

## **Project Updates**

### **South DEAL**

**December 2020**

#### **MENDOCINO COUNTY**

**MEN-1-PM 0.00/15.00 – Point Arena CAPM** – This \$13.1 million SB1 pavement project will restore and preserve the drivability and serviceability of Route 1 PM 0.00 to 15.00. Granite Construction is the prime contractor. Construction started in August and is nearing completion.

**MEN-1-PM 0.63/0.99 – Gualala Streetscape Enhancement Project** – The purpose of this project is to improve traffic flow and create safe and comfortable facilities for pedestrian and bicycle travel downtown. The project is also intended to improve Gualala's visual character by incorporating landscape and hardscape features into the project. Caltrans and MCOG will be hosting a virtual public meeting on January 14, 2021 from 5pm – 7pm to present an alternative that seeks to balance the community's concerns with on-street parking. Depending on the community's support for the proposed alternative presented at the virtual public meeting and the success of an ATP grant application by MCOG, the project would be scheduled to begin construction in 2026

**MEN-1-PM 6.50/9.50 – Widen Shoulders & Install Rumble Strip** – This project proposes to improve southbound (SB) shoulder width along two curves on Highway 1. The project is split into two sections, post mile (PM) 6.55 to 6.75 and PM 9.30 to 9.45. The project elements include shoulder widening, edge-line rumble strip and metal beam guard rail (MBGR) wall. The SB shoulder will be widened to 4 feet with edge-line rumble strip. Widening the shoulder will require cut and fill in both sections and where fill slopes are infeasible, a MBGR wall will be constructed. The project scope now includes a super-elevation improvement which will require development of a second project alternative that will include 4-foot shoulders along the northbound lane. Construction is scheduled for summer 2023.

**MEN-1-PM 31.35 – Elk Creek Bridge** – The scope of the current programmed project for rail replacement has been revised to a bridge improvement project with an alternative for bridge replacement to address scour concerns. This project is scheduled to begin construction in summer 2024.

**MEN-1-PM 38.50/74.50 – Construct Turnouts** – The purpose of this project was to construct turnouts at the following five locations: Location 1 – PM 38.5 (SB); Location 2 – PM 44.7 (SB); Location 3 – PM 69.1 (SB); and Location 4 – PM 74.5 (SB). This work consisted of roadway excavation and installation of structural pavement sections. Additional work included roadside drainage, vegetation, tree removal, striping, call box relocation, and utility relocation. Project completed construction in December 2019.

**MEN-1-PM 42.44/43.20 – Navarro Ridge Safety** – This shoulder widening project proposes to widen existing shoulders in both directions to 4 ft., install edge-line rumble

strip, perpetuate the existing centerline rumble strip and install metal beam guardrail. Work will include replacement of four culverts, nine drainage inlets and the extension of three culverts. The project was initiated by District 1 Traffic Safety Office in response to a high incidence of run-off-road collisions. The construction capital estimate is \$3.96 million. Construction is scheduled for summer 2022 but may be delayed until summer 2023 if the local CDP is successfully appealed to the California Coastal Commission.

**MEN-1-PM 42.30/42.50 – Navarro Drainage** – The scope of this project is to abandon the existing culvert and to install a new 36-inch diameter culvert. The culvert inlet will remain at the same place and the outlet will be relocated approximately 30 ft. to the south for better alignment with natural channel. A 20 ft. by 9 ft. rock energy dissipater will be installed at the outlet. The roadway embankment side-slopes and the embankment of a private driveway will be repaired and revegetated. Shoulders will be widened to 4 ft. Additional items include restriping, installation of the edge-line and centerline rumble strip & dike replacement. The construction capital estimate is \$1.0 million. Construction is scheduled for summer 2022 but may be delayed until summer 2023 if the local CDP is successfully appealed to the California Coastal Commission.

**MEN-1-PM 42.4/43.3 – Salmon Creek Bridge** – This project proposes to improve the structural and geometric deficiencies of the bridge and approach roadways to ensure uninterrupted traffic movements in the event of an accident, seismic event, or other catastrophic failure; significantly reduce ongoing maintenance costs; provide wider shoulders for motorists experiencing breakdowns and provide safe bicycle and pedestrian movement across Salmon Creek. The District has requested programming for a separate lead-abatement project to address the lead impacted soils caused by sand blast waste created from past bridge maintenance activities. The lead abatement project will be scheduled to begin construction in 2023. Construction for the bridge replacement project will be delayed until 2030 due to fiscal constraints. The current construction capital estimate for the bridge replacement project is \$33.3 million.

**MEN-1-PM 43.3/44.2 – Albion River Bridge Maintenance** – The purpose of this maintenance project is to preserve the structural integrity, extend the life of the Albion River Bridge and to prevent further degradation of the existing wooden structure by repairing horizontal timber members that have areas of decay; replacing approximately 1,100 bolted connections throughout the entire timber sub-structure and removing the rusted and failed utility conduit along the right side of the bridge. Construction is scheduled to begin spring 2021. The construction capital estimate is \$690 thousand. A follow up maintenance project is planned for spring 2022 to repair 53 timber scabs and inspect three split ring connectors and one mole claw plate. Repair of the timber scabs was delayed one year due to permitting requirements due to the need to close the bridge at night for up to 20 non-consecutive days.

**MEN-1-PM 43.3/44.2 – Albion River Bridge** – This project proposes to improve function, geometrics and the seismic and structural integrity of the Albion River Bridge and approach roadway to ensure uninterrupted traffic movement in the event of a collision or emergency incident, seismic event or other catastrophic failure, significantly reduce ongoing maintenance costs, provide wider shoulders for motorists experiencing breakdowns and provide safe access for pedestrians and bicyclists across the bridge. The initial geotechnical investigations have been completed. Additional

drilling for the geotechnical investigation will occur in the next phase of the project following the selection of a preferred alternative. Although construction is scheduled to begin in summer 2025, local opposition to the project may delay begin construction until 2026 . The construction capital estimate is \$53.4 million.

**MEN-1-PM 51.45 – Jack Peters Bridge Widening & Rail Upgrade** – The purpose of these projects is to improve function by increasing bridge shoulder width for bicyclists and to ensure uninterrupted traffic movement in the event of a collision or emergency incident, construct separated pedestrian walkways on both sides of the structure to provide safe access for pedestrians and upgrade bridge rails to meet current design standards. Construction on the Pudding Creek Bridge is scheduled to begin construction summer 2022.

**MEN-1-PM 59.70 – Hare Creek Bridge** – The purpose of this project is to improve function by increasing bridge shoulder width for bicyclists and to ensure uninterrupted traffic movement in the event of a collision or emergency incident, construct separated pedestrian walkways on both sides of the structure to provide safe access for pedestrians and upgrade bridge rails to meet current design standards. Construction is scheduled for summer 2024. The construction capital estimate is \$10.1 million.

**MEN-1-PM 61.99 – Pudding Creek Bridge Bridge Widening & Rail Upgrade** – The purpose of these projects is to improve function by increasing bridge shoulder width for bicyclists and to ensure uninterrupted traffic movement in the event of a collision or emergency incident, construct separated pedestrian walkways on both sides of the structure to provide safe access for pedestrians and upgrade bridge rails to meet current design standards. Construction on the Pudding Creek Bridge is scheduled to begin summer 2022.

**MEN-1-PM 62.10/78.90 – Pudding Creek CAPM** – The purpose of this project is to restore and preserve the drivability and serviceability of Route 1. Granite Construction is the prime contractor. Project construction is nearing completion.

**MEN-1-PM 65.13/65.49 – Men-1 Widen Shoulders** – The purpose of this \$2.1 million safety project is to reduce the frequency and severity of collisions by widening the shoulders near Nameless Rd. Widening will require drainage improvements. PA&ED is scheduled for November 20, 2020. Construction is scheduled for summer 2022.

**MEN-1-PM 75.50/PM 76.5 – Westport Slide Complex** – The purpose of this emergency project is to reduce the annual maintenance expenditures, alleviate safety concerns from the public, and prevent complete loss of this highway segment which has no reasonable detour. The project includes two walls, drainage repairs and roadway reconstruction. This is an emergency opening project, now under construction. Slide is continuing to move throughout construction. Target completion summer 2021.

**MEN-1-PM 75.50/PM 76.5 – Westport Culverts** – The purpose of this project is to replace and/or repair existing drainage structures that have either severely failed inverts or are separated and misaligned. Construction is scheduled for summer 2021.

**MEN-1-PM 87.90/105.60 – Rockport to Leggett CAPM** – This \$22.2 million SB1 pavement project will restore and preserve the drivability and serviceability of Route 1 PM 87.90 to 105.60. The project is in the Project Approval phase and should begin construction in 2023.

**MEN-20-PM 16.8/17.20 – Camp 20 widening** – This project will widen shoulders with geometric improvements to reduce collisions. Construction is scheduled for summer 2020. Tree removal has been completed.

**MEN-20-PM 19.1/19.6 – James Creek West Safety** – The purpose of this \$2.9 million safety project is to reduce the frequency and severity of collisions with geometric improvements. PAED was met on 10/23/20 and construction is scheduled to begin in summer 2022.

**MEN-20-PM 20.0/20.3 – James Creek East Safety** – The purpose of this \$1.1 million safety project is to reduce the frequency and severity of collisions with geometric improvements. PAED was met on 7/24/20 and construction is scheduled to begin in spring 2022.

**MEN-20-PM 24.7/24.9 – Shoulder Widening near Willits** – This \$2.1 million safety project proposes to reduce the frequency and severity of run-off-the-road collisions by realigning the compound curve, widening the eastbound shoulder, improving sight distance and placing metal beam guardrails. The contract was awarded to Rege Construction, Inc. on 10/23/20 and construction is scheduled to begin in January 2021 with tree clearing.

**MEN-20-PM 33.4/34.2 – Calpella Bridges** – This \$30 million project, just east of Highway 101, proposes to replace the two bridges that span the Russian River, the railroad and East Side Road in Redwood Valley. The project will also make improvements to Road 144 (connector from Highway 20 to East Road) intersection. Bridge construction will be off alignment to reduce impacts to local communities and Highway 20 and 101. The project is currently in the Design phase. Construction is scheduled to begin in fall 2021.

**MEN-101-PM 0/9.6 – Hopland CAPM** – This \$11.1 million pavement preservation project will restore and preserve the drivability and serviceability of Route 101 from the county line to PM 9.6 near Hopland. Argonaut Constructors is the prime contractor. Project construction is nearing completion.

**MEN-101-PM 1.4/1.7 – Comminsky Permanent Restoration** – This \$7.4 million project proposes to construct a wall to restore the roadway to pre-storm damage conditions and reduce the risk of future damage. PAED was met on 9/29/20 and construction is planned for the 2022 season.

**MEN-101-PM 3.7 & 5.3 – Peregrine Slides** – This \$19.5 million storm damage restoration project is expected to stabilize substantial landslide areas and repair the damaged four-lane highway. The project includes construction of retaining walls, drainage, and roadway reconstruction. The project is currently in construction and is expected to be complete by winter 2021.

**MEN- 101-PM 9.9/11.2 – HOPLAND ADA** – This \$15.6 million project proposes to correct non-compliant ADA pedestrian features, rehabilitate pavement, and add traffic calming/complete streets features in the community of Hopland. Construction is currently expected to begin construction 2025.

**MEN-101-PM 43.5/51.30 – Willits Bypass Mitigation Project** – This project will mitigate the wetland, riparian, and oak woodland impacts resulting from constructing Phase 1 of the Willits Bypass. Completed work includes seven acres of wetland creation and erosion control repairs; fencing for rotational grazing and wetland/riparian corridor protection; project water supply infrastructure; and service contracts for seed collection and plant propagation. The initial planting and establishment is complete. The project will continue to be monitored per the MMPs (Mitigation Monitoring Plans) until 2028.

**MEN-101-PM 46.3/47.5 – Willits Bypass Relinquishment** – This \$6.2 million project brought the existing section of Route 101 from Route 20 to the northern Willits Interchange up to a state of good repair. This project is complete. This section of Highway 101 has been relinquished and is now the responsibility of the City of Willits. The relinquishment of the section of Old Highway 101 from the North end of the Willits city limits to the North Interchange of 101 is currently in progress. It is anticipated that the County of Mendocino will assume responsibility for this segment by January 1, 2021.

**MEN-101-PM 47.2/47.3 – Sherwood Road Geometric Upgrades** – This \$4.2 million project will make upgrades to the Route 101/Sherwood Road intersection in Willits by widening the left turn pocket on Sherwood Road and modifying the signal. The project was awarded to Granite Construction in spring 2018. The project is complete. This section of Highway 101 has been relinquished and is now the responsibility of the City of Willits.

**MEN-101-PM 58.9/82.5 – Moss Cove, Irvine Lodge, & Empire Camp SRRA's** – This \$12.3 million project will upgrade 3 rest areas along Highway 101 in Northern Mendocino County. Construction is anticipated to start in early 2021.

**MEN-162- PM 0/25.7 – COVELO PAVEMENT** – This \$45 million pavement project proposes to rehabilitate 50.73 miles of pavement, upgrade signs and guard railing. Construction is currently expected to begin construction 2024.

**MEN-162-PM 8.2 – South Fork Eel River Bridge Seismic** – This bridge has been identified as being seismically vulnerable and needing bridge rail upgrade. A bridge replacement alternative has been selected by the project team. This \$7.709 million project is currently scheduled to begin construction in 2022.

**MEN-162-PM 29.18/30.67 – Covelo Trail Project** – This trail project proposes to construct a Class I separated multi-use trail parallel to Highway 162 just north of the community of Covelo. The project is being administered by the Mendocino Council of Governments with oversight provided by Caltrans. Construction is expected in spring 2022 .

**MEN-271-PM 19.6/20.0 – McCoy Creek Sinks** – This \$4.2 million Permanent Restoration project proposes to construct a wall to restore the roadway to pre-storm damage conditions and reduce the risk of future damage. PAED was met on 10/30/20 and Construction is planned for the 2022 season.

## **LAKE COUNTY**

**LAK-VARIOUS – Lake County Traffic Management System (TMS) Projects** – These two traffic management system projects propose to create a backbone wireless communication system in Lake County to improve the current capacity in order to provide accurate and timely data for traffic and travel conditions, including the installation of Changeable Message Signs to notify public during emergency conditions. The total construction costs between the two projects is \$4.4 million. The projects are currently in design. Construction is scheduled for spring 2022.

**LAK-VARIOUS – Mannings and Polk Jones Cattle Pass Bridge Rails** – This \$1.5 million project on Highway 20 and 29 proposes to replace bridge rails on two bridges. Approve contract was on 10/26/20 to begin construction in spring 2021.

**LAK-VARIOUS – Morrison, Robinson and Kelsey Creek Bridge Widening and Replacement** – This \$8.6 million project proposes to widen Morrison (Highway 20) and Robinson Creek Bridges (Highway 29) and replace Kelsey Creek Bridge (Highway 175). The project is currently in design and is expected to begin construction in late fall 2021.

**LAK-20-PM 2.0/2.8 – Blue Lakes Safety Project** – This \$15.7 million safety project on Highway 20, adjacent to Blue Lakes, proposes to widen shoulders, improve the horizontal curve, and to construct a sight bench. PAED was completed on 9/22/20 and Design is expected to start, pending CTC vote, December 2020. Construction is expected in summer 2022.

**LAK-20-PM 5.0/5.8 – lake 20 Shoulders** – This \$9.3 million safety project on Highway 20 proposes to widen shoulders, improve the horizontal curve, and to construct a left-turn pocket at Witter Springs Road. Environmental clearance was completed in May 2019. Construction is on schedule, spring 2021.

**LAK-20-PM 5.8 – Bachelor Creek Bridge Rehabilitation** – This \$4.0 million project will protect the integrity of the roadway by replacing 3-9' diameter culverts with 2-12' box culverts at Bachelor Creek Bridge, just east of Witter Springs Road on Highway 20. This project is combined with the Witter Springs Road Safety project. Construction is scheduled for spring 2021.

**LAK-20-PM 28.4 – Zero Emission Charging Station** – This project will provide for a public charging station for public use at the Clearlake Oaks Maintenance station. This project has been completed. Contract Acceptance was met on 10/26/20.

**LAK-20-PM 31.2/32.0 – Lake 20/53 Roundabout** – This project's roadwork is complete, and the plant establishment is ongoing. Relinquishment of Almond Lane to the County of Lake is currently in progress.

**LAK-29-PM 4.15/5.14 – Middletown Multi-Use Path** – This project proposes a Class I multi-use trail parallel to Highway 29 on the west side, from Rancheria Road to Central Park Road. The project is administered by the County of Lake with oversight provided by Caltrans. Construction is scheduled to begin spring of 2021.

**LAK-29-PM 12.78/14.35 – Coyote Grade Shoulder Widening** – This \$13.5 million safety project proposes to widen shoulders for 1.5 miles near Hidden Valley Lake. The contract was awarded to Ghillotti Construction Co at the end of July. Construction has begun with expected completion by the end of next season.

**LAK-29-PM 17.70/20.70 – Lake 29 Truck Climbing Lane/Shoulder Widening** – This \$5.7 million safety project proposes to widen shoulders at three locations and provide a truck climbing lane at one location. The project is located near Lower Lake. Construction contract is awarded and is currently under construction. Completion is anticipated in fall 2021.

**LAK-29-PM 23.8/31.6 – Lake 29 Expressway** – The scope of this project is to replace 8 miles of existing 2-lane conventional highway with new 4-lane divided expressway on a new alignment. The environmental document was completed in 2016 and covers the entire 8-mile project; however, the project will be constructed in three phases (segments) depending on availability of funding. The first phase (segment 2C = 28.5/31.6) of the project is under construction. The \$53.6 million construction contract was awarded to OC Jones & Sons in November 2019. Design work on the remaining two construction phases began in July 2018; however, construction and right of way funds have not been secured.

**LAK-29-PM 34.9/35.23 – Kelsey Creek Road Left Turn Channelization** – This \$2.9 million safety project proposes to widen the roadway and provide a left turn lane and acceleration lane for Kelsey Creek Road. The project is currently in the Project Approval stage and is expected to be constructed in winter 2022.

**LAK-175-PM 0.2/0.4 – Curve realignment and shoulder widening** – This \$5.77 million project proposes to realign the route to provide a single radius curve with two 12-foot lanes and 4-foot shoulders and pave an existing pullout area for slow moving vehicles. Construction currently targeted for the 2022 season.

**LAK-175-PM 24.0/26.5 – Safety Project near Middletown** – This \$12 million safety project near the intersection of Routes 175 & 29 proposes to improve the alignment of the roadway at critical curve locations, widen all shoulders, and repair or replace all the drainage systems. Construction is ongoing. Caltrans signed an MOU with Lake County Department of Public Works to allow Caltrans to replant 7 acres of oaks in the Middletown Trailside Park.

**HUM/LAK-VAR-PM VAR – 4 Bridge Deck Preservation** – This \$1.8 million project proposes to rehabilitate three bridge decks in Humboldt County and one in Lake County. Polyester Concrete overlays will be placed on the two Van Duzen River Bridges on SR 36 (HUM PM 17.9 & R23.9). The Salt River Bridge on SR 211 (HUM-36-17.9 & R75.2) will receive an Epoxy deck seal, while the Hill Road East Overpass on SR 29 (LAK-29-R43.75) will receive a methacrylate deck seal. This project was accelerated

3 months to allow construction to begin this season. The project is on schedule to RTL in March 2021.

**All Counties – Curve Warning Sign Replacement** – This project proposes to meet current federal standards by replacing existing curve warning advisory signs on various routes in Lake, Mendocino, Humboldt, and Del Norte Counties. The update will include updating the retro-reflectivity of the signs. The new standard will increase advisory speeds on some but not all the signs. In addition, complete street elements were added, which consisted of updating school zone signs and crosswalks, as well as adding new crosswalks and Advance Warning Beacons at Blosser Lane in Willits. The project is in construction and is on schedule to be completed in 2021.