



**Massachusetts Bay
Transportation Authority**

**MBTA Construction Contract No. R44CN01:
Red Line Test Track**

Red Line/Orange Line Infrastructure Improvement Program

October 16, 2017



OVERVIEW

Today's board action will allow for the construction of the Red Line Test Track as part of the Red Line/Orange Line Infrastructure Improvements Program to support the acceptance of new Red Line Vehicles.





Red Line/Orange Line Improvement Program

Red Line

Orange Line

NEW VEHICLE PROCUREMENT PROGRAM

INFRASTRUCTURE IMPROVEMENTS
PROGRAM

SIGNALS UPGRADE PROJECTS

STATE OF GOOD REPAIR PROJECTS



Funding - Interagency Service Agreements (ISAs)

Red Line Orange Line Infrastructure Improvement Projects (Cost in Millions)	Thru FY2018 Obligation	FY2019 Obligation	FY2020 Obligation	TOTAL Obligation	Anticipated Construction Advertisement Date
Orange Line Test Track at Wellington Yard	\$7.81			\$7.81	✓ Mar. 2017
Wellington Yard Expansion-Tracks 33 to 38	\$22.27			\$22.27	✓ Oct. 2016
Wellington Maintenance Facility	\$86.95			\$86.95	✓ Mar. 2017
Wellington Yard-Zones A-B	\$49.21			\$49.21	Dec. 2017
Red Line Test Track	\$32.98			\$32.98	✓ Aug. 2017
Cabot Maintenance Facility	\$105.65			\$105.65	Feb. 2018
Cabot Yard Rebuild-Zones A-C	\$54.44			\$54.44	Feb. 2018
Signal Systems RL & OL Enhancements	\$3.40			\$3.40	May. 2017
RL/OL Program Level (PM/CM, OR & Project Admin.)	\$56.03	\$14.98		\$71.01	
Unallocated Contingency	\$27.82	\$8.82		\$36.64	
Total:	\$446.56M	\$23.80M		\$470.36M	



Construction Scope

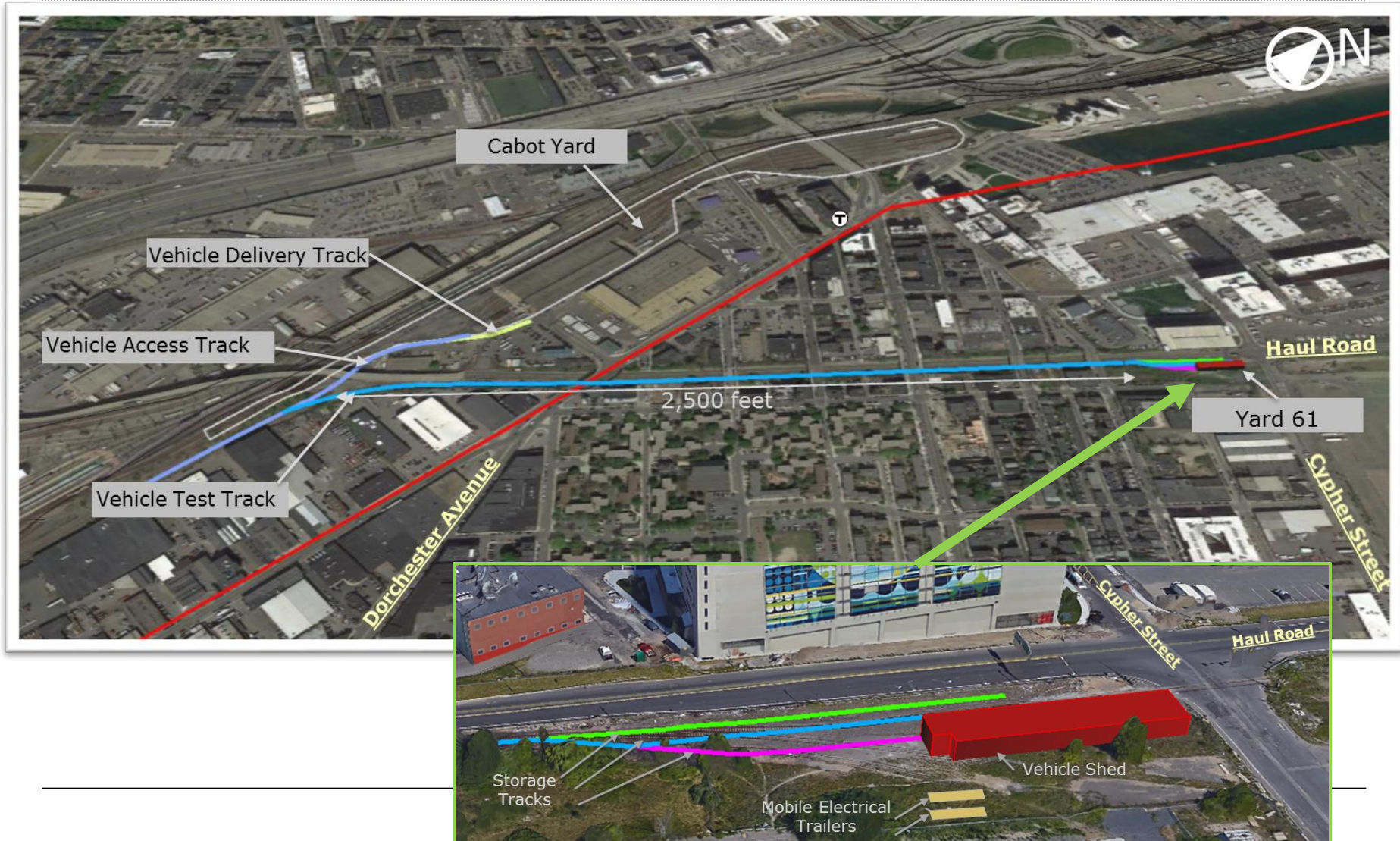
The project is to construct the Red Line Test Track in South Boston, improving the reliability of the new 252-car fleet by providing a designated area for dynamic and static testing the new vehicles.

The project includes:

- Replacement of the existing freight rail Seaport Track with transit rail along the South Boston Haul Road to just south of Cypher Street
- Connection of the test track to Cabot Yard
- Construction of a new 166-foot by 30-foot Vehicle Testing Facility (Shed) south of Cypher Street for the testing and commissioning of the new Red Line Vehicles.



Construction Project Overview





Construction Advertisement

- Project was advertised on August 29, 2017.
- Engineer's Estimate was \$29,065,331.
- Bid Opening was on October 11, 2017.
- Five (5) Bids were received

\$21,269,000	Barletta Heavy Division, Inc. (Low Bidder)
\$22,097,000	J.F. White Contracting Co.
\$22,668,300	JV: McCourt Transit
\$22,867,000	LM Heavy Civil Construction LLC
\$28,759,000	Railroad Construction Company

- Bid analysis has been completed.
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Request of the Fiscal and Management Control Board

Staff requests that the Fiscal and Management Control Board authorize the MBTA General Manager, or his designee, to award and execute MBTA Construction Contract No. R44CN01: **Red Line Test Track** for the Red Line/Orange Line Infrastructure Improvements Program with Barletta Heavy Division, Inc for an amount not to exceed \$21,269,000.