



**Massachusetts Bay
Transportation Authority**

NORTH CAMBRIDGE BATTERY ELECTRIC BUS FACILITY MODIFICATIONS

CONSTRUCTION PROGRESS UPDATES



MBTA CONTRACT NO. R53CN03 | CAMBRIDGE TRANSIT ADVISORY COMMITTEE | 5.02.2024

Project Team

MBTA Capital Delivery – Transit Group

- John Schwarz - Acting Deputy Chief of Transit Programs
- Jim Caroselli - Senior Director Transit Station and Facilities
- Sheryl Diaz - Senior Project Coordinator
- Kayla Lang - Resident Engineer
- Greg McNally - Senior Project Manager

Project Contractor

- J.F. White
- Awarded \$27.3M construction contract on 11/20/2023

Project Engineer

- WSP



Project Scope Review

- Installation of 11 battery electric bus charging units
- Outside overhead gantry pantograph and plug in chargers inside the garage for 32 Buses
- 2 pad mounted transformers, low and medium switch gears
- Municipal utility connections
- Pavement resurfacing with ADA parking spaces
- Mobile generator, diesel dispenser, electrical upgrades for lighting, camera surveillance, IT room upgrades
- Fire protection upgrade and new suppression systems



Project Schedule

Contractor Notice to Proceed
November 20, 2023

Substantial Completion
October 24, 2025



Current Day
May 2, 2024

Final Completion
November 24, 2025



Project Location



2375 Massachusetts, North Cambridge Ave



Bus Facility Entrance – Massachusetts Ave



Project Overview – Before and After



Former Overhead Catenary Bus Facility



New Battery Electric Outdoor Charging Facility



Construction Progress – Overhead Catenary Pole Removal



Construction Progress – Underground Exploratory Activities



Construction Progress – Utility Connections



Construction Progress – Overhead Gantry Drill Shaft



Construction Progress – Gantry Drill Shaft Completion



Project New Proposed Conditions



Front view of bus charging stations



Rear view of bus charging stations



North Cambridge Project Questions?

THANK YOU!

