



**Massachusetts Bay  
Transportation Authority**

# **MBTA Projects For Consideration**

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*Boston MPO TIP Committee  
March 2024*

# FY25-29 MBTA Projects for Consideration

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- In response to a **request from the MPO at the March 7 meeting**, MBTA staff have pulled together a list of projects that are next-up priorities for the Authority and not currently funded in the MBTA's Capital Investment Program (CIP), for MPO TIP funding consideration.
- This list begins with **fully funding projects with previous MPO commitments**
- **Potential new projects** were identified through the FY25-29 CIP development process and are presented in three categories:
  - Bus priority improvements
  - “No-regrets” early action Commuter/Regional Rail Modernization investments
  - Accessibility and station access improvements
- These projects are candidates for MPO Regional Target Funding because they are: federally eligible investments, currently advancing through design, and located within the MPO region.
- We have organized these projects into **two different scenarios** that capture varying MBTA and MPO priorities



# Cost Increases on Previous MPO Project Commitments

Project Name	Investment Category	Federal Share (80%)	MBTA Match (20%)	MPO funding request (millions)
Tremont/Columbus	Bus Priority	\$6.0	\$1.5	\$7.5
Jackson Square	Accessibility & Station Access	\$4.8	\$1.2	\$7.25
Haverhill Line 30-min headways (Reading turn track)	Rail Modernization	\$5.8	\$1.45	\$6M
<b>Total</b>		<b>\$16.6</b>	<b>\$4.15</b>	<b>\$20.75</b>



# New Project Scenario 1

Project Name	Investment Category	Federal Share (80%)	MBTA Match (20%)	MPO funding request (millions)
Nubian Sq Bus Circulation	Bus Priority	\$4.0	\$1.0	\$5
Pedal & Park Modernization	Accessibility & Station Access	\$2.0	\$0.5	\$2.50*
Inner Fitchburg 30-minute headways	Rail Modernization	\$11.2	\$2.8	\$14
Central Station Accessibility	Accessibility & Station Access	\$4.0	\$1.0	\$5.00**
<b>Total</b>		<b>\$21.2</b>	<b>\$5.3</b>	<b>\$26.5</b>

\*Project is scalable. \$2.5m estimate includes \$1m for modernizing control systems that can be handled separately.

\*\*Total need is \$10m. MBTA is seeking funding from multiple sources.



# New Project Scenario 2

Project Name	Investment Category	Federal Share (80%)	MBTA Match (20%)	MPO funding request (millions)
Mattapan Square	Transit Priority	\$16.0	\$4.0	\$20.0
Central Station Accessibility	Accessibility & Station Access	\$4.0	\$1.0	\$5*
Pedal & Park Modernization	Accessibility & Station Access	\$1.2	\$0.3	\$1.5
<b>Total</b>		<b>\$21.2</b>	<b>\$5.3</b>	<b>\$26.5</b>

Proposed additional project for additional funding if available, or application to the FFY 2026 Transit Transformation Program:

Nubian Sq Bus Circulation	Transit Priority	\$4.0	\$1.0	\$5
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\*Total need is \$10m. MBTA is seeking funding from multiple sources.



# MBTA Potential Project List: Bus Priority Category





# Transit Priority: Tremont/Columbus



**Type of project:** Programmed/cost increase

## **Project description:**

Funding for Phase 2 of the Columbus Avenue center-running bus lane in Boston. This phase of the project extends the bus lane north one mile from Jackson Square to Ruggles Station.

## **Funding request (estimated costs):**

- Total Request: \$7.5M in addition to previously programmed funding
  - 80% federal share: \$6m
  - 20% match: \$1.5m

## **Purpose of funding:**

Cover additional costs identified during the design and engineering stage such as moving MBTA duct banks.



# Transit Priority: Nubian Square Accessibility and Operational Improvements



**Type of project:** New

## **Project description:**

Construction of accessible passenger platforms at Nubian Station to reverse direction of MBTA buses and leverage City of Boston's street network improvements for increased service efficiency. Includes signals, striping, and curb modifications.

## **Funding request (estimated costs):**

- Total Request: \$5m
  - 80% federal share: \$4m
  - 20% match: \$1m

## **Purpose of funding:**

Advance project construction. Design will be complete by time funds are available.





# Transit Priority: Mattapan Square Reconfiguration



**Type of project:** New

## Project description:

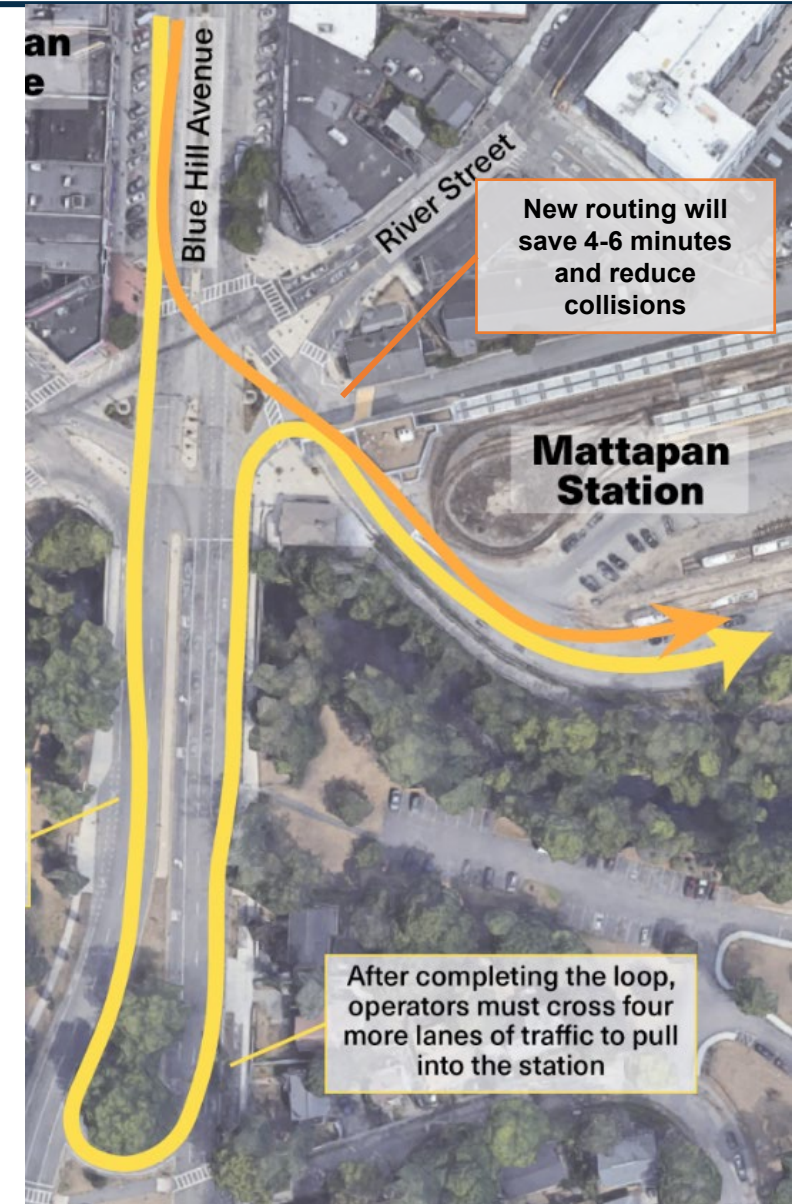
Reconfiguration of Mattapan Square in the southern extent of the Blue Hill Ave project to update bus routing to/from station, reduce travel times by 4-6 mins, and improve safety for riders and pedestrians.

## Funding request (estimated costs):

- Total request: \$20m. City of Boston and MBTA are working to lower costs.
  - 80% federal share: \$16m
  - 20% match: \$4m

## Purpose of funding:

Advance concept to full design and construction.





# **MBTA Potential Projects: Rail Modernization Category**



# Rail Modernization: Reading Turn Track



**Type of project:** Programmed/Cost Increase

## **Project description:**

Delivery of turn track and signal improvements to deliver 30-minute weekday service as far as Reading on the Commuter Rail's Haverhill Line.

## **Funding request (estimated costs):**

- Total request: \$6M in addition to previously programmed funding
  - 80% federal share: \$4.8m
  - 20% match: \$1.2m

## **Purpose of funding:**

Cover cost increase and take the project to completion.





# Rail Modernization: Fitchburg Line 30-min Service



**Type of project:** New

## **Project description:**

Infrastructure improvements to deliver 30-minute weekday service to the inner half of the Fitchburg Line, as far as Kendal Green Station. In accordance with the goals of the Rail Vision plan, this would allow service every 30 minutes to Boston, Cambridge, Belmont, Waltham, and Weston.

## **Funding request (estimated costs):**

- Total Request: \$14M
  - 80% federal share: \$11.2m
  - 20% match: \$3.8m

## **Purpose of funding:**

Fully fund turn track in vicinity of Kendal Green Station.





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## MBTA Potential Project List: Accessibility and Station Access Category





# Accessibility Improvements: Jackson Sq.



**Type of project:** Programmed/Cost increase

## Project description:

Accessibility improvements at Jackson Square Station on the Orange Line, including construction of a new elevator and modernization of existing elevator.

## Funding request (estimated costs):

- Total Request: \$7.25m in addition to previously programmed funding
  - 80% federal share: \$5.8m
  - 20% match: \$1.45m

## Purpose of funding:

Cover budget gap and take the project to completion.





# Accessibility Improvements: Central Station



**Type of project:** New

## **Project description:**

Construction of two redundant elevators and the modernization of existing outbound elevator, one of the most unreliable units in the system. (Note: existing inbound elevator was fully modernized in 2020.)

## **Funding request (estimated costs):**

- Total request: \$5M
  - 80% federal share: \$4m
  - 20% local share: \$1m

## **Purpose of funding:**

Partially cover budget gap and help take the project to completion. Total project need is \$10m.





# Station Access and Accessibility Improvements: Pedal & Park Modernization



**Type of Project:** New

## Project description:

Updates to about 15 MBTA Pedal & Park facilities systemwide to provide a more inclusive, accessible, efficient, and user-friendly standard of bike and micromobility parking, wayfinding, and bike maintenance equipment. Project would reach 12-13 transit stations across multiple modes and 9 municipalities.

## Funding request (estimated costs):

- Total Request: \$1.5M, or \$2.5m total to also upgrade control systems. Project is scalable.
  - 80% federal share: \$1.2m/\$2m
  - 20% match: \$.3m/\$.5m

**Purpose of funding:** Design and construction



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# New Project Scenario 2

Project Name	Investment Category	Federal Share (80%)	MBTA Match (20%)	MPO funding request (millions)
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