



MENDOCINO COUNTY DEPARTMENT OF TRANSPORTATION DIRECTOR'S REPORT - PROJECT ACTIVITIES JUNE 2023

Land Improvement (Budget Unit 1910)

National Pollution Discharge Elimination System (NPDES) Phase II – Second Permit

The Mendocino County Department of Transportation (MCDOT) has developed and is currently implementing programs to comply with Mendocino County's NPDES Phase II Permit. Trash Capture Devices were installed to bring the Fort Bragg area into compliance. A consultant is currently developing the plans and specifications to install approximately 38 devices in the Ukiah area, including Calpella and Redwood Valley. These costs are being paid for through American Plan Rescue Act (ARPA) funds.

Road Fund (Budget Unit 3010)

Road Maintenance

Road maintenance crews continue to clear trees and mudslides along county roads from the winter storms including:

- Fish Rock Road from Milepost (M.P.) 0.00 to M.P. 28.84 is now open - tree clearing has been completed;
- Usal Road is open from Highway 1 to the beach/ camping area, but closed from north of the beach to 4 Corners (Briceland Road intersection) until further notice due to downed trees;
- Briceland Road is closed from 4 Corners to Needle Rock Visitors Center until further notice due to slides;
- Fort Bragg-Sherwood Road is closed from M.P. 5.08 to M.P. 27.54 due to downed trees;
- Navarro Ridge Road is closed from M.P. 8.82 to M.P. 13.10 due to downed trees; and
- Ten Mile Road is closed from M.P. 0.18 to M.P. 1.68 due to downed trees.

Road maintenance crews continue to grade gravel roads, perform roadside mowing, and complete striping operations as time allows.

Storm Damage (Budget Unit 3030)

2019 Storm Damage Projects

The following 2019 Storm Damage projects are anticipated to be completed in the 2023 summer construction season:

- Mountain View Road, County Road (CR) 510, at M.P. 13.95,
- Mountain View Road, CR 510, at M.P. 20.00, and
- Briceland Road, CR 435, at M.P. 4.79.

2023 Storm Damage Projects

Storm damage to roads incurred during the December – January 2023 severe winter storms are eligible for reimbursement through the Federal Highway Administration (FHWA) and the Federal Emergency Management Agency (FEMA). DOT has submitted grant applications for the following storm damage sites:

- Mendocino Pass Road, CR 338, at M.P. 15.50,
- Mendocino Pass Road, CR 338, at M.P. 16.75,
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- Fish Rock Road, CR 122, at M.P. 19.75,
- Reeves Canyon Road, CR 219, at M.P. 1.00,
- Laytonville-Dos Rios Road, CR 322, at M.P. 3.91,
- Zenia Road, CR 337, at M.P. 0.55,
- Briceland Road, CR 435, at M.P. 4.79
- Old Stage Road, CR 502, at M.P. 3.03,
- Peacock Drive, CR 619, at M.P. 0.50, and
- Buckeye Lane, CR 650A, at M.P. 0.50.

Roads and Bridges (Budget Unit 3041)

Bridge Seismic Retrofit Program

After the 1998 Loma Prieta Earthquake, California identified state funds to pay the 20% federal match applicable to the FHWA Highway Bridge Replacement and Rehabilitation (HBRR) Program. Right of way and construction phases are eligible for federal reimbursement of 88.53% and to use the State's share of Proposition 1B Local Bridge Seismic Retrofit Account (LBSRA). LBSRA will provide the 11.47% match to the FHWA Bridge Program (HBP) for right of way acquisition and construction. Throughout the 1990's, MCDOT utilized the program to make the necessary seismic corrections to the bridges identified as needing seismic retrofitting. The Eureka Hill Road Bridge over the Garcia River is the last of the County's seismic retrofit projects. Construction on this project began last summer and is anticipated to be completed in the 2023 summer construction season.

Corrective/Preventative Maintenance Program

The January 8, 2019 Director's Report outlined a 20-year plan for expenditures under the Road Repair and Accountability Act of 2017 , Senate Bill 1 (SB 1) in order to meet moderate Pavement Condition Index (PCI) improvement goals by using a combination of pavement preservation and corrective maintenance activities. The 2023 Corrective/Preventative Maintenance Project (Year 5) consists of recycling the current roadway for a base followed by a double chipseal on the full length of Philo Greenwood Road from M.P. 0.00 to M.P. 18.00, and the full length of Cameron Road from M.P. 0.00 to M.P. 5.72. The contract has been awarded to Northwest Paving, Inc. and is anticipated to be completed in the 2023 summer construction season.

Highway Bridge Program (HBP)

Replacement of the Ackerman Creek Bridge at North State Street has a federal reimbursement rate of 88.53% with an 11.47% local match. Mendocino College has provided much of the local match funding for this project from their portion of the City of Ukiah Regional Development Authority (RDA) because of their interest in pedestrian, bicycle, and vehicular traffic needs along North State Street. The addition of bike lanes with curb, gutter, and sidewalks that facilitates public access to Ackerman Creek Bridge is beneficial to the entire community as well as to the College. Additional local match funding is being covered with funds from the Highway Improvement Program (HIP) through the Mendocino Council of Governments (MCOG) and the Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA). The project consists of replacement of the existing bridge with a new, wider bridge and construction of new, wider roadway approaches, bike lanes with curb, gutter, and sidewalk, and stream restoration (including a new fish passageway). This two-season project is currently finishing the right of way and final design phases, with anticipated construction during the 2024 and 2025 summer construction seasons.

The following bridges currently in the FHWA HBP are 100% reimbursed by way of the federal Toll Credits program. These bridges have been fully funded through FHWA programs with minimal local match expended. The projects are expected to bid in the next three to five years, pending FHWA funding and are currently in the engineering design, environmental, and/or right-of-way acquisition phases.

	Name	Stream	Area	Activity	Construction
1	Lambert Lane Bridge	Robinson Creek	Boonville	Replacement	2024
2	Wilderness Lodge Rd Bridge	Dutch Charlie Creek	Branscomb	Replacement	2026
3	Philo-Greenwood Bridge	Navarro River	Philo	Rehabilitation	2026 & 2027
4	Hill Road Bridge	Mill Creek	Covelo	Replacement	2027
5	Briceland Road Bridge	Mattole River	Whale Gulch	Replacement	2028
6	Usal Road Bridge	Usal Creek	State Park Beach	Replacement	2028
7	Reynolds Highway Bridge	Outlet Creek	Willits	Replacement	2029

The following new bridges accepted into the HBP in 2023 will be 88.53% federally reimbursed, with an 11.47% local match.

	Road	Stream	Area	Activity	Project Start
1	Camp 1 Ten Mile Road	S Fork Ten Mile River	Cleone	Replacement	2023
2	Hearst Willits Road	Eel River	Hearst	Preventative Maint.	2024
3	Fort Bragg Sherwood Road	Sherwood Creek	Willits	Replacement	2025
4	Mountain View Road	Rancheria Creek	Boonville	Preventative Maint.	2026
5	Low Gap Road*	Masonite Industrial Rd	Ukiah	Replacement	2025

* Application submitted and anticipated to be accepted into the HBP in 2024.

Highway Safety Improvement Program (HSIP)

The Infrastructure Investment and Jobs Act (IIJA), aka Bipartisan Infrastructure Law (BIL), was signed into law by President Biden on November 15, 2021. Under IIJA, the HSIP is a core federal-aid program to states for the purpose of achieving a significant reduction in fatalities and serious

injuries on all public roads. California's local HSIP focuses on infrastructure projects with nationally recognized crash reduction factors (CRFs). Local HSIP projects must be identified on the basis of crash experience, crash potential, crash rate, or other data-supported means. The following projects were approved for HSIP Cycle 11 funding and are anticipated to begin in 2023:

- Systemic Improvements on Mendocino County Roadway Segments – This project provides for the installation of Advance Curve Warning Signs on Branscomb Road from Willits Avenue to Kenny Creek Road, Eastside Calpella Road from Marina Drive to the State Route 20 on/off ramp, Comptche-Ukiah Road from Highway 1 to the Mendocino Headlands State Park, and Mountain View Road, as well as the installation of sidewalks/pathways on Crawford Road from Biggar Lane to Foothill Boulevard and South State Street from Laws Avenue to Beacon Lane, including the installation/upgrade of the pedestrian crossing.
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State Transportation Improvement Program (STIP)

The STIP provides capital funding to regional agencies that can be used for a variety of projects, including streets, roads, and highways, as well as bicycle and pedestrian projects. Historically, the STIP has been the source of most of the transportation funding for large scale projects within the Mendocino County region. The North State Street Interchange Improvements Project was accepted into the 2020 STIP cycle, with funds programmed to complete the Project Approval and Environmental Documentation (PA&ED); Plans, Specifications, and Estimate (PS&E); and Right of way (RW) phases. DOT staff is working with MCOG and the design consultant to apply for funding for the construction phase. This project provides for the construction of two roundabouts along North State Street at the intersection with Kuki Lane and at the State Highway 101 southbound interchanges. The PA&ED phase has been completed. The PS&E phase will begin later this year (2023), with the RW phase anticipated to begin in the summer of 2024.

Airports

Round Valley Airport (BU 3050/3080)

In the past year, Round Valley Airport has again been reclassified as a General Aviation airport, due to its proximity and service to Tribal lands. This new classification makes the airport eligible for federal Airport Improvement Program (AIP) funding. Maintaining a current Airport Layout Plan (ALP) and Airport Capital Improvement Plan (ACIP) is required to be eligible for AIP grant funding. The Round Valley Airport runway was rehabilitated in 2021. Federal Aviation Administration (FAA) grant

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MENDOCINO COUNTY DEPARTMENT OF TRANSPORTATION DIRECTOR'S REPORT - PROJECT ACTIVITIES JUNE 2023

Land Improvement (Budget Unit 1910)

National Pollution Discharge Elimination System (NPDES) Phase II – Second Permit

The Mendocino County Department of Transportation (MCDOT) has developed and is currently implementing programs to comply with Mendocino County's NPDES Phase II Permit. Trash Capture Devices were installed to bring the Fort Bragg area into compliance. A consultant is currently developing the plans and specifications to install approximately 38 devices in the Ukiah area, including Calpella and Redwood Valley. These costs are being paid for through American Plan Rescue Act (ARPA) funds.

Road Fund (Budget Unit 3010)

Road Maintenance

Road maintenance crews continue to clear trees and mudslides along county roads from the winter storms including:

- Fish Rock Road from Milepost (M.P.) 0.00 to M.P. 28.84 is now open - tree clearing has been completed;
- Usal Road is open from Highway 1 to the beach/ camping area, but closed from north of the beach to 4 Corners (Briceland Road intersection) until further notice due to downed trees;
- Briceland Road is closed from 4 Corners to Needle Rock Visitors Center until further notice due to slides;
- Fort Bragg-Sherwood Road is closed from M.P. 5.08 to M.P. 27.54 due to downed trees;
- Navarro Ridge Road is closed from M.P. 8.82 to M.P. 13.10 due to downed trees; and
- Ten Mile Road is closed from M.P. 0.18 to M.P. 1.68 due to downed trees.

Road maintenance crews continue to grade gravel roads, perform roadside mowing, and complete striping operations as time allows.

Storm Damage (Budget Unit 3030)

2019 Storm Damage Projects

The following 2019 Storm Damage projects are anticipated to be completed in the 2023 summer construction season:

- Mountain View Road, County Road (CR) 510, at M.P. 13.95,
- Mountain View Road, CR 510, at M.P. 20.00, and
- Briceland Road, CR 435, at M.P. 4.79.

2023 Storm Damage Projects

Storm damage to roads incurred during the December – January 2023 severe winter storms are eligible for reimbursement through the Federal Highway Administration (FHWA) and the Federal Emergency Management Agency (FEMA). DOT has submitted grant applications for the following storm damage sites:

- Mendocino Pass Road, CR 338, at M.P. 15.50,
- Mendocino Pass Road, CR 338, at M.P. 16.75,
- Mountain View Road, CR 510, at M.P. 1.69,
- Elkhorn Road, CR 120, at M.P. 4.90,
- Fish Rock Road, CR 122, at M.P. 19.75,
- Reeves Canyon Road, CR 219, at M.P. 1.00,
- Laytonville-Dos Rios Road, CR 322, at M.P. 3.91,
- Zenia Road, CR 337, at M.P. 0.55,
- Briceland Road, CR 435, at M.P. 4.79
- Old Stage Road, CR 502, at M.P. 3.03,
- Peacock Drive, CR 619, at M.P. 0.50, and
- Buckeye Lane, CR 650A, at M.P. 0.50.

Roads and Bridges (Budget Unit 3041)

Bridge Seismic Retrofit Program

After the 1998 Loma Prieta Earthquake, California identified state funds to pay the 20% federal match applicable to the FHWA Highway Bridge Replacement and Rehabilitation (HBRR) Program. Right of way and construction phases are eligible for federal reimbursement of 88.53% and to use the State's share of Proposition 1B Local Bridge Seismic Retrofit Account (LBSRA). LBSRA will provide the 11.47% match to the FHWA Bridge Program (HBP) for right of way acquisition and construction. Throughout the 1990's, MCDOT utilized the program to make the necessary seismic corrections to the bridges identified as needing seismic retrofitting. The Eureka Hill Road Bridge over the Garcia River is the last of the County's seismic retrofit projects. Construction on this project began last summer and is anticipated to be completed in the 2023 summer construction season.

Corrective/Preventative Maintenance Program

The January 8, 2019 Director's Report outlined a 20-year plan for expenditures under the Road Repair and Accountability Act of 2017 , Senate Bill 1 (SB 1) in order to meet moderate Pavement Condition Index (PCI) improvement goals by using a combination of pavement preservation and corrective maintenance activities. The 2023 Corrective/Preventative Maintenance Project (Year 5) consists of recycling the current roadway for a base followed by a double chipseal on the full length of Philo Greenwood Road from M.P. 0.00 to M.P. 18.00, and the full length of Cameron Road from M.P. 0.00 to M.P. 5.72. The contract has been awarded to Northwest Paving, Inc. and is anticipated to be completed in the 2023 summer construction season.

Highway Bridge Program (HBP)

Replacement of the Ackerman Creek Bridge at North State Street has a federal reimbursement rate of 88.53% with an 11.47% local match. Mendocino College has provided much of the local match funding for this project from their portion of the City of Ukiah Regional Development Authority (RDA) because of their interest in pedestrian, bicycle, and vehicular traffic needs along North State Street. The addition of bike lanes with curb, gutter, and sidewalks that facilitates public access to Ackerman Creek Bridge is beneficial to the entire community as well as to the College. Additional local match funding is being covered with funds from the Highway Improvement Program (HIP) through the Mendocino Council of Governments (MCOG) and the Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA). The project consists of replacement of the existing bridge with a new, wider bridge and construction of new, wider roadway approaches, bike lanes with curb, gutter, and sidewalk, and stream restoration (including a new fish passageway). This two-season project is currently finishing the right of way and final design phases, with anticipated construction during the 2024 and 2025 summer construction seasons.

The following bridges currently in the FHWA HBP are 100% reimbursed by way of the federal Toll Credits program. These bridges have been fully funded through FHWA programs with minimal local match expended. The projects are expected to bid in the next three to five years, pending FHWA funding and are currently in the engineering design, environmental, and/or right-of-way acquisition phases.

	Name	Stream	Area	Activity	Construction
1	Lambert Lane Bridge	Robinson Creek	Boonville	Replacement	2024
2	Wilderness Lodge Rd Bridge	Dutch Charlie Creek	Branscomb	Replacement	2026
3	Philo-Greenwood Bridge	Navarro River	Philo	Rehabilitation	2026 & 2027
4	Hill Road Bridge	Mill Creek	Covelo	Replacement	2027
5	Briceland Road Bridge	Mattole River	Whale Gulch	Replacement	2028
6	Usal Road Bridge	Usal Creek	State Park Beach	Replacement	2028
7	Reynolds Highway Bridge	Outlet Creek	Willits	Replacement	2029

The following new bridges accepted into the HBP in 2023 will be 88.53% federally reimbursed, with an 11.47% local match.

	Road	Stream	Area	Activity	Project Start
1	Camp 1 Ten Mile Road	S Fork Ten Mile River	Cleone	Replacement	2023
2	Hearst Willits Road	Eel River	Hearst	Preventative Maint.	2024
3	Fort Bragg Sherwood Road	Sherwood Creek	Willits	Replacement	2025
4	Mountain View Road	Rancheria Creek	Boonville	Preventative Maint.	2026
5	Low Gap Road*	Masonite Industrial Rd	Ukiah	Replacement	2025

* Application submitted and anticipated to be accepted into the HBP in 2024.

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