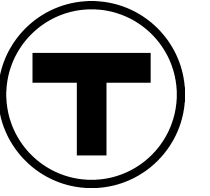


Massachusetts Bay Transportation Authority

Auburndale, West Newton and Newtonville Commuter Rail Stations Improvements:

MBTA Contract No. A72PS02
Architectural and Engineering Services

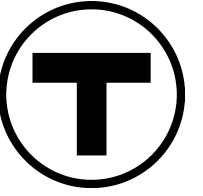
August 12, 2019



OVERVIEW

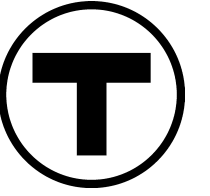
Today's board action will provide for Design Phase, Bid Phase, and Construction Phase Services for the Auburndale, West Newton, and Newtonville Commuter Rail Stations Improvements.





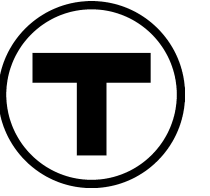
Background

- In February 2017, the MBTA decided to step back from the planned Auburndale Station Design and revisit all three Newton Commuter Rail Stations.
- The MBTA committed to evaluate design alternatives and operations of all three Newton Stations – Auburndale, West Newton, and Newtonville – as a segment.
- From July 2017 to May 2018, the MBTA prepared the Newton Stations Conceptual Design & Operations Analysis Report. Feedback from MBTA internal stakeholders (System-wide Accessibility and RR Operations), City of Newton, MassDOT, and advocates informs the analysis.
- The report recommended the advancement of Alternative 1, which includes construction of single side platforms north of the existing track at each of the three stations.



Study Report Coordination, Briefing and Public Meeting

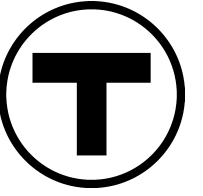
- Jul 27, 2017: Transit Matters Coordination Meeting
- Feb 15, 2018: City of Newton/Elected Officials Briefing
- Mar 19, 2018: Transit Matters Coordination Meeting
- May 7, 2018: Briefing at FMCB Meeting with support from Elected Officials
- Nov 14, 2018: City of Newton/Elected Officials Briefing
- Aug 2, 2019: Public Meeting



Advancement of Alternative 1

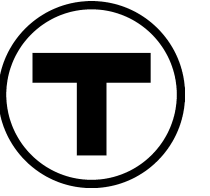
The project consists of the following elements at each station:

- A new, fully-accessible (ADA/MAAB compliant) **high-level side platform** adjacent to Track 1 (north of the existing track)
- New, accessible **pedestrian circulation elements** (including a combination of ramps, stairs, and elevators as appropriate) to provide equitable paths of travel
- New **station amenities** per MAAB requirements, including benches, canopies, and tactile stripping, as well as bicycle racks
- Upgrades to existing station **parking lots** as required to provide adequate accessible parking per ADA/MAAB requirements
- Design so as **not to preclude future construction of Alternative 2** which includes construction of a second side platform at each station and additional vertical transportation elements



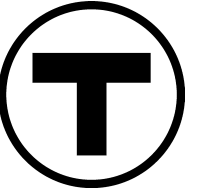
Alternative 2 Considerations

- Alternative 2 provides an additional side platform at each of the three stations allowing for increased inbound off-peak and reverse peak service at a premium of approx. \$83 million in total project cost.
- As part of the project scope, an additional side platform at one of the three Newton Commuter Rail stations will be advanced to the conceptual design level to further define project cost and schedule impacts.



Project Benefits

- Increased passenger and overall system safety
- ADA upgrades consistent with code compliance requirements
- Improved Railroad Operations through level boarding from new high-level platforms
- Improved customer experience
- Reduced station life cycle maintenance costs and lower energy consumption
- Environmentally-friendly station designs
- Addressing the MBTA's reliability and modernization goals

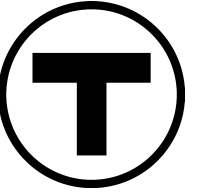


Scope of Services

The services will be delivered on a Task Order basis by Phase. Project Phases for this project are defined to be:

- Phase I Pre-Design
- Phase II Preliminary Design (15% - 30%)
- Phase III Design Development (30% - 75%)
- Phase IV Final Design (75% - PSE)
- Phase V Bid Phase
- Phase VI Construction Phase Services (*)

(*) Subject to securing construction funding



Request of the Fiscal and Management Control Board

Staff request that the Fiscal and Management Control Board authorize the MBTA General Manager, or his designee, to execute MBTA Contract No. A72PS02: Architectural and Engineering Services for Auburndale, West Newton, and Newtonville Commuter Rail Stations Improvements with VHB for an amount not to exceed \$5,000,000.