

March 25, 2021

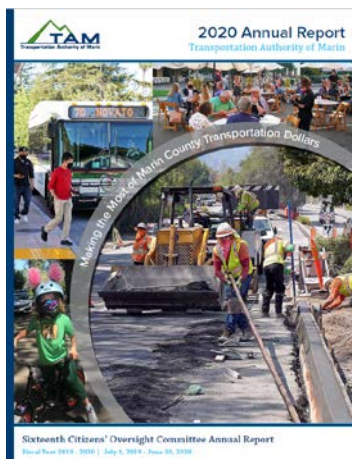
TO: Transportation Authority of Marin Board of Commissioners

FROM: Anne Richman, Executive Director

RE: Executive Director's Report – Agenda Item 4 (Discussion)

Local

Annual Report



The TAM/Citizens' Oversight Committee (COC) 2020 Annual Report has been finalized based on input from the Board of Commissioners and the COC membership. The report will be distributed electronically through TAM's communication channels including the newsletter and social media, agency partners, as well as community and special interest groups. TAM staff appreciates the input provided and we encourage people to share the Annual Report with constituents and interested parties. The Annual Report provides an overview of TAM's progress to deliver transportation projects and programs and it provides documentation and assurance funds are being spent in accordance with the voter-approved Expenditure Plans. The report also provides a status update of high priority transportation programs and projects that are paid for with other regional, state, and federal funds.

Highway 101 Interchange Studies

Staff continues to advance studies for the twelve interchanges along Highway 101. As part of this effort, staff released an online survey that requests feedback from the public on how they use the interchanges and approaching roadways, user priorities and issues they encounter. The survey link has been posted on our website and has been distributed by Cities, Towns and Transit Agencies who have included the survey link on their newsletters to encourage public participation. [The survey](#) closes on Friday, April 16. We would like to thank our partners for their assistance and the public for taking the time to provide their input. (<https://bit.ly/Interchanges-Survey>)



Small Safe Pathway Project



In October 2019, the TAM Board allocated Measure AA funds in the amount of \$4,461,000 to 13 large projects and \$700,000 to 14 small projects from the Fourth Cycle Safe Pathways to Schools Call for Projects. Small Safe Pathway projects are considered small scale safety projects that are relatively inexpensive and quicker to implement than large Safe Pathway projects.

Included in the allocations was \$50,000 for Corte Madera's Pixley Avenue/ Redwood Avenue Intersection Improvements Project that was designed to enhance pedestrian safety by increasing pedestrian visibility, shortening crossing distances, slowing turning vehicles, visually narrowing the roadway, and increasing sightlines. Improvements included two bulb outs, ADA compliant curb ramps, and relocation of drainage inlets. The project also trimmed back vegetation and increased visibility of pedestrians crossing at a critical intersection with sightline deficiencies. This crossing is directly adjacent to Neil Cummins Elementary School at the intersection of Pixley Avenue and Redwood Avenue. Corte Madera completed this project in late 2020.

Regional

Pavement Management Technical Assistance Program (P-TAP)

P-TAP provides Bay Area jurisdictions with expertise in implementing and maintaining a pavement management program. Funds are awarded to jurisdictions for implementing, updating, and maintaining pavement management databases that can provide accurate pavement condition data and cost-effective maintenance strategy recommendations. MTC requires that each jurisdiction certify that it maintains a pavement management system to participate in the One Bay Area Grant program.



Last fall, MTC solicited applications for Round 22 of P-TAP funding. Requests totaled \$2.4 million for 51 projects from 42 jurisdictions. MTC awarded funds to 37 projects in January 2021. Among Marin jurisdictions that applied were Larkspur, Ross, San Anselmo, and Tiburon and each was awarded \$15,000 to maintain its Pavement Management System.

Regional Active Transportation Program (ATP) Project Recommendations



In March 2020, the Cycle 5 Active Transportation Program was released consisting of a statewide California Transportation Commission (CTC) call for projects with approximately \$220 million available, along with a regional Metropolitan Transportation Commission (MTC) call for projects with \$37 million available through fiscal years 21/22, 22/23, 23/24 and 24/25. Last month, the CTC announced its selected projects under the state component, which did not include any of the five projects seeking funding from Marin County.

The five Marin County projects which sought funding from the state and regional components were separately evaluated through the MTC regional component. On March 16, 2021, MTC released its staff recommendations, subject to approval by the Commission in April 2021. MTC staff recommended funding eight projects from 61 candidates based on a scoring system and evaluation. The projects recommended include one project in Marin, MTC sponsored Richmond - San Rafael Bridge Shared Use Path Gap Closure. This project received the highest score among all regional component candidates and is slated to receive an award of \$4,302,000. The project will be implemented in partnership with San Rafael. The five projects from Marin are shown below.

Sponsor	Project Title	ATP Request	Total Cost	MTC Score
Corte Madera	Central Marin Regional Pathways Gap Closure Project	\$1,326,000	\$1,996,000	74
MTC/BATA	Richmond-San Rafael Bridge Shared Use Path Gap Closure	\$4,302,000	\$5,612,000	101
Novato	San Marin High School Area Multimodal Access Project	\$1,432,000	\$1,743,000	86
San Rafael	San Rafael Canal Crossing Project (PA&ED)	\$1,575,000	\$22,127,000	82.5
Tiburon	Trestle Glen Boulevard Class II Bikeway	\$3,113,000	\$3,518,000	35

Below are some notable statistics from the MTC staff recommendations:

- A total of 8 applications were recommended for funding by MTC out of 61 applications.
- Projects MTC recommended were focused on supporting located in disadvantaged communities.
- The projects recommended included the following:
 - MTC - Richmond-San Rafael Bridge Shared Use Path Gap Closure
 - Alameda County - E. Lewelling Boulevard Safe and Complete Street
 - Caltrans D4 - Central Avenue I-80 Undercrossing Ped/Bike Improvements
 - Emeryville - 40th Street Protected Bikeway and Pedestrian Improvements
 - Santa Rosa - Santa Rosa US Highway 101 Bicycle and Pedestrian Overcrossing
 - SFCTA - Yerba Buena Island Multi-use Pathway Project
 - City of San Mateo - Delaware Street Safe Routes to School Corridor
 - SFMTA - Folsom Streetscape Project
- The lowest score for an MTC recommended project was 92.

State

Town Hall for State Route 37

Senator Mike McGuire will host a Town Hall for State Route 37 on Thursday, April 15, 2021. Details are still being developed. For more information:

www.SR37CorridorProjects.com and www.scta.ca.gov/highway37



New Director for Caltrans District 4



Dina A. El-Tawansy has been selected as the District 4 Director after serving as Deputy Director since November 2019. She officially started her new role on Thursday, March 4, 2021. Dina has 23 years of service with Caltrans and her leadership experience spans three Districts and multiple Divisions. Ms. El-Tawansy has been a strong partner with TAM and has been involved with key Marin projects. Two of her initial speaking roles as Deputy Director included ribbon cutting celebrations for the Marin-Sonoma Narrows B3 project and the multi-use trail on the Richmond San Rafael Bridge. We look forward to more groundbreaking and ribbon cuttings with her in the role of District 4 Director.

Caltrans Monthly Report

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



Federal

Infrastructure for Rebuilding America (INFRA) 2021



The U.S. Department of Transportation (USDOT) announced last month that it was seeking applicants for the FY 2021 round of the Infrastructure for Rebuilding America (INFRA) discretionary grant program to fund transportation projects of national and regional significance that are in line with the Biden Administration's principles for national infrastructure projects that result in good-paying jobs, improve safety, apply transformative technology, and explicitly address climate change and racial equity. The funding available for this year's grants totals approximately \$889 million. Applications were due March 19, 2021.

Since RM3 funding remains unavailable for the "shovel-ready" US-101 MSN B7 project, which would finally close the HOV-lane gap in the corridor, TAM staff discussed the opportunity to submit an application with Caltrans and MTC. It was concluded that TAM would submit an INFRA 21 application for the MSN B7 project. Staff rallied to prepare a lengthy and comprehensive application, requesting \$77 million in INFRA funds, and submitted the application on March 19th. We may hear results by later summer.

Congressional Earmarks

With the recent passage of the \$1.9 trillion COVID relief bill, Congress is expected to shift their focus toward economic recovery. Peter DeFazio (D-OR) and Rosa DeLauro (D-CT), chairs of the House Transportation and Infrastructure and Appropriations Committees, respectively, announced recently that both of their committees are bringing back earmarks, introduced as congressionally directed spending—re-named “Community Projects” and “member projects”—in their bills. Both committees are putting together guidelines and requirements for member requests and are aiming for transparency. Jared Huffman is on the House Transportation and Infrastructure Committee.

Projects awarded are expected to be less than \$2 million that include building a safer transportation network, increasing access, strengthening our multi-modal transportation systems, reducing carbon pollution, enhancing environmental justice, supporting underserved communities, and improving state of good repair of our Nation's infrastructure. Furthermore, they are expected to be fully funded if awarded with this grant and shovel-ready for construction.

Since Congressional instructions will likely request a very short turn-around nominate projects, staff is not expecting to be able to conduct an exhaustive project solicitation. Fortunately, TAM solicited input in December 2020 from our partner agencies, including transit agencies, on the possibility that the new administration will be interested in funding infrastructure projects to stimulate the economy. Since the list was developed, staff has added projects from the Quick Strike and ATP solicitations and other already created documents. TAM will evaluate the list of nearly 50 projects against criteria provided in Congressional instructions and submit them for federal funding.

THIS PAGE LEFT BLANK INTENTIONALLY

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

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

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, improve drainage and construct bike/pedestrian improvements (complete street elements).

Cost Estimate: \$13M (Construction Capital)

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

Caltrans hosted a virtual stakeholder meeting to share information and seek input on complete street elements on June 24, 2020.

TAM Board Meeting Caltrans Report

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. Traffic studies to aid alternative selection are being conducted.

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

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

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: \$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: \$2M (Construction Capital)

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

The northbound San Antonio Creek Bridge will be relinquished to the County upon completion of the scour mitigation and other 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 04-2K740.

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.

TAM Board Meeting Caltrans Report

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

The project is on hold due to funding shortfalls in all its components. An additional \$8.0M 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.

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 April 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: Fall 2021
End Construction: Spring 2022

TAM is the lead for this project, and the project will be implemented via an encroachment permit. The target approval of the encroachment permit is May 2021.

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 2022 (RTL in December 2020)
End Construction: Fall 2023

TAM is the lead for PS&E. The project sponsors secured SB1-SCCP funding to fully fund this project. The project is delayed due to RM 3 lawsuit. The conditional (funding dependent) cooperative agreement for construction with TAM has been 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 2023
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 RM 3 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-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: Fall 2022
End Construction: Fall 2023

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.

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 2022
End Construction: Spring 2026

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

TAM Board Meeting Caltrans Report

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: Spring 2025

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

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: Summer 2022
End Construction: Spring 2026

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).

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 2022 after a 4-year Plant Establishment Period (PEP).

TAM Board Meeting Caltrans Report

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 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 Spring 2021. 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 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 Summer 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.

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 a 10-year 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 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.

TAM Board Meeting Caltrans Report

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 April 2021.

The construction is substantially completed.

Construct a 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 Spring 2021 in coordination with the Richmond San Rafael Bike lane project (EA: 04-2J680 – Contract 2).

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.

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 March 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 City of San Rafael's help, 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 (10 pm Friday to 5 am Monday). Pile driving will occur around the clock during these weekends. The first full ramp closure briefing for elected officials was held on February 18 and 19th 2021. The follow-up presentation to the San Rafael City Council will be on March 15, 2021. The first 55-hour weekend ramp closure and pile driving were completed on March 21, 2021.

TAM Board Meeting Caltrans Report

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: Construction Contract was awarded on November 30, 2020, and completion of the construction is anticipated Fall 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 RM 2 funding by \$672K to award the project.

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: Construction Contract was awarded on December 24, 2020, construction is anticipated to begin June 2021, and completion of the construction is anticipated Fall 2021.

The project is being coordinated with Golden Gate and Transit, Marin Transit for bus stop relocation improvements. The project plans were reviewed by the Town of Tiburon and the County of Marin. Construction activities will mostly occur during school summer vacation.

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