

Massachusetts Bay Transportation Authority

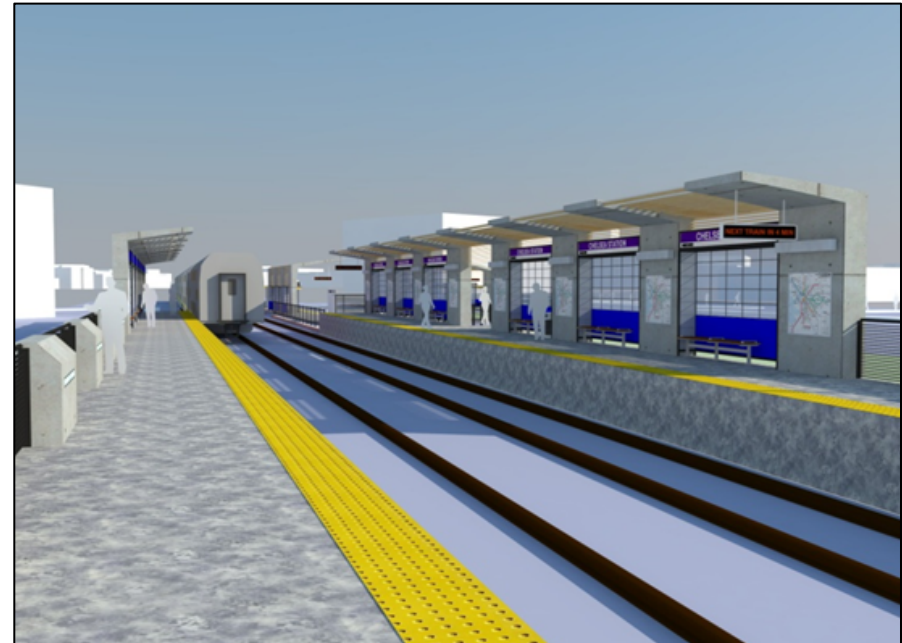
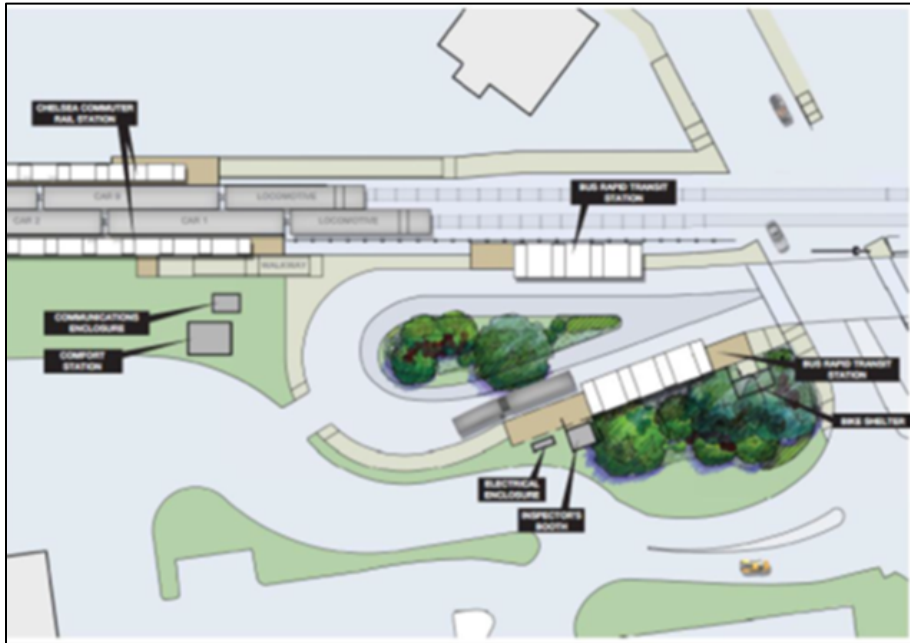
MBTA Construction Contract No. K02CN01: Chelsea Commuter Rail Station

April 29, 2019



OVERVIEW

- Today's board action will provide approval for construction of a new, relocated Chelsea Commuter Rail Station. The new station will be an intermodal facility connecting the Rockport and Newburyport Commuter Rail Lines with the new Silver Line service in Chelsea, MA.





Construction Scope

The scope of work includes:

- New high level platforms, canopies, foundation systems, track work, signage, benches/windcreens, walls, earth support systems, sidewalks, stairways, lighting systems, communications systems, structures for maintenance and bus operations personnel and landscaping.
- Upgrades to the railroad signal systems.
- Installation of new traffic signal systems at local intersections.
- Demolition of the existing Chelsea Commuter Rail Station.



Project Benefits

- Improve accessibility, compliant with ADA, MAAB and MBTA regulations, while improving boarding efficiency.
 - More efficient operations, promoting intermodal connection via access to the Silver Line Chelsea Station and an adjacent multi-use path.
 - Relieve overcrowding on existing bus route and traffic congestion in Chelsea, while providing better transit options to environmental justice populations through improved accessibility to jobs in downtown Boston and the Seaport district.
 - Installation of transit signal priority improvements along the Bus Rapid Transit line, together with improved efficiency of operations and incorporation of green operations elements at the new Chelsea Commuter Rail.
 - Reduce greenhouse gas emissions by increasing the transit mode share and decreasing vehicle idle time for both commuter rail and BRT vehicles.
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Construction Procurement

- Project was advertised on February 8, 2019
 - Engineer's Estimate was \$26,700,000
 - Bid Opening was on April 11, 2019
 - Six (6) Bids were received

\$32,367,200	A.A. Will Corporation (Low Bidder)
\$34,808,422	Bond Brothers, Inc.
\$35,625,300	Skanska McCourt III JV
\$36,391,850	SPS New England, Inc.
\$38,238,090	Walsh Construction Company, I.I., Llc
\$39,083,800	Barletta Heavy Division, Inc.
 - A bid analysis has been completed and A.A. Will Corp. is the recommended low responsible bidder.
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Bid Analysis

Based on the bid analysis that was performed, the variance between the Engineer's Estimate and the low bid can be attributable to:

- Current construction market is very active with an abundance of work
- Availability of subcontractors: concrete, pile foundations, signal and electrical subcontractors
- The large amount of work being performed by subcontractors represents higher risk to General Contractors
- Use of FRP panels for the 800-ft long platform in-lieu of precast concrete platform (higher up front cost)
- PTC coordination and implementation of e-Builder Project Management System added during the bid period



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 award and execute MBTA Construction Contract No. K02CN1: Chelsea Commuter Rail Station with A.A. Will Corporation for an amount not to exceed \$32,367,200.