

# Reprogramming RTIP Funds to SFMTA's Communications- Based Train Control Project



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Board Item 6  
November 5, 2019

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## 2020 Regional Transportation Improvement Program (RTIP)

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5-year investment plan for state  
transportation money

As Congestion Management  
Agency, SFCTA, recommends  
San Francisco projects

October 22, 2019 - SFCTA Board  
approved 2020 RTIP Priorities



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## Restoration of Light Rail Lines - Axle Counters (SFMTA)

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2018 RTIP: \$13,752,000 in Fiscal  
Year 2020/21

Identifies location of trains in current  
train control system

In Muni Metro Subway:

- Upgrade 83 rail-side axle counters
- Install 20 additional axle counters

Outdated technology that is prone to  
failure and difficult to maintain



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# SFMTA's Communications-Based Train Control (CBTC) Project



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New, modern, systemwide approach to train control to:

- Reduce delays
- Improve maintainability
- Reduce variability of surface travel times
- Better address bottlenecks
- Increase system capacity

Recommendation:

- Reprogram \$13,752,000 in FY 2020/21 RTIP funds to the CBTC Project



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# CBTC Project - Phases 1 and 2

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## Location:

- Phase 1: T-Third, Embarcadero to 23<sup>rd</sup> Street
- Phase 2: Muni Metro Subway

Cost: \$91,035,000

Funding: RTIP, Federal Transit Administration State of Good Repair, State SB 1, SFMTA Prop B funds

## Project Completion:

- Phase 1: December 2021
- Phase 2: January 2024



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# Revise 2020 RTIP Priorities to Reflect \$778,000 Increase in Funding

CATEGORY	FUNDS AVAILABLE
Planning Programming and Monitoring	\$418,000
	
New Flyer Midlife Overhaul – Phase III (SFMTA)	<del>\$7,174,000</del> \$7,952,000
<p>\$778,000 in additional funding means SFMTA can increase the scope from 13 vehicles to 14 vehicles</p>	
<b>Total</b>	<del>\$7,592,000</del> \$8,370,000



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## Next steps / schedule

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- November 19 - Submit request for scope amendment and revised 2020 RTIP to Metropolitan Transportation (MTC)
- December 18 - MTC approves scope amendment as part of 2020 RTIP
- March 25, 2020 - California Transportation Commission approves 2020 RTIP

# Thank you.

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