:	\$10,367,364	\$0	\$95,525	\$0	\$0	\$0	\$0	\$10,271,839	\$0	\$0	\$0	\$0	\$0
Development Fee Projects:	\$3,212,722	\$0	\$0	\$0	\$0	\$0	\$0	\$3,007,701	\$0	\$0	\$0	\$205,021	\$0
Safety Projects:	\$1,223,000	\$35,000	\$7,600	\$0	\$0	\$0	\$0	\$1,180,400	\$0	\$0	\$0	\$0	\$0
Shoulder Improvements:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Divisions:	\$5,860,871	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,860,871
SUBTOTAL:	\$20,663,957	\$35,000	\$103,125	\$0	\$0	\$0	\$0	\$14,459,939	\$0	\$0	\$0	\$205,021	\$5,860,871
MAINTENANCE	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Roadway Preservation:	\$1,234,594	\$1,029	\$0	\$0	\$0	\$0	\$0	\$0	\$1,233,565	\$0	\$0	\$0	\$0
Drainage and Shoulder Maintenance:	\$297,540	\$1,305	\$0	\$0	\$0	\$0	\$0	\$0	\$296,235	\$0	\$0	\$0	\$0
Vegetation Control:	\$1,077,819	\$7,151	\$0	\$0	\$0	\$0	\$0	\$0	\$1,070,668	\$0	\$0	\$0	\$0
General Maintenance:	\$4,515,440	\$3,372,669	\$170,147	\$0	\$0	\$490,594	\$26,010	\$0	\$0	\$408,800	\$47,220	\$0	\$0
Equipment Program:	\$180,411	\$0	\$0	\$0	\$0	\$0	\$180,411	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL:	\$7,305,805	\$3,382,154	\$170,147	\$0	\$0	\$490,594	\$206,421	\$0	\$2,600,468	\$408,800	\$47,220	\$0	\$0
OVERHEAD	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
701 - Admin	\$1,851,738	\$406,220	\$928,754	\$0	\$0	\$0	\$466,764	\$0	\$0	\$50,000	\$0	\$0	\$0
702 - Engineering	\$664,651	\$159,576	\$22,380	\$0	\$386,695	\$0	\$0	\$0	\$0	\$96,000	\$0	\$0	\$0
703 - Maintenance	\$1,041,050	\$91,366	\$642,870	\$0	\$0	\$0	\$76,814	\$0	\$200,000	\$30,000	\$0	\$0	\$0
SUBTOTAL:	\$3,557,439	\$657,162	\$1,594,004	\$0	\$386,695	\$0	\$543,579	\$0	\$200,000	\$176,000	\$0	\$0	\$0
FY TOTAL:	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
	\$31,527,201	\$4,074,316	\$1,867,276	\$0	\$386,695	\$490,594	\$750,000	\$14,459,939	\$2,800,468	\$584,800	\$47,220	\$205,021	\$5,860,871

FUNDING ANALYSIS												
	Discretionary Funding						Restricted Funding					
	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
BEGINNING BALANCE:	\$3,452,666	\$0	\$358,334	\$0	\$294,425	\$0	\$0	\$640,750	\$3,608,317	\$186,150	\$577,095	\$0
PROJECTED REVENUES:	\$3,690,704	\$1,867,276	\$90,000	\$386,695	\$628,386	\$750,000	\$14,459,939	\$3,180,000	\$619,669	\$25,743	\$189,113	\$5,860,871
BUDGETED EXPENDITURES:	(\$4,074,316)	(\$1,867,276)	\$0	(\$386,695)	(\$490,594)	(\$750,000)	(\$14,459,939)	(\$2,800,468)	(\$584,800)	(\$47,220)	(\$205,021)	(\$5,860,871)
ENDING BALANCE:	\$3,069,054	\$0	\$448,334	\$0	\$432,217	\$0	\$0	\$1,020,282	\$3,643,186	\$164,673	\$561,187	\$0

* CSAC Projections - % Applied: 95%
 HUTA/New HUTA Inflation: 2%
 Measure F Inflation: 2%

FISCAL YEAR 2023/2024

CAPITAL PROJECTS	Expenditures	Discretionary Funding						Restricted Funding					
		HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Bridges:	\$1,251,000	\$0	\$25,000	\$0	\$0	\$0	\$0	\$1,226,000	\$0	\$0	\$0	\$0	\$0
Development Fee Projects:	\$148,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$148,868	\$0
Safety Projects:	\$850,000	\$85,000	\$0	\$0	\$0	\$0	\$0	\$765,000	\$0	\$0	\$0	\$0	\$0
Shoulder Improvements:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Divisions:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL:	\$2,249,868	\$85,000	\$25,000	\$0	\$0	\$0	\$0	\$1,991,000	\$0	\$0	\$0	\$148,868	\$0
MAINTENANCE	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Roadway Preservation:	\$1,239,755	\$1,051	\$0	\$0	\$0	\$0	\$0	\$0	\$1,238,704	\$0	\$0	\$0	\$0
Drainage and Shoulder Maintenance:	\$304,086	\$1,334	\$0	\$0	\$0	\$0	\$0	\$0	\$302,752	\$0	\$0	\$0	\$0
Vegetation Control:	\$1,101,531	\$7,308	\$0	\$0	\$0	\$0	\$0	\$0	\$1,094,223	\$0	\$0	\$0	\$0
General Maintenance:	\$4,620,682	\$2,203,828	\$1,132,068	\$0	\$0	\$430,859	\$26,530	\$0	\$364,603	\$417,794	\$45,000	\$0	\$0
Equipment Program:	\$178,760	\$0	\$0	\$240,000	\$0	\$0	\$178,760	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL:	\$7,444,814	\$2,213,521	\$1,132,068	\$240,000	\$0	\$430,859	\$205,290	\$0	\$3,000,282	\$417,794	\$45,000	\$0	\$0
OVERHEAD	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
701 - Admin	\$1,892,476	\$1,093,031	\$189,735	\$0	\$0	\$0	\$559,710	\$0	\$0	\$50,000	\$0	\$0	\$0
702 - Engineering	\$679,273	\$161,902	\$30,676	\$0	\$386,695	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0
703 - Maintenance	\$1,063,953	\$306,810	\$527,143	\$0	\$0	\$0	\$0	\$0	\$200,000	\$30,000	\$0	\$0	\$0
SUBTOTAL:	\$3,635,702	\$1,561,743	\$747,554	\$0	\$386,695	\$0	\$559,710	\$0	\$200,000	\$180,000	\$0	\$0	\$0
FY TOTAL:	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
	\$13,330,384	\$3,860,265	\$1,904,622	\$240,000	\$386,695	\$430,859	\$765,000	\$1,991,000	\$3,200,282	\$597,794	\$45,000	\$148,868	\$0

FUNDING ANALYSIS													
	Discretionary Funding						Restricted Funding						
	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other	
BEGINNING BALANCE:	\$3,069,054	\$0	\$448,334	\$0	\$432,217	\$0	\$0	\$1,020,282	\$3,643,186	\$164,673	\$561,187	\$0	
PROJECTED REVENUES:	\$3,764,518	\$1,904,622	\$90,000	\$386,695	\$640,954	\$765,000	\$1,991,000	\$3,180,000	\$622,767	\$25,743	\$193,841	\$0	
BUDGETED EXPENDITURES:	(\$3,860,265)	(\$1,904,622)	(\$240,000)	(\$386,695)	(\$430,859)	(\$765,000)	(\$1,991,000)	(\$3,200,282)	(\$597,794)	(\$45,000)	(\$148,868)	\$0	
ENDING BALANCE:	\$2,973,308	\$0	\$298,334	\$0	\$642,311.67	\$0.00	\$0	\$1,000,000	\$3,668,159	\$145,416	\$606,160	\$0	

* CSAC Projections - % Applied: 95%
HUTA/New HUTA Inflation: 2%
Measure F Inflation: 2%

FISCAL YEAR 2024/2025

CAPITAL PROJECTS	Expenditures	Discretionary Funding						Restricted Funding					
		HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Bridges:	\$7,278,900	\$0	\$50,000	\$0	\$0	\$0	\$0	\$7,228,900	\$0	\$0	\$0	\$0	\$0
Development Fee Projects:	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$0
Safety Projects:	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Shoulder Improvements:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Divisions:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL:	\$8,428,900	\$0	\$50,000	\$0	\$0	\$0	\$0	\$7,228,900	\$0	\$0	\$0	\$800,000	\$0
MAINTENANCE	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
Roadway Preservation:	\$1,245,030	\$1,075	\$0	\$0	\$0	\$0	\$0	\$0	\$1,243,955	\$0	\$0	\$0	\$0
Drainage and Shoulder Maintenance:	\$310,776	\$1,363	\$0	\$0	\$0	\$0	\$0	\$0	\$309,413	\$0	\$0	\$0	\$0
Vegetation Control:	\$1,125,765	\$7,469	\$0	\$0	\$0	\$0	\$0	\$0	\$1,118,296	\$0	\$0	\$0	\$0
General Maintenance:	\$4,728,481	\$3,508,684	\$0	\$0	\$0	\$439,476	\$0	\$0	\$308,336	\$426,985	\$45,000	\$0	\$0
Equipment Program:	\$177,108	\$90,000	\$0	\$0	\$0	\$0	\$87,108	\$0	\$0	\$0	\$0	\$0	\$0
SUBTOTAL:	\$7,587,160	\$3,608,591	\$0	\$0	\$0	\$439,476	\$87,108	\$0	\$2,980,000	\$426,985	\$45,000	\$0	\$0
OVERHEAD	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
701 - Admin	\$1,934,110	\$0	\$1,206,218	\$0	\$0	\$0	\$677,892	\$0	\$0	\$50,000	\$0	\$0	\$0
702 - Engineering	\$694,217	\$207,522	\$0	\$0	\$386,695	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0
703 - Maintenance	\$1,087,360	\$208,956	\$648,404	\$0	\$0	\$0	\$0	\$0	\$200,000	\$30,000	\$0	\$0	\$0
SUBTOTAL:	\$3,715,687	\$416,478	\$1,854,622	\$0	\$386,695	\$0	\$677,892	\$0	\$200,000	\$180,000	\$0	\$0	\$0
FY TOTAL:	Expenditures	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
	\$19,731,747	\$4,025,069	\$1,904,622	\$0	\$386,695	\$439,476	\$765,000	\$7,228,900	\$3,180,000	\$606,985	\$45,000	\$800,000	\$0

FUNDING ANALYSIS												
	Discretionary Funding						Restricted Funding					
	HUTA	Gen Fund MOE	Roads ISF	State Exchg	RSTP	1114 Misc	Fed Grants	SB1 - RMRA	CSA/PRD	Trust Funds	Dev Fees	Other
BEGINNING BALANCE:	\$2,973,308	\$0	\$298,334	\$0	\$642,312	\$0	\$0	\$1,000,000	\$3,668,159	\$145,416	\$606,160	\$0
PROJECTED REVENUES:	\$3,764,518	\$1,904,622	\$90,000	\$386,695	\$640,954	\$765,000	\$7,228,900	\$3,180,000	\$622,767	\$25,743	\$193,841	\$0
BUDGETED EXPENDITURES:	(\$4,025,069)	(\$1,904,622)	\$0	(\$386,695)	(\$439,476)	(\$765,000)	(\$7,228,900)	(\$3,180,000)	(\$606,985)	(\$45,000)	(\$800,000)	\$0
ENDING BALANCE:	\$2,712,756	\$0	\$388,334	\$0	\$843,789	\$0.00	\$0	\$1,000,000	\$3,683,942	\$126,159	\$0	\$0

* CSAC Projections - % Applied: 95%
 HUTA/New HUTA Inflation: 2%
 Measure F Inflation: 2%

Capital Improvement Plan

2021 Annual Update



Nevada County Department of Public Works
February 2021



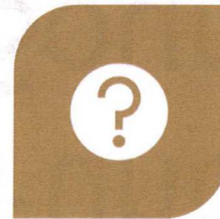
PURPOSE OF THE PRESENTATION



DISCUSS FUNDING SOURCES



DISCUSS UPCOMING MAINTENANCE AND CAPITAL IMPROVEMENT PROJECTS

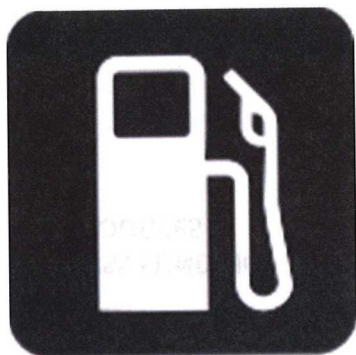


QUESTIONS



APPROVAL OF CAPITAL IMPROVEMENT PLAN





Funding Sources

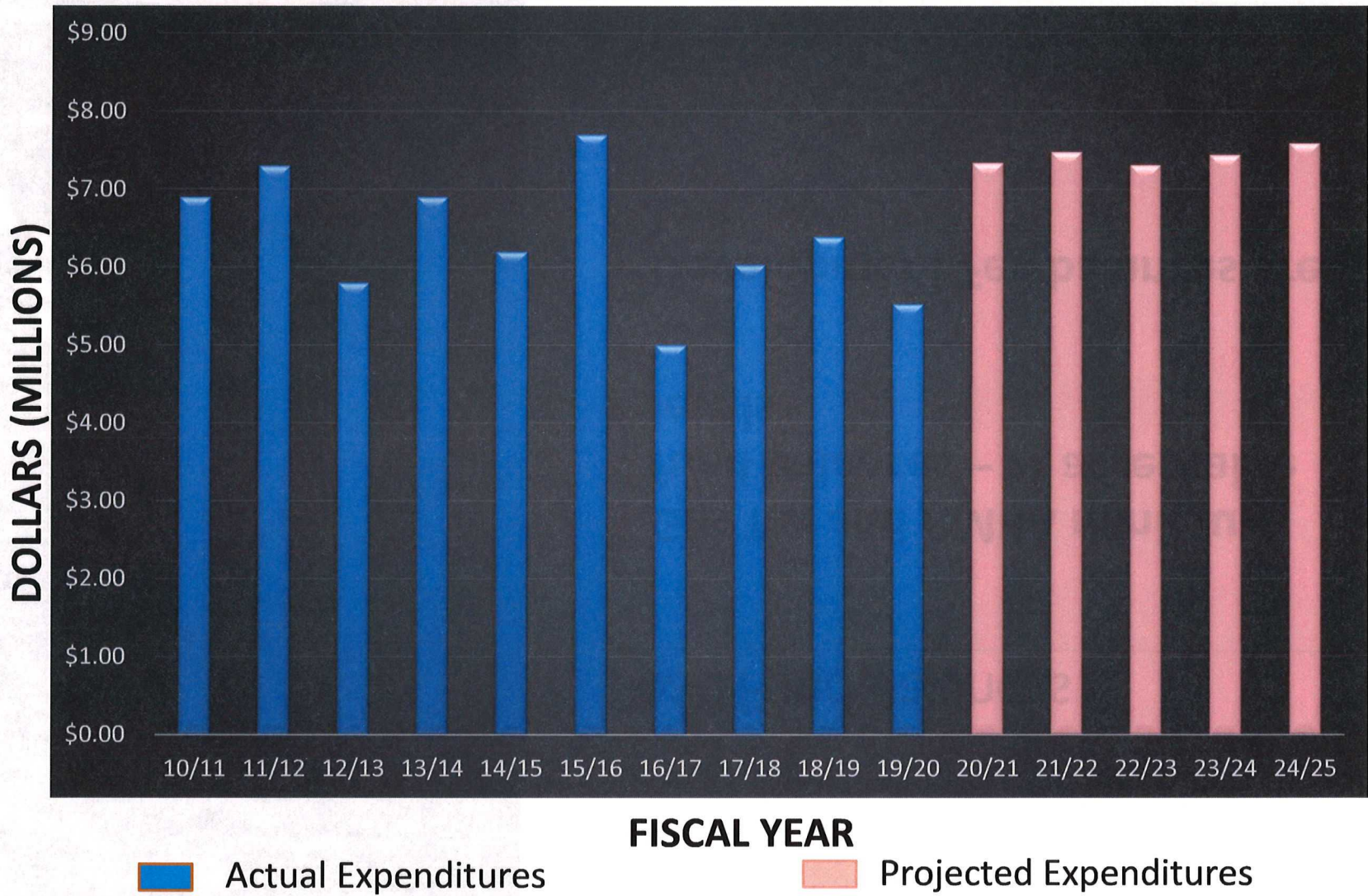




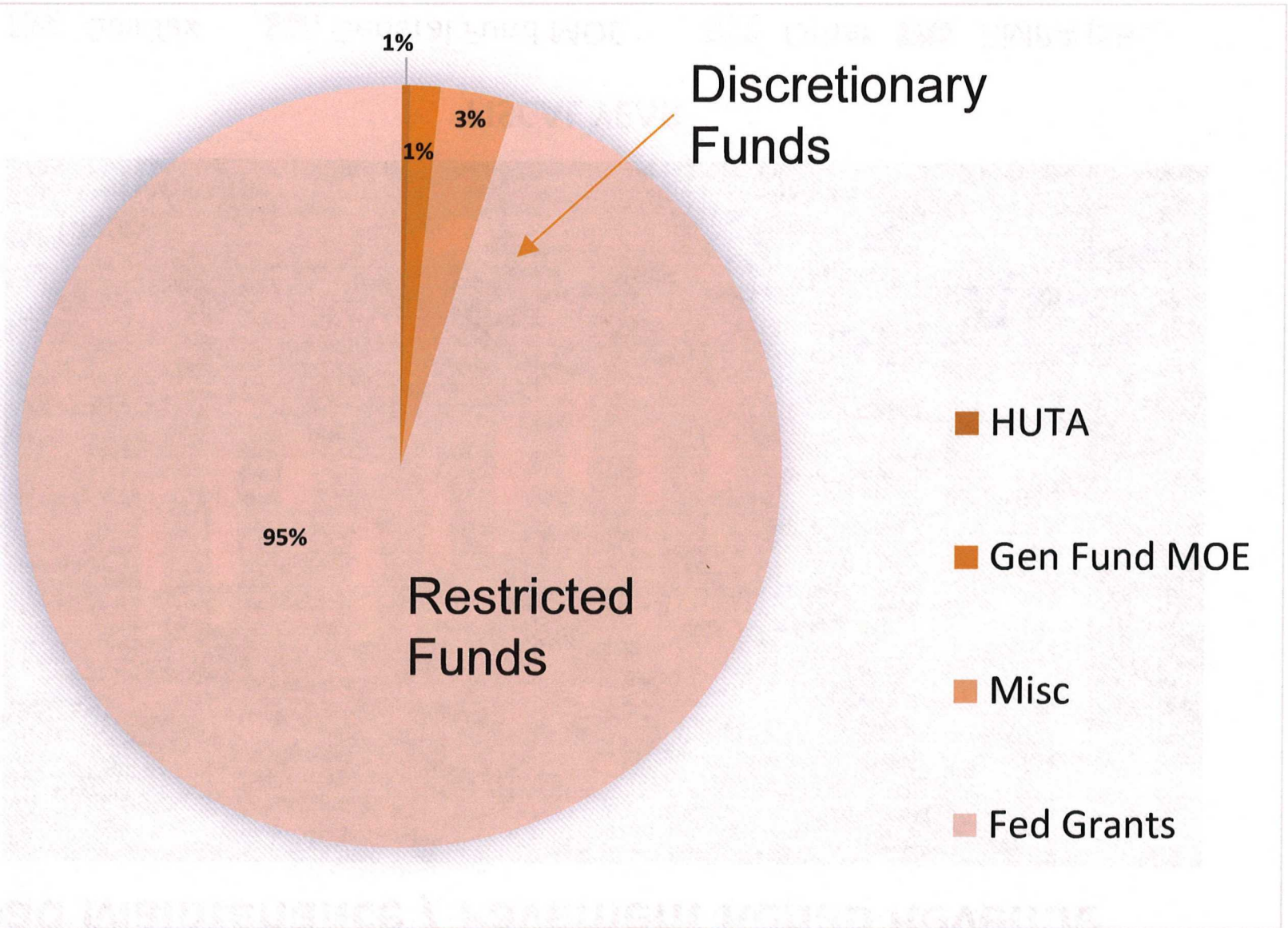
Road Fund Balances

- **Gas Tax and RMRA minimum fund balances – at acceptable levels**
- **Development Fee balances are low**

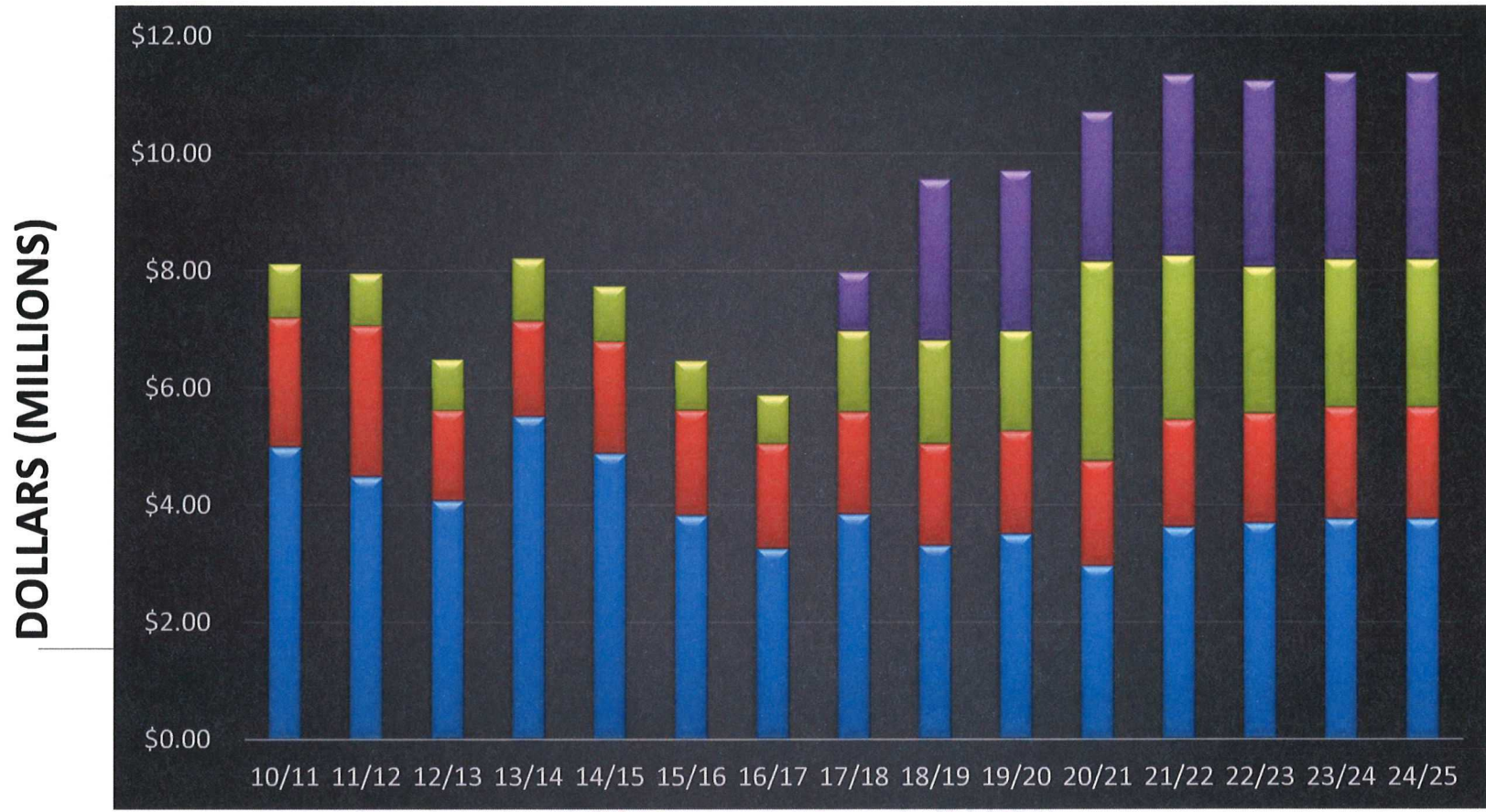
Road Maintenance Expenditures



2021/2022 CIP Revenue Sources ~ \$7.6 Million



Road Maintenance / Pavement Rehab Revenue



FISCAL YEAR

- Gas Tax
- General Fund MOE
- Other
- RMRA (SB1)



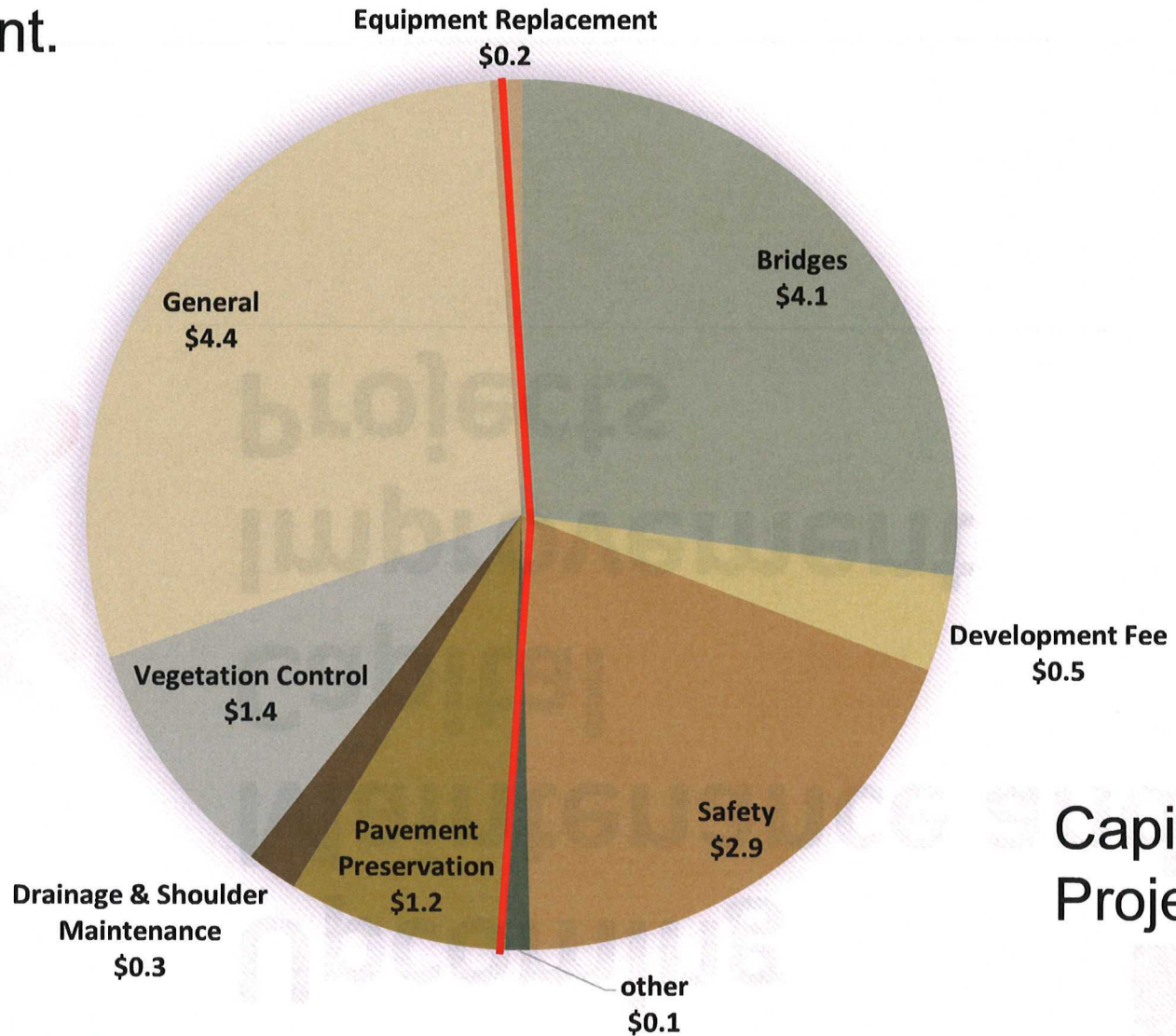


Upcoming Maintenance and Capital Improvement Projects



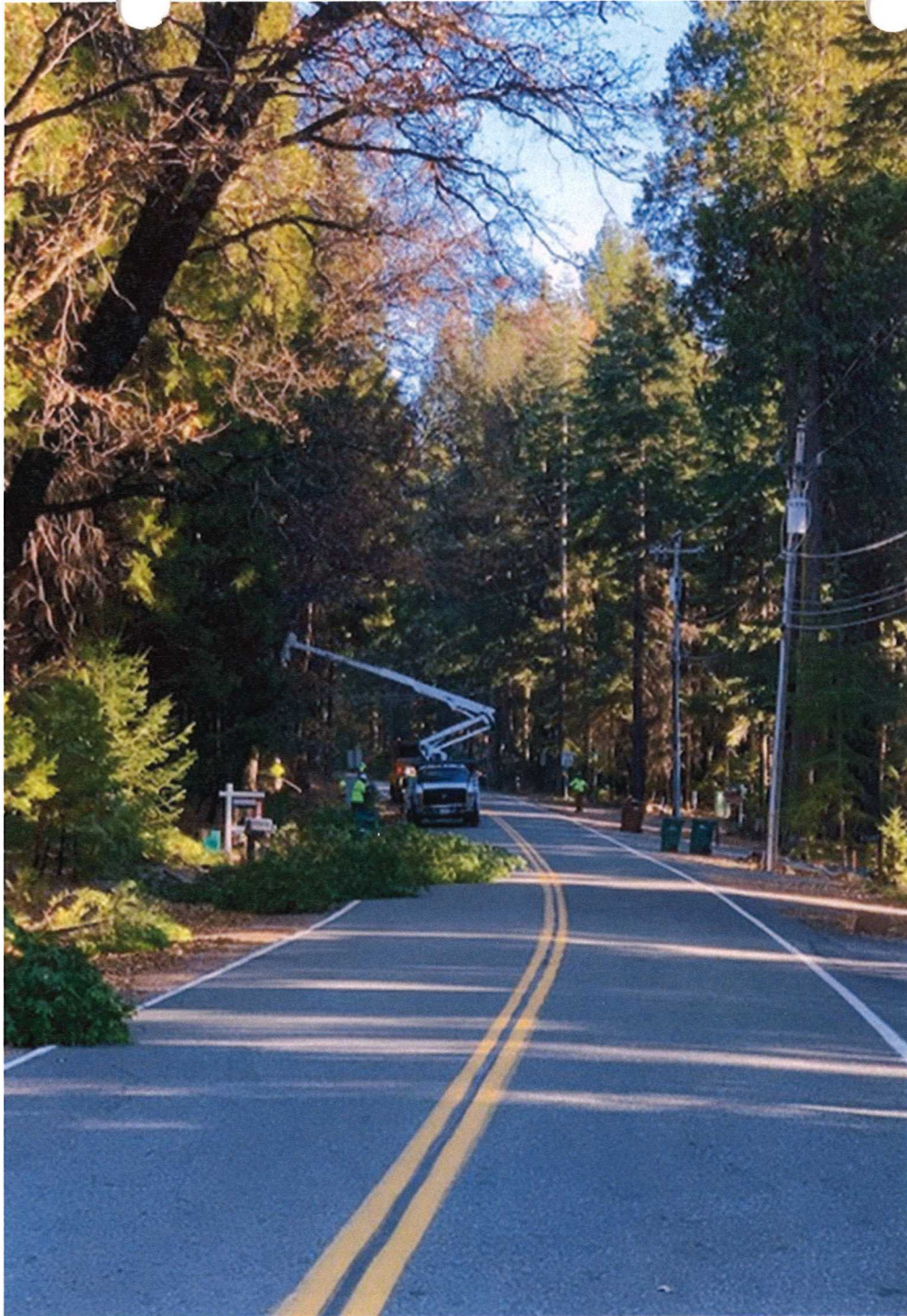
2021/2022 Project Types ~ \$15 Million

Road Maint.
Activities/
Projects



Capital
Projects

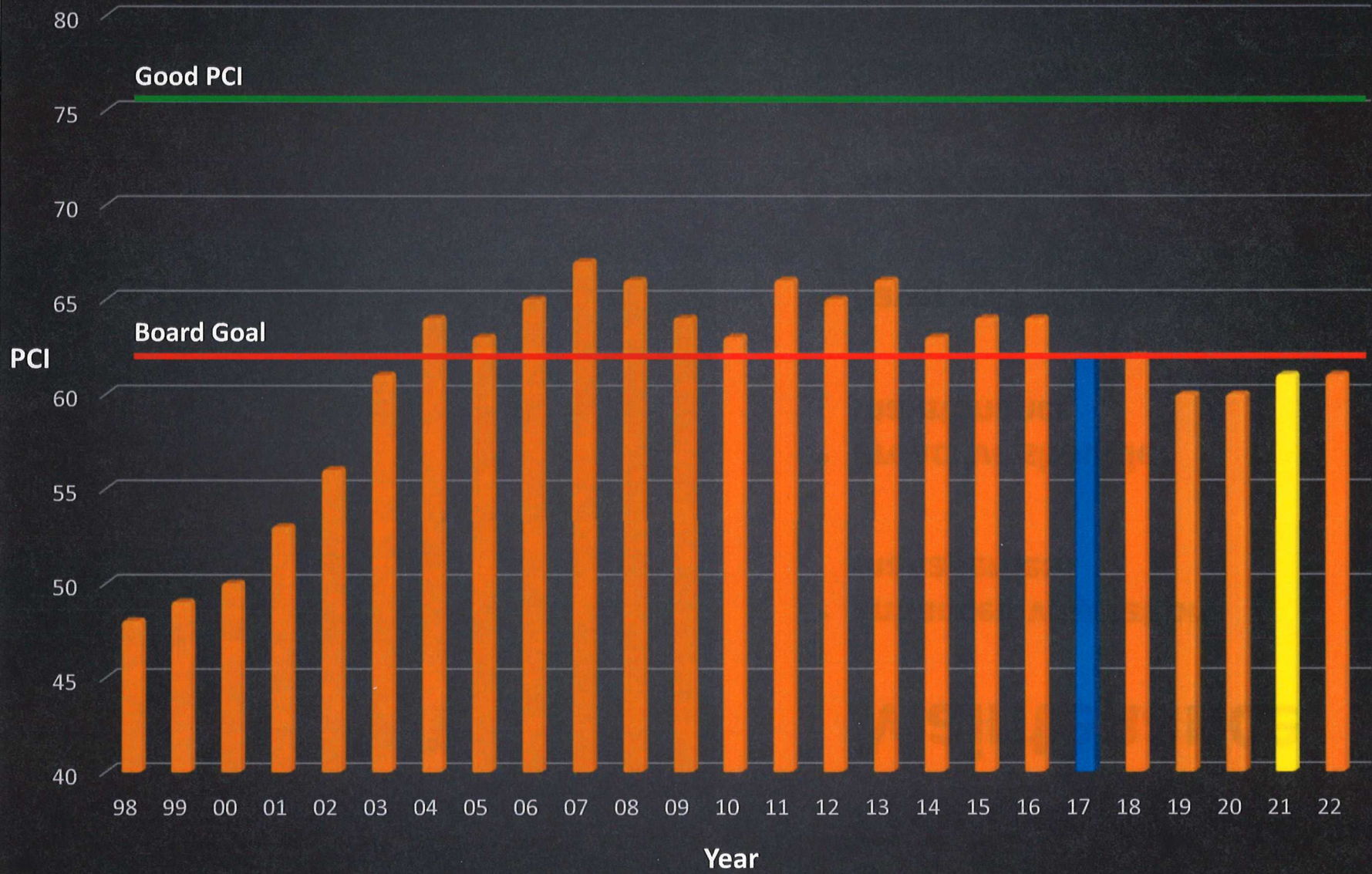




Upcoming Road Maintenance

- **Enhanced vegetation management**
- **Proactive shoulder maintenance**
- **Pavement Maintenance**
- **Snow Removal**
- **Drainage Maintenance**

Nevada County Pavement Condition Index 1998 – 2022



2021 Construction

Project	Type	Approx. Cost
2021 Road Rehabilitation	Road Preservation	\$900,000
2021 Brushing and Shoulder	Road Preservation	\$1,000,000
2020 High Friction Surface Treatment	Safety	\$1,644,200
Annual Countywide Striping Program	Safety	\$300,000
Soda Springs Bridge Replacement	Bridge	\$2,638,750
Transit Bus Stop Improvement	Transit	\$200,000
TOTAL		\$6,682,950
Donner Pass Road (FLAP) Project – Primarily Federally Funded	Road Reconstruction	\$13,963,000

2022-2025 Construction

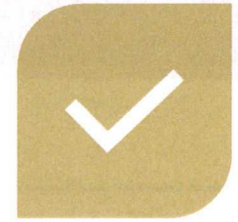
Project	Type	Amount
<u>Key Future Capital Projects</u>		
6 Bridges (2022-2025+)	Bridges	\$20M
Road Rehabilitation/Vegetation/Shoulders	Road Preservation	\$12M
Striping, Guardrail, High Friction Surfaces	Safety	\$3M
Ridge/Rough and Ready Intersection	Intersection	\$2M
Bus Wash Facility at new Operations Center	Transit	\$0.5M
Electric Bus Charging Stations	Transit	\$0.6M
McCourtney Road Transfer Station	Solid Waste	\$21M





Questions





Approval of Capital Improvement Plan

