



CAPITAL 
TRANSFORMATION
A Division of Capital Programs

Codman Yard Expansion and Improvements

***Virtual Pre-Construction
Public Meeting***

October 13, 2022

Meeting Overview | *Diversity and Civil Rights*



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Tất cả các hoạt động của MBTA, bao gồm các cuộc họp đại chúng, đều không có phân biệt đối xử. MBTA tuân thủ tất cả các yêu cầu về dân quyền của liên bang và tiểu bang – không để xảy ra tình trạng phân biệt đối xử dựa trên chủng tộc, màu da, nguồn gốc quốc gia, trình độ tiếng Anh hạn chế, và các đặc trưng được bảo vệ khác. Chúng tôi hoan nghênh tính đa dạng trong toàn bộ phạm vi dịch vụ của chúng tôi. Nếu quý vị có bất kỳ thắc mắc hay lo ngại nào, vui lòng truy cập www.mbta.com/titlevi để liên hệ Office of Diversity and Civil Rights (Văn phòng Đảm trách Đa dạng và Dân Quyền).

Meeting Overview | Language Accessibility

We offer interpretation during this meeting. In your meeting/webinar controls, click Interpretation (the small globe icon) and click the language that you would like to hear.

Spanish

Ofrecemos interpretación en español durante esta reunión. Para escoger el audio en Inglés o en Español tendrá que pulsar el botón de interpretación, el cual tiene un imagen de un mundo. Cuando pulse el botón de interpretación, por favor, escoja el idioma que le gustaria oír

Vietnamese

Chúng tôi cung cấp phiên dịch bằng Tiếng Việt trong cuộc họp này. Để chọn phần âm thanh bằng Tiếng Anh hoặc Tiếng Việt, quý vị phải nhấn nút phiên dịch có hình thế giới. Khi quý vị đã nhấn nút phiên dịch này, vui lòng chọn ngôn ngữ quý vị muốn nghe



Off

- ✓ EN English
- SP Spanish
- VN Vietnamese

Mute Original Audio

EN ^
English

Meeting Overview | *Closed Captions*

Click **Closed Caption** to start viewing closed captioning

- **Tip:** Click and drag the closed captioning to move its position in the meeting window

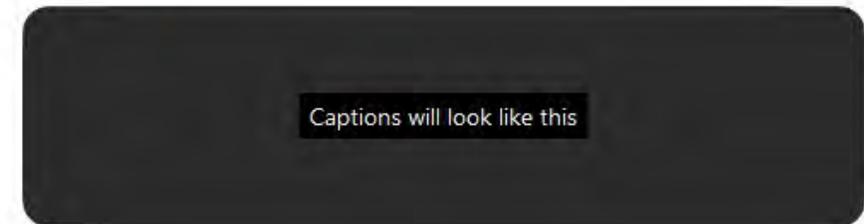
To adjust the caption size:

- Click the upward arrow next to **Start Video / Stop Video**
- Click **Video Settings** then **Accessibility**
- Move the slider to adjust the caption size



Closed Caption

Font Size: (14)
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Chat Display Size (Ctrl+/-)

100% ▾

SAFETY MOMENT

***Please stand behind
the yellow tactile
warning strip when
waiting to board.***

Ride Safer



Public Meeting Agenda | *Today's Meeting*

Purpose | *Communicate status of Codman Yard Construction Timeline*

1. **Capital Transformation**
2. **Codman Yard Project Overview**
3. **Construction Timeline & Milestones**
4. **Stakeholder Outreach and Engagement**
5. **Questions and Answers**



To improve the quality of service for MBTA riders and neighboring communities through strategic capital investments



Codman Yard Expansion and Improvements

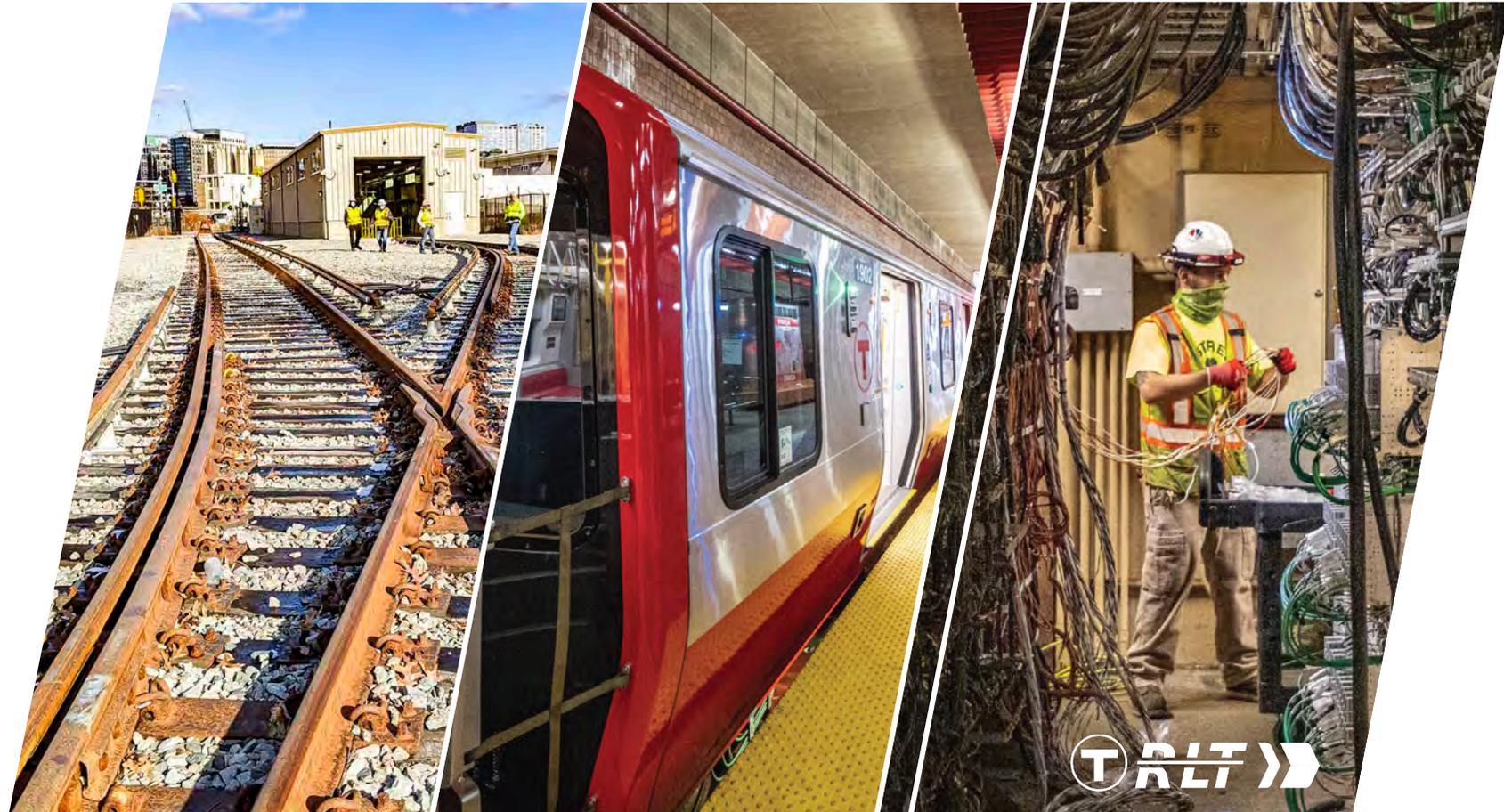


Upgrade Red Line infrastructure to support the **new fleet**, giving riders a higher capacity and more frequent service

Levels of Transformation:

- Improved Safety and State of Good Repair
- Replacement of Legacy Fleets
- Increased Passenger Capacity
- Modernized Rider Experience
- Expansion of Service

Each level aims to improve reliability and the **overall quality of service** for all riders and communities served by the system.





*Codman Yard Expansion
& Improvements*

**Project
Overview**



Red Line Yards | *Where Quality of Service Begins*



Enhancing Yard Capabilities

- **Clean & Maintain** trains proactively
- **Store** trains in a secure location
- **Deploy** daily service efficiently

...Improves Quality of Service for the Rider

- 🛡️ **Provide Cleaner & Safer Service**
- 🚆 **Increase Capacity & Frequency**
- 🕒 **Reduce Service Disruptions**

Project Overview | Improved Conditions



Planned Improvements

- Add six (6) new storage tracks
- Upgrade lighting
- Replace CCTV and security cameras
- Replace Rail lubricators
- Update infrastructure
- Improve fencing around Codman Yard

Benefits

- ✓ Increased Capacity
- ✓ Improved Reliability
- ✓ Reduced Noise & Light Pollution
- ✓ Upgraded Safety



*Codman Yard Expansion
& Improvements*

**Project
Improvements**

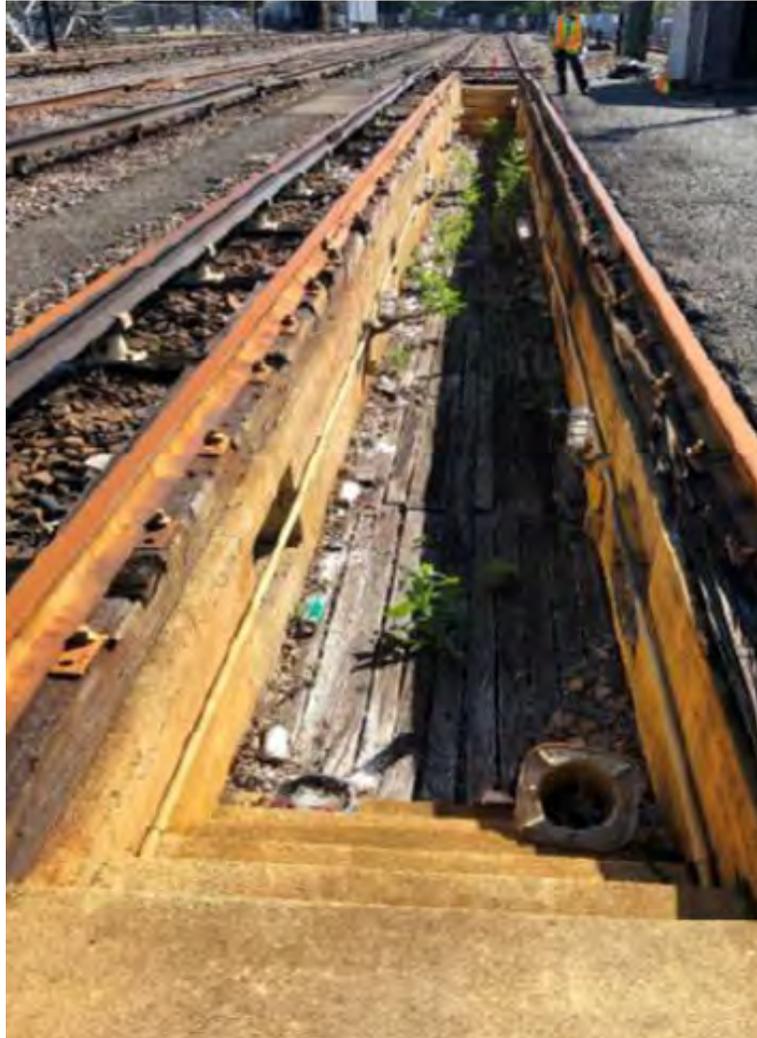


Project Overview | *Structural Improvements*

- Replace vehicle inspection pit
- Repair car wash structure

Benefits

- ✓ Provides safer & cleaner vehicles
- ✓ Reduce disruption to riders
- ✓ Safe work zone for employees



Inspection Pit Upgrades



Repairs to Car Wash

Project Overview | *General Improvements*

- Relocate Hillsdale Street entrance into the yard
- Upgrade Gallivan Boulevard entrance
- Replace grade crossings and yard walkways
- New yard drainage system
- Soil/Debris Pile Removal

Benefits

- ✓ Improved safety and accessibility into the yard
- ✓ Reduce vehicles idling in front of residences
- ✓ Install new yard drainage system
- ✓ Better upkeep and organization of materials



Existing Hillsdale St. Entrance



Typical Grade Crossing Condition

Project Overview | *Power Improvements*



Existing Ductbank Location



New Utility Bridge to Parallel Existing Structure

- Install new traction power ductbank in yard
- Install utility bridge over Gallivan Boulevard
- Replace existing power ductbank from Ashmont Station to Codman Yard
- New AC power feed within the yard

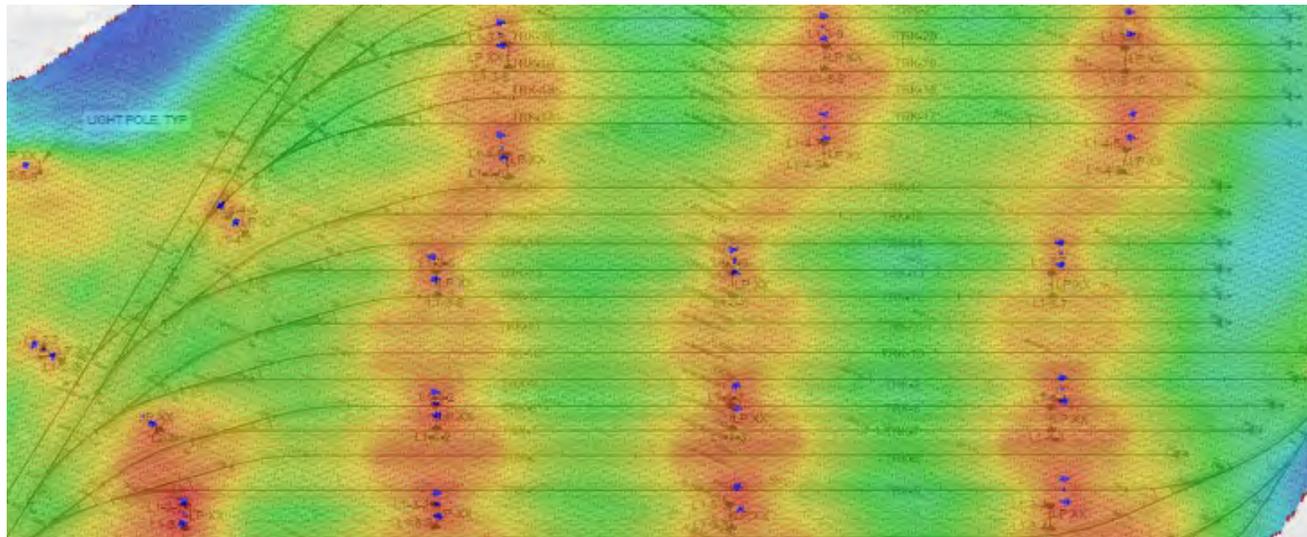
Benefits

- ✓ Reliable power infrastructure
- ✓ Improves the safety of yard operations
- ✓ Minimizes disruption for all riders

Project Overview | *Lighting, Signals & Security Improvements*



Existing Yard Lighting



Typical Lighting Simulation

- Upgrade lighting to LED (neighborhood-friendly and efficient)
- Add closed-circuit television (CCTV) cameras
- Install switch heaters or third rail heaters for snow melting
- Signal loops for new trains

Benefits

- ✓ Minimize light encroachment beyond the fence line
- ✓ Improved lighting distribution in the yard for increased safety and security
- ✓ Reduced maintenance
- ✓ Improved reliability & reduces disruption to riders

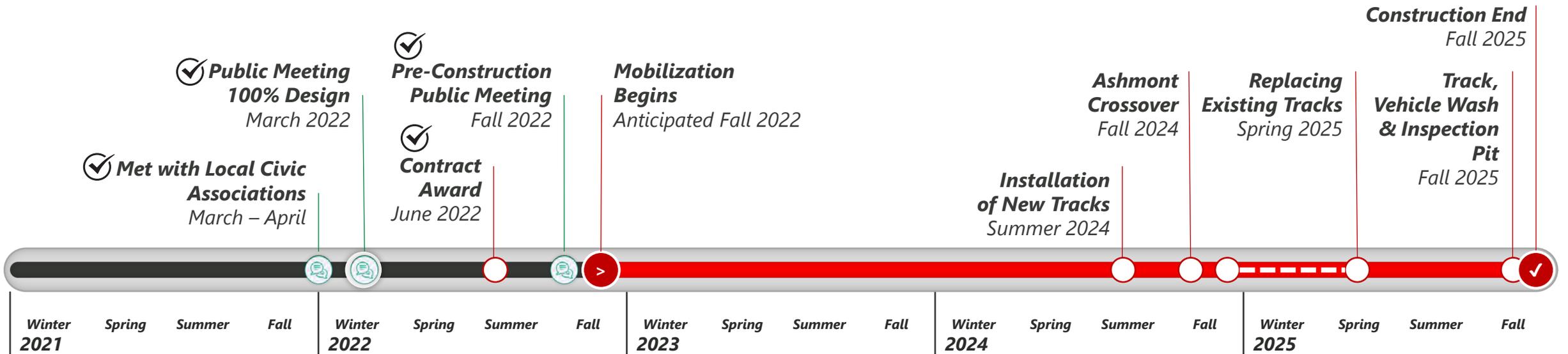


*Codman Yard Expansion
& Improvements*

**Construction
Timeline &
Milestones**



Construction | Anticipated Timeline



Construction Status*

- Construction Notice to Proceed: **August 2022**
- Contractor Mobilization: **Fall 2022**
- Construction Estimated Complete: **Fall 2025**
- Community Engagement: **Ongoing**

Project Milestone Dates*

- Installation of New Tracks: **Spring 2023 - Summer 2024**
- Ashmont Crossover: **Summer 2024 - Fall 2024**
- Replacing Existing Tracks: **Spring 2024 - Fall 2024**
- Replacing Existing Tracks: **Fall 2024 - Spring 2025**
- Track, Vehicle Wash & Inspection Pit: **Spring 2025 - Fall 2025**

*Note: Dates subject to change

Construction Access | Access & Mobilization



Construction Phases | Installation of New Tracks (Zone A)

- Crews will build the six new storage tracks, replace the northbound and southbound mainline tracks leading to Ashmont Station and install a new utility bridge that runs over Gallivan Blvd that will support new power cables and conduit
- Zone A is scheduled to take place from Spring 2023-Summer 2024

**Limits of phases and potential staging are approximate and do not necessarily correspond with the exact limits of work.*



Construction Phases | Ashmont Crossover (Zone B)

- Crews will rebuild the pocket track (used for staging/queuing of trains), replace the Ashmont Crossover and replace special trackwork and revamp the signal system leading to the yard
- Zone B is scheduled to take place from Summer 2024 – Fall 2024

**Limits of phases and potential staging are approximate and do not necessarily correspond with the exact limits of work.*



Construction Phases | Replacing Existing Tracks (Zone C)

- Teams will be replacing six storage tracks and four turnouts
- Zone C is scheduled to take place from Spring 2024 - Fall 2024

**Limits of phases and potential staging are approximate and do not necessarily correspond with the exact limits of work.*



Construction Phases | Replacing Existing Tracks (Zone D)

- Teams will be replacing six tracks and seven units of special trackwork as well as the section of lead track that connects the yard to the mainline
- Zone D is scheduled to take place from Fall 2024 - Spring 2025

**Limits of phases and potential staging are approximate and do not necessarily correspond with the exact limits of work.*



Construction Phases | Track, Vehicle Wash & Inspection Pit (Zone E)

- Crews will be replacing a majority of the loop track, the final four storage tracks and seven units of special trackwork in the final phase of the project
- The vehicle wash and inspection pit will also be upgraded and replaced
- Zone E is scheduled to take place from Spring 2025 - Fall 2025

**Limits of phases and potential staging are approximate and do not necessarily correspond with the exact limits of work*



Construction | *Impacts to the Riders and Community*



Construction Schedule (Projected)

- **Work Hours:** Work during the day (*while cars are in service*); *Some night work*
- **Minimal impact to service**, eight (8)* weekends providing alternative service (*Shuttle buses, Ashmont-JFK*)-
Construction operations around the clock during weekend outages; two (2) Mattapan Line Outages*
- **Leverage overlapping windows** with other construction projects (*e.g. trackwork between JFK – Ashmont*),
additional improvements along the Red Line (Surge opportunities/Piggyback work)

* Number of weekend outages subject to change

Construction | *Minimizing Disruption to the Community*



- **24/7 noise hotline, 617-222-3050**, will be available and actively staffed during construction operations
- **Limiting** truck and equipment idling (move gate at Hillside into the yard)
 - Equipment with combustion engines will have silencers
 - Applying calcium chloride or other **dust control** material
- Non-pesticide technologies such as trapping, and monitoring devices will be used for **rodent control**

Codman Yard Expansion & Improvements

Stakeholder Outreach and Engagement

Capital Transformation Programs

Quality of Service Begins



...Improves Quality of Service

- 1 Provide Cleaner & Safer Service
- 2 Increase Capacity & Frequency
- 3 Reduce Service Disruptions

abilities
n trains proactively
secure location
vice efficiently

Codman Yard Expansion and Improvements

Codman Yard Project Overview | Improved Conditions

Planned Improvements

- Add six (6) new storage tracks
- Upgrade lighting
- CCTV and security cameras
- Rail lubricators
- Update infrastructure
- Improve fencing around Codman

Benefits

- ✓ Increased Capacity
- ✓ Improved Reliability
- ✓ Reduced Noise & Light Pollution
- ✓ Upgraded Safety



Proposed Codman Yard Layout

Codman Yard Expansion and Improvements

Construction | Anticipated Timeline

Design Status

- ✓ Design started May 2020
- ✓ Public Meeting 20% Design August 2021
- ✓ Public Meeting 100% Design March 19, 2022

Construction Status

- ✓ Pre-Construction Public Meeting Fall 2022
- ✓ Construction Substantial Complete by Fall 2023

Codman Yard Expansion and Improvements

Construction | Impact on the Area

Construction Schedule

- Work Areas: Area A, Area B, Area C, Area D, Area E, Area F, Area G, Area H, Area I, Area J, Area K, Area L, Area M, Area N, Area O, Area P, Area Q, Area R, Area S, Area T, Area U, Area V, Area W, Area X, Area Y, Area Z, Area AA, Area AB, Area AC, Area AD, Area AE, Area AF, Area AG, Area AH, Area AI, Area AJ, Area AK, Area AL, Area AM, Area AN, Area AO, Area AP, Area AQ, Area AR, Area AS, Area AT, Area AU, Area AV, Area AW, Area AX, Area AY, Area AZ, Area BA, Area BB, Area BC, Area BD, Area BE, Area BF, Area BG, Area BH, Area BI, Area BJ, Area BK, Area BL, Area BM, Area BN, Area BO, Area BP, Area BQ, Area BR, Area BS, Area BT, Area BU, Area BV, Area BW, Area BX, Area BY, Area BZ, Area CA, Area CB, Area CC, Area CD, Area CE, Area CF, Area CG, Area CH, Area CI, Area CJ, Area CK, Area CL, Area CM, Area CN, Area CO, Area CP, Area CQ, Area CR, Area CS, Area CT, Area CU, Area CV, Area CW, Area CX, Area CY, Area CZ, Area DA, Area DB, Area DC, Area DD, Area DE, Area DF, Area DG, Area DH, Area 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YR, Area YS, Area YT, Area YU, Area YV, Area YW, Area YX, Area YY, Area YZ, Area ZA, Area ZB, Area ZC, Area ZD, Area ZE, Area ZF, Area ZG, Area ZH, Area ZI, Area ZJ, Area ZK, Area ZL, Area ZM, Area ZN, Area ZO, Area ZP, Area ZQ, Area ZR, Area ZS, Area ZT, Area ZU, Area ZV, Area ZW, Area ZX, Area ZY, Area ZZ



Codman Yard Expansion & Improvements | Keeping the Public Informed

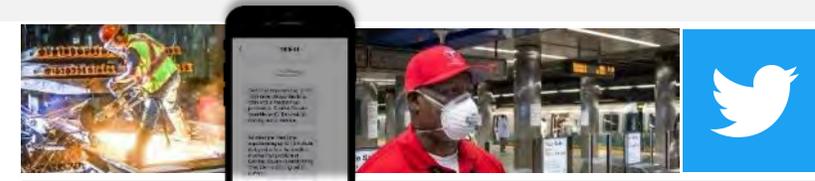
Continued communication with neighborhood organizations:

- ✓ Pre-Construction Virtual Public Meeting – October 13
 - Lower Mills Civic Association Meeting – October 18
 - Cedar Grove Civic Association Meeting – October 25
 - Ashmont Adams Civic Association Meeting – November 3

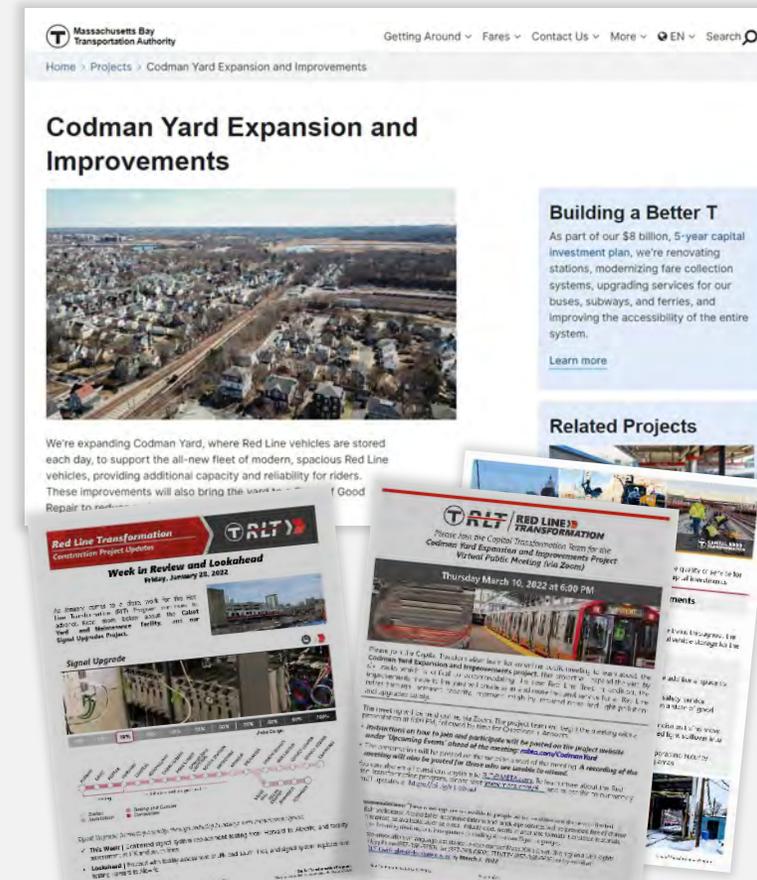


How to Stay Connected

- ✓ Contact the project team: RLT@mbta.com
- ✓ Subscribe to alerts: [mbta.com/alerts](https://www.mbta.com/alerts)
- ✓ Subscribe to Red Line Transformation weekly email updates: [mbta.com/RLT](https://www.mbta.com/RLT)
- ✓ Check website for up-to-date information: www.mbta.com/CodmanYard



Online & Social Media



Public Comment | *Next Steps*

Please share only one question or comment at a time



- Use the “**Q&A**” button to submit a typed question or comment
- Press the “**Raise Hand**” button to share your question or comment verbally. Wait for the moderator to recognize and unmute you before speaking.
- If you have joined by phone only, you may “raise your hand” by pressing the star button and then nine (*9)

After you speak, we will lower your hand and you will be muted to allow the team to respond and provide opportunities for others to participate

Comments may also be sent to RLT@mbta.com



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