



**Massachusetts Bay
Transportation Authority**

North Station Draw One Brief Program Update and H32PS03, Program Management / Construction Management (PM/CM) Contract for the North Station Draw One Bridge Replacement Project

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North Station Draw One | Program Brief Update

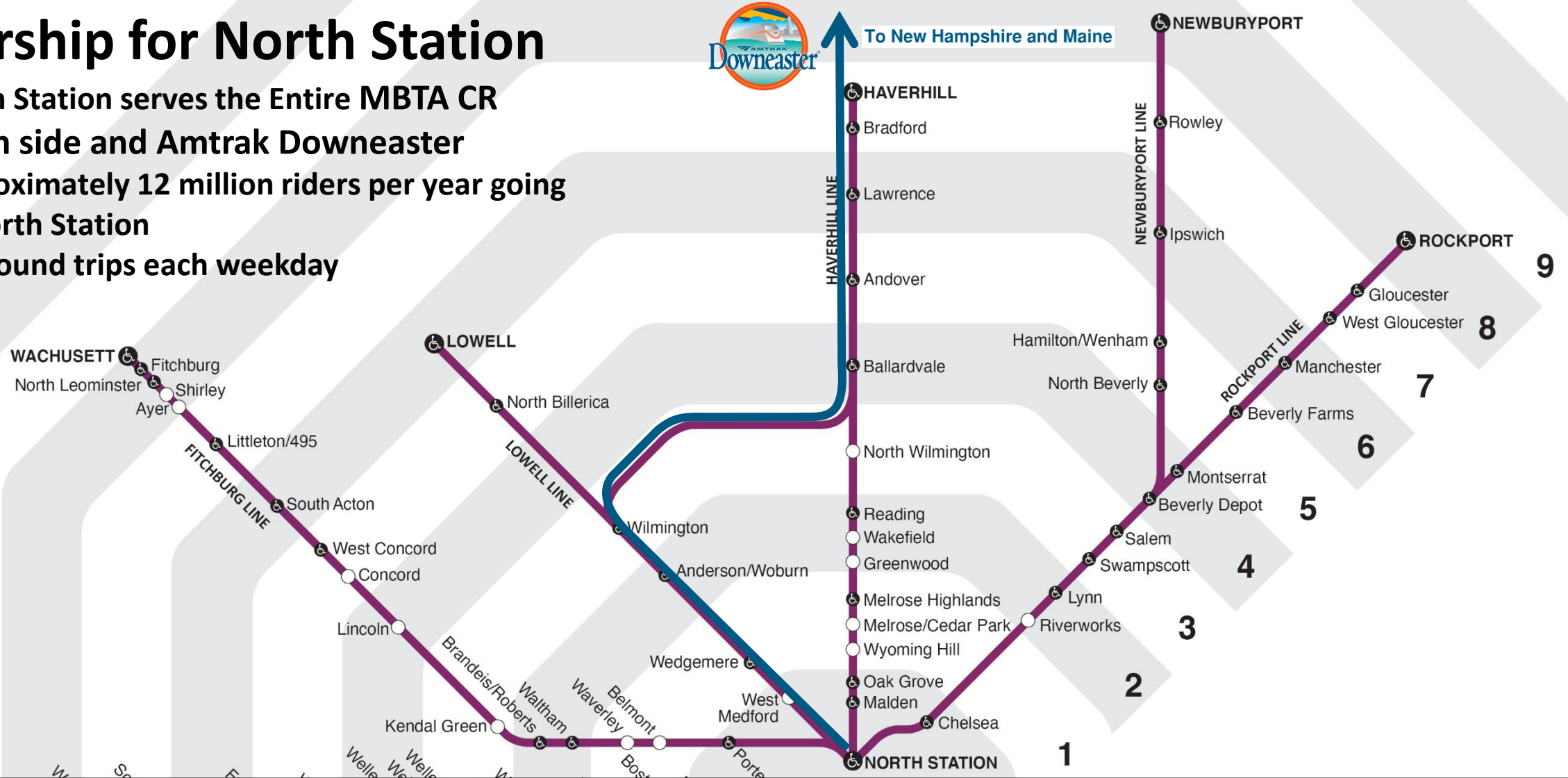


North Station Draw One | *Need is Public Use*



Ridership for North Station

- North Station serves the Entire MBTA CR north side and Amtrak Downeaster
- Approximately 12 million riders per year going to North Station
- 100 round trips each weekday



Draft for Discussion & Policy Purposes Only

North Station Draw One | *Project Goals*

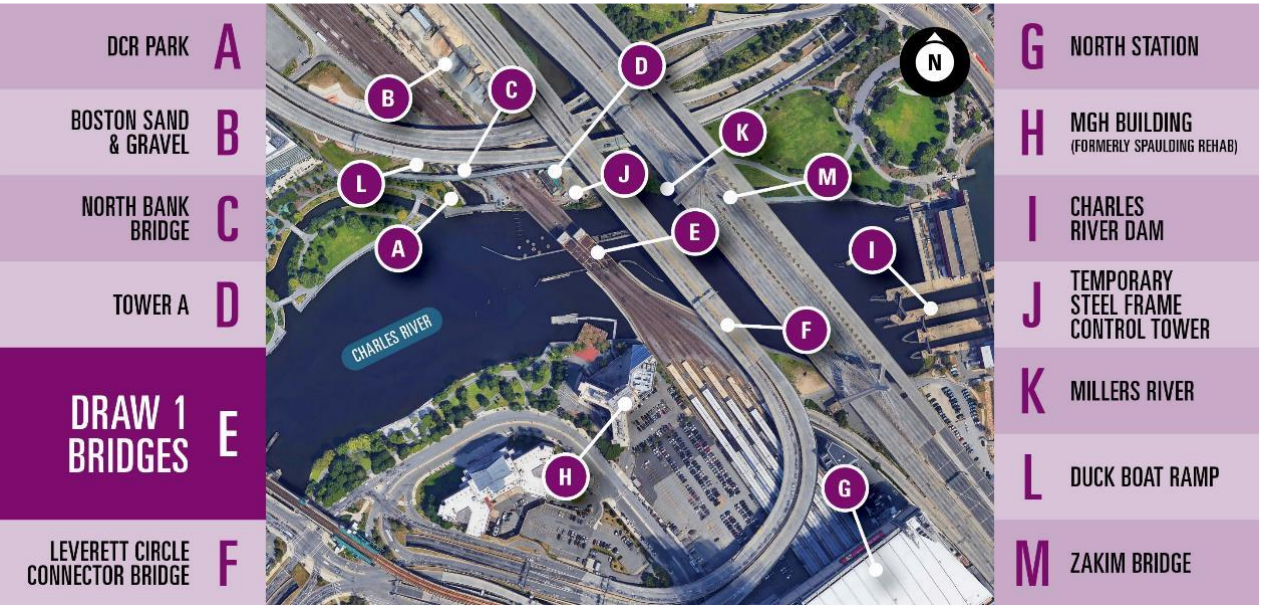


Maintains public safety and revenue service during construction

- Modernize signal system
- Improve track availability in North Station by extending a platform and adding 2 tracks
- Enable more operational flexibility for north corridor
- Improve service reliability by accommodating more frequent trains
- This program is vital to maintain the current service as well as to improve service in the future



North Station Draw One | Existing Conditions



SITE CONSTRAINTS



PROJECT LIMITS



North Station Draw One | Scope

Replace 2 existing drawbridge structures with 3 new vertical lift span bridges.

Replace north and south approach trestles.

Replace the original (not in use) signal tower and temporary control tower with a new Tower A bldg to operate the new lift bridges.

Restore 2 track connections at North Station with the extension of Platform F and Station Tracks 11 & 12.

Replace and re-align existing track and signals,

Extend reconstructed track approximately 1.5 miles north of North Station.

Deliver the project safely, on schedule and within budget.



North Station Draw One | Timeline



Nov. 2019 – Jan. 2023: Progressed Conceptual & Preliminary Design

Mar. 2023 – Jan. 2025: NEPA Environmental Assessment with FTA

Finding of No Significant Impact (FONSI) Issued 1/17/25



9/23/24

MBTA Awarded \$472M USDOT MEGA Grant To Replace NS Draw One Bridges



11/18/24

Nationwide RFI & Industry Forum Event



1/29/25

MBTA Alternative Delivery Review Committee voted to utilize Design Build to Deliver the Draw One Program



Funding

- \$1.2B authorized in CIP (P0018)
- \$45M under contract
- \$472M USDOT Grant Award
\$283M Obligated (FY25); \$189M (FY26)

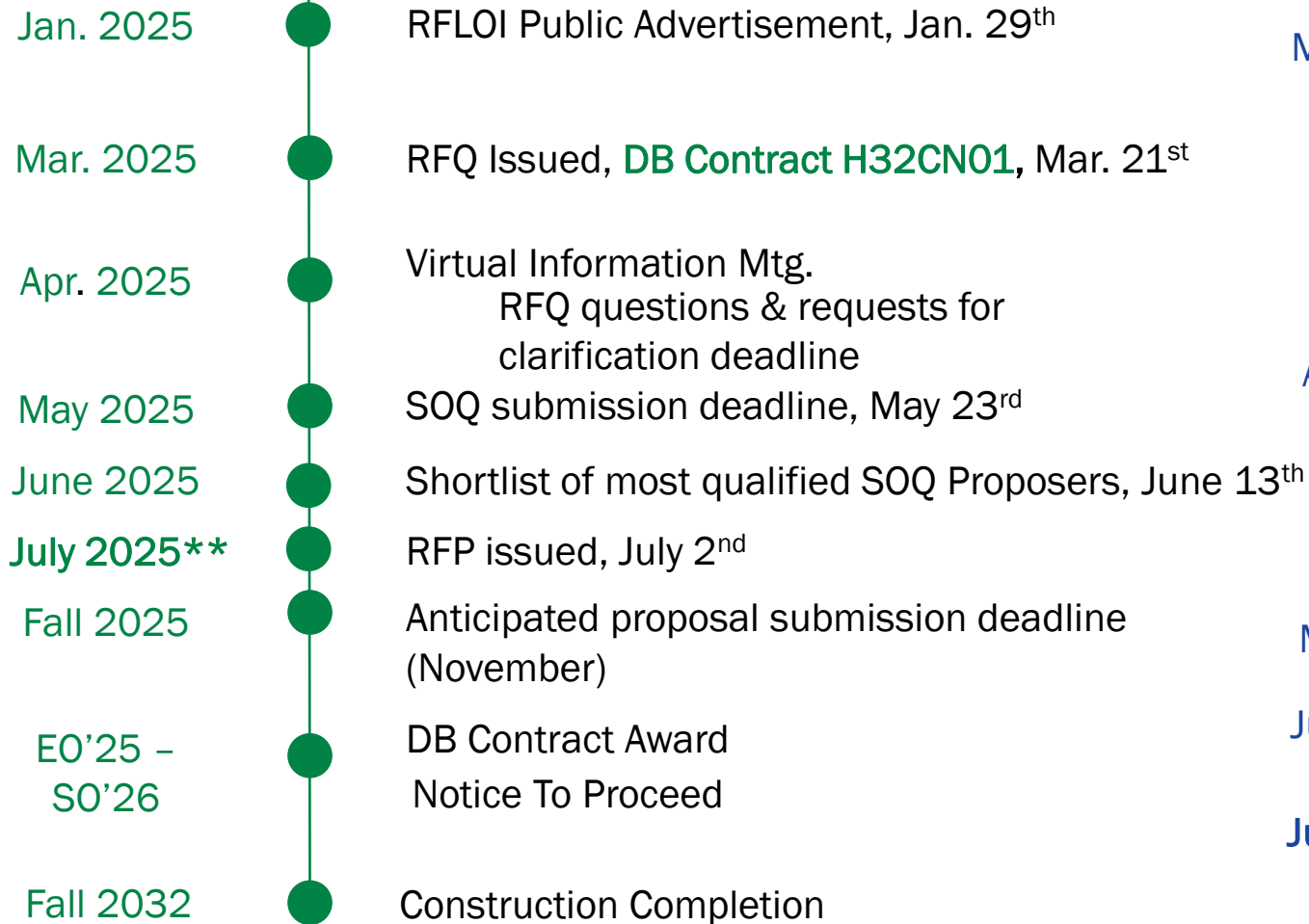


Schedule

- Initial estimate: 6.5 years based on DB
- Minimum interruption to CR services.

North Station Draw One | Procurement Schedule

Design Build Contract



PM/CM Contract



Contract H32PS03 Information



Today's presentation will provide background information on procuring contracted Program Management / Construction Management (PM/CM) professional services for the **North Station Draw One Bridge Replacement Program**, through MBTA Contract No. **H32PS03**, which will include the following services: Program support in the areas of Safety, QA/QC, project controls, contract administration, community outreach, and environmental; construction management including field engineering and inspection. The PM/CM Services will supplement the MBTA North Station Draw One Management Team and act as an integrated project office.

PM/CM Expertise in Construction/Delivery of the Draw One Program

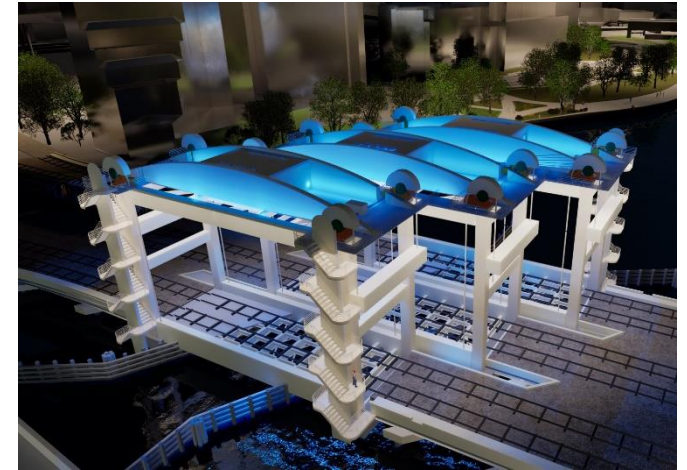
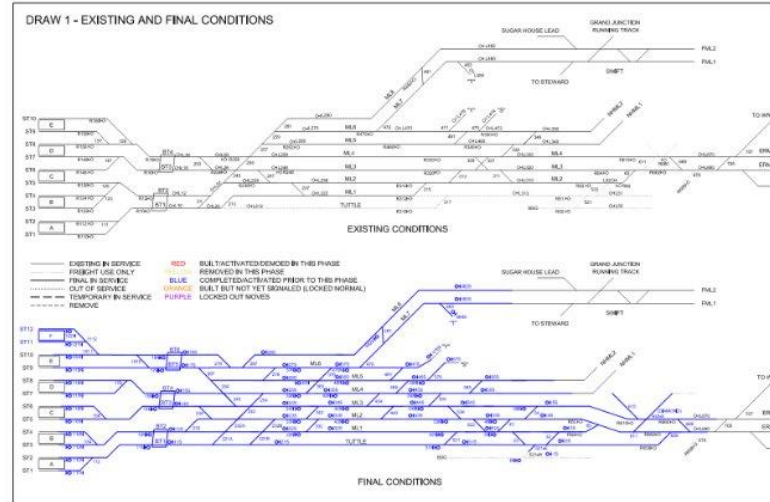
Primary Disciplines

- Construction Management of complex moveable bridges
- Complex Rail Operations and realignment construction interface
- Signal and System Integration expertise
- Scheduling Expertise and Risk

Management

Benefits

- ✓ State of Good Repair For Bridges and Track / Signal Infrastructure
- ✓ Improved Reliability
- ✓ Increased Safety
- ✓ Operations Maintained on CR System North Side for next 75 yrs



Board Action | PM/CM Services for the NS Draw One Bridge Replacement Program

To authorize the MBTA General Manager or his designee, to award MBTA Contract No. H32PS03 “Program Management / Construction Management (PM/CM) Services for the North Station Draw One Bridge Replacement Program” in the amount of **\$61,600,000**, with a contract duration of seven (7) years from the issuance of a Notice-to-Proceed, to **HDR, Inc.**, and to execute said contract.

