

## **February 2024 Recommended RM3 Allocation – Project Summaries**

### **MUNI Fleet Expansion and Facilities Projects**

RM3 provides \$140 million in toll funds to RM3 Project 10, MUNI Fleet Expansion and Facilities. This RM3 programmatic category funds replacement and expansion of the San Francisco Municipal Transportation Agency's MUNI vehicle fleet and associated facilities. Two allocations under this category are proposed this month:

#### **SFMTA – Kirkland Yard Electrification Project (3.8 million)**

The Kirkland Yard Electrification Project (Project 10.4) proposes to upgrade Kirkland Yard to store, maintain, and charge 111 40' Battery Electric Buses (BEBs) at the existing bus facility. Kirkland Yard currently stores, maintains, fuels, and services 88 40' hybrid buses. The project site is in the Fisherman's Wharf area of San Francisco. The BEB facility would be built in one phase to provide unencumbered site access to expedite construction. The proposed project would increase the capacity of the Kirkland yard facility from an estimated 88 to approximately 111 buses and transition from storing, maintaining, fueling, and servicing diesel hybrids to a BEB-only facility. To accommodate these extra buses, the existing Operations Building and trailer would be demolished and replaced with new office trailers on the west side of the site. A new electric vehicle (EV) charging system using overhead inverted pantograph chargers would be installed. The \$3.8 million in RM3 funds will fully pay for the proposed project's environmental phase (\$1.4M) and early Design stage costs (\$2.4M). The Design stage funding will support the development of a Request for Qualifications/Proposals to implement an alternate project delivery method that will use a progressive design build (PDB) construction contract. The selected PDB firm will provide the final design and construct the Kirkland Yard Facility for the SFMTA.

#### **SFMTA – Battery Electric Bus Procurement Project (\$2.38 million)**

With this project (Project 10.5), SFMTA will purchase six 60' and twelve 40' battery electric buses (BEBs), along with all required accessories, and deploy the vehicles in revenue service as replacements for eighteen 40' hybrid buses. The BEBs shall be

procured from multiple manufacturers through statewide procurement contracts or as options through existing procurement contracts, as authorized under Federal Transit Administration statutes and regulations. Vehicles are anticipated to be procured from two manufacturers: Gillig and New Flyer. The SFMTA would like to evaluate Gillig's 40' BEBs, as these were not available during the time of the 40' battery bus pilot program. The other vehicles in the procurement will be provided by New Flyer as it has demonstrated the best overall performance in the battery bus pilot program. The total project cost is estimated at \$44,116,000. The project scope does not include the required charging infrastructure needed to accommodate the eighteen BEBs. The charging infrastructure will have to be installed prior to the arrival of BEBs. The \$2.38 million in RM3 funds will support the project's design phase, estimated at \$3,085,000, so that RM3 funds will be paying for 77.2% of design costs. The BEB procurement design phase will need to address working with multiple vendors, two types of 40' BEBs (one from New Flyer, one from Gillig) and 60' BEBs from New Flyer. As with most technology-driven projects, the design phase will carry into the procurement phase of the project.

### **Richmond-San Rafael Bridge Access Improvements Projects**

RM3 provides \$210 million in toll funds to RM3 Project 25, the Richmond-San Rafael Bridge Access Improvements project. Two allocations under this project are proposed this month:

#### **BATA – I-580 Richmond Parkway Interchange Operational Improvements (\$0.95 million)**

RM3 provides \$210 million in toll funds to RM3 Project 25, the Richmond-San Rafael Bridge Access Improvements project. The Bay Area Toll Authority (BATA) is the project sponsor for RM3 Project 25.2, I-580 Richmond Parkway Interchange Operational Improvements in Contra Costa County. The Richmond Parkway Improvement project is part of a suite of near-term strategies to improve travel options across the bridge corridor in Contra Costa County. The I-580 Richmond Parkway Interchange Operational Improvements project will identify and implement infrastructure improvements on Richmond Parkway in the City of Richmond to address traffic congestion as local and regional traffic attempt to access westbound I-580.

The project will begin the environmental phase in June 2024 and is on track to be completed by September 2024. BATA requests allocation of \$0.95 million in environmental funds to complete the environmental phase.

**BATA – Cutting Boulevard Transit Improvements (\$0.45 million)**

The Bay Area Toll Authority (BATA) is the project sponsor for RM3 Project 25.3, Cutting Boulevard Transit Improvements in Contra Costa County. The Cutting Boulevard Transit Improvements project is part of a suite of near-term strategies to improve travel options across the bridge corridor in Contra Costa County. The Cutting Boulevard Transit Improvements project will improve transit access and operations in the corridor by implementing Transit Signal Priority (TSP) and bus stop improvements along Cutting Boulevard in the City of Richmond for the Golden Gate Transit Route 580, which serves travel across the Richmond-San Rafael Bridge.

The project will begin the environmental phase upon receiving the allocation and is on track to be completed by July 2024. BATA requests allocation of \$0.45 million in environmental funds to complete the environmental phase.