



RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE MASTER AGREEMENTS, PROGRAM SUPPLEMENTAL AGREEMENTS, COOPERATIVE AGREEMENTS AND ANY AMENDMENTS THERETO WITH THE CALIFORNIA DEPARTMENT OF TRANSPORTATION FOR RECEIPT OF FEDERAL AND STATE FUNDS FOR THE YERBA BUENA ISLAND WESTSIDE BRIDGES SEISMIC RETROFIT PROJECT IN THE AMOUNT OF \$7 MILLION AND THE YERBA BUENA ISLAND SOUTHGATE ROAD REALIGNMENT IMPROVEMENTS PROJECT IN THE AMOUNT OF \$30 MILLION

WHEREAS, The Transportation Authority is a recipient of federal and state funds administered by the California Department of Transportation (Caltrans); and

WHEREAS, Guidelines established by Caltrans require that certain funding agreements be signed by the project sponsor and returned to Caltrans within 90 days or Caltrans may disencumber and/or de-obligate funds, and the guidelines also require a Board resolution identifying the person(s) authorized to execute these funding agreements and the title of the grant; and

WHEREAS, In 2019 staff anticipate receiving federal and state funds from Caltrans for the Yerba Buena Island (YBI) Westside Bridges Seismic Retrofit Project and YBI Southgate Road Realignment Improvements Project, both of which are included in the agency's adopted work program for Fiscal Year 2018/19; and

WHEREAS, The YBI Westside Bridges Seismic Retrofit Project will reconstruct or seismic retrofit eight existing bridge structures and will be challenging to implement given its unique location along the western edge of YBI along steep terrain on the hillside overlooking the San Francisco Bay; and

WHEREAS, In March 2018, through Resolution 18-42, the Board approved the Construction



Manager/General Contractor (CM/GC) Project Delivery Method for this project; and

WHEREAS, In November 2018, Caltrans awarded an additional \$7 million in federal Highway Bridge Program funds for the project, and

WHEREAS, These funds will be used for the project's CM/GC preconstruction services contract and related expenditures, and a program supplemental agreement with Caltrans needs to be executed prior to seeking reimbursement of grant funds; and

WHEREAS, The YBI Southgate Road Realignment Improvements Project will increase the length of the on-ramp and off-ramp on a new alignment to allow the YBI Westbound Ramps Project to function as designed; and

WHEREAS, The Transportation Authority submitted a federal Highway Bridge Program funding application request to Caltrans in October 2017; and

WHEREAS, Caltrans has approved programming approximately \$30 million of federal and state Prop 1B funds in the Federal Transportation Improvement Program for federal Fiscal Year 2018/19 for the YBI project, and staff anticipate that grant funds will be authorized in spring 2019; and

WHEREAS, Procurements for each project and mid-year budget amendments, where applicable, will be brought to the Transportation Authority Board for approval as part of separate actions, and

WHEREAS, This authorization would facilitate compliance with Caltrans' funding agreement deadlines and enable the Transportation Authority to seek reimbursement of federal and/or state grant funds administered by Caltrans for the YBI Westside Bridges Seismic Retrofit Project and the YBI Southgate Road Realignment Improvements Project; now, therefore, be it

RESOLVED, That the Transportation Authority hereby authorizes the Executive Director to execute master agreements, program supplemental agreements, cooperative agreements and any



amendments thereto with Caltrans for receipt of federal and state funds for the Yerba Buena Island Westside Bridges Seismic Retrofit Project in the amount of \$7 million and the Yerba Buena Island Southgate Road Realignment Improvements Project in the amount of \$30 million.



# Memorandum

**Date:** February 4, 2019  
**To:** Transportation Authority Board  
**From:** Cynthia Fong – Deputy Director for Finance and Administration  
**Subject:** 02/12/19 Board Meeting: Authorize the Executive Director to Execute Master Agreements, Program Supplemental Agreements, Cooperative Agreements, and Any Amendments Thereto with the California Department of Transportation for Receipt of Federal and State Funds for the Yerba Buena Island Westside Bridges Seismic Retrofit Project in the Amount of \$7 Million and the Yerba Buena Island Southgate Road Realignment Improvements Project in the Amount of \$30 Million

RECOMMENDATION	<input type="checkbox"/> Information	<input checked="" type="checkbox"/> Action	
<ul style="list-style-type: none"> <li>• Authorize the Executive Director to execute master agreements, program supplemental agreements, cooperative agreements, and any amendments thereto with the California Department of Transportation (Caltrans) for receipt of federal and state funds for the following projects:           <ul style="list-style-type: none"> <li>○ Yerba Buena Island (YBI) Westside Bridges Seismic Retrofit Project in the amount of \$7 million</li> <li>○ YBI Southgate Road Realignment Improvements Project in the amount of \$30 million</li> </ul> </li> </ul>		<input type="checkbox"/> Fund Allocation <input type="checkbox"/> Fund Programming <input type="checkbox"/> Policy/Legislation <input type="checkbox"/> Plan/Study <input type="checkbox"/> Capital Project Oversight/Delivery <input type="checkbox"/> Budget/Finance <input checked="" type="checkbox"/> Contract/Agreement <input type="checkbox"/> Other: <hr/>	

## SUMMARY

We are seeking authorization for the Executive Director to execute funding agreements between the Transportation Authority and Caltrans for receipt of federal and state funds for several grants that we anticipate receiving this year for the YBI Westside Bridges Seismic Retrofit Project and YBI Southgate Road Realignment Improvements Project. Guidelines established by Caltrans require that certain funding agreements be signed by the project sponsor and returned to Caltrans within 90 days. Caltrans may disencumber and/or de-obligate funds if the deadline is not met. Caltrans also requires a Board resolution identifying the person(s) authorized to execute these funding agreements and the title of the grant. The Board has previously adopted similar resolutions with the last one being Resolution 16-22 in November 2015.

## DISCUSSION

### Background.

We are working jointly with the Treasure Island Development Authority and the Office of Economic and Workforce Development on the development of the I-80/YBI Interchange Improvement Project.

The scope of the project includes two major components: 1) the I-80/YBI Ramps Improvement Project Phase 1, which includes constructing new westbound on- and off-ramps (on the east side of YBI) to the new Eastern Span of the San Francisco-Oakland Bay Bridge and the YBI Southgate Road Realignment Improvements Phase 2, which includes increasing the length of the on-ramp and off-ramp on a new alignment to allow the westbound ramps to function as designed; and 2) the YBI Westside Bridges Seismic Retrofit Project on the west side of the island. We are in the process of completing Phase 1 (I-80/YBI Ramps Improvement Project) and are now implementing Phase 2 (YBI Southgate Road Realignment Improvements Project).

**Discussion.**

Brief descriptions of the two YBI projects for which we are recommending approval of the subject resolution are provided below along with information on the relevant federal and state grants. Both projects are included in the agency's adopted work program for Fiscal Year 2018/19.

**YBI Westside Bridges Seismic Retrofit Project:** The project will reconstruct or seismically retrofit eight existing bridge structures and will be challenging to implement, given its unique location along the western edge of YBI along steep terrain on the hillside overlooking the San Francisco Bay. In addition to the challenging location, the project presents numerous complex structural (bridge/retaining wall foundations) and geotechnical challenges (unstable soils), as well as difficult construction access (very steep terrain) and environmental constraints (construction adjacent to and above the San Francisco Bay).

In March 2018, through Resolution 18-42, the Board approved the Construction Manager/General Contractor (CM/GC) Project Delivery Method for this project. In October 2018, through Resolution 19-17, the Board awarded a professional services contract to Golden State Bridge/Obayashi Joint Venture for CM/GC preconstruction services and a contract amendment to WMH Corporation, subject to Caltrans' approval of additional federal Highway Bridge Program funds. Caltrans awarded an additional \$7 million in federal Highway Bridge Program funds for the project on November 29, 2018. These funds will be used for the project's CM/GC preconstruction services contract and related expenditures. We need to execute a program supplemental agreement with Caltrans prior to seeking reimbursement of grant funds and have until March 27 to do so to avoid losing the funds. Construction of the project is scheduled to begin in spring/summer 2020 and be completed by the end of 2021.

**YBI Southgate Road Realignment Improvements Project:** This project will increase the length of the on- and off-ramp on a new alignment to allow the YBI Westbound Ramps Project to function as designed. Southgate Road as realigned would effectively function as an extension of the on- and off-ramps for the YBI Westbound Ramps Project and would separate traffic heading down westbound and eastbound I-80, thereby eliminating queue spillback onto I-80 and the LOS F intersection. The extended ramps would provide direct access from Hillcrest Road to the westbound on-ramp and would ensure all truck turning movements are accommodated. In addition, the eastbound off-ramp is being reconstructed. We submitted a federal Highway Bridge Program funding application request to Caltrans in October 2017. Caltrans has approved programming of approximately \$30 million of federal and state Prop 1B funds in the Federal Transportation Improvement Program for federal Fiscal Year 2018/19 for the YBI project. We anticipate grant funds will be authorized in spring 2019.

## **FINANCIAL IMPACT**

Approval of the recommended action would facilitate compliance with Caltrans funding agreement deadlines and enable the Transportation Authority to seek reimbursement of federal and/or state grant funds administered by Caltrans for the YBI Westside Bridges Seismic Retrofit Project and the YBI Southgate Road Realignment Improvements Project. We will bring procurements for each project and mid-year budget amendments, where applicable, to the Board for approval as part of future agenda items.

## **CAC POSITION**

At its January 23, 2019 meeting the CAC unanimously adopted a motion of support for Transportation Authority staff recommendation for a blanket authorization to execute all agreements with Caltrans for receipt of federal and state funds, including the YBI Westside Bridges Seismic Retrofit Project and YBI Southgate Road Realignment Improvements Project. Subsequently, we revised the recommended action to provide the needed authorization for the two subject projects.

## **SUPPLEMENTAL MATERIALS**

None