

October 24, 2024

TO: Transportation Authority of Marin Board of Commissioners

FROM: Anne Richman, Executive Director

RE: Executive Director's Report – Agenda Item 3 (Discussion)

## Local

### Redwood Bikeshare Program Update



The Redwood Bike Share Pilot Program now provides bikeshare in Marin at locations in San Rafael and Larkspur, and at several locations in Sonoma County. The remaining locations will open in the coming weeks.

As bikes are added to the system, they will be displayed as viewable active hubs in the Redwood Bikeshare app (accessible at [www.redwoodbikeshare.com](http://www.redwoodbikeshare.com)). Hubs that are shown in the app are available for use!

A launch event is tentatively scheduled for 2pm on November 6 at the Petaluma Downtown SMART Station.

### Marin 101-580 Project Scoping & Bellam Boulevard Workshops

On Tuesday, October 1, TAM and Caltrans hosted a public scoping meeting to provide an overview of project alternatives, receive input and kick-off the environmental process. Approximately 30 members of the public attended as well as agency representatives and elected officials.

#### Project Alternatives



The project team provided an [overview presentation](#) including [visual simulations](#) of the alternatives and [an animation of potential roundabouts](#) on Bellam Boulevard. The presentation was followed by an open house where community members could review [exhibit boards](#) and share questions and comments with the project team. [The scoping comment period is open until November 15.](#)

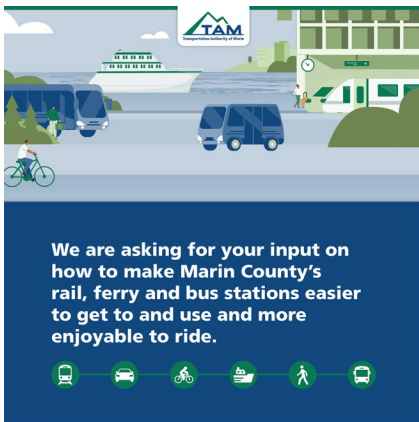
Following successful Bellam Blvd. community workshops in May and July, TAM is seeking additional community input on concepts to improve pedestrian and bike safety, transit facilities, and vehicle access along the Bellam Boulevard corridor in East San Rafael.

On Saturday, October 19, TAM and Voces de Canal hosted a booth at the Canal Alliance HQ Grand Opening, "Nuestro Canal, Nuestro Futuro" at 711 Grand Avenue. The event highlighted various projects of interest including Canal Neighborhood Visioning, Canal Alliance programs and services, and Sea Level Rise. The festivities included community engagement, art, music, food and prizes.

On Thursday, November 14, TAM will host another workshop on Bellam Blvd. corridor concepts. The workshop will be from 5:30 to 7:30 p.m. at the Marin Health & Wellness Connection Center, 3240 Kerner Blvd., San Rafael. The concepts include potential roundabouts and changes to intersections, driveways, turning movements, and sidewalks and bikeways.

Residents and businesses throughout East San Rafael and surrounding neighborhoods are encouraged to attend the workshop to learn about the improvement concepts and provide feedback to the project team. Spanish speaking staff will be available.

### Mobility Hub Study – Survey is Open



TAM is kicking off a study to assess opportunities for Mobility Hubs at current rail and ferry stations in Marin County. Mobility Hubs are places that bring together public transit, biking, walking, shared services, and other ways for people to get where they want to go. You can use them to hop on or off public transit, connect to bike share, rest, eat, and connect to your next connection or destination.

Please take the survey/encuesta in [English](#) or [Spanish](#) to help shape the future of transit stations in Marin County. Learn more and share your input at the [Mobility Hub webpage](https://www.tam.ca.gov/mh/). (<https://www.tam.ca.gov/mh/>)

### Marin Commutes – September's Transit Month Challenge & October Bikeshare Month

Marin Commutes launched a Transit Month Challenge in September to encourage transit use and support our local transit partners. The Challenge offered extra rewards on top of the regular year-round incentives, motivating participants to take buses, trains, and ferries.



- 38 people logged first-ever transit trip!
- 1,963 transit trips logged
- 43,281 miles of car trips avoided
- 13.5 tons of carbon emissions prevented – equal to saving 15 acres of forest! 🌳
- 5 riders earned \$20 gift cards by sharing transit stories
- 1 transit rider won the grand prize of a \$250 gift card!

In addition, October is Rideshare Month – Marin Commutes is promoting Rideshare Month via social media and its newsletter.

### Safe Routes Walk & Roll Day and More

International Walk (and Roll) to School Day, iWalk, came to 45 schools across Marin County on Wednesday, October 2. From TK to 12th grade, students participated in this exciting event that celebrates walking, biking, and rolling to school in eco-friendly ways.

The festivities included fun activities like fire trucks escorting walkers and rollers, a "bike blender" for a tasty twist, and local police officers on hand to greet students. Venetia Valley unveiled a brand-new park-and-walk location and some schools hosting high-energy events and fire truck escorts included Pleasant Valley, Venetia Valley, Hidden Valley, Wade Thomas, and Manor.



The next major walk to school day event is Ruby Bridges Day, which Marin is celebrating on Nov. 13.

### Fifth Cycle Safe Pathways Call for Projects



On September 30, 2024, TAM released the Fifth Cycle of the Safe Pathways Call for Projects. The Measure AA Sales Tax Expenditure Plan includes funding for Safe Pathway projects that are capital improvement elements of the Safe Routes to Schools program. It provides funding to design and construct pathways, sidewalks, and safety improvement projects identified in Safe Routes to Schools Plans developed by task force teams consisting of schools, parents, students, and local public works staff. Safe Pathway projects will be selected for funding based on evaluation criteria that focus on encouraging biking and walking to school by improving safety throughout the County.

Like prior cycles of the Safe Pathway Program, this Call for Projects consists of two types of applications – Large Projects and Small Projects. Approximately \$5 million is available for the Large Safe Pathway projects. The maximum project funding request is \$450,000 for each large project. Approximately \$1.8 million is available for Small Safe Pathway projects. Small Safe Pathway projects are projects that require \$100,000 (maximum project funding) or less to design and construct and can be completed quickly with minimal pre-construction work needed.

A total of approximately \$6.8 million is available for this Call for Projects. Applications are due to TAM by December 11, 2024.

**Regional**

**TAM Awarded \$480,000 for Marin Countywide Coordinated Signal Modernization Plan**



In September, TAM Submitted a planning grant application for a Modernized Traffic Signal Plan through MTC’s IDEA program or Innovative Deployments to Enhance Arterials program.

The Marin Countywide Coordinated Signal Modernization Plan will inventory current signal technology being used in the county and develop signal modernization projects that can support Transit Signal Priority, Emergency Vehicle Preemption and safe Active Transportation uses on roads

countywide. MTC is expected to approve the awards at its November Commission Meeting. Details on fund processing and contracts are forthcoming, and work is tentatively expected to begin in late 2025.

**RM3 Safe Routes to Transit and Bay Trail Program (SR2TBT) Call for Projects**

RM3 provides \$150 million in funding for a competitive grant program to fund bicycle and pedestrian access improvements on and in the vicinity of state-owned toll bridges connecting to rail transit stations and ferry terminals. MTC issued a Call for Projects with approximately \$50 million for the first cycle of SR2TBT funds in July 2024. The first cycle covers fiscal years 2024-25 through 2027-28.

Applications were due to MTC on October 14, 2024. By the deadline, MTC received 50 applications totaling nearly \$309 million in requests. The following applications were received from Marin agencies.

Agency	Project	Request (\$1,000s)	Project Cost
Larkspur	Redwood Highway Westside AT, Last Mile, & Gap Closure Project	\$3,099	\$3,499
San Rafael	Canal Neighborhood Bellam Gateway Local Access Improvement Project	\$6,840	\$8,560
San Rafael	Downtown San Rafael North-South Greenway Gap Closure Project	\$4,355	\$5,444
Sausalito	Bridgeway Improvements - Napa St. to Johnson St.	\$1,920	\$2,295
Sausalito	Bridgeway Improvements - Spring St. to Napa St.	\$388	\$3,937
Sausalito	Bridgeway Road/Bike/Pedestrian Improvements - Gate 6 to Harbor	\$274	\$313
Marin County	Point San Pedro Corridor Planning & Bay Trail Gap Closure Study	\$700	\$770
Corte Madera	Paradise Drive Gap Closure Project - Seawolf Passage to Prince Royal	\$1,160	\$1,560
<b>Total</b>		<b>\$18,736</b>	<b>\$26,378</b>

MTC is scheduled to release staff’s recommendations and approve projects in February, 2025.

**State**

**Bellam Boulevard Off-Ramp Improvement Project**

On October 18, 2024, the California Transportation Commission approved the allocation of \$1,204,000 in Senate Bill (SB) 1 Local Partnership Program (LPP) Formulaic funds to the Bellam Boulevard Off-Ramp Improvement Project. The allocation represents the remaining funds needed to complete the \$9.2 million funding plan for the project. Construction is scheduled to commence in December 2024 with an approximate 10-month construction period.



This project will widen the off-ramp from Northbound U.S. 101 to two lanes to separate the traffic turning left at Bellam Boulevard from the traffic turning onto eastbound I-580 and will improve the crosswalk across Bellam Boulevard. The anticipated benefits include improving facilities in a historically disadvantaged community in the City of San Rafael, reducing congestion during peak travel hours, and increasing off-ramp vehicle storage.



**Caltrans Quarterly Report**

Attached for the Board’s review and comment is the Caltrans quarterly project and activity report for Marin County.

**TAM in the Community**

Date	Meeting	Topic
9.12.2024	Clean Fleet Expo	Alternative Fuels
9.17.2024	Novato Health and Wellness Fair	Marin Commutes/General
9.18.2024	San Rafael Health and Wellness Fair	Marin Commutes/General
9.18.2024	Novato Leadership Institute	General
9.19.2024	Marin 101-580 Community Working Group	Marin 101-580
9.25.2024	North Bay Leadership Council	General
10.1.2024	Marin 101-580 Scoping Meeting	Marin 101-580
10.19.2024	Canal Alliance HQ Grand Opening Community Celebration	Marin 101-580/SLR/General
11.14.2024	Bellam Blvd. Workshop	Marin 101-580/Bellam

# TAM Board Meeting Caltrans Report

## ***PROJECTS IN INITIATION PHASE (Active PIDs).***

### **Storm Damage (Permanent Restoration); MRN-1 PM 24.7; On Route 1, Near Olema, At 1.8 Miles South of Sir Francis Drake Blvd**

**Scope:** Follow-up mitigation to 04-4S780 (Storm Damage Project) for creek restoration.

**Cost Estimate:** \$1.3M (Construction Capital)

**Schedule:** TBD

PID 4S78A is currently suspended. District will meet with HQ to make a final decision.

### **Fish Passage; MRN-1 PM 22.7/23; On Route 1, Near Five Brooks at John West Fork (EA: 04-3W620)**

**Scope:** Remove fish passage barrier. Long Lead project.

**Cost Estimate:** \$6.58M (Construction Capital)

**Schedule:** Target RTL: 2028/29

Bay Area FishPAC identified location. Approximately 2.85 miles of salmon and steelhead habitat above this barrier. PID 3W620 approved May 2023.

October 2024: PAED is scheduled for December 2026 (T).

### **Fish Passage; MRN-1 PM 18.69; On Route 1, Near Woodville at McCurdy Creek and North Fork McCurdy Creek (EA: 04-3W630)**

**Scope:** Remove fish passage barrier. Long Lead project.

**Cost Estimate:** \$13.4M (Construction Capital)

**Schedule:** Target RTL: 2028/29

Bay Area FishPAC identified location. Approximately 0.75 miles of salmon and steelhead habitat above each barrier. PID 3W630 approved June 2023.

October 2024: PAED is scheduled for December 2026 (T).

### **Signs and Lighting; MRN-101 PM 0.87/1.074; On Route 101, Waldo Tunnel Left & Right Bores (27 0040L/R) (EA: 04-0Y550)**

**Scope:** Replace High Pressure Sodium fixtures with LED fixtures, paint tunnel lining, and fix misc. electrical items.

**Cost Estimate:** \$8.8M (Construction Capital)

**Schedule:** Target RTL: 2027/28

PID 0Y550 approved June 2023.

There is a maintenance Minor A project (04-0Y980) to remove the ceiling tiles and replace vertical pipe drains; this work was separated from the PID.

October 2024: PAED is scheduled for Summer of 2026 (T).

### **Address flooding and sea level rise; 04-MRN-1 & 101- PM 0.0/0.3 & 3.3/4.2; In Marin City, at the Manzanita Park and Ride lot, on Route 1 at the Rte. 1/101 Separation, and on Route 101 from Donahue Street to the Rte. 1/101 Separation (04-2W870)**

**Scope:** Address flooding and sea level rise in Marin City at the Manzanita Park and Ride lot, Route 1 at the Rte. 1/101 Separation, and Rte. 101 off-ramp to Donahue Street.

**Cost Estimate:** \$150M-\$1.7B (Construction Capital)

**Schedule:** Start Construction: 2030  
End Construction: TBD

# TAM Board Meeting Caltrans Report

Funding for this project is not identified beyond PSR-PDS. Caltrans is working with stakeholders to share information and seek input on different strategies to address the flooding and sea level rise. An adaptation study is being proposed along Marin US 101 by District 4 Transportation Planning/Local Assistance. A separate SLR study is being prepared by TAM. Public meetings were held February 29, 2024, in Marin City and March 28, 2024, in Tam Valley.

October 2024: PSR-PDS signed on June 30, 2024. The Department is looking for funding opportunities for the PAED phase of the project.

## **PROJECTS IN ENVIRONMENTAL PHASE (PAED)**

### **Flooding and sea level mitigation project at Donahue St./US-101 interchange. (04-2Y050)**

**Scope:** Flooding mitigation at Donahue St./US-101 interchange. Construct new cross culvert under US-101.

**Cost Estimate:** \$13.5M (Construction Capital)

**Schedule:** Start Construction: 2026  
End Construction: 2028

The PIR was approved April 27, 2023. Project Development started July 2023. Coordination with County for Local project. Permanent Pump Station and floodwall is ongoing. A fourth alternative is being considered as proposed by the County which will bypass flows into the pond from Phillips Drive and connect the 66-inch line directly into the bay.

October 2024: The Phillips Culvert Bypass to Bay (Fourth Alternative) is being considered by PDT as the Build Alternative. Draft Environmental Document is scheduled for December of 2024 and PAED by February 2025.

### **US-101 / I-580 Multi-modal and Local Access Improvement Project; MRN-101 PM 8.0/10.3; On Route 101 and Route 580, In San Rafael (EA: 04-2AA10)**

**Scope:** Enhance the active transportation network within the project area – bicycle, pedestrian, and bus transit. Improve circulation on local roads. Work includes possible construction of a new connector from NB 101 to EB 580.

**Cost Estimate:** \$190-\$350M (Construction Capital - multiple alternatives)

**Schedule:** Start Construction: Spring 2031  
End Construction: Spring 2033

An MOU for PAED between the jurisdictions is expected to be completed by early 2025. The TAM Board recently added an additional build option and removed two others from consideration. Current Project has three build alternatives and a no-build. PAED phase began October 1, 2024.

### **Storm Damage (Permanent Restoration); MRN-1 PM 37.2; On Route 1, 1.2 Miles South of Marshall Petaluma Road, in the Town of Marshall (EA: 04-0W710)**

**Scope:** Install RSP, replace fence, and repair existing roadway.

**Cost Estimate:** \$1.0M (Construction Capital)

**Schedule:** Start Construction: Fall 2027  
End Construction: Summer 2028

COS allocation was granted in the August 2023 CTC meeting, and the project is now waiting for the FTIP to open phase 0. Revised DAF being processed due to increased cost. PAED (environmental clearance) work and phase started November 2023. PAED target date is December 2025.

### **Stormwater Trash Capture; MRN-101/131/580 PM 0.9/10.8, 0.0/4.1, 4.1/4.7; On Routes 101, 131, and 580; at various locations (EA: 04-0W100)**

**Scope:** Agreement for funding contribution to local projects in Marin County within significant trash generation areas.

**Cost Estimate:** \$21 M (Construction Capital)

**Schedule:** Start Construction: TBD  
End Construction: TBD

# TAM Board Meeting Caltrans Report

This project is a financial contribution to a Marin County project. Marin County will implement its project in collaboration with Cities/Towns in Marin County. An executed cooperative agreement is required for fund allocation. At the request of Marin County, a 20-month allocation time extension was submitted and approved by CTC at its June 2022 meeting. County Counsel proposed changes in the draft COOP on June 6, 2023.

COOP Agreement signed November 29, 2023. County working on Environmental Document. Fund request submitted for inclusion on the January 2024 CTC agenda. Fund request approved in January 2024 CTC. County notified and will request monthly updates on the progress.

**Pavement; MRN-1 PM 0/12.8; On Route 1, From Junction Route 101 to 0.6 Mile North of Panoramic Highway North (EA: 04-0AA45)**

**Scope:** Rehab the pavement and adjacent facilities.

**Cost Estimate:** \$24.15 (Construction Capital)

**Schedule:** Target RTL: 2027/28

PID 0AA45 approved June 2023. PAED scheduled completion by Fall of 2026.

**Rehabilitate Pavement (CAPM); MRN-101 PM 0.0/8.022; On Route 101; from Golden Gate Bridge to Nellen Ave Undercrossing (EA: 04-4W720)**

**Scope:** Cold plane and resurfacing pavement, upgrade curb ramps and sidewalks, add/replace guardrails and improve drainage.

**Cost Estimate:** \$45.3M (Construction Capital)

**Schedule:** Target RTL: 2027/2028;

PID 4W720 approved June 2023. PAED scheduled completion by Summer of 2026.

## **PROJECTS IN DESIGN PHASE**

**Storm Damage (Permanent Restoration); MRN-1 PM 5.2; On Route 1, near Muir Beach (EA: 04-3AA50)**

**Scope:** Install soldier pile wall with timber lagging, repair roadway and MBGR upgrades.

**Cost Estimate:** \$1.5 - \$3.8M (Construction Capital)

**Schedule:** Start Construction: Spring 2026

End Construction: Spring 2027

PA&ED reached on February 29, 2024. PS&E ongoing. RTL is scheduled for October 2025.

**Rehabilitate Pavement (CAPM); MRN-131 PM 0.0/4.4; On Route 131 (Tiburon Blvd.) from US 101/131 interchange to Main Street (EA: 04-1Q230)**

**Scope:** Overlay pavement, upgrade curb ramps, add/replace guardrails, improve drainage and construct bike/pedestrian improvements (complete street elements).

**Cost Estimate:** \$13M (Construction Capital)

**Schedule:** Start Construction: Summer 2025

End Construction: Summer 2026

Caltrans hosted a virtual stakeholder meeting to share information and seek input on complete street elements on June 24, 2020. Safe Routes to Schools Committee meeting was held on January 28, 2022. The PDT team is evaluating the impacts of the committee's proposal. Project will not be combined with 04-3AA90. Coordination with Marin County's SLT and SR2S is on-going. PAED was achieved on 2/6/2024.

October 2024: 65% PSE is scheduled for October 31, 2024. A 16-month time extension was approved by the CTC in August 2024.



## TAM Board Meeting Caltrans Report

**Storm Damage (Permanent Restoration); MRN-131 PM 2.0; On Route 131, in Tiburon, at about 350 feet Northwest of Stewart Drive (EA: 04-3AA90)**

**Scope:** Install sheet pile/soldier pile retaining wall and repair roadway.

**Note:** Work being added to 04-1Q230 CAPM, to be combined into 04-1Q23U.

04-3AA90 will be a separate project from 04-1Q230. Design preparing the APS request to Structure Design for retaining wall type selection. Project Environmental Document (CE/CE) PAED approved December 2023

October 2024: 65% PSE is scheduled for December 2024.

**Upgrade and Replace Existing Bridge Railing Systems (Coyote Creek Bridge-# 27-0018, Eskoot Creek Bridge-#27-0077, Olema Creek Bridges-#27-0020 & #27-0021); MRN-1 PM 7.4/18.8; On Route 1 at various locations (EA: 04-0P960)**

**Scope:** Upgrade/replace the bridge railings systems to meet the current standard on four bridges along Route 1.

**Cost Estimate:** \$8.1M (Construction Capital)

**Schedule:** Start Construction: Spring 2025  
End Construction: Fall 2026

95% PS&E is scheduled for October 2024.

**Replace Culvert; MRN-1 PM 40.3/40.3; On Route 1 near Marshall at 0.10 mile south of Clark Road (EA: 04-2J510)**

**Scope:** Replace existing 66-inch diameter culvert and rebuild slope.

**Cost Estimate:** \$2.3M (Construction Capital)

**Schedule:** Start Construction: Spring 2025  
End Construction: Spring 2027

Construction is currently replacing 50 feet of the existing culvert by a Director's Order (DO). DO has completed temporary rock slope protection/bank stabilization at west end

October 2024: 100% PSE is scheduled for November 2024. RTL delay risk due to National Marine Fisheries Service (NMFS) Biological Opinion.

**Marin-Sonoma Narrows Contract B6 – Replace Bridge; MRN/SON -101 PM MRN-101 27.0/27.6 & SON-101 0.0/0.3; On San Antonio Road (local road) near Petaluma, 0.6 miles north of Route 101 (EA: 04-2640S)**

**Scope:** Construct a two-lane bridge.

**Cost Estimate:** \$10.9M (Construction Capital)

**Schedule:** Start Construction: TBD  
End Construction: TBD

The project is on hold due to funding shortfalls in all its components. An additional \$8.2M is needed to fully fund the project, and project partners are looking for funding. Caltrans is the lead agency for this project. The County has held two public information meetings on this project. In the June 25, 2021 partnering meeting, the partners agreed to collectively look for funding to restart the project. The County has applied for additional HBBRR funding. RM 3 funds, when available, could be a potential funding source for this project. Discussions resumed with the County on September 13, 2022 on the potential need for a co-op agreement, but Caltrans needs to confirm whether the freeway agreements will suffice. Caltrans may need to seek funding for the entire project due to the language in the agreement.

October 2024: Staff discussions restarting with the County of Marin, Sonoma County, TAM, SCTA, and Caltrans to discuss project status and Highway Bridge Program funding.

# TAM Board Meeting Caltrans Report

## **Lagunitas Creek Bridge; MRN-1 PM 28.51; On Route 1 near Point Reyes Station, at Lagunitas Creek (EA: 04-0G642)**

**Scope:** Replace existing bridge.

**Cost Estimate:** \$11.6M (Construction Capital)

**Schedule:** Start Construction: Fall 2025  
End Construction: Fall 2027

RTL and subsequent construction schedule are at risk due to RW issues. The project requires: 10 parcels which includes 2 partial takes, 8 Temporary Construction Easements (TCE), and 3 utility relocations. RW now expects condemnation. In addition, shortage of staff in RW to handle the acquisition process is delaying the RW certification which will delay the fiscal year delivery. Project schedule revised: RTL Jan 2025, Award July 2025, and Construction Completion Dec 2027. Project will be unpaired and reprogrammed with RTL (Design Completion) date Spring 2025. A supplemental project report was prepared

October 2024: A public meeting was held on October 9, 2024 to update the community on the latest design and progress. 100% PSE is scheduled for November 2024. RTL delivery risk due to right of way and environmental permits.

## **Bellam Intersection Improvement; MRN-101/580- PM 9.8/9.9 & PM 4.4/4.7; Northbound Route 101 / Eastbound Route 580 Off-Ramp to Bellam Blvd. in San Rafael (EA: 04-0Q270)**

**Scope:** Widen off-ramp, modify intersection, and modify traffic signal.

Cost Estimate: \$6.2 M (Construction Capital)

**Schedule:** Start Construction: Winter 2024  
End Construction: Winter 2025

TAM is the lead for this project, and the project will be implemented via an encroachment permit. RW Certification approved on September 12, 2024. Encroachment Permit was issued on October 15, 2024. The project is currently in advertisement and County of Marin will administer the contract.

## **Marin-Sonoma Narrows Contract B8 – utility relocation and bike lanes in Marin; MRN - 101 – PM 24.0/27.5; On Route 101, from 2.0 miles north of Atherton Ave. Overcrossing to 0.1 miles south of the Marin/Sonoma County line (EA: 04-26473)**

**Scope:** Relocate utilities located in the state R/W on Route 101 and widen/rehabilitate 0.6 miles of San Antonio Road (County Road) to include a Class-II bike facility.

**Cost Estimate:** \$4.9M (Construction Capital and Utility Relocation)

**Schedule:** Start Construction: Spring 2024  
End Construction: Spring 2025

This project is funded by local and Regional Measure 3 (RM3) funds, and TAM is the lead for the PS&E of this project. The project scope is to secure R/W, relocate utilities, and widen/rehabilitate San Antonio Road for Class II bike lanes. The MSN BO amendment was approved on May 6, 2022. The environmental revalidation was signed on May 9, 2022. This project needs additional Right of Way funds and appraisals are still in progress, and this is holding up the Utility Agreement. In March 2023, the project team coordinated with HQ Design Office of Project Support with regards to the permanent longitudinal exception and the request for exception was denied once more.

As of April 2023, appraisal of 6 properties completed. Appraisal of Solar Farm and Utility agreement pending due to the need for additional right of way funds. This was discussed in the June 2023 ESC. Caltrans and TAM are working on the funding shortfall in conjunction with MTC. Revised funding plan is being developed by CT in conjunction with TAM using previously budgeted SB1 SCCP and MTC federal discretionary funds and TAM Measure AA funds. The condemnation process for the Silveira property on the north side is ongoing.

October 2024: Corda property signed RW contract. Silveira property cases are ongoing.

# TAM Board Meeting Caltrans Report

## **Upgrade Curb Ramps and Sidewalk; MRN-101 PM 13.7; On Route 101, in San Rafael, at Manuel T. Freitas Parkway; (EA: 04-0K800)**

**Scope:** Upgrade curb ramps and sidewalk and construct a roundabout.

**Cost Estimate:** \$4.5M (Construction Capital)

**Schedule:** Start Construction: Fall 2024  
End Construction: Fall 2025

The project is being coordinated with Golden Gate Transit, Marin Transit and the City of San Rafael for bus stop relocation and improvements in City R/W.

October 2024: Project Advertisement September 30, 2024. Bid Opening Date scheduled for November 20, 2024. The project has a Mandatory Pre-bid Meeting on October 29, 2024.

## **Plant Establishment; MRN-1 PM 11.5; On Route 1, in Stinson Beach, 0.6 mile south of Panoramic Highway north junction, Plant Establishment (EA: 04-0W130)**

**Scope:** Follow-up plant establishment for two completed storm damage projects (EAs 04-0P130 and 04-4K240).

**Cost Estimate:** \$0.75 M (Construction Capital)

**Schedule:** Start Construction: Summer 2022  
End Construction: Spring 2026

The project achieved RTL on January 20, 2022, and the MEPA contract is under the DPAC contract process. Construction allocation was approved at the March 2022 CTC meeting. October 2023: Maintain Existing Planted Areas requirement ends June 2025.

## **Novato Creek Bridge Replacement SR 37; MRN-37 PM 11.2/13.7; On Route 37 from US 101 to Atherton Avenue (EA: 04-4Q321).**

**Scope:** Replace Novato Creek Bridge to address Sea Level Rise (SLR) and recurring flooding while including Complete Streets features to address multi-modal bicycle and pedestrian use (EA 04-4Q321). This is Phase 1 of the Flood Reduction Project- Phase 2 will include the remainder of the causeway between US 101 and Atherton Avenue. Cost estimate and schedule of Novato Creek Bridge replacement are as follows:

**Cost Estimate: Pending**

**Schedule:** Env. Clearance: January 2024  
Start Construction: Summer 2027  
End Construction: Summer 2029

Project Approval and Final Environmental Document was achieved on January 31, 2024. TAM entered into a cooperative agreement with Caltrans after selecting them to perform design. PS&E is underway. Determining width of the multi-use path is time sensitive.

## **Rehabilitate Bridge; MRN-37 PM 14.5; Petaluma River Bridge (EA: 04-2Q500)**

**Scope:** Resurface bridge deck, replace bridge fender system, and upgrade bridge railings.

**Cost Estimate:** \$31M (Construction Capital)

**Schedule:** Start Construction: Summer 2025  
End Construction: Spring 2028

Work on this project will be coordinated with EAs 04-4Q320 (reconstruct SR 37) and 04-2K740 (CAPM). The 100% P&SE package is on track for mid-November 2024 and targeting an RTL in April 2025: The 100% PSE is in progress and RTL will be contingent on permit approval by April 2025.

# TAM Board Meeting Caltrans Report

## **Rehabilitate Pavement (CAPM); MRN-37 PM R11.2/14.6; On Route 37 from Route 101/37 Interchange to Petaluma River Bridge. (EA: 04-2K740)**

**Scope:** Overlay pavement with asphalt concrete and mitigate roadway settlement at post mile (PM) 13.04.

**Cost Estimate:** \$19M (Construction Capital)

**Schedule:** Start Construction: Spring 2025  
End Construction: Summer 2026

July 2024: RTL was achieved on 6/20/2024 with construction allocation via CTC in August 2024. Work on this project will be coordinated with EA 04-2Q500 (Rehabilitate Petaluma River Bridge).

## **Marin Route 1 Broadband Middle Mile Network; MRN-1 PM 0/7.1; On Route 1 from Route 101 to Muir Beach Overlook. (EA: 04-1Y810)**

**Scope:** Install broadband circuit and fiber infrastructures as part of Broadband Middle Mile Network (BMMN).

**Cost Estimate:** \$6M (Construction Capital)

**Schedule:** Start Construction: Spring 2025  
End Construction: Fall 2025

October 2024: Caltrans is partnering with California Department of Technology to build out statewide broadband middle mile network. This project will be delivered as a Job Order Contract. A contractor is onboard and will begin work after RTL scheduled for Winter 2024.

## **Address Seismic Deficiencies and Upgrade Pedestrian Infrastructure; MRN-101 PM 7.4; On Route 101 at Tamalpais Overcrossing (EA: 04-4J860)**

**Scope:** Install cable restrainer at bridge abutments to improve seismic resistance, and upgrade Pedestrian Overcrossing (POC) to meet ADA standards.

**Cost Estimate:** \$28M (Construction Capital)

**Schedule:** Start Construction: Fall 2024  
End Construction: Fall 2025

Ongoing coordination with transit agencies (GGBHTD and Marin Transit) to address their concerns about preferred alternative. Caltrans is exploring the option of obtaining IJJA safe and complete streets funds to supplement current funding. Corte Madera Town Council passed a resolution committing up to \$3M for construction of Preferred Alternative. The TAM Board programmed approximately \$1.1 million in Cycle 5 Local Partnership Program (LPP) Formula funds to Corte Madera for the Tamalpais Overcrossing Project. PAED achieved end of June 2023. As of October 2023, the Project is in PSE phase. Bridge Site Submittal submitted to HQ-DES Bridge design on 11-9-2023.

October 2024: A 15-month time extension was approved by the CTC in August 2024. The project continues to have coordination meetings with the Town of Corte Madera (Minor structural elements, i.e. staircase and Architectural treatment) and with the Transit agencies (Transit Signal Priority). The project is currently experiencing cost pressure due to an increase in the cost index and the additional items requested.

## **Drainage System Restoration; MRN-1 PM 13.1/45.1; On Route 1 from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations (EA: 04-2Q53U)**

**Scope:** Replace 51 deteriorated drainage culverts, replace headwalls, and install drainage inlets..

**Cost Estimate:** \$14.1M (Construction Capital)

**Schedule:** Start Construction: Spring 2026  
End Construction: Fall 2028

The project received approval of a 14-month time extension for construction allocation at the August 2024 CTC meeting. The project has a high delivery risk due to the RW acquisition and fish passage implementation. RTL is scheduled Summer of 2025.

# TAM Board Meeting Caltrans Report

**Storm Damage (Permanent Restoration); MRN-101 PM 6.1/6.3; On Route 101, in Corte Madera. 0.4 miles North of US101/SR 131 Separation (EA: 04-2AA30)**

**Scope:** Restore the cut slope

**Cost Estimate:** \$2.7M (Construction Capital)

**Schedule:** Start Construction: Spring 2026  
End Construction: Spring 2027

October 2024: Currently on PSE stage. RTL is scheduled for Winter 2025.

**Storm Damage (Permanent Restoration); MRN-101 PM 16.1/16.2; On Route 101, near San Rafael on US 101 from 0.53 mile north of Miller Creek Road OC to 0.44 mile south of Pacheco Creek/Nave Drive OC (EA 2AA40)**

**Scope:** Repair Slip outs

**Cost Estimate:** \$526K (Construction Capital)

**Schedule:** Start Construction: Fall 2025  
End Construction: Fall 2026

October 2024: Currently in PSE. RTL is scheduled for Spring 2025.

**Rehabilitate Pavement (CAPM); MRN-101 PM 8.0/15.3; On Route 101; from Nellen Avenue Undercrossing to Miller Creek Bridge (EA: 04-4AC70)**

**Scope:** Cold plane and resurface pavement, upgrade curb ramps, add/replace guardrails and improve drainage.

**Cost Estimate:** \$21.5M (Construction Capital)

**Schedule:** Start Construction: Summer 2026  
End Construction: Spring 2028

October 2024: 65% PSE is scheduled end of October 2024.

**Bridge Preservation; MRN-101 PM 8.47; On Route 101, Corte Madera Creek Bridge No. 27-0008K (EA: 04-0W210)**

**Scope:** Patch deck spalls, replace the joint seal, treat the bridge deck with methacrylate, overlay with polyester concrete, place galvanic anode jacket system on rectangular columns, provide vent holes.

**Cost Estimate:** \$2.1M (Construction Capital)

**Schedule:** Start Construction: Spring 2026  
End Construction: Spring 2027

October 2024: 65% PSE is scheduled for February 2025. RTL is scheduled for the winter of 2025.

## **PROJECTS IN CONSTRUCTION PHASE**

**Marin-Sonoma Narrows Contract B7 – HOV lane in Marin; MRN – 101- PM 20.8/27.3; On Route 101, in and north of Novato, SB HOV lane from 0.3 miles south of the Marin/Sonoma County line to just south of Franklin Ave. Overhead (6.0 miles), and NB HOV lane from 1.7 miles north of Atherton Ave. Overcrossing to 0.3 miles south of the Marin/Sonoma County line (3.5 miles)- (EA: 04-26472)**

**Scope:** Roadway and bridge widening and Redwood Landfill Interchange modification for HOV lanes and standard shoulders and horizontal and vertical roadway alignment correction. The scope does not include utility relocation and R/W acquisition for access control. The roadway work is not in direct conflict with utilities to be relocated.

**Cost Estimate:** \$103.7M (Construction Capital)

**Schedule:** Start Construction: July 7, 2022  
End Construction: Fall 2026 (3-year construction and 1-year Plant Establishment Period)

# TAM Board Meeting Caltrans Report

October 2024: Construction continues in Stage 3 on the old Northbound lanes, earthwork on this stage is complete and the new roadway section is currently being paved with HMA. 3 of the 5 new retaining walls in this Stage have been completed. Widening at Franklin Avenue Overhead is nearly complete, the only remaining work at Franklin Avenue OH consists of a new concrete barrier and replacement of the slope paving beneath the structure. This stage is anticipated to be completed in January 2025.

## **Marin 1 Giacomini Director Order Follow-Up Mitigation - On Route 1 near Five Brooks, at Giacomini Creek Bridge. (04-0AA44)**

**Scope:** Follow-up mitigation planting and monitoring.

**Cost Estimate:** \$601K (Construction Capital)

**Schedule:** Start Construction: Spring 2022  
End Construction: Spring 2025

This project will implement follow-up mitigation for Director's Order major damage project EA: 04-4K850. The project was awarded, and contract approved in January 2022.

## **Plant Establishment; MRN-1 PM 10.7/11.0; On Route 1 near Stinson Beach, from 1.5 to 1.2 miles south of Panoramic Highway junction north (EA: 04-0AA48)**

**Scope:** Complete the monitoring requirements/commitments for plant establishment. This project will provide four (4) additional years of Plant Establishment Period (PEP) for replacement trees, shrubs, and erosion control plants installed on State Route (SR) 1 by two Director's Order major damage projects (EAs 04-4K240 and 04-4S220).

**Cost Estimate:** \$824K(Construction Capital)

**Schedule:** Start Construction: Spring 2022  
End Construction: Spring 2025

The project was awarded in December 2021 and approved contract in January 2022.

## **Route 580/101 HOV Gap Closure Mitigation Planting; MRN-101 PM 9.7/12.7; On Route 101 in San Rafael, at Brookdale Area (EA: 04-2261H)**

**Scope:** Follow-up Mitigation Planting for the Marin Route 580/101 HOV Gap Closure Project.

**Cost Estimate:** \$219K (Construction Capital); \$490K (Offsite Mitigation)

**Schedule:** Construction activities have been completed. The construction contract was accepted in Spring 2022 after a 5-year Plant Establishment Period (PEP).

TAM is the lead for the onsite project. Project was implemented via an encroachment permit. Caltrans is the lead for off-site mitigation. The off-site mitigation includes restoring a portion of Glenview Creek by California State Parks and the acquisition and transfer of 2.1 acres of the Lincoln/Butte parcel to Sausalito for preservation as permanent open space. The Brookdale parcel will be relinquished to the City of San Rafael after completion of the Plant Establishment Period (PEP). On May 5, 2022, TAM and City staff reviewed plantings with the contractor and found them to be in accordance with contract requirements.

## **Gulch Bridge Scour Mitigation; MRN-1 PM 33.4; On Route 1, near Point Reyes Station, at Millerton Gulch Bridge (EA: 04-0J570)**

**Scope:** Follow-up onsite environmental monitoring and off-site mitigation for a scour mitigation project.

**Cost Estimate:** \$860K (Construction Capital)

**Schedule:** Construction started in Summer 2019, and completion of the construction contract was anticipated in Summer 2024 upon completion of the Plant Establishment Period (PEP).

Emergency Directors Order (DO) project performed the scour mitigation work. This project was down-scoped to a follow-up off-site environmental mitigation project with a 5-year plant establishment and a 10-year monitoring period upon completion of the DO.

# TAM Board Meeting Caltrans Report

## **San Antonio Creek Bridge Scour Mitigation; MRN/SON-101 PM 0.0; On Route 101, near City of Petaluma, at Sonoma/Marin County line (EA: 04-3J080)**

**Scope:** Mitigate scour and preserve the structural integrity of the northbound San Antonio Creek Bridge and mitigate scour at southbound San Antonio Creek bridge abutment left in place by the MSN B3 project. The project will also minimize the flooding potential at the site by clearing drainage ditches of silt.

**Cost Estimate:** \$2M (Construction Capital)

**Schedule:** Start Construction: June 2023

End Construction: November 2024 (100-day construction and 1-year Plant Establishment Period)

The northbound San Antonio Creek Bridge will be relinquished to the County upon completion of the scour mitigation and other repairs. Sonoma County has concurred on the construction of this project. Relief of Maintenance has been granted to the contractor. The Plant Establishment Period continues, on track for completion by November 7, 2024.

## **Marin 1 Capital Preventive Maintenance Project (CAPM); MRN-1 PM 22.8/31.2 & 45.0/50.5; On Route 1 near Point Reyes Station & Olema, from Olema Creek to north of Cypress Road & on Route 1 near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (EA: 04-1J960)**

**Scope:** Overlay pavement and shoulders with asphalt concrete (HMA-A), upgrade existing guardrails and crash cushions, and improve drainage.

**Cost Estimate:** \$24.4 M (Construction Capital)

**Schedule:** Start Construction: Summer 2024

End Construction: Spring 2026

The environmental phase (PA&ED) was completed on August 25, 2020. Public outreach informational meetings were held on April 2, 2019, and March 11, 2020. The project will include Safe Routes to Schools (SR2S) improvements in partnership with TAM and Marin County. The scope of work for the SR2S is being coordinated with the County. The contractor completed all drainage work and is currently working on curb ramps and sidewalk construction in Point Reyes Station and Tomales. The estimated date of completion is July 2026 which includes one year of Plant Establishment

## **OTHERS**

- Caltrans is working with the County of Marin on Phase 1 of Bolinas Lagoon Wye project on Route 1 at PM 17.05/17.20 (PEER Project; EA: 04-1W320). Anvil Builders is the designated Contractor with the first working day on 6/21/24 (A). October 2024: The contractor is currently working on pier installation for the new bridge and final creek alignment.
- Caltrans maintenance restored the drainage system (culverts and ditches) along the Bolinas Lagoon to prevent recurring flooding on Route 1 in 2018 (EA 04-3Q020). Caltrans is working with the County and local elected officials to find a long-term solution for recurring flooding and vegetation management along Route 1.
- The two-way Bike path constructed on Sir Francis Drake Blvd. Overcrossing (EA 04-0Q273) is a four-year pilot study that is now being transitioned to a permanent facility.
- US 101 - Redwood Blvd. Slide repair Director's Order. (04-3Y6404) – Construction started on June 13, 2023. The scope of work consists of constructing a new retaining wall and repairing the existing frontage road. The work will coordinate with PG&E utility line reconstruction. All construction activities are complete, and all Caltrans review parties have concurred on the work. Caltrans is working with Marin County to complete Contract Acceptance.