

NORTH CAMBRIDGE BATTERY ELECTRIC BUS FACILITY MODIFICATIONS

CONSTRUCTION PROGRESS UPDATES

MBTA CONTRACT NO. R53CN03 | CAMBRIDGE TRANSIT ADVISORY COMMITEE | 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

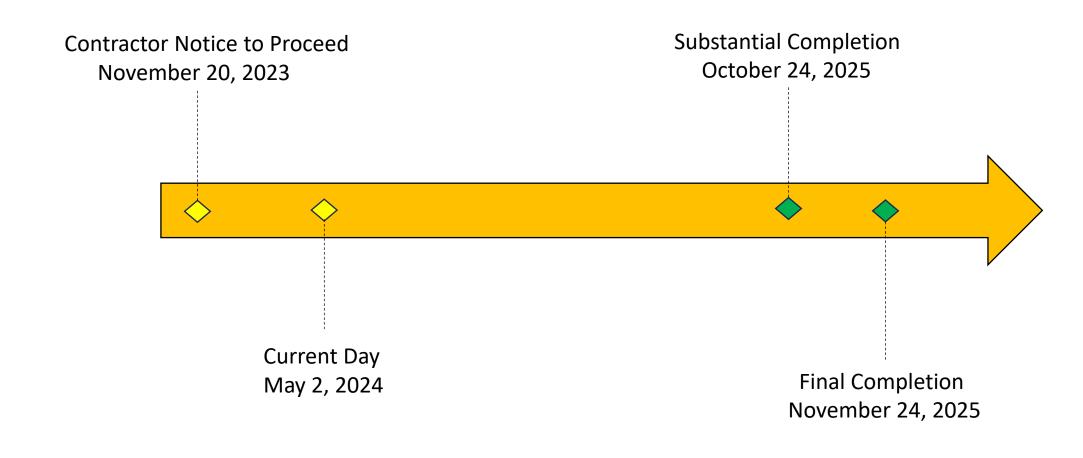
• WSP



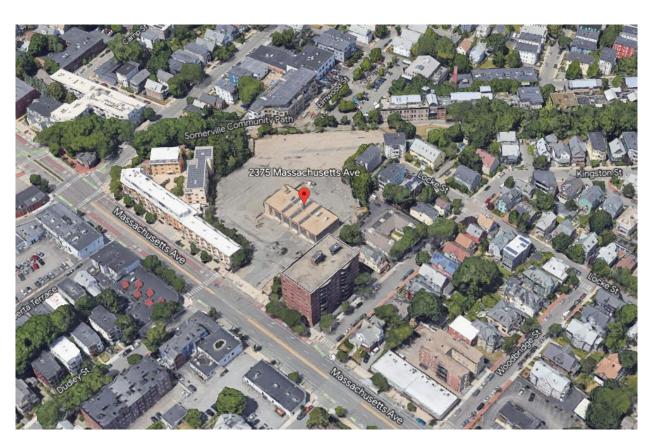
Project Scope Review

- 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



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



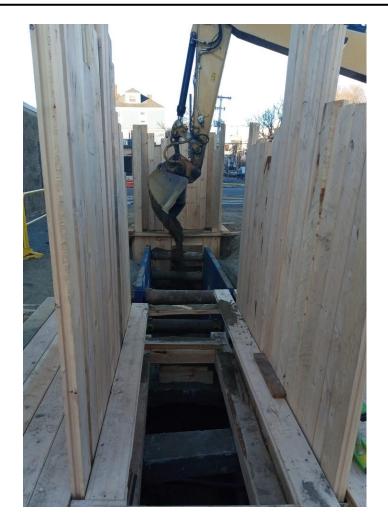


Construction Progress – Underground Exploratory Activities





Construction Progress – Utility Connections







Construction Progress – Overhead Gantry Drill Shaft







Draft for Discussion & Policy Purposes Only

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!

