

SAN MATEO COUNTY TRANSPORTATION AUTHORITY
STAFF REPORT

TO: Transportation Authority

THROUGH: Jim Hartnett
Executive Director

FROM: April Chan
Chief Officer, Planning, Grants and the Transportation Authority

SUBJECT: **PROGRAM AND ALLOCATE ADDITIONAL FUNDS FOR THE CONSTRUCTION
PHASE OF THE STATE ROUTE 1 SAFETY AND OPERATIONAL IMPROVEMENTS
PROJECT, POPLAR TO WAVECREST**

ACTION

Staff recommends the Board take the following actions:

- 1) Program and allocate \$440,000 of Measure A Highway Program Category funds under the Board of Directors' Special Circumstances authority to supplement \$3.2 million previously allocated for the construction phase of the State Route (SR) 1 Safety and Operational Improvements Project, Poplar to Wavecrest, in Half Moon Bay (Project); and
- 2) Authorize the Executive Director, or his designee, to execute any necessary agreements, amendments or other documents, and take any additional actions necessary, to give effect to the above-referenced actions.

SIGNIFICANCE

SR 1 between Poplar Street and Wavercrest Road is a two-lane highway except at Main Street, where an additional lane is provided in each direction. Currently, the northbound SR 1 exit at Main Street/Higgins Canyon Road intersection is not signalized. The high speed, uncontrolled exit from northbound SR 1 to Main Street and Higgins Canyon Road through the skewed angle off-ramp creates undesirable conditions for the opposite direction left-turn traffic movement, as well as for pedestrians and bicyclists.

The Project will provide safety enhancement and operational improvements along SR 1 from Poplar Street and Wavecrest Road by installing new traffic signals at the intersection of SR 1/Main Street and replacing the skewed angle exit ramp with a 90-degree right-turn lane. The Project will reduce vehicle speed exiting SR 1, improve intersection sight distance and encourage safe bicycle and pedestrian crossing of SR 1

by providing dedicated crosswalks, traffic signal and median refuge islands. The Project will also extend the two southbound lanes of SR 1 to the intersection of SR 1 and Wavecrest Road and lengthen the existing southbound left-turn lane SR 1 at Main Street for added operational benefits. In February 2014, Caltrans installed the current traffic signals, lighting and intersection improvements at SR 1 and Poplar Street as a separate project.

The City of Half Moon Bay (City) proceeded with the design of the remaining work along SR 1 and at the Main Street/Higgins Canyon Road intersection, and completed construction bid documents on March 6, 2020. In addition, as a preparation for the construction of the Project, the City contributed \$383,000 to implement an advanced undergrounding of PG&E utilities.

The City advertised the Project on March 13, 2020. The City opened the bids on June 4, 2020. The bids varied from a low bid of \$3,586,000 to a high bid of \$4,200,000. The City selected the lowest bidder, Redgwick Construction. In addition to the \$3,586,000 cost for construction, the City is projecting a five percent contingency of \$179,000 and Construction Management, Design Support and Inspection and Testing costs of \$320,000, bringing the total construction cost to \$4,085,000. This leaves the City with a total funding shortage of \$885,000. After discussions and negotiations, the City agreed to fund \$445,000 of the shortage and is requesting the San Mateo County Transportation Authority (TA) fund the remaining \$440,000.

Justification for the Special Circumstance Request

The funding allocation request for an additional \$440,000 needed is being made outside the normal funding cycle for the Measure A &W Highway Program. Staff has evaluated the request in accordance with the Special Circumstance criteria for advancing funds, as provided in the Strategic Plan 2020-2024. The criteria includes: 1) urgency and 2) impact to the Measure A &W Programs. The funding request to allocate and additional \$440,000 meets two of the urgency criteria:

Immediate construction to address a public safety need.

Accident data shows the rate of accident fatalities within the project limits are more than 3 ½ times higher than the statewide average of similar roadways. An investigation revealed that 40% of the accidents involved broadside collision, 40% involved rear-end collision and 20% involved vehicles colliding with bicyclist. The implementation of this Project will address a known safety issue.

Project can realize significant cost savings if it can be constructed in an earlier time frame.

Recent bid opening results have revealed an upward trend in construction cost proposals for both material and labor at a 3%-5% annual increase. Supply chain challenges during this pandemic have shown to be problematical for construction projects further increasing costs. If this contract is not awarded HMB would have to re-advertise the project which would likely experience higher bids.

In addition, staff has reviewed the impact of this request to the Measure A and Measure W Programs. The Highway Programs currently have a balance of approximately \$84 million in available, uncommitted Measure A and W funds. The requested allocation of \$440,000 from the Highway Program will have a nominal impact on the ability to fund additional projects in future Call for Projects.

BUDGET IMPACT

There is sufficient capacity in the Fiscal Year 2021 and prior year budgets to fully fund the recommended allocation for the Project.

BACKGROUND

In May 2012, the TA issued a call for projects for the Highway Program. The Project met the intent of the 2004 Transportation Expenditure Plan and the TA's Strategic Plan 2014-2019, and the Project was selected to receive \$3.5 million in Measure A Highway Program Key Congested Area funds for the design and construction of the Project. The TA Board allocated \$300,000 of the programmed funds for the design phase of the Project through Resolution 2018-27 in December 2018. Upon completion of the design, the TA Board allocated the remaining \$3,200,000 of programmed funds for the construction phase of the Project through Resolution 2019-24 in October 2019.

Prepared by: Arul Edwin, TA Project Manager

650-339-8845

**RESOLUTION NO. 2020-
SAN MATEO COUNTY TRANSPORTATION
AUTHORITY
STATE OF CALIFORNIA**

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**PROGRAMMING AND ALLOCATING \$440,000 OF ADDITIONAL MEASURE A
HIGHWAY PROGRAM CATEGORY FUNDS FOR CONSTRUCTION OF
THE STATE ROUTE 1 SAFETY AND OPERATIONAL IMPROVEMENTS PROJECT,
POPLAR TO WAVECREST**

WHEREAS, on November 2, 2004, the voters of San Mateo County approved the continuation of the collection and distribution by the San Mateo County Transportation Authority (TA) of the New Measure A half-cent transactions and use tax for 25 years to implement the 2004 Transportation Expenditure Plan (TEP) beginning January 1, 2009; and

WHEREAS, the State Route (SR) 1 Safety And Operational Improvements Project Poplar to Wavecrest (Project) is a Highway Program Category project sponsored and implemented by the City of Half Moon Bay (City); and

WHEREAS, on October 4, 2012, the TA's Board of Directors programmed up to \$3.2 million for the Construction phase of the Project from Measure A Highway Program Category Key Congested Areas funds through Resolution 2012-17, with allocation conditioned upon the completion of the Project's Design phase; and

WHEREAS, on October 3, 2019, through Resolution 2019-24, the TA allocated the previously-programmed \$3.2 million in construction funds for the Project when the City receive final design approval of the Project from the California State Department of Transportation; and

WHEREAS, the City advertised the Project for construction and received bids; and

WHEREAS, the lowest bid exceeded the engineer's estimate and caused a funding shortage of \$885,000 for the Project; and

WHEREAS, the City has agreed to fund \$445,000 of the \$885,000 shortage; and

WHEREAS, the City has requested a Special Circumstance programming and allocation of an additional \$440,000 for the construction phase of the Project prior to the next Highway Program Call for Projects; and

WHEREAS the TA staff have considered the justification, urgency and impacts to the Measure A & Measure W Programs of the requested Special Circumstance programming and allocation and find it is consistent with the guidance outlined in the TA's 2020-2024 Strategic Plan; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the San Mateo County Transportation Authority hereby programs and allocates \$440,000 of additional Measure A Highway Program Category funds to the construction phase of the State Route 1 Safety and Operational Improvements Project, Poplar to Wavecrest, in Half Moon Bay; and

BE IT FURTHER RESOLVED THAT the Executive Director, or his designee, is authorized to execute any necessary agreements or amendments, and to take any additional actions necessary, to give effect to this resolution.

Regularly passed and adopted this 9th day of July, 2020 by the following vote:

AYES:

NOES:

ABSENT:

Chair, San Mateo County Transportation Authority

ATTEST:

Authority Secretary