

## B. FACT SHEET



### SAMTRANS EMISSION ZERO PROJECT

San Mateo County Transit District (SamTrans)

#### Project Location:

San Mateo County

#### Project Scope:

The SamTrans Emission Zero Project (Project or Emission Zero) is an integral part of the electrification of SamTrans' bus fleet. The Project will install electric charging infrastructure at SamTrans' South Base Maintenance and Operations Facility in San Carlos, California. The scope of work includes construction of charging infrastructure and bus charging bays, procurement and installation of 37 overhead pantograph charging dispensers, and construction of essential power distribution networks.

#### Project Benefits:

Emission Zero is vital to meeting the goal of decarbonizing SamTrans bus transit services. The Project will enable the deployment of SamTrans' first set of 37 battery-electric buses (BEB), including BEBs that will serve the US-101 Express Bus Route EPX (East Palo Alto – San Bruno BART), a new expansion route that will serve San Mateo County's equity priority areas, and provide direct service between key destinations on the US 101 corridor. In addition, the Project will enable SamTrans to catalyze its broader deployment of future BEBs and fully implement improvements identified through Reimagine SamTrans (Reimagine), a comprehensive operational analysis that evaluated the SamTrans bus system and developed a new network.

#### Schedule

Phases	Completion Date
Environmental (PA&ED):	January 2023
Final Design (PS&E):	March 2024
Right of Way (R/W):	March 2024
Begin Construction (CON):	August 2025
Construction Completion:	July 2026

#### Funding

Total Project Cost:	\$32,605,000
Project Construction Cost:	\$29,648,000
Total LPP-C Request:	\$14,824,000 (50% of Construction)

Route EPX and Reimagine	Battery Electric Buses
The new express Route EPX is designed to strengthen transit connectivity to jobs and housing hubs by providing service between prime job and living locations, improve transportation equity by enhancing service in areas currently under-served by high capacity transit, and support sustainable land use and transportation policies and goals. Reimagine focused on expanding bus routes to increase accessibility, connectivity and ridership, enhance integrated services and improve safety for transit dependent, historically under-served and low-income communities.	Diesel buses are major contributors to greenhouse gas (GHG) emissions and represent 89 percent of SamTrans' GHG emissions. This Project is an important next step in the electrification of the bus fleet to reduce the region's GHG and carbon emissions, reduce fossil fuel consumption, and provide more efficient and equitable access to sustainable and clean public transportation in San Mateo County. The Project will allow SamTrans to efficiently operate its first set of BEBs replacement buses and EPX expansion fleet.