Transportation Authority of Marin

DATE: February 25, 2021

TO: Transportation Authority of Marin Board of Commissioners

FROM: Anne Richman, Executive Director *Anne Richman*
Project Delivery Team

SUBJECT: Review and Accept the February 2021 Project Status Report (Action), Agenda Item No. 7

RECOMMENDATION

The Board reviews and accepts the February 2021 Project Status Report.

The Administration, Projects and Planning (APP) Executive Committee reviewed the report and heard a presentation of selected projects and recommended this item be forwarded to the Board for acceptance. The APP Executive Committee provided comments on the presentation contents and materials that will be addressed as projects are further developed and reported to the Board in future updates. Staff would like to continue to update the Board on a semi-annual basis on projects TAM is actively managing and will further refine the update materials to more effectively communicate our progress.

BACKGROUND

In an effort to provide up to date funding and expenditure information that can help the Board and the general public understand the overall status of the suite of projects that TAM manages, the first TAM Project Status Report was developed and provided to the then-called TAM Finance and Policy Executive Committee for review at its October 8, 2018 meeting. It was determined through the report development and review process that updated TAM Project Status Reports will be presented to the Board and public for review every 6 months, with the last report provided in the summer of 2020.

The intent of these updates is to provide the Board with a broad overview of projects directly managed by TAM to update and identify potential issues that may require future Board actions. As projects progress, they will require certain Board actions such as consultant contract amendments or acceptance of work products at these milestones a more in-depth discussion will occur.

DISCUSSION/ANALYSIS

Project Status Report Highlights:
The Project Status Report covers on-going projects that are active and those that are in the planning phase.

Active Projects covers all projects that are in environmental, design or construction phases. These projects are well defined and, in most cases, fully funded. This report includes five active projects: US 101 Marin-Sonoma Narrows – B7 and B8; North-South Greenway Gap Closure Project – North Segment; North-South

Greenway Gap Closure Project – South Segment; Class IV Bikeway on the I-580 Sir Francis Drake Boulevard off-ramp; and Improve Bellam Boulevard off-ramp from Northbound US 101.

Planning Projects cover emerging high priority projects for which TAM is studying various options. These projects most likely will become active projects in the foreseeable future. The report includes four projects in the planning phase: Northbound US 101 to Eastbound Interstate 580 Direct Connector, State Route 37, Improvements to Highway 101 Interchanges, and Marin County Part Time Transit Lanes Study.

In addition to the active and planning project reports, staff have included an update on the Alternative Fuels program as requested at the October 2020 TAM Board meeting.

FISCAL IMPACTS

Not Applicable

NEXT STEPS

The next Project Status Report update will be provided in the summer of 2021.

ATTACHMENTS

Attachment A - February 2021 TAM Project Status Report
Attachment B - Presentation

Transportation Authority of Marin

Project Status Report

February 2021

Project Status Report **February 2021**

ON-GOING PROJECTS

A. PROJECTS – ACTIVE

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US 101 Marin-Sonoma Narrows – B7 and B8 2
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North-South Greenway Gap Closure Project – Southern Segment 6
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Improve Bellam Boulevard Off-Ramp from Northbound US 101 10

B. PROJECTS - PLANNING PHASE

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Project Status Report - Active **February 2021**

Project: US 101 Marin-Sonoma Narrows Overview

Partners Caltrans, Sonoma County Transportation Authority and Transportation Authority of Marin
Jurisdiction(s) Novato, Petaluma

Scope

Widening of approximately 17 miles of US 101 from four to six lanes by adding HOV lanes in each direction; improving public transit and access to SMART rail network; installing continuous Class I and Class II bikeways between Novato and Petaluma; and constructing new interchanges and frontage roads to remove unsafe access from private properties and local roads.

Project will be completed through a series of phases based on operational priority and funding availability.

Status

- Design is complete for the HOV lanes between North Novato to Olompali. (MSN B7)
- Construction is complete for the Highway 101 San Antonio Creek bridge and curve correction (Segment B3), spanning three miles at the Marin/Sonoma County line.
- All remaining HOV Sonoma County segments are either underway or completed.

Issues/Areas of Concern

Additional funding is needed to complete the remaining segments in Marin, and allocated RM3 funds are still in court litigation.

MARIN-SONOMA NARROWS STATISTICS

Project length.....17 miles

Avg. daily traffic – 2017.....153,000 vehicles

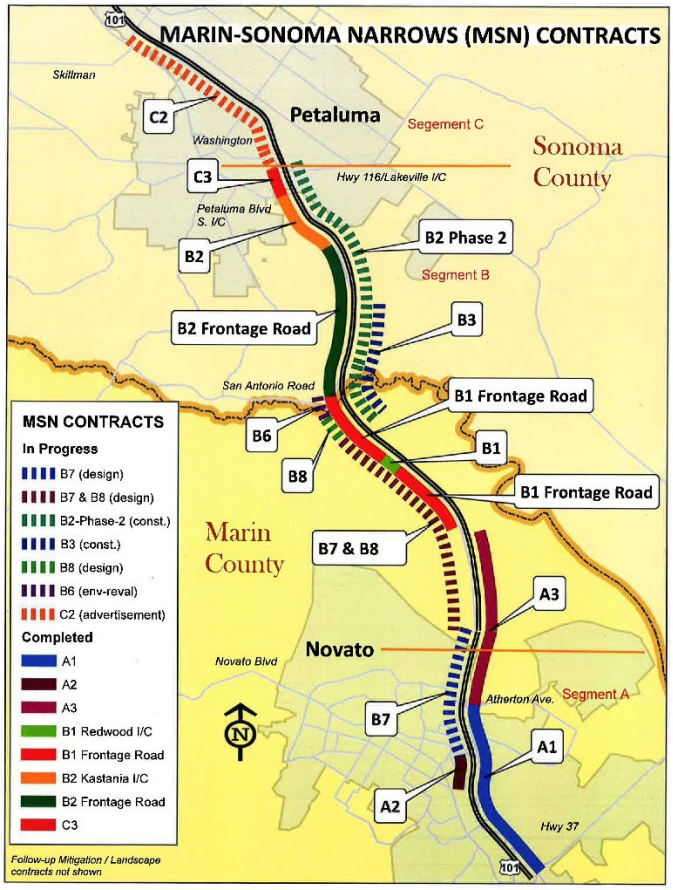
Avg. daily truck traffic – 2013.....6,200 trucks

Marin County / Sonoma County total populations.....258,000/495,000

Vehicle hours of delay (at less than 35 mph).....978,400

Funds programmed for MSN.....~$632,600,000

Funds needed to complete MSN.....~ $110,000,000



Phase Status	
A1	Completed
A2	Completed
A3	Completed
B1 Phase I	Completed
B7 (Formerly B1-Phase II; See Fact Sheet)	Partially Funded
B2 Phase I	Completed
B2 Phase II	In Progress
B3	Completed
B8 (Formerly A4 & B5; See Fact Sheet)	Partially Funded
B6	In Progress
C1	Completed
C2	In Progress
C3	Completed

Project Status Report - Active **February 2021**

Project: US 101 Marin-Sonoma Narrows – B7 and B8

Partners Caltrans, Sonoma County Transportation Authority and Transportation Authority of Marin
Jurisdiction(s) Novato

Scope

Construct a southbound HOV lane from 0.3 mile south of the Marin/Sonoma County line to just south of Franklin Avenue Overhead, and a northbound HOV lane from 1.7 miles north of Atherton Avenue Overcrossing to 0.3 mile south of the Marin/Sonoma County line, improving mobility for public transit and access to SMART rail system. Project includes bridge widening, interchange modifications (Redwood Landfill Interchange), completing all HOV lanes in the NB and SB directions, standardizing shoulders, Class II bike lane construction and correcting the roadway horizontal alignment and vertical profile, along with relocating remaining utilities.

Status

Working with engineering consultant and Caltrans to design the project. The project design is currently fully funded with local and federal funds, with HOV Lane design completed in December 2020. Competitive SB1 Solutions for Congested Corridor Program (SCCP) funding was applied for and approved. On hold for remaining construction funds.

Issues/Areas of Concern

- The project is an aggregate of three MSN projects, formerly called the B1 Phase II, A4 and B5 projects. Due to desire to complete the design plan by December 2019 and the potential lengthy process with right-of-way (ROW) acquisition, the project will be split into two concurrent paths: (1) design and construction of the HOV lanes (MSN B7) and (2) ROW acquisition and utility relocation (MSN B8).
- Approximately $132 million is needed to complete construction.

Updates from Previous Report

- B7 (HOV Lanes) design completed in December 2020.
- MSN B8 utility relocation design is on-going.
- SB1 SCCP funds were awarded in December 2020.
- RM3 litigation elevated to the State Supreme Court.
- Schedules will remain on-hold until further notice.

Schedule	
Planning	N/A
Environmental Clearance	2009
Design	2019-2020
Right of Way and Utilities	2018-2023
Construction	2020-2023

Estimated Cost by Project Phase	
Planning	N/A
Environmental Clearance	N/A
Design	$8,300,000
Right of Way and Utilities	11,100,000
Construction	123,100,000
TOTAL	$142,500,000

Funding by Source	
STIP Right of Way Excess Fund	$4,550,000
SB1-LPP	500,000
Measure AA Sales Tax	2,800,000
STP	2,000,000
SB1	40,100,000
RM3 & Other	92,550,000
TOTAL	$142,500,000

Project Status Report - Active **February 2021**

Project: US 101 Marin- Sonoma Narrows – B7 and B8

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY18-12	5	Open	BKF Engineers	Design and Support Engineering Services	$6,500,000	STIP ROW Fund & STP	$6,274,828	96%
				TOTAL	$6,500,000		$6,274,828	96%

Project Status Report - Active **February 2021**

Project: North-South Greenway Gap Closure Project – Northern Segment (Larkspur Segment)

Partners TAM, MTC, Caltrans and the City of Larkspur
Jurisdiction(s) Caltrans and the City of Larkspur

Scope

The Northern Segment of the North-South Greenway Gap Closure Project will close a key gap in the local and regional non-motorized transportation network between the Central Marin Ferry Connector bridge over Sir Francis Drake Boulevard and the pedestrian overcrossing of US 101. The Gap Closure Project is being delivered in two segments, the Northern Segment and the Southern Segment. (Northern Segment shown in the adjacent graphic as orange alignment.)

Status

- Environmental analysis is complete. Final design is complete for project in Caltrans R/W and nearly complete for project on Old Redwood Highway
- Northern Segment construction documents prepared in two phases, work within Caltrans ROW and work along Old Redwood Highway within the City of Larkspur. This allows phasing of construction.
- Construction contract awarded and mobilization expected in Feb 2021.

Issues/Areas of Concern

None

Updates from Previous Report

- Financial information updated.
- Project in Caltrans R/W that crosses Corte Madera Creek will begin construction in February 2021.
- Caltrans is administering the construction phase. TAM and our designers are supporting their efforts.
- Construction of the Old Redwood Highway portion will follow the Caltrans project.

Schedule	
Planning	Complete
Environmental Clearance	Complete
Design	In Progress
Right of Way and Utilities	In Progress
Construction	2021-2022

Estimated Cost by Project Phase	
Planning	-
Environmental Clearance	$1,100,000
Design	3,785,000
Right of Way and Utilities	-
Construction	15,603,637
TOTAL	$20,488,637

Funding by Source	
RM2	$16,585,000
CMAQ (Old Redwood Highway)	1,120,000
Measure A Interest Funds	1,000,000
SB1 LPP Incentive	1,500,000
BAAQMD Grant	283,637
TOTAL	$20,488,637

Project Status Report - Active **February 2021**

Project: North-South Greenway Gap Closure Project – Northern Segment

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY15-08	5	Open	Moffatt & Nichol	Environmental, Plans, Specifications and Estimates, Construction Administration (PAED, PS&E) (CON Support)	$3,785,000	RM2	$3,392,800	90%
				TOTAL	$3,420,000		$3,392,800	90%

Project Status Report - Active **February 2021**

Project: North-South Greenway Gap Closure Project – Southern Segment (Larkspur & Corte Madera Segment)

Partners MTC, SMART, the City of Larkspur and the Town of Corte Madera
Jurisdiction(s) Larkspur, Corte Madera

Scope

The Southern Segment of the North-South Greenway Gap Closure Project will close a key gap in the local and regional non-motorized transportation network between the southern terminus of the Northern Segment through a private easement (not yet secured) then along the SMART right-of-way south to Wornum Drive to connect to existing multi-use paths. The Gap Closure Project is being delivered in two segments, the Northern Segment and the Southern Segment. (Southern Segment shown in the adjacent graphic as red alignment.)

Status

- The use of the SMART right-of-way has been secured.
- The County of Marin Department of Public Works has agreed to be the implementing agency for the initial alternative's alignment analysis and environmental analysis. TAM is the project sponsor.

Issues/Areas of Concern

- The Southern Segment requires acquisition of private right-of-way by means of easement.
- Subject to resolving the funding constraints project delivery for the Southern Segment has been suspended.

Updates from Previous Report

- Financial information updated.
- Remaining funds re-directed to the Northern Segment to close a shortfall in the construction phase. Funding grants will be pursued in the future.

Schedule	
Planning	Completed
Environmental Clearance	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD

Estimated Cost by Project Phase	
Planning	-
Environmental Clearance	$700,000
Design	TBD
Right of Way and Utilities	850,000
Construction	TBD
TOTAL	$1,550,000

Funding by Source	
RM2	$1,550,000
TOTAL	$1,550,000

Project Status Report – Active **February 2021**

Project: North-South Greenway Gap Closure Project – Southern Segment

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
A-FY14-22		Open	Marin County, Dept of Public Works	Project Management	$1,350,000*	RM2	$446,015	33%
A-FY14-21		Closed	Sonoma-Marin Area Rail Transit District (SMART)	Boundary Survey and Title Research	$75,000	RM2	$52,652	100%
A-FY18-18		Closed	Sonoma-Marin Area Rail Transit District (SMART)	Right-of-Way	$850,000	RM2	$850,000	100%
				TOTAL	$2,275,000		$1,348,667	59%

- A portion of this allocation re-directed to another project.

Project Status Report - Active

February 2021

Project: Class IV Bikeway on the I-580 Sir Francis Drake Blvd Off-Ramp

Partners Caltrans, Transportation Authority of Marin, BATA, and City of San Rafael

Jurisdiction(s) Caltrans and City of San Rafael

Scope

Create a two-way barrier separated Class IV Bikeway on the Sir Francis Drake off-ramp connecting Francisco Blvd East with Andersen Drive. The new Bikeway utilizes the shoulder between the outside barrier and the single lane travel way.

Status

TAM has been working with Caltrans, the Bay Area Toll Authority (BATA) and the City of San Rafael to deliver the project for public use. Caltrans is collecting data a part of a four-year pilot project.

TAM has provided funding for the project development and capital construction costs. Caltrans has provided staff to review and approve the project at their cost. BATA has provided construction support at their cost.

Issues/Area of Concern.

None

Updates from Previous Report

Project construction complete. BATA and the City of San Rafael are making improvements to Francisco Blvd East to enhance access to the Richmond San Rafael Bridge.

Schedule	
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	Complete

Estimated Cost by Project Phase	
Planning	-
Environmental Clearance	$50,000
Design & CON Support	390,000
Right of Way and Utilities	-
Construction	1,300,000
TOTAL	$1,740,000

Funding By Source	
Measure A Sales Tax	$1,740,000
TOTAL	$1,740,000

Project Status Report – Active **February 2021**

Project: Class IV Bikeway on the I-580 Sir Francis Drake Blvd Off-Ramp

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY17-02	3	Open	BKF Engineers	Provide environmental and design services.	$440,000	Measure A/AA Sales Tax	$394,411	89%
A-FY 20-34	0	Open	Bay Area Toll Authority	Capital Construction	$1,300,000	Measure A Sales Tax	0	
				TOTAL	$1,740,000		$394,411	23%

Project Status Report - Active

February 2021

Project: Improve Bellam Boulevard Off-Ramp from Northbound US 101

Partners Caltrans, Transportation Authority of Marin, and City of San Rafael

Jurisdiction(s) Caltrans and City of San Rafael

Scope

Improve the Bellam Avenue off ramp from US 101 by widening the two lanes immediately past the core point. Traffic making a left turn at Bellam will be directed to the left lane, while traffic heading to I-580 or turning right on Bellam will stay in the right lane. An extra lane will be added near Bellam to reduce the lane changes required to make a right on Bellam if exiting from eastbound I-580.

Status

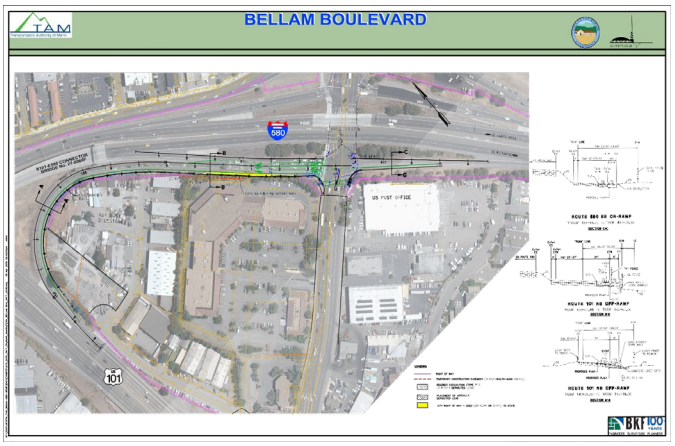
The CEQA document was recorded on August 15, 2018. Design approval from Caltrans is expected in 2021 along with the right of way certification. The County of Marin has signed the co-operative agreement which may have to be increased. The Project has required a redesign and is short funds to complete.

Issues/Area of Concern

The recent design changes along with the transfer of funds from this project to the Sir Francis Drake Flyover have left a funding shortfall of approximately $3.8 million. The TAM Board in May 2020 approved $1.7 million in Local Partnership Program (LPP) funds to help close that gap. The Right of Way agreement with Marin Square has expired and will require new negotiations.

Updates from Previous Report

Redesign due to unanticipated Bay Mud soil conditions is nearing approval by Caltrans. This change along with a transfer of money to another project has led to a funding shortfall that has been partially met by the transfer of LPP money. The shortfall has increased since the last report due to updated construction estimates.



Schedule	
Planning	Complete
Environmental Clearance	Complete
Design	Complete Mar 2021
Right of Way and Utilities	Apr 2021
Construction	Begin Aug 2021

Estimated Cost by Project Phase	
Planning	$30,000
Environmental Clearance	90,000
Design	1,040,000
Right of Way and Utilities	600,000
Construction	5,900,000
TOTAL	$7,6600,000

Funding By Source	
Measure A and AA Sales Tax	$3,837,000
Local Partnership Program	1,737,000
TOTAL	$5,574,000

Project Status Report – Active **February 2021**

Project: Improve Bellam Boulevard Off-Ramp from Northbound US 101

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY17-02	3	Open	BKF Engineers	Complete design services including environmental.	$1,130,000	Measure A/AA Sales Tax	$803,384	71%
A-FY19-17		Open	County of Marin	Agreement to manage construction including construction management	$4,000,000 (See Bullet Below)	Measure A Sales Tax	$63,888	1%
				TOTAL	$5,130,000		$867,272	17%

- This agreement was executed based on original cost estimates and will need to be amended.

Project Status Report – Planning Phase February 2021

Project: Northbound US 101 to Eastbound I-580 Direct Connector

Partners Caltrans, Metropolitan Transportation Commission, Transportation Authority of Marin, City of San Rafael and City of Larkspur

Jurisdiction(s) Caltrans and City of San Rafael

Scope

Construct a direct connection route between northbound US 101 to eastbound I-580 accessing the Richmond-San Rafael Bridge for travel eastbound toward Contra Costa County. The eastbound approach to the RSR Bridge is one of only two toll bridges in the Bay Area accessed by low speed local roads with traffic signals resulting in traffic delays on local roads and US 101.

Status

In 2018, voters approved Regional Measure 3 in an amount that would fully fund Alternative 3. This Alternative will be very similar to the existing Bellam off-ramp from US 101, however Bellam Boulevard would be crossed with an elevated structure. I-580 would be widened to three lanes.

Issues/Area of Concern

Approval would be required from Caltrans to accept the relatively slow design speed associated with the curve of Alternative 3. Increasing traffic in the area may someday require that the design accommodate the westbound I-580 to southbound US 101 movement. The design for this project must consider rough design of that concept, to accommodate potential future construction.

Updates from Previous Report

Outreach has begun. Initial meetings have taken place for an Ad Hoc Committee of TAM Board members, an Executive Steering Committee, a Technical Advisory Committee and a Stakeholder Working Group consisting of 20 individuals that will help guide the design alternative process. Currently there are seven alternatives. Schedule was updated.

Potential alternative alignments

Schedule	
Planning	2020
Environmental Clearance	2024
Design	2026
Right of Way and Utilities	2026
Construction	2029

Estimated Cost by Project Phase	
Planning	$1,750,000
Environmental Clearance	3,500,000
Design	9,000,000
Right of Way and Utilities	18,000,000
Construction	115,000,000
TOTAL	$147,250,000

Funding by Source	
RM3	$135,000,000
Measure A Sales Tax	100,000
Measure AA Sales Tax	16,500,000
TOTAL	$151,600,000

Project Status Report – Active **February 2021**

Project: Northbound US 101 to Eastbound I-580 Direct Connector

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY12-09	1	Closed	CSW/Stuber-Stroeh Engineering Group (Task Order 32)	Develop Alternatives, Cost Estimates, Graphic Rendering, Environmental Evaluation	$102,000	Measure A Sales Tax	$102,000	100%
C-FY20-01	1	Open	Kimley-Horn & Associates, Inc.	Project Approval and Environmental Document (PAED)	$6,500,000	Measure AA Sales Tax	$1,152,984	18%
C-FY20-02		Open	Fremier Enterprises Inc.	Project Management	$400,000	Measure AA Sales Tax	$70,384	17%
				TOTAL	$7,002,000		$1,325,368	19%

Project Status Report – Planning Phase **February 2021**

Project: State Route 37

Partners Caltrans, Metropolitan Transportation Commission, and Transportation Authority of Marin, Sonoma, Napa and Solano Counties

Jurisdiction(s) Marin County

Scope

State Route 37 is a key transportation corridor stretching from US 101 in Marin County to Interstate 80 in Solano County. Within the past six years, it has been studied by UC Davis, Caltrans and MTC. It is being evaluated by a policy committee comprised of transportation authorities from Marin, Sonoma, Solano and Napa counties to address sea level rise, traffic congestion, transit options and recreational activities.

Status

MTC funded and completed a Corridor Plan in June 2018, prioritizing congestion relief in Segment B in Solano and Sonoma Counties. Segment A consists of Marin and portions of Sonoma County. Segment C is located in Solano County.

Caltrans conducted public outreach in conjunction with the Corridor Plan with a series of workshops, web surveys and two rounds of focus meetings.

Issues/Area of Concern

A 1,500-foot segment of the four-lane freeway, between US 101 and Atherton Avenue in Novato, had been closed due to the flooding of Novato Creek in January and February 2017. Caltrans spent about $6 million to reopen the highway. The same segment along with portions near Atherton Ave flooded in February 2019, leading to additional highway closures.

Updates from Previous Report

MTC commenced a Design Alternative Assessment study for Segment A, which will conclusively define various alternatives for the year 2100 ultimate project. The work will support, in parts, Caltrans' on-going environmental clearance of interim projects in Segment A.

MTC continues the work to environmentally clear the interim congestion relief project in Segment B. They plan to be in construction by 2024.

Caltrans commenced a corridor-wide Planning & Environmental Linkage (PEL) study from US101 to I-80 to document a preliminary consultation process with the regulatory agencies of all key issues present in the corridor in an effort to streamline future environmental clearance of the ultimate project. It anticipates completion by mid 2022.

Schedule – Segment A	
Planning	2018
Environmental Clearance	2022
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD

Estimated Cost by Project Phase – Segment A	
Planning	TBD
Environmental	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
TOTAL	TBD

Funding by Source – Segment A	
City/County	$169,765
TOTAL	$169,765

Project Status Report – Planning Phase **February 2021**

Project: State Route 37

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
A-FY16-10		Closed	Solano Transportation Authority	Design Alternatives	$40,000	City/County	$40,000	100%
C-FY17-16	1	Closed	CSW/Stuber-Stroeh Engineering Group (Task Order 11)	Segment A - Improvement Concept Study	$88,000	City/County	$85,922	97%
A-FY19-10		Closed	NVTA, STA, SCTA and TAM	SR37 Travel Behavior Feasibility Study	$11,765	City/County	$11,765	100%
A-FY19-07		Closed	County of Marin	SR37 Adaptation Study	$30,000	City/County	$30,000	100%
				TOTAL	$169,765		$167,687	98%

Project Status Report – Planning Phase **February 2021**

Project: Improvements to Highway 101 Interchanges and Approaching Roadway

Partners Caltrans, Marin County, Marin's Cities, Marin Transit, Golden Gate Transit
Jurisdiction(s) Marin County

Scope

The Measure AA Expenditure Plan includes a category that provides funding for studies of interchanges on Highway 101. The implementation category goal is to "Improve Highway 101 local interchanges and freeway access routes to reduce congestion, improve local traffic flow, and address flooding impacts throughout the county".

These funds will be used to address Highway 101 interchanges at a number of locations in Marin and will be used as "seed money" to attract regional, state and federal funds for planning, public outreach, and to develop the scope of improvements needed for all users of the interchanges.

Status

TAM has retained a consulting firm to assist staff with the development of long-term program goals and objectives and to prepare initial studies of the interchanges. The initial studies will be developed to outline existing conditions, define constraints, and present opportunities for improvements. Based on the findings in the studies an implementation & prioritization plan will be developed and presented to the Board to define future actions.

Issues/Area of Concern

None

Updates from Previous Report

Staff and the consulting team are well underway with data collection, preparing report exhibits and documenting existing conditions and deficiencies.

Schedule	
Planning	2020-2022
Environmental Clearance	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD

Estimated Cost by Project Phase	
Planning	$1,875,000
Environmental	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
TOTAL	$1,875,000

Funding by Source	
Measure AA Sales Tax	$1,875,000
TOTAL	$1,875,000

Project Status Report – Planning Phase **February 2021**

Project: Improvements to US 101 Interchanges and Approaching Roadway

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY20-05		Open	HNTB Corporation	Professional Engineering Services	$1,875,000	Measure AA Sales Tax	$485,173	26%
				TOTAL	$1,875,000		$485,173	26%

Project Status Report – Planning Phase February 2021

Project: **Marin County US 101 Part-Time Transit Lane Study**
Partners Caltrans, Marin County, Marin's Cities, Marin Transit, Golden Gate Transit
Jurisdiction(s) Marin County

Scope

This study will provide a feasibility assessment for part-time bus operations on the shoulder of US 101 in Marin County. Bus on Shoulder is a proven concept to improve transit reliability and speed according to recent FHWA guidance, and the study will be used to assess feasibility of a pilot project on Highway 101 in Marin County as part of a system of enhancements planned for the corridor. The study will identify the proposed location of bus on shoulder facilities in the county, preferred operational concept, and quantify potential user benefits and improvement costs.

Status

TAM has retained a consulting firm to assist staff with the development of the feasibility study and concept design, cost estimates and operational plans for the project among other items. Based on the findings in the studies an implementation plan will be developed and presented to the Board to define future actions.

Issues/Area of Concern

None

Updates from Previous Report

Work is continuing on the Feasibility study, and is advancing concept design, operations plans, and cost estimates for Technical Advisory Committee Review.

Schedule	
Planning	2020/2021
Environmental Clearance	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD

Estimated Cost by Project Phase	
Planning	TBD
Environmental	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
TOTAL	TBD

Funding by Source	
Caltrans Planning Grant	$308,000
TOTAL	$308,000

Project Status Report – Planning Phase **February 2021**

Project: Marin County US 101 Part-Time Transit Lane Study

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
C-FY20-07		Open	Kimley-Horn and Associates, Inc.	Planning Services	$308,000	Caltrans Grant	$137,980	45%
				TOTAL	$308,000		$137,980	45%

Project Status Report – Planning Phase February 2021

Project: **Alternative Fuel Program**
Partners Public Agencies
Jurisdiction(s) Marin County

Scope

The Alternative Fuel Program supports the development of alternative fuel infrastructure (such as electric vehicle charging stations) and public agency fleet replacement needs. The program also supports education and outreach of the benefits of alternative fuel vehicles.

Status

Ongoing. Major update of the program was announced in October 2020 including budget amendment, and work is underway. Staff have completed invoicing for College of Marin and San Rafael City Schools installations of 149 EV Charging Stations. A funding agreement with Marin General Services Authority was approved by their board to conduct a countywide EV Readiness plan. Staff have begun development of an equity outreach program with discussions with County Equity Office underway. Technical reports released to Public and agency partners.

Issues/Area of Concern

The California Electric Vehicle Incentive Program (CALeVIP) program is not advancing at state level until FY21/22 at earliest.

Updates from Previous Report

N/A – First Report for this Program.

Project Status Report – Planning Phase **February 2021**

Project: Alternative Fuel Program

Contracts and Agreements Managed by TAM

Contract or Agreement No.	Amend No.	Open/ Closed	Agency/Consultant	Description	Appropriated Amount	Funding Source	Billed to Date	Percent Billed
N/A		Open	Belvedere	EV Fleet Rebate Program	N/A	Measure B VRF	$2,000	N/A
N/A		Open	San Rafael City Schools (117 heads), College of Marin (32 heads)	EV Charging Station Rebate Program	N/A	Measure B VRF	$244,922	N/A
Various		Open	Multiple	Outreach and Technical Assistance	N/A	Measure B VRF	$52,208	N/A
				TOTAL			$299,130	

PROJECT PHASE DEFINITIONS

Planning – Complete project studies to define general project parameters.

Environmental Clearance – Completion of and approval of environmental studies and/or reports. Environmental analysis assesses the potential impacts a project may have on the natural and/or built environment.

Design – Engineer and design project leading to the preparation of plans, specifications and construction estimates. Resource agency permits are obtained in the final design stage in preparation to advertise the project for construction bidding.

Right of Way and Utilities – Establish cost and obtain ownership/passage through a given area for the benefit of project completion. Establish utilities needed for the project and relocation if necessary. Right-of-way certification required if using federal funds or if the project is on state highway system.

Construction – Includes actual construction, construction management and construction related design. Actual construction close-out duration may go for years after scheduled completion date shown.

Project Management – Project or construction management and oversight support of projects to carry out elements of construction. Project management is provided by in-house agency staff and consultants. Typically includes construction materials testing for contract compliance.

ACRONYMS AND ABBREVIATIONS

ABAG	Association of Bay Area Governments
ATP	Active Transportation Program
BAIFA	Bay Area Infrastructure Financing Authority
BAAQMD	Bay Area Air Quality Management District
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CMP	Congestion Management Program
CO-OP	Cooperative Agreement
CTC	California Transportation Commission
DPW	Department of Public Works
EEMP	Environmental Enhancement and Mitigation
EIR	Environmental Impact Report
EIS	Environmental Impact Study
ENV MITG	Environmental Mitigation
EV	Electric Vehicles
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GGT	Golden Gate Transit
GGBHTD	Golden Gate Bridge Highway and Transportation District
HOT Lane	High Occupancy Toll Lane
HOV Lane	High Occupancy Vehicle Lane
ITIP	Interregional Transportation Improvement Program
ITS	Intelligent Transportation Systems
JARC	Job Access and Reverse Commute Program
LOS	Level of Service
MCBC	Marin County Bicycle Coalition
MPO	Metropolitan Planning Organization
MPWA	Marin Public Works Association
MT	Marin Transit
MTC	Metropolitan Transportation Commission

ACRONYMS AND ABBREVIATIONS

MTS	Metropolitan Transportation System
NEPA	National Environmental Policy Act
NOP	Notice of Preparation
NTPP	Non-motorized Transportation Pilot Program
OBAG	One Bay Area Grant
PA&ED	Project Approval & Environmental Document
PCA	Priority Conservation Area
PCI	Pavement Condition Index
PDA	Priority Development Area
PS&E	Plans, Specifications and Engineers Estimates
PSR	Project Study Report
RHNA	Regional Housing Needs Allocation
RM 2	Regional Measure 2
ROW	Right of Way
ROW CAP	Right of Way Capital
RTIP	Regional Transportation Improvement Plan
RTP	Regional Transportation Plan
SAFETEA-LU	Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users
SCS	Sustainable Communities Strategy
SLPP	State Local Partnership Program
SMART	Sonoma Marin Area Rail Transit
SR2S	Safe Routes to School
STA	State Transit Assistance
STIP	State Transportation Improvement Program
STIP-IIP	Interregional Transportation Improvement Program
STIP-RIP	Regional Transportation Improvement Program
STP	Surface Transportation Program
TBD	To Be Determined
TCRP	Traffic Congestion Relief Program
TEA-21	Transportation Equity Act for the 21st Century
TIP	Federal Transportation Improvement Program
VRF	Vehicle Registration Fee

TAM Project Update

Board of Commissioners

February 25, 2021

Transportation Authority of Marin

Making the Most out of Marin Transportation Dollars

TAM Project Update

- Marin Sonoma Narrows
- State Route 37
- North-South Greenway Gap Closure
- Highway 101 Interchange Studies
- Class IV Bikeway on the I-580 SFD Off-Ramp
- Northbound US 101 to Eastbound I-580 Direct Connector
- Bellam Blvd Off-Ramp from US 101
- Marin County Part Time Transit Lane Feasibility Study
- Alternative Fuels Program

US 101 – Marin Sonoma Narrows

Current Phase:

Pre-Construction

Update from Prior Report:

- Completed design for mainline HOV (MSN B7)
- Awarded SB1-SCCP funds from CTC

Issues:

- Need RM3 funds to start construction
- Legal challenge to RM3 bridge toll funds

Upcoming Activities:

- Complete design of MSN B8
- Start construction of MSN B7

State Route 37

Current Phase:

Planning and Environmental Clearance

Update from Prior Report:

- Segment A, Marin – MTC Design Alternative Assessment and Caltrans environmental clearance
- Segment B, Sonoma/Solano – MTC environmental review and preliminary design
- Corridor-wide – Caltrans conducting Planning-Environmental Linkage Study

Issues:

None

Upcoming Activities:

Monitor on-going activities.

North/South Greenway Gap Closure

Current Phase:

Construction

Update from Prior Report:

Initiating construction of multi-use path crossing Corte Madera Creek

Issues: None

Upcoming Activities:

Monitoring construction progress and schedule of upcoming activities

Responding to contractor's questions and clarifying engineering design details

Measure AA Funded Interchange Studies

Current Phase:

Studies are in the initial planning phase

Update from Prior Report:

Currently collecting traffic, transit and pedestrian data and documenting existing conditions

Issues: None

Upcoming Activities:

Meetings held with City/Town, County and Transit agency staff to provide status update and listen to local concerns

A public survey will be released to solicit input and receive feedback.

Class IV Bikeway on the I-580 SFD Off-Ramp

Current Phase:

Open for public use

Update from Prior Report:

Completed construction of final segment

Issues:

None

Upcoming Activities:

Collecting usage data for evaluation during pilot period

NB 101 to EB 580 Direct Connector

Current Phase:

Planning

Update From Prior Report:

- Additional Stakeholder Meetings
- Presentation to San Rafael

Issues:

- Equity Issues
- Property Owner Concerns

Upcoming Activities:

- Preparing Additional Alternatives
- Next Round of Ad-Hoc and Executive Steering Committee

Bellam Boulevard Off-Ramp Improvements

Current Phase:

Design

Update From Prior Report:

- Redesign Almost Complete
- Close to Caltrans Approval

Issues:

- About $2 mil Budget Shortfall
- Tight Construction Window for 2021

Upcoming Activities:

- LPP Application
- Right of Way Negotiation
- County Construction Administration

US 101 Part Time Transit Lanes Feasibility Study

Current Phase:

Planning

First Update:

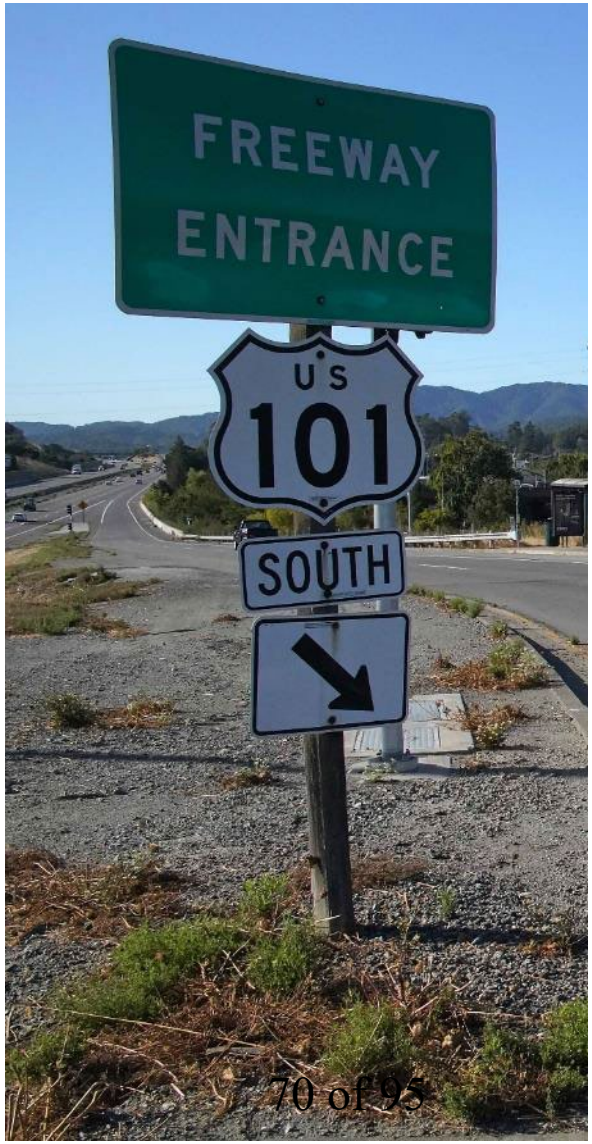
- Concept design developed
- Cost estimates being prepared
- Fall outreach complete

Issues:

- None

Upcoming Activities:

- Spring/Summer Outreach
- Feasibility Study Decision
- Monitor Legislation introduced



Alternative Fuel Program

Current Phase:

Ongoing Program Implementation

First Update:

- EV Fleet Replacement
- EV Charging Stations
- Outreach & Technical Assistance

Issues:

- CalEVIP Funding – Paused until Late 2021
- Clean Cars for All (BAAQMD) Reduced Funds

Upcoming Activities:

- Continuation of program implementation

Questions and Discussion