

Information for Industry  
Y42CN01– Red Line Hi-Rail Access Tunnel  
Design Build

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March 18th, 2026 – 11:00 AM

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# Agenda

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

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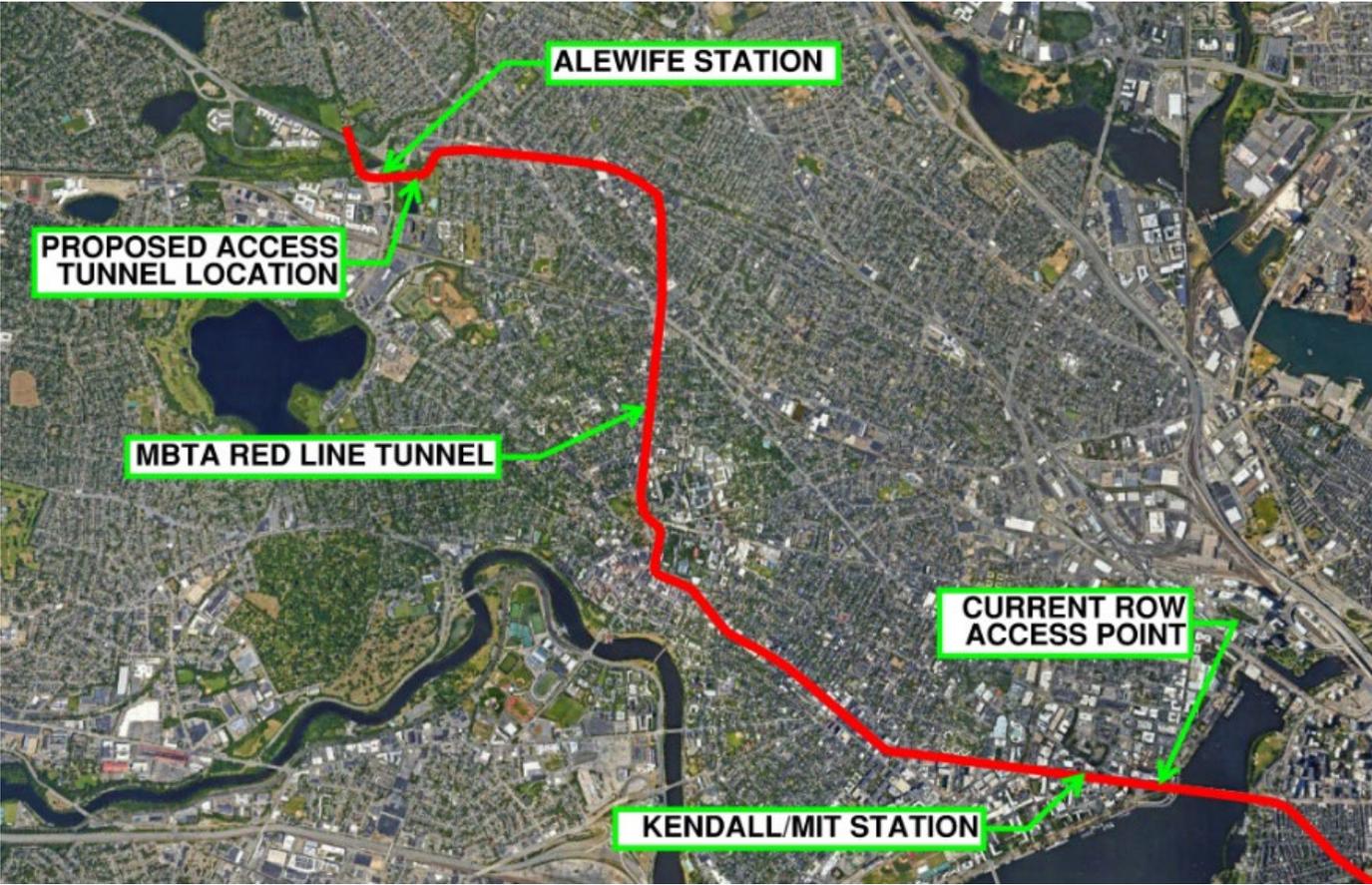
- Project Purpose
- Project Overview
- Project Design Overview
- Project Construction Overview
- Design Build Procurement
- Working with MBTA

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\*This session is being recorded*



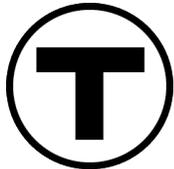
# Project Purpose

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)



RL Tunnel Map

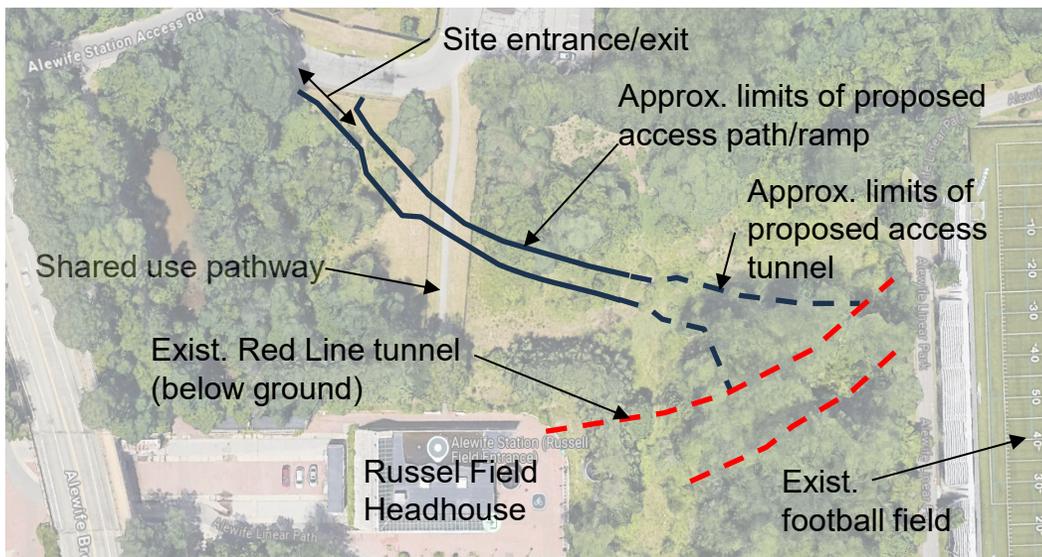
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# Project Overview

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

- Scope: Install temporary support of excavation, excavate, construct tunnel, backfill, break into existing tunnel
- Site Conditions: Mostly vegetated with existing shared use pathway
- Constraints: Contaminated soil, privately owned land (IQHQ) with MBTA easement, limited entrance/exit limited track access, limited staging and laydown area



Site Plan View



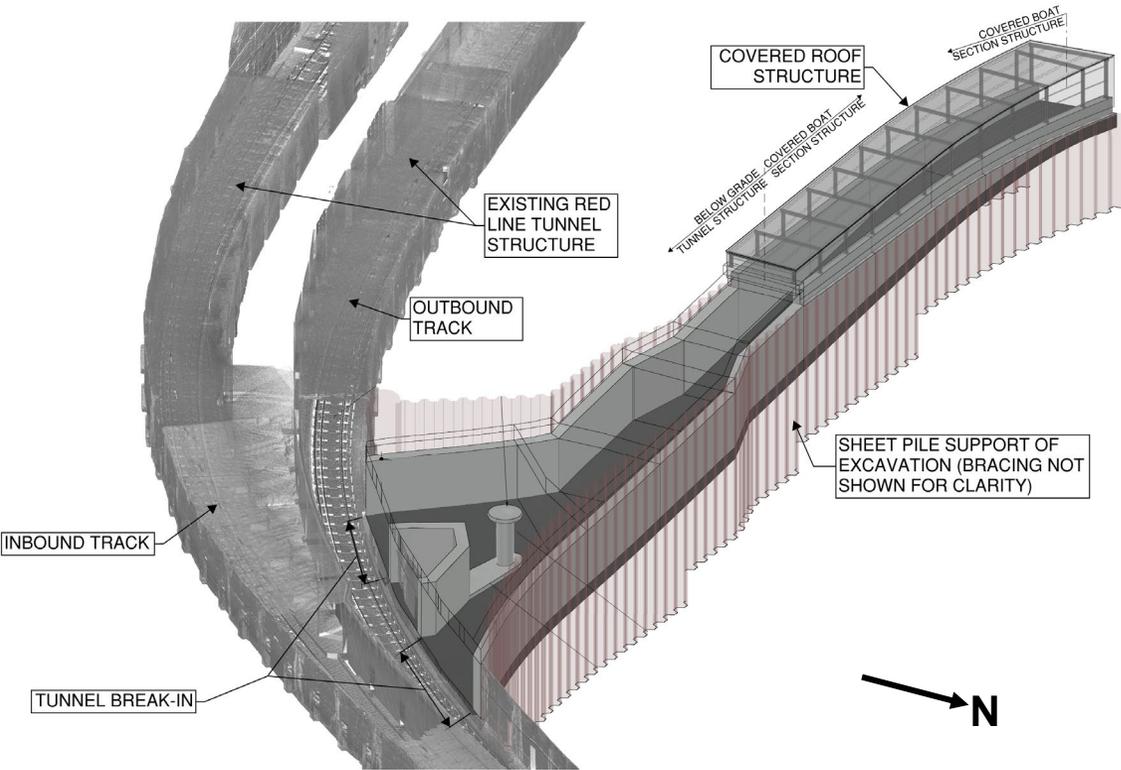
Project Rendering

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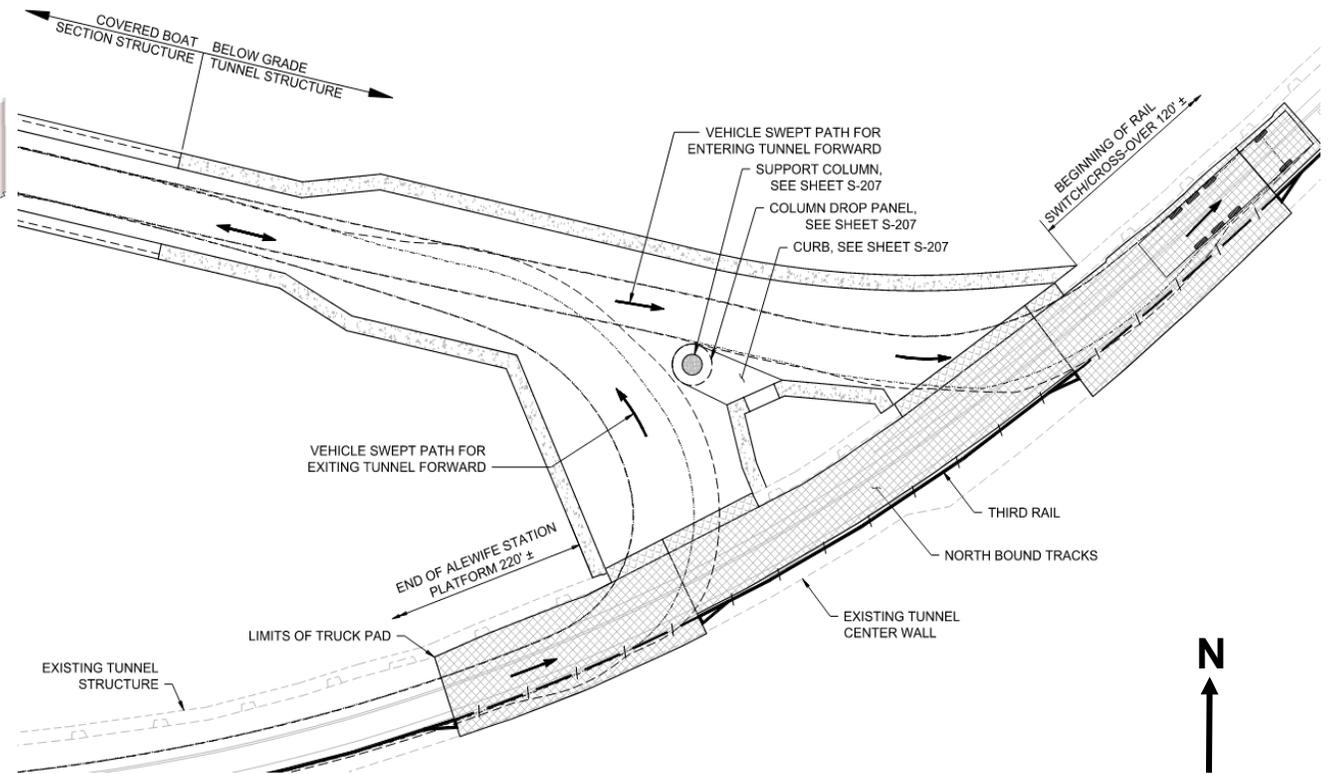


# Project Overview

## Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)



**Proposed Tunnel Rendering**



**Proposed Vehicle Swept Path**

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# Project Design Overview

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

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**Design Scope** includes (but is not limited to):

- **Civil/Site:** design of access layout/paving and grading that follows previously approved Notice of Intent (NOI) with the City of Cambridge Conservation Commission
- **Track design** of 3<sup>rd</sup> rail break and in-tunnel truck pad
- **Utility relocation** design of relocated utilities to facilitate tunnel break-in
- **Roadway and traffic** design for temporary diversions or stoppage as required
- **Drainage** design for drainage at-grade and in-tunnel
- **Electrical** design for lighting
- **Communications (non-signal)** design for CCTV cameras
- **Structural** design for ramp and tunnel structure and support of excavation system
- **Geotechnical** design for wall load parameters and sub-grade support requirements
- **Landscape** design that does not deviate from the previously approved NOI
- **Code Compliance** review for NFPA 130 and other applicable codes and guidelines

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# Project Construction Overview

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

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- **Construction Details** includes (but is not limited to):

## Normal business hours:

- Installation of support of excavation system with de-watering as needed and excavation per Draft Release Abatement Measure Plan (RAM) Plan
- Construction of cast-in-place concrete ramp and tunnel structure dowelled into existing tunnel
- Installation of steel framed ramp covered structure
- Final grading/paving
- Final landscaping

## Limited track access (combination of night orders and outages):

- Relocation of existing utilities in area of proposed break-in
- Demolition of existing tunnel walls for opening
- Installation of truck pad with 3<sup>rd</sup> rail break

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# Project Construction Overview

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

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- **Construction Logistics** includes (but is not limited to):
  - Material procurement
  - Coordination with MBTA for Flaggers and Force Account
  - Coordination with the City of Cambridge for Traffic Management and Construction Permits
  - Coordination with the City of Cambridge for Staging and Laydown of materials and equipment
  - Temporary Accessible Paths of Travel and Wayfinding Signage
  - Construction Signage and Work Zone delineation

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# Anticipated Key Personnel

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

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- Project Manager
- Design Manager (Principal Engineer)
- Construction Manager
- Quality Program Manager (for design and construction)
- Design Quality Control Manager
- Construction Quality Control Manager
- Safety Manager
- Environmental Manager
- Licensed Site Professional
- Lead Structural Engineer
- Lead Geotechnical Engineer
- Lead Track Engineer
- Lead Electrical Engineer

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# Anticipated Procurement Schedule

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)

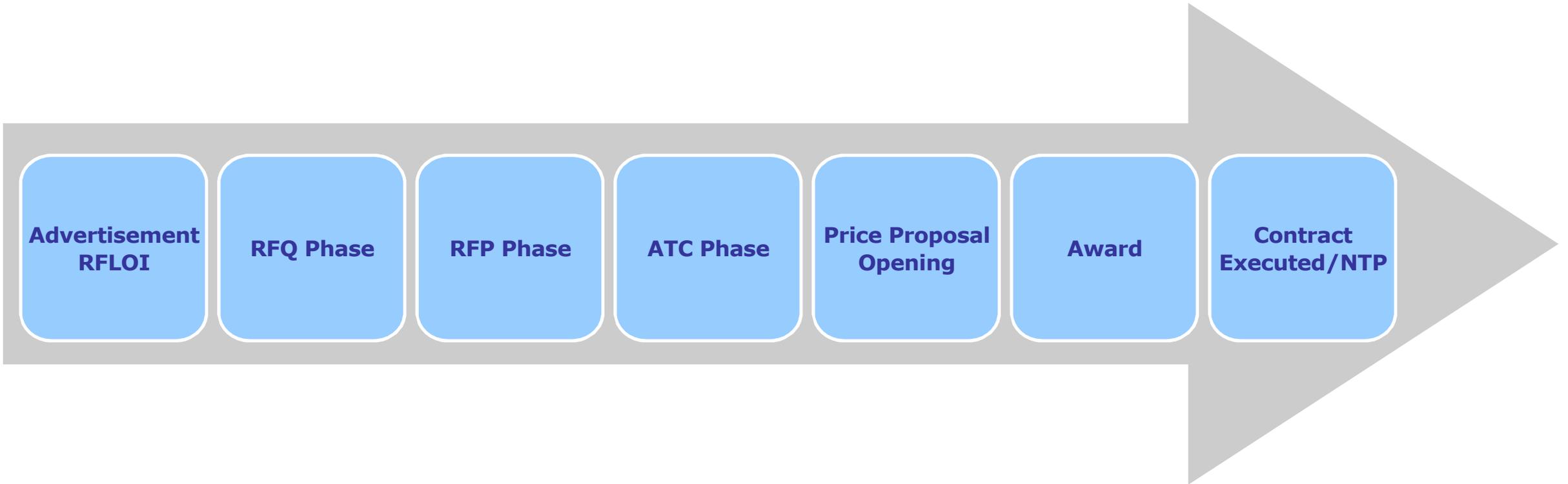
Event	Date
Request for Letters of Interest (“RFLOI”)	April 2026
RFQ issued	May 2026
Virtual Informational Meeting	May 2026
SOQ Due Date	June 2026
Shortlist/RFP Issued	June 2026
Alternative Technical Concept Process	August/September 2026
DB Contract Award	January 2027
Notice to Proceed	February 2027

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# Procurement Schedule

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Approximate duration = 11 months

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# Design Build Procurement – Working with MBTA

Y42CN01 – RL Hi-Rail Access Tunnel (RHAT)



[https://bc.mbta.com/business\\_center/bidding\\_solicitations/company\\_profile/Default.asp?action=add](https://bc.mbta.com/business_center/bidding_solicitations/company_profile/Default.asp?action=add)

Register your company with the MBTA to receive notifications of upcoming projects.

### Add New Company Profile

Registration on this form allows you to be aware of MBTA's [Materials Management](#) and [Design and Construction](#) procurement opportunities. If you wish to update your payment contact information, please contact the Accounts Payable Department (10 Park Plaza Boston, MA 02116 | Fax: (617) 222-3389). Please ensure that your contact information, including email address, remains current.

Please ensure that your contact information, including email address, remains current.

All text input must be in English.

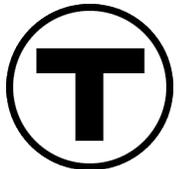
Fields with an asterisk (\*) are required.

Business Name*	<input type="text"/>
Contact Name*	<input type="text"/>
Address*	<input type="text"/>
City*	<input type="text"/>
State*	Massachusetts <input type="button" value="v"/> If not within United States, enter county or region:
Zip Code*	<input type="text"/>
Phone Number*	<input type="text"/> e.g. 123-123-1234
Fax Number	<input type="text"/>
E-mail*	<input type="text"/>

\*Email will be used as your User ID when logging in to the Business Center.

<b>Construction</b>		
<input type="checkbox"/> 0. Hard/Software	<input type="checkbox"/> 6. Wood & Plastics	<input type="checkbox"/> 12. Furnishings
<input type="checkbox"/> 1. Gen. Req.	<input type="checkbox"/> 7. Thermal/Moisture	<input type="checkbox"/> 13. Special Constr.
<input type="checkbox"/> 2. Site Constr.	<input type="checkbox"/> 8. Doors & Windows	<input type="checkbox"/> 14. Conveying Sys.
<input type="checkbox"/> 3. Concrete	<input type="checkbox"/> 9. Finishes	<input type="checkbox"/> 15. Mechanical
<input type="checkbox"/> 4. Masonry	<input type="checkbox"/> 10. Specialties	<input type="checkbox"/> 16. Electrical
<input type="checkbox"/> 5. Metals	<input type="checkbox"/> 11. Equipment	
<b>Professional Services</b>		
<input type="checkbox"/> Administrative	<input type="checkbox"/> Electrical Engineer	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Architect	<input type="checkbox"/> Engineer	<input type="checkbox"/> Signal Engineers
<input type="checkbox"/> Building Envelope	<input type="checkbox"/> Engineering Technician	<input type="checkbox"/> Site Engineers
<input type="checkbox"/> CAD/CADD Experts	<input type="checkbox"/> Estimators	<input type="checkbox"/> Soils Engineers
<input type="checkbox"/> Catenary/Electrification	<input type="checkbox"/> Geologists	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Graphic Designers	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Civil Engineer	<input type="checkbox"/> Hydrologic/Hydraulic Engineer	<input type="checkbox"/> Surveyors
<input type="checkbox"/> Construction Engineer	<input type="checkbox"/> Hydrologist	<input type="checkbox"/> Systems Engineers/ITS
<input type="checkbox"/> Construction Inspector	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Telecommunications
<input type="checkbox"/> Consultant	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Track Engineers
<input type="checkbox"/> Data Processing Experts	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Transportation Engineers
<input type="checkbox"/> Draftsmen	<input type="checkbox"/> Mining Engineer	<input type="checkbox"/> Value Engineers
<input type="checkbox"/> Ecologist	<input type="checkbox"/> Oceanographers	
<input type="checkbox"/> Ecologist/Environmentalist	<input type="checkbox"/> Planner, Urban/Regional	
<input type="checkbox"/> Economist	<input type="checkbox"/> Plumbing Engineers	
<b>Materials Management</b>		
Materials Management (Parts/Supplies) <input type="radio"/> GOODS <input type="radio"/> SERVICES <input checked="" type="radio"/> BOTH		
<input type="checkbox"/> Catenary / Electrification	<input type="checkbox"/> Communication Equipment	<input checked="" type="checkbox"/>
<input type="checkbox"/> Construction Equipment	<input type="checkbox"/> Electrical Equipment	<input checked="" type="checkbox"/>
<input type="checkbox"/> Environmental Equipment	<input type="checkbox"/> Fuel	<input checked="" type="checkbox"/>
<input type="checkbox"/> Fuel Equipment	<input type="checkbox"/> Heavy Equipment	<input checked="" type="checkbox"/>
<input type="checkbox"/> Information Technology Equipment	<input type="checkbox"/> Office Supplies & Printing	<input checked="" type="checkbox"/>
<input type="checkbox"/> Oils & Lubricants	<input type="checkbox"/> Plumbing / HVAC	<input checked="" type="checkbox"/>
<input type="checkbox"/> Revenue Operations Equipment	<input type="checkbox"/> Revenue Vehicles (Boats)	<input checked="" type="checkbox"/>
<input type="checkbox"/> Revenue Vehicles (Buses)	<input type="checkbox"/> Revenue Vehicles (Bus Heavy Rail...)	<input checked="" type="checkbox"/>
<input type="checkbox"/> Safety Equipment	<input type="checkbox"/> Signal Equipment	<input checked="" type="checkbox"/>
<input type="checkbox"/> Track / Rail & Right of Way	<input type="checkbox"/> Uniforms	<input checked="" type="checkbox"/>
<input type="checkbox"/> Utilities & Power Equipment	<input type="checkbox"/> Vehicles	<input checked="" type="checkbox"/>
<input type="checkbox"/> Other Equipment/Materials/Parts	<input type="checkbox"/> Hazardous Waste removal & disposal	<input checked="" type="checkbox"/>
<input type="checkbox"/> Paved/Track Facility Security/Hardening/RF	<input type="checkbox"/> Administrative Services	<input checked="" type="checkbox"/>

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# Design Build Procurement – Working with MBTA

Company Registration-Bid Express

Bid Express®

<https://www.bidexpress.com/businesses/83754/home>



[Click here](#) to enable notifications for Massachusetts Bay Transportation Authority (MBTA) - Capital Programs Division



Massachusetts Bay Transportation Authority (MBTA) - Capital Programs Division

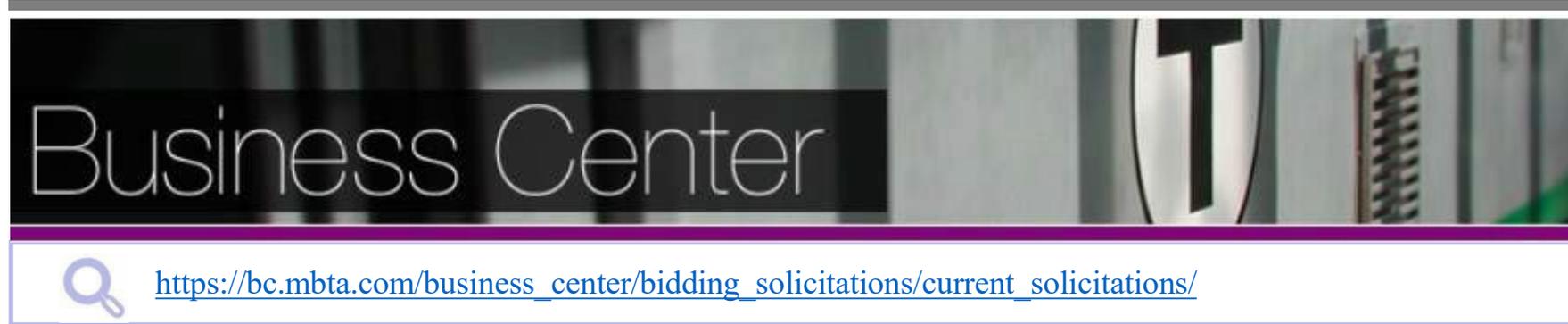
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# Design Build Procurement – Working with MBTA

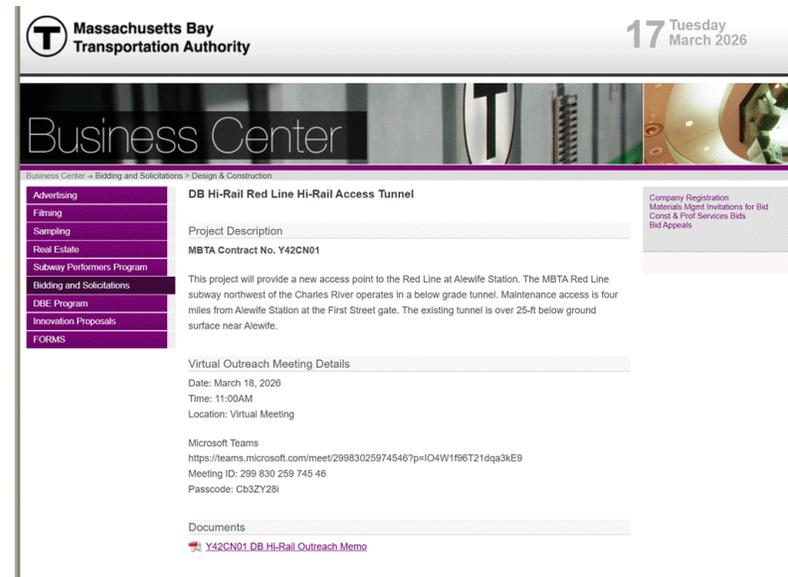
Upcoming and Current Projects



Business Center

[https://bc.mbta.com/business\\_center/bidding\\_solicitations/current\\_solicitations/](https://bc.mbta.com/business_center/bidding_solicitations/current_solicitations/)

This project is posted to our website and is updated to reflect the most recent information



Massachusetts Bay Transportation Authority

17 Tuesday March 2026

Business Center

Business Center - Bidding and Solicitations - Design & Construction

- Advertising
- Filing
- Sampling
- Real Estate
- Subway Performers Program
- Bidding and Solicitations**
- DBE Program
- Innovation Proposals
- FORMS

### DB Hi-Rail Red Line Hi-Rail Access Tunnel

Project Description

MBTA Contract No. Y42CN01

This project will provide a new access point to the Red Line at Alewife Station. The MBTA Red Line subway northwest of the Charles River operates in a below grade tunnel. Maintenance access is four miles from Alewife Station at the First Street gate. The existing tunnel is over 25-ft below ground surface near Alewife.

Virtual Outreach Meeting Details

Date: March 18, 2026  
Time: 11:00AM  
Location: Virtual Meeting

Microsoft Teams  
<https://teams.microsoft.com/meet/299830259745467p=104W196T21dqa3KE9>  
Meeting ID: 299 830 259 745 46  
Passcode: Cb3ZY28l

Documents

- Y42CN01 DB Hi-Rail Outreach Memo

Company Registration  
Materials Mgmt Invitations for Bid  
Const & Prof Services Bids  
Bid Appeals

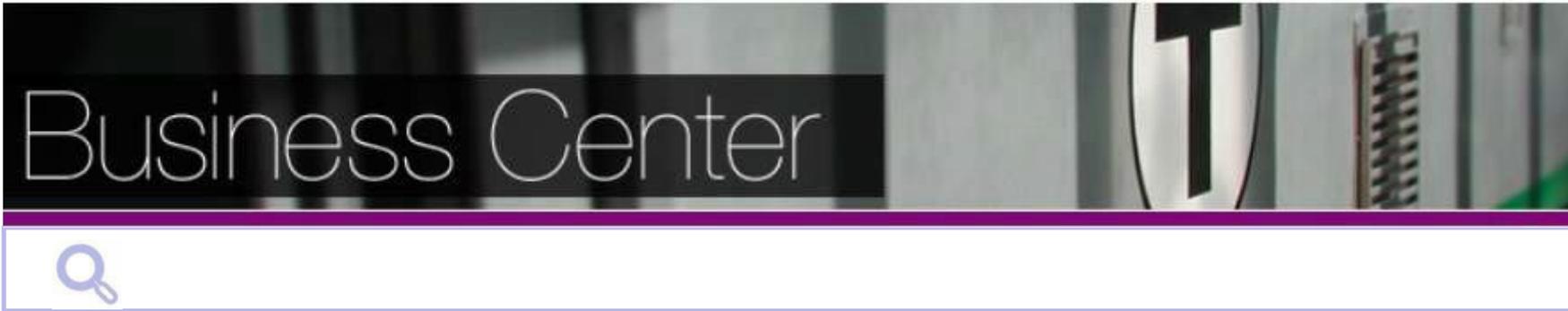
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# Design Build Procurement – Working with MBTA

## Helpful Links

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### Capital Programs

- [Design Build Manual](#)
- [Engineering](#)
- [Change Order Manual](#)
- [MBTA Standard Specs](#)

### Design Build Statute

[Mass General Law 149A Section 14](#)

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# Questions

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- Any questions/clarification: Please email: [altdelivery@mbta.com](mailto:altdelivery@mbta.com)

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