



Massachusetts Bay Transportation Authority

MBTA Professional Services Contract No. R16PS01

MBTA Quincy Bus Maintenance Facility

Phases III-VI: 30%-100% Design, Bid and Construction Phase Services
Design Contract Award

Fiscal and Management Control Board

Steven Belanger, Capital Delivery

December 7, 2020

Project Benefits

- Meets MBTA's Bus Transformation Program initiatives to expand and modernize its aging network of bus maintenance facilities.
- Accommodates a future zero-emissions fleet of battery-electric buses (BEBs).
- Accommodates a larger fleet by providing storage and maintenance space for up to 135 buses along with supporting admin needs, in an all indoor facility.
- Expands the capacity of the system so we can add more buses and extra service, especially during peak periods.
- Provides a new facility that creates state-of-the-art, efficient work environments for our employees who keep the fleet clean and reliable.
- Becomes more resilient and sustainable with a roof solar array and LEED and Envision certification.
- Improves pedestrian circulation and safety.
- Replaces an existing, functionally obsolete bus facility, which is limited to 86 buses (cannot support fleet expansion), and can only accommodate oldest diesel buses in fleet, resulting in less reliable service and lower air quality on the Quincy routes.



Request of the Fiscal and Management Control Board

VOTED: That the General Manager be, and hereby is, authorized to execute, in the name of and on behalf of the Massachusetts Bay Transportation Authority (“MBTA”), and in a form approved by the General Counsel, a professional services contract (No. R16PS01) for certain design phase, bid phase, and construction phase services with **STV Incorporated** in connection with Phases III through VI of the MBTA Quincy Bus Maintenance Facility project, in an amount not to exceed **\$23,863,265.00.**



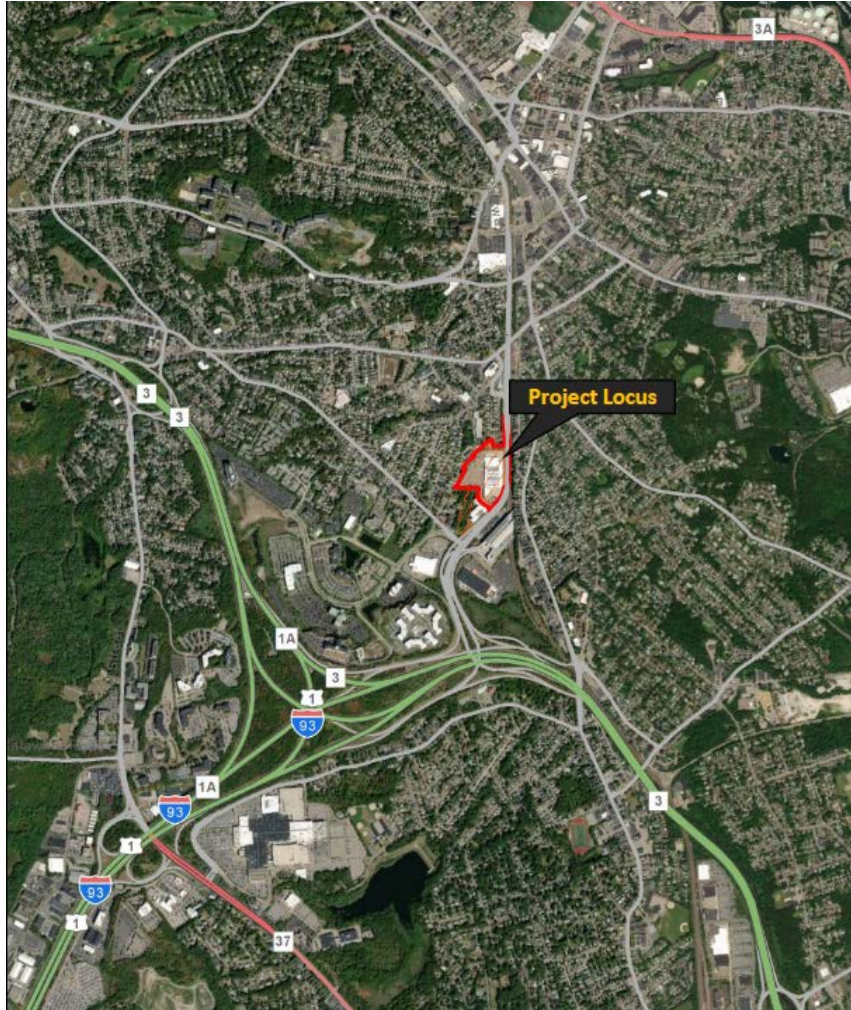


Appendix

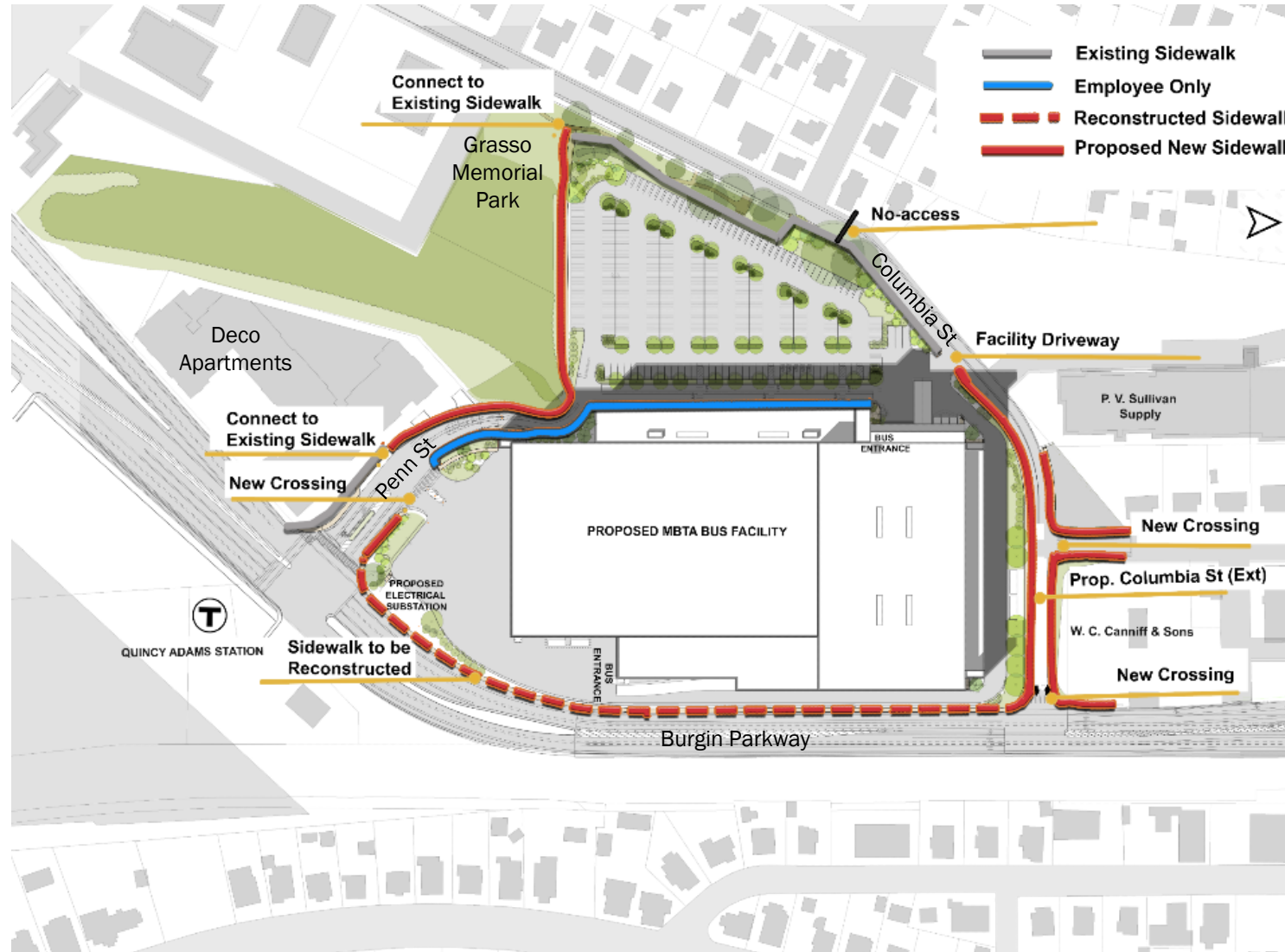
Project Details



Project Location



Site Plan



Proposed Site:

- 599 Burgin Pkwy
- 10.52 + Acres
- Primary Entry/Exit: Penn Street
- Secondary Entry/Exit: Columbia St. Ext.
- Indoor operations



Project Overview, Goals and Objectives

Existing facility has limitations and can only support oldest diesel buses in fleet. Oldest fleet expected to be retired within next several years.

- New facility at new Quincy location.
- Support larger fleet, and future fleets with battery electric buses.
- Aligns with objectives of MBTA's Bus Facility Modernization Program and fleet procurement plans and strategies.
- LEED and Envision Certification.
- Roof Solar Array.

former Lowe's view from Grasso Park



DRAFT Concept for Planning Purposes



Project Overview, Goals and Objectives

Provide swing space, a future transition to battery electric buses, and additional capacity to support future service growth.

- Store and maintain 120 buses (increase from current capacity of 86). Permit to allow for up to 135 buses. All indoor.
- 10ft wide shared-use path for pedestrians and bicycles, and pedestrian access to MBTA Station.
- Pedestrian safety improvements (crossings, signals, striping, sidewalks).
- New signalized intersection at Burgin/Columbia & Burgin/Penn improvements.

former Lowe's view from Deco Apartments



DRAFT Concept for Planning Purposes



Procurement and Project Milestones

- Qualifications Received: August 3, 2020 ✓
- Shortlist Selection: August 24, 2020 ✓
- Proposals Received: September 21, 2020 ✓
- Interviews Performed: September 28, 2020 ✓
- Consultant Selected: October 8, 2020 ✓
- **FMCB Presentation and Vote: December 7, 2020**
- Anticipated Professional Services Notice to Proceed: January 2021
- Anticipated Design Duration: 12 months
- Anticipated Construction Duration: 30 months (potential for early bid packages)
- Construction Goal: Substantial Completion in 2024



Public Engagement

- Next Public Meeting:
 - Virtual Public Meeting: December 16, 2020, 5:30 PM
- Previous Public Meetings:
 - MEPA ENF Scoping Session: September 21, 2020, 10:00 AM
 - Virtual Public Meeting: June 24, 2020, 5:30 PM
- MBTA Project Website: www.mbta.com/quincybus

