



November 19, 2020

TO: Transportation Authority of Marin Board of Commissioners
FROM: Anne Richman, Executive Director
SUBJECT: Executive Director's Report – Agenda Item 4 (Discussion)

Introduction of Bill Higgins, Executive Director of CALCOG

Expected to join us at the Board meeting is Bill Higgins, Executive Director of the California Association of Councils of Government (CALCOG). TAM recently joined CALCOG, and ED Higgins will provide a brief welcome and overview of the organization.

STATE

Solutions for Congested Corridors Program

The final major phase of construction for the Marin-Sonoma Narrows Project (B7) has been recommended by California Transportation Commission (CTC) staff to receive \$40.1 million from the highly competitive SB1 Solutions for Congested Corridors program (SCCP).

The SCCP provides \$250 million annually to fund projects designed to reduce congestion in highly traveled and highly congested corridors. After adopting guidelines, the CTC established the 2020 SCCP as a two-year, \$494 million program (Fiscal Years 2021-22 and 2022-23).



Project nominations for the 2020 SCCP were due in July 2020. The CTC received 21 project nominations seeking over \$1.3 billion in funding. Among the project nominations was the Marin Sonoma Narrows (MSN) Project B7 Contract requesting \$40.1 million.

An evaluation team, consisting of CTC and Caltrans staff, evaluated all 21 project nominations based on the screening and evaluation criteria set forth in the Commission's adopted guidelines.

On November 16, 2020, CTC released the staff recommendations for project funding that totaled \$500 million for seven projects. Among the seven selected was the MSN Project B7 Contract with a recommended amount of \$40.1 million in SCCP funds.

The CTC will consider staff recommendations and adoption at their December 2-3 meeting.

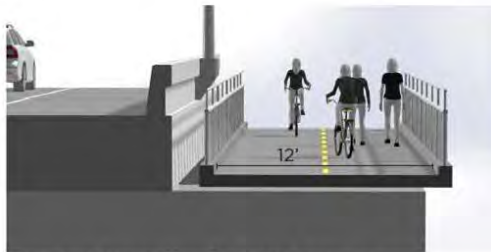
LOCAL

Part-Time Transit Lane Study – Survey Deadline Extension

The survey deadline to provide input on the Part-Time Transit Lane (PTTL) Study has been extended until Friday, November 27, 2020. The PTTL study analyzes the feasibility and potential benefits of allowing buses to bypass heavy traffic on US 101 by using the existing shoulder between Novato and San Rafael. The survey is being circulated by TAM and project partners to help us learn how the part-time transit lane could best serve transit riders. A new video describing the project has been posted on the TAM website and is available in English and Spanish.



North-South Greenway Update



Eye-Level Perspective Multi-Use Pathway

The North-South Greenway project continues to move closer to construction. The TAM Board, the California Transportation Commission (CTC) and the Metropolitan Transportation Commission (MTC) recently approved the necessary funding to fill a shortfall created by higher than expected construction bids. The funding package is now complete, and Caltrans is poised to award the construction contract this month. Construction is expected to begin in spring 2021.

Focus on the Future Virtual Conference

The Self-Help Counties Coalition hosted their annual conference in a virtual format on Monday, November 16 and Tuesday, November 17. The conference featured transportation professionals from throughout the state and the nation. TAM was well represented with three staff members on virtual panels. Anne Richman presented on the Resilient SR 37 panel, Derek McGill presented on the Innovations in Active Transportation panel, and Molly Graham joined the panel discussion about Public Outreach in a Virtual World. The Focus on the Future conference next year will be hosted in San Francisco, November 14- 16, 2021. Fingers crossed we all get to meet in person.



Connect2Transit Program Featured in APTA "Innovations in Mobility" Webinar



TAM and Marin Transit staff participated in the Innovations in Mobility Webinar Series hosted by the American Public Transportation Association. The webinar, on October 29, featured the Connect2Transit Program and the creative collaboration with Marin Transit and UBER to serve connections

to major transit hubs through mobility options promoted in the UBER app. The program was highlighted as an innovative and user-friendly model and the webinar is being posted among the Innovations in Mobility Webinars on APTA.com.

Website Translation Widget

TAM has added the ability to automatically translate all text on both the www.tam.ca.gov and www.marincommutes.org websites into a wide variety of languages. You can find the translation widget at the top of both websites. TAM is pleased to further expand our outreach.



Local/Regional/State Election Results



During this busy election season, several local and state measures were approved related to transportation or infrastructure. These include:

- Novato's Measure Q was passed for general city services, including local COVID-19 crisis relief/recovery; neighborhood police patrols; 9-1-1 emergency response; repairing potholes/streets; supporting business community recovery; disaster response. Increases Novato's existing transient occupancy tax by 2% (paid only by hotel/lodging guests), until ended by voters, providing an additional \$400,000 annually.
- San Rafael's Measure R was passed to preserve essential city services, including disaster/health emergency preparedness, repairing potholes/city streets, maintaining 911 emergency response times, city parks/playgrounds, and other city services. Increases local sales tax rate by ¼ %, for 9 years, providing \$3,400,000 per year.
- Sonoma County Transportation Authority (SCTA) Measure DD was passed to renew an existing 0.25% sales tax for 20 years. Provides \$26 million a year for street repairs, pedestrian safety and expanded public transportation.
- Caltrain Measure RR was approved by voters in San Francisco, San Mateo, and Santa Clara counties, which will provide Caltrain its first ever source of dedicated funding. The measure will allow a 1/8-cent sales tax increase in those counties and raise an estimated \$108 million annually for 30 years.
- Statewide Prop 22 appears to have passed, allowing Uber, Lyft, Doordash and other similar companies to continue to consider drivers to be contractors rather than employees. The Connect2Transit program, TAM's partnership with Marin Transit and Uber, will continue under its present terms.

REGIONAL

MTC Soon to Release the Pavement Condition Report



Each year MTC releases a Pavement Condition Report documenting the 3-year moving average of the Pavement Condition Index (PCI) for each jurisdiction in the Bay Area. The PCI measurement factors include pavement age, climate and precipitation, traffic loads and available maintenance funding. Most of Marin cities/towns are in the “fair” pavement condition category. The report, with details for each city and town, is expected to be released this week.

SMART Hires New Chief Financial Officer

SMART announced that Heather McKillop has been hired as the district's new Chief Financial Officer (CFO). As CFO, Ms. McKillop will oversee SMART's financial management, including day-to-day accounting, budget, payroll and financial management. Prior to joining SMART, Heather was the Chief Financial Officer and Assistant General Manager of Finance & Administration for the Regional Transportation District (RTD) in Denver, Colorado.



Caltrans District 4 Director Moving On to District 7



On October 28th, Caltrans announced that District 4 Director Tony Tavares will be moving on to become Director of District 7 (Los Angeles area). Tony will continue at D4 while an Acting District Director is brought on board.

The monthly Caltrans project update report for Marin County is attached for information.

TAM Board Meeting Caltrans Report

PROJECTS IN INITIATION PHASE (Active PIDs).

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

Scope: Install sheet pile with anchors and repair roadway.

Cost Estimate: \$1.5M (Construction Capital)

Schedule: Start Construction: TBD
End Construction: TBD

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.

Cost Estimate: \$2.4M (Construction Capital)

Schedule: Start Construction: TBD
End Construction: TBD

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: \$1.3M (Construction Capital)

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

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: Overlay Pavement, upgrade curb ramps, add/replace guardrails and improve drainage.

Cost Estimate: \$19.9M (Construction Capital)

Schedule: Start Construction: Spring 2024
End Construction: Spring 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: Agreements for funding contribution to local projects in Marin County within significant trash generation areas.

Cost Estimate: \$4.0 (Construction Capital)

Schedule: Start Construction: Spring 2025 and TBD
End Construction: TBD

Install Barrier; MRN-1/101/131/580 PM var; On Routes 1, 101, 131, and 580; at various locations (EA: 04-3J260)

Scope: Install Outer Separation Concrete Barrier (Type 60).

Cost Estimate: \$2.5M (Construction Capital)

Schedule: Start Construction: Spring 2021
End Construction: Fall 2021

TAM Board Meeting Caltrans Report

PROJECTS IN ENVIRONMENTAL PHASE

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 and improve drainage.

Cost Estimate: \$11M (Construction Capital)

Schedule: Start Construction: Summer 2024
End Construction: Summer 2025

The project scope will be revised to include additional bike/pedestrian improvements. Caltrans hosted a virtual stakeholder meeting to share information and seek input on potential complete street elements on June 24, 2020,

Address Seismic Deficiencies and Upgrade Pedestrian Infrastructure; MRN-101 PM 7.4/18.8; 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: \$18M (Construction Capital)

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

The Project Initiation Document (PID) included several alternatives, but only one alternative is currently funded. The project will require coordination with local partners to select an alternative and may require funding arrangements if a more costly alternative is chosen.

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

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

Cost Estimate: \$32M (Construction Capital)

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

This project will be coordinated with EA: 04-4Q320 (reconstruct SR 37 project)

Drainage System Restoration; MRN-1 PM 13.1/44.9; On Route 1 from 0.7 mile north of Stinson Beach to 0.5 mile north of Walker Creek (EA: 04-2Q530)

Scope: Replace 29 deteriorated drainage culverts within the project limits, replace headwalls, and install drainage inlets.

Cost Estimate: \$6.5M (Construction Capital)

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

Repair/Replace Culverts; MRN-1 PM 13.05/45.1; On Route 1 at various locations from 0.2 miles north of Calle del Arroyo to 0.2 miles south of Tomales-Petaluma Road. (EA: 04-3A250)

Scope: Repair/Replace 21 damaged/deteriorated cross culverts within the project limits, replace headwalls, and install drainage inlets.

Cost Estimate: \$3.6M (Construction Capital)

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

TAM Board Meeting Caltrans Report

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

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

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: \$19 M (Construction Capital)

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

This project will be coordinated with EA: 04-4Q320 (reconstruct SR 37 project)

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 mitigated 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: \$997K (Construction Capital)

Schedule: Start Construction: Summer 2022
End Construction: Winter 2023

The northbound San Antonio Creek Bridge will be relinquished to the County upon completion of the scour mitigation repairs. This project will also replace the rock-lined ditch with a concrete-lined ditch at San Antonio Bridge on US 101 (constructed by EA 04-26409).

Reconstruct SR 37; MRN-37 PM 11.2/13.7; On Route 37 from US 101 to Atherton Avenue (EA: 04-4Q320).

Scope: Reconstruct State Route 37 to address Sea Level Rise (SLR) and recurring flooding while including Complete Streets features to address multi-modal bicycle and pedestrian use (EA 04-4Q320 - long lead project).

Cost Estimate: \$10.0M (Environmental Clearance Only)

Schedule: Env. Clearance: Spring 2023
Start Construction: TBD
End Construction: TBD

This is a long lead project that is only funded for the environmental phase (PA&ED). Work on this project will be coordinated with EAs 04-2Q500 and 04-2K749.

TAM Board Meeting Caltrans Report

PROJECTS IN DESIGN PHASE

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: Spring 2023
End Construction: Fall 2024

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 Route to School (SR2S) improvements in partnership with TAM and the County of Marin. The scope of work for the SR2S will be determined and coordinated with the County. A funding agreement with TAM is needed for the SR2S work.

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: \$13.2M (Construction Capital)

Schedule: Start Construction: TBD
End Construction: TBD

Caltrans was the lead for the environmental phase. The lead agency for Design, R/W, and Construction is yet to be determined. The project has shortfalls in all components, and an additional \$8.0M is needed to fully fund the project. The County has held two public information meetings on this project.

North/South Greenway Gap Closure Project (Northern Segment); MRN-101 PM 8.4/8.6; On Route 101 in Larkspur, at East San Francis Drake Blvd. (EA: 04-1A661)

Scope: Construct a new bike path on Corte Madera Creek Bridge (off-ramp).

Cost Estimate: \$9.92M (Construction Capital)

Schedule: Start Construction: Spring 2021 (Award anticipated in November 2020)
End Construction: Summer 2022

Public scoping meetings were held on March 19, 2015, July 29, 2015, and March 21, 2016. The cooperative agreement with TAM for construction was executed on March 13, 2019. The freeway maintenance agreement (amendment) with the City of Larkspur was executed in September 2019. All bids were higher than the engineer's estimate/allocation. CTC allocated \$1.5 million of SB1-LLP to the project, and TAM increased funding RM2 funding by \$672K to award the project.

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: TBD
End Construction: TBD

The Environmental Document (EIR/EA) was completed on June 29, 2018. Public meetings were held in May 2017 and June 2017. The project is in litigation, and EIR/EA is being challenged by Friends of the Green Bridge, et al). Due to COVID 19, the litigation is not expected to be resolved until March 2021 or later. Environmental revalidation is on hold until the litigation is resolved. The construction schedule is to be determined and is dependent on the outcome of the litigation.

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: \$6.3 M (Construction Capital)

Schedule: Start Construction: Summer 2021
End Construction: Fall 2021

TAM is the lead for this project, and the project will be implemented via an encroachment permit. The schedule is dependent on funding.

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: Spring 2021 (RTL in November 2020)
End Construction: Fall 2023

TAM is the lead for PS&E. Currently, this project is partially funded with Local and RM3 funds, and its construction is not fully funded. The project sponsors are seeking SB1-SCCP funding to fully fund this project. The project could be delayed if the release of RM3 funding is delayed due to a pending lawsuit. The cooperative agreement for construction with TAM is executed.

TAM Board Meeting Caltrans Report

Marin-Sonoma Narrows Contract B8 – HOV lane 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 2022
End Construction: Spring 2024

This project is funded by Local and RM3 funds and TAM is the lead for PS&E of this project. The project scope is to secure R/W, relocates utilities, and widen/rehabilitate San Antonio Road for Class II bike lanes. The project could be delayed due to 1) right-of-way acquisitions from private properties and 2) the release of RM3 funding due to a pending lawsuit.

Restore Damaged Drainage System; MRN-101 PM 0.2; On Route 101, near Sausalito, 0.1 miles south of Alexander Avenue (EA: 04-4J420)

Scope: Replace existing damaged Corrugated Metal Pipe (CMP) down drains with new Corrugated Steel Pipe (CSP) down drains.

Cost Estimate: \$1.1M (Construction Capital)

Schedule: Start Construction: Summer 2021
End Construction: Fall 2021

Interim repairs were completed in November 2019. This project was coordinated with NPS, and it will address issues related to scouring/surface drainage within Caltrans R/W and install trash capture devices in Caltrans R/W. The project will also include a bioswale in NPS R/W (Fort Baker). Advance tree removal work has been completed.

Upgrade Curb Ramps and Sidewalk; MRN-131 PM 0.9; On Route 131, in the Town of Tiburon, at Blackfield Dr. and Greenwood Cove Dr. intersection; (EA: 04-4J450)

Scope: Eliminate four free right turns, upgrade curb ramps and sidewalk and install a new traffic signal, also install APS system countdown timers.

Cost Estimate: \$2.1M (Construction Capital)

Schedule: Start Construction: Spring/Summer 2021
End Construction: Fall 2021

The project is being coordinated with Golden Gate Transit and Marin Transit for bus stop relocation improvements. The plans were discussed with the Town of Tiburon and the County of Marin. Construction activities will mostly occur during school summer vacation. The project has been advertised. The bids will open on December 10, 2020.

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.

Cost Estimate: \$2.2M (Construction Capital)

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

The project is being coordinated with Golden Gate Transit and the City of San Rafael for bus stop relocation/improvements in City R/W. The City has requested a roundabout in lieu of a signal at the offramp terminus in City R/W.

TAM Board Meeting Caltrans Report

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: \$850K (Construction Capital)

Schedule: Start Construction: Spring 2021
End Construction: Spring 2026

This project will implement follow-up mitigation for EA: 04-4K850.

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 (EA 04-4K240 and EA 04-4S220).

Cost Estimate: \$1.1M (Construction Capital)

Schedule: Start Construction: Spring 2022
End Construction: Fall 2026

Repair Culverts; MRN-101 PM 11.2; On Route 101 at Irwin Creek Bridge, Bridge #27-0097 (EA: 04-0K510)

Scope: Rehabilitate corrugated metal arch culvert bridge and four adjoining deteriorated culverts.

Cost Estimate: \$1.9M (Construction Capital)

Schedule: Start Construction: Fall 2022
End Construction: Summer 2023

PROJECTS IN CONSTRUCTION PHASE

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 will be accepted in December 2021 after a 5-year Plant Establishment Period (PEP).

TAM is the lead for this project, and the project is being implemented via an encroachment permit. Caltrans is the lead for off-site mitigation. The off-site mitigation includes the restoration of a portion of Glenview Creek by California State Parks and the acquisition and transfer of the 2.1 acres Sausalito Lincoln/Butte parcel to Open Space Sausalito for preservation as permanent open space. The Brookdale parcel will be relinquished to the City of San Rafael after the Plant Establishment Period (PEP).

Construct Retaining Wall; MRN-1 PM 10.9; On Route 1 near Stinson Beach, approximately 1.2 miles south of North Panoramic Highway - Emergency Directors Order Contract (EA: 04-4K240-S1)

Scope: Construct retaining wall.

Cost Estimate: \$18.5M (Construction Capital)

Schedule: Completion of the construction contract is anticipated in January 2021.

The Directors Order was amended to accommodate new damage at the site in 2018.

TAM Board Meeting Caltrans Report

Replace Culvert & Repair Washout; MRN-1 PM 22.7/22.8; On Route 1 near Olema, at Giacomini Creek - Emergency Directors Order (EA: 04-4K850)

Scope: Construct a box culvert (PM 22.78) and install sheet piles (PM 22.8).

Cost Estimate: \$4.2M (Construction Capital)

Schedule: Emergency Directors Order (DO) approved on April 12, 2017. Construction is substantially complete. Acceptance of the construction contract is anticipated in December 2020 after the Plant Establishment Period (PEP).

The follow-up mitigation for this project will be done by EA: 0AA44, which is currently in the design phase.

Scour Mitigation; MRN-101 PM 15.35; On Route 101 at Miller Creek Bridge (EA: 04-4G871)

Scope: Scour mitigation.

Cost Estimate: \$1.0M (Construction Capital)

Schedule: Construction has been completed. The contract will be accepted in Fall 2021 after a 3-year Plant Establishment Period (PEP).

Bicycle/Pedestrian Facility on Richmond-San Rafael Bridge; CC/MRN-580 PM CC 0.0/ 4.8 & MRN 4.8/7.8; On Route 580 at Richmond-San Rafael Bridge (EA: 04-2J680 – Contract 2)

Scope: Extend the bicycle/pedestrian path across the Richmond-San Rafael Bridge and to complete connections to the existing Bay Trail segments on the Marin County side of the Richmond-San Rafael Bridge. The bidirectional path will be located on the right shoulder of the westbound Route 580 (upper deck). The path project is a pilot program that will evaluate the usage of the path by bicyclists and pedestrians.

Cost Estimate: \$40.0M (Construction Capital)

Schedule: Completion of the construction contract is anticipated in Winter 2020. The path was open to traffic in November 2019.

The Bay Area Toll Authority (BATA) is the lead for this project, and the project is being implemented via an encroachment permit. This project's bike path will connect to the bike path to be built being built by EA: 04-0Q273, and EA 04-0Q273 is being implemented as CCO to this project.

Marin 101 Ramp Metering - Phase 1; MRN-101 PM 0.0/9.0; On northbound Route 101, at various locations from north of GGB to Route 580 (EA: 04-15161)

Scope: Install ramp metering equipment and TOS elements at 10 locations from GGB to San Francis Drake Blvd on northbound US 101, including ramp widening at three locations. TOS element includes changeable message signs, salvage/removal of wireless magnetometer vehicle detection sensors, and installation of inductance loops.

Cost Estimate: \$6.9M (Construction Capital)

Schedule: Construction contract was awarded on December 17, 2018. Construction started in April 2019, and completion of the construction contract is anticipated in Spring 2021.

The project has widened Route 131 from North Knoll Road to the northbound Route 101 on-ramp to address Tiburon Blvd's congestion. TAM presented the project to Mill Valley City Council on May 6, 2019.

TAM Board Meeting Caltrans Report

Millerton 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.

Cost Estimate: \$860K (Construction Capital)

Schedule: Construction started in Summer 2019, and completion of the construction contract is anticipated in Summer 2023 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 mitigation and environmental mitigation project with a 5-year plant establishment and monitoring period.

Muir Fire Damage Repair; MRN-1 PM 33.4; On Route 1, near Stinson Beach, from Cold Stream Road to 0.2 miles south of Lone Tree Creek. (EA: 04-2AC20)

Scope: Replace replace the soldier pile retaining wall, repair drainage, install erosion control.

Cost Estimate: \$5.6M (Construction Capital)

Schedule: Construction has been delayed due to R/W requirements and is expected to start in Summer 2020. Construction completion is expected in Summer 2021.

This is a Director's Order, Emergency Limited Bid (ELB) project to repair damage by wildfire on Route 1.

Upgrade Pedestrian Facilities; MRN-1 PM 0.02/2.0 & 0.5/0.76; On Route 1 in and near Mill Valley, at Manzanita Park and Ride lot and the intersection of Almonte Blvd. (EA: 04-2G690)

Scope: Upgrade curb ramps and construct new curb ramps as per current ADA standards.

Cost Estimate: \$1.98M (Construction Capital)

Schedule: Construction started in March 2020, and completion of the construction contract is anticipated in Winter 2020.

The construction is substantially completed. The project was coordinated with Golden Gate Transit and Marin Transit for bus stop relocation improvements.

Construct Two-way Bike path on Sir Francis OC (Bridge No. 27-0040); MRN-580 PM 3.3/3.4; On Route 580 from Anderson Drive to 0.7 miles east of Richmond-San Rafael Bridge. (04-0Q273)

Scope: Construct a two-way bike-path (4-year pilot project).

Cost Estimate: \$1.8M (Construction Capital)

Schedule: Construction started in May 2020, and completion of the construction is anticipated in Winter 2020.

The bike path on Sir Francis OC was completed on August 14, 2020. TAM was the lead for design, and BATA is implementing the project via an encroachment permit. Caltrans issued the encroachment permit on March 30, 2020, and BATA amended the construction contract of EA 04-2J680 to implement this project's scope via a CCO. The bike path connects to the independent bike path built by (EA: 04-2J680 – Contract 2). The pilot study will be conducted by Caltrans, and the funding for the pilot study (4-year monitoring) was approved on June 2, 2020.

TAM Board Meeting Caltrans Report

Replace Harbor Bridge; MRN-101 PM 10.63/10.87; On Route 101 in San Rafael, from Route 101 off-ramp to 2nd Street at the San Rafael Harbor (EA: 04-4G820)

Scope: Replace existing bridge.

Cost Estimate: \$14.7M (Construction Capital)

Schedule: Major construction activities are expected to start in Spring 2021, and the completion of the construction is anticipated in Winter 2021.

The project was presented to the San Rafael City Council in May 2018. This project will also modify the 2nd Street intersection in San Rafael to improve traffic flow and add a right turn pocket lane. The previous bid did not get any qualified bidders, and the project was re-re-advertised and the contract was awarded on May 5, 2020. Due to in-water work window restriction and long lead times for the specialty pile and precast elements, the in-water activities will be completed in summer 2021.

With the help of the City of San Rafael, Caltrans conducted a public survey to evaluate three alternatives for the loudest and most disruptive phase of the project, pile driving. Based on the survey results, the project will close the 2nd Street off-ramp for three-weekends (11 pm Friday to 5 am Monday). Pile driving will occur around the clock during these weekends.

Pavement Overlay and Curb Ramps; MRN-101- PM 14.7; On Route 101 at Lucas Valley Under Crossing in the City of San Rafael (EA: 04-1Q510)

Scope: Construct curb ramps and overlay asphalt pavement.

Cost Estimate: \$1.6M (Construction Capital)

Schedule: Construction contract awarded on June 1, 2020, and completion of the construction is anticipated in Winter 2020.

The City of San Rafael is the lead for this project, and the project is being implemented via an encroachment permit (issued by Caltrans on April 21, 2020). A field safety review meeting was held on Oct. 19, 2020. The construction is substantially complete.

OTHERS

- Caltrans is working with the County on Marin Phase 1 of Bolinas Lagoon Wye project on Route 1 at PM 17.05/17.20 (PEER Project; EA: 04-1W320).
- 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 to flooding and vegetation management issues along Route 1.
- Caltrans maintenance is removing eucalyptus leaves and debris from the ditches and drainage facilities (Tamalpais' Maintenance Project) from November 9-19, 2020, in collaboration with Marin County