



**Massachusetts Bay
Transportation Authority**



MBTA Construction Contract No. R44CN03 Cabot Maintenance Facility – Various Maintenance Improvements

July 27, 2023

Capital Transformation



Capital Transformation | Red Line

Upgrade Red Line infrastructure to *support the new fleet*, giving riders higher capacity and more frequent service

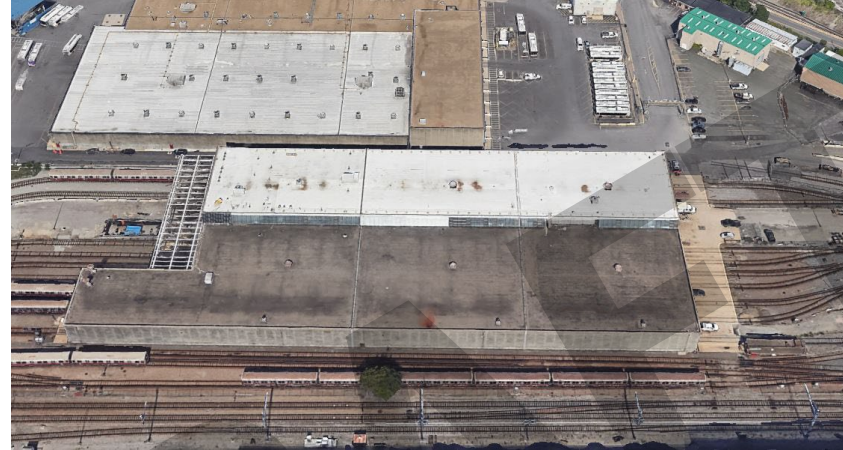
Levels of Transformation:

- Improved Safety and State of Good Repair
- Replacement of Legacy Fleets
- Increased Passenger Capacity
- Modernized Rider Experience
- Expansion of Service

Each level aims to improve reliability and the overall quality of service for all riders and communities served by the system



Contract Action



Today's board action will provide approval of the **Miscellaneous Improvements at Cabot Maintenance Facility** which will increase the MBTA's ability to adequately receive, test, commission, maintain and store the new Red Line Vehicles. Also, enables MBTA to address Maintenance Facility equipment nearing its end-of-life expectancy with replacements which will ensure the continuity of operations and minimize service impact on the Red Line.



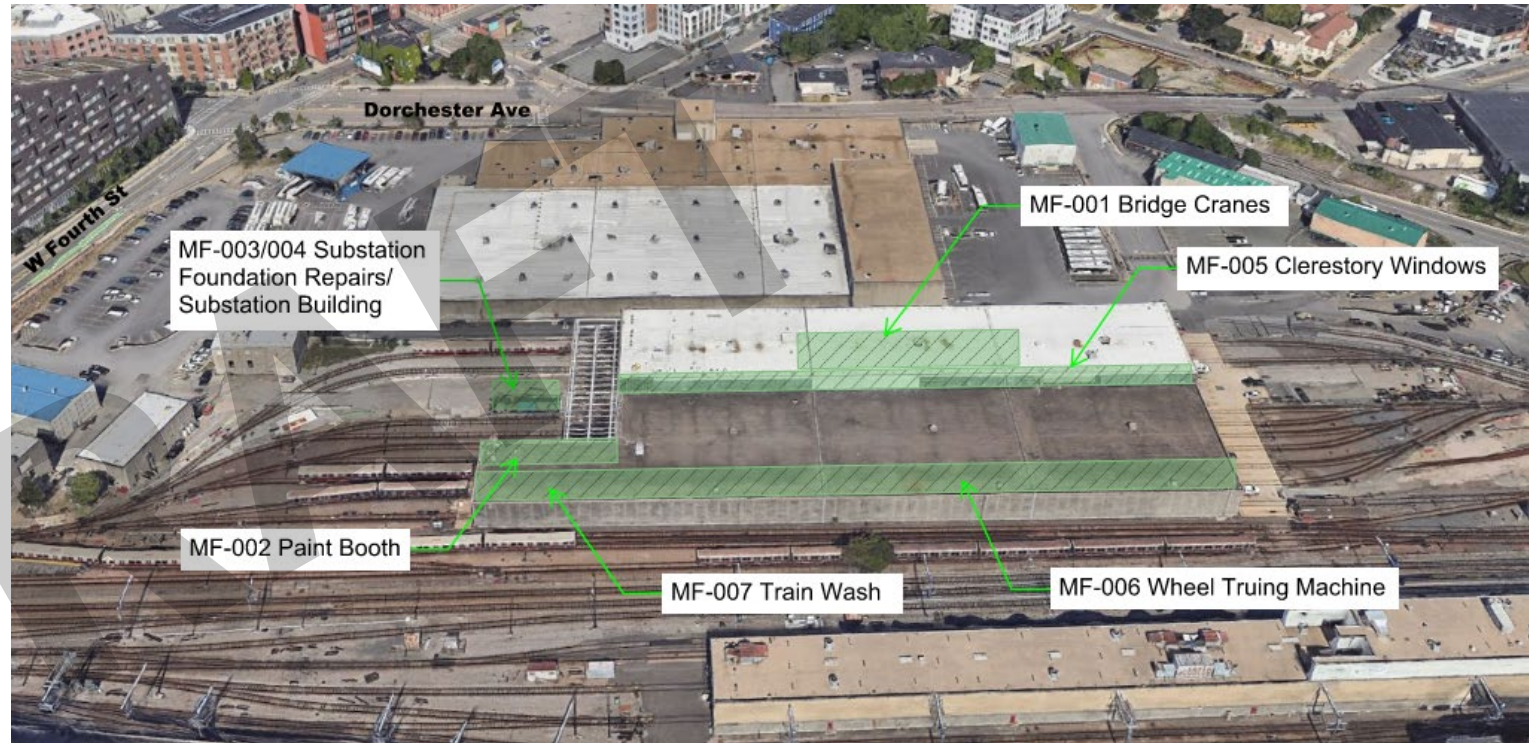
Project Overview | Improved Conditions

Planned Improvements

- Demolish and install two new (2) 7.5-ton cranes
- Demolish and install new paint booth
- Demolish and Install new train wash
- Demolish and install new wheel truing machine
- Repairs to substation foundation
- Install substation building
- New clerestory windows

Benefits

- ✓ State of Good Repair
- ✓ Improved Reliability
- ✓ Upgraded Safety
- ✓ Support New Vehicles



Proposed Misc. Improvements at Cabot VMF (looking East)



Construction Procurement

- Project advertisement: **March 1, 2023**
- Bid opening: **April 6, 2023**
- Three bids received:
 - \$ 18,875,000 Barletta Heavy Division, Inc
 - \$ 19,215,000 SPS New England, Inc.
 - \$ 20,954,000 Skanska USA Civil Northeast, Inc.

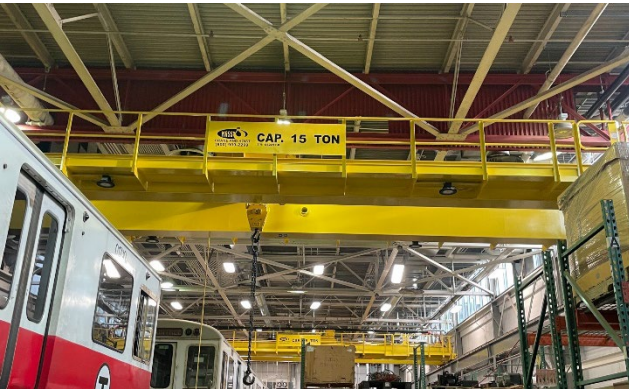
A bid analysis is completed and **Barletta Heavy Division, Inc.** is the recommended low responsible bidder. Contractors' prices reflect the current industry market to:

- Install specialized equipment – Only a limited number of manufacturers are qualified.
- Secure specialized labor force to install, test and commission equipment

The project is funded from the overall Cabot Yard Improvements total project budget of \$142.7M.



Board Action | Cabot Yard Procurement



To recommend that the MBTA Board of Directors authorize the MBTA General Manager to award and execute MBTA Contract No. R44CN03: Miscellaneous Improvements at Cabot Maintenance Facility Project with **Barletta Heavy Division, Inc.** for an amount not to exceed **\$18,875,000.00**, with a contract duration of 557 days after Notice-to-Proceed.

