

San Francisco Municipal Transportation Agency Needs to Improve Accountability and Collaboration in Its Capital Planning and Project Delivery Processes

Executive Summary

February 16, 2021

City Services Auditor, Office of the Controller

San Francisco Municipal Transportation Agency

WHY WE DID THIS AUDIT

The San Francisco Municipal Transportation Agency (SFMTA) oversees the public transportation network of the City and County of San Francisco (City) and engages in capital construction projects as part of its efforts to improve transit reliability and safety. SFMTA's 20-year capital plan includes \$31 billion in capital needs. The capital planning process requires the participation of various SFMTA divisions and stakeholders. The audit assessed whether SFMTA's collaboration, communication, and decision-making framework facilitates its divisions to effectively plan and deliver capital projects within expected scope, schedule, and budget.

HOW WE DID IT

The audit focused on four capital projects owned by the Transit Division:

Project	Description	Budget (in Millions)	Construction Timeline
Twin Peaks Tunnel Trackway Improvement (Twin Peaks Tunnel)	Replace the track structure in the Twin Peaks Tunnel between the West Portal and old Eureka Valley Stations and perform seismic strengthening and structural repairs.	\$86.9	May 2016 – February 2020
Green Light Rail Center Track Replacement (Green Center)	Replace worn tracks and switches, improve yard lighting, and construct new curb ramps.	\$54.1	January 2013 – December 2017
UCSF Platform and Track Improvement (UCSF Platform)	Reconfigure track alignment, install new transit signals, and construct a new boarding platform.	\$51.7	April 2018 – October 2019
5 Fulton Outer Route Fast Track Transit Enhancements (Fulton)	Part of the Muni Forward Transit Priority Projects, these projects involve bus bulbs (curb extensions), new traffic signals replacing stop signs, and pedestrian improvements.	\$6.1	February 2015 – May 2018

To conduct the audit, CSA gathered evidence using a variety of procedures and from a range of sources. Specifically, the audit team:

- Interviewed and surveyed employees in Capital Improvement Program (CIP) planning and capital projects delivery.
- Assessed project documentation for the selected capital projects.
- Analyzed documents relevant to CIP planning, project delivery, and governance.
- Contracted with Cumming Management Group, Inc., to assess cost estimates and preliminary engineering reports for the selected capital projects.

WHAT WE FOUND

The audit concluded that SFMTA's communication and collaboration problems contributed to delays of up to 1.7 years and cost overruns of up to \$9 million for the four sample projects we looked at. SFMTA must reinforce agency and individual accountability and promote a culture of collaboration by improving these processes and making better use of its data and technology. The audit report includes 16 actionable recommendations to SFMTA.

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