



Codman Yard Expansion and Improvements

Virtual Public Meeting

March 10, 2022

Virtual Meeting | Overview



Raise Hand



Q&A

- Use the “**Q&A**” button to submit a typed question or comment
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Comments may also be sent to RLT@mbta.com

SAFETY MOMENT

***Wear a face covering
when riding public
transit***

Ride Safer



Public Meeting Agenda | *Today's Meeting*

Purpose | *Communicate status of Codman Yard Design*

1. **Capital Transformation**
2. **Codman Yard Project Overview**
3. **Construction Impacts**
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



Upgrade Red Line infrastructure to support the **new fleet**, giving riders 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



Red Line Yards | *Where Quality of Service Begins*

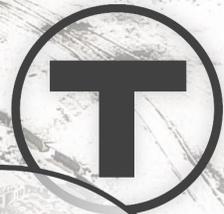


Enhancing Yard Capabilities

- **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**



CAPITAL 
TRANSFORMATION



***Codman Yard Expansion
and Improvements
100% Design***

Codman Yard Aerial (looking South)

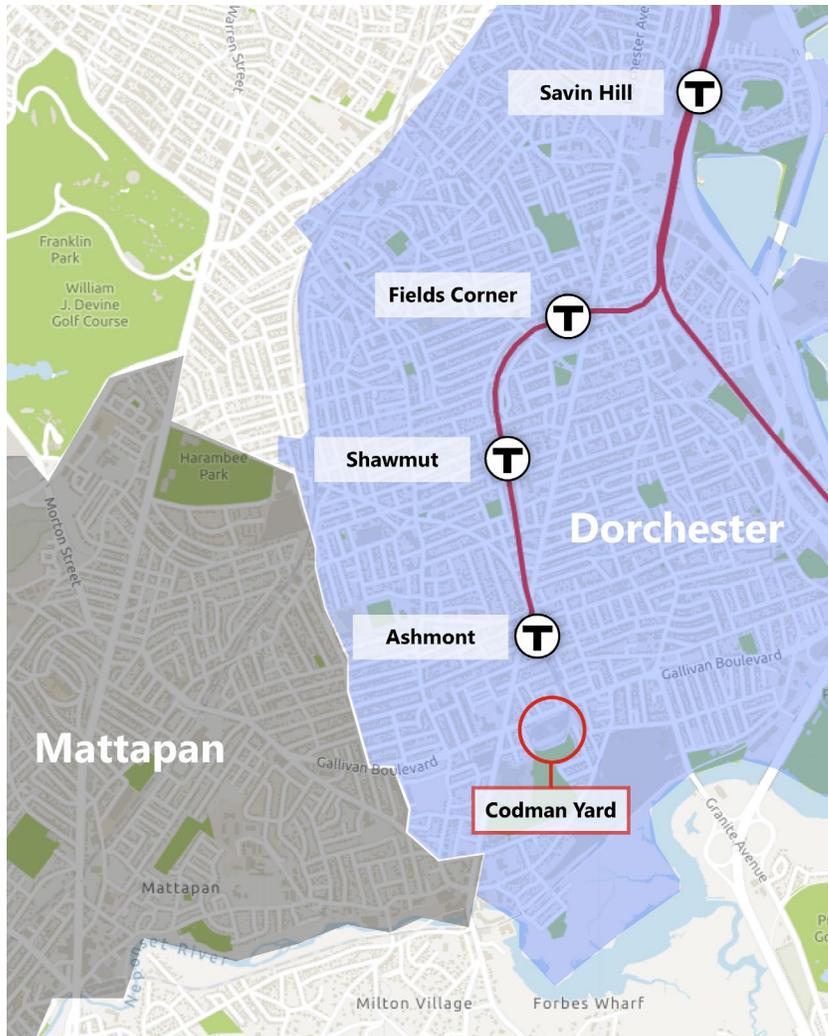


***Codman Yard Expansion
& Improvements***

**Project
Overview**



Project Overview | Codman Yard and Existing Conditions



Location of Codman Yard



Aerial View of Existing Codman Yard (looking North)

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 (looking North)



*Codman Yard Expansion
& Improvements*

**Project
Improvements**



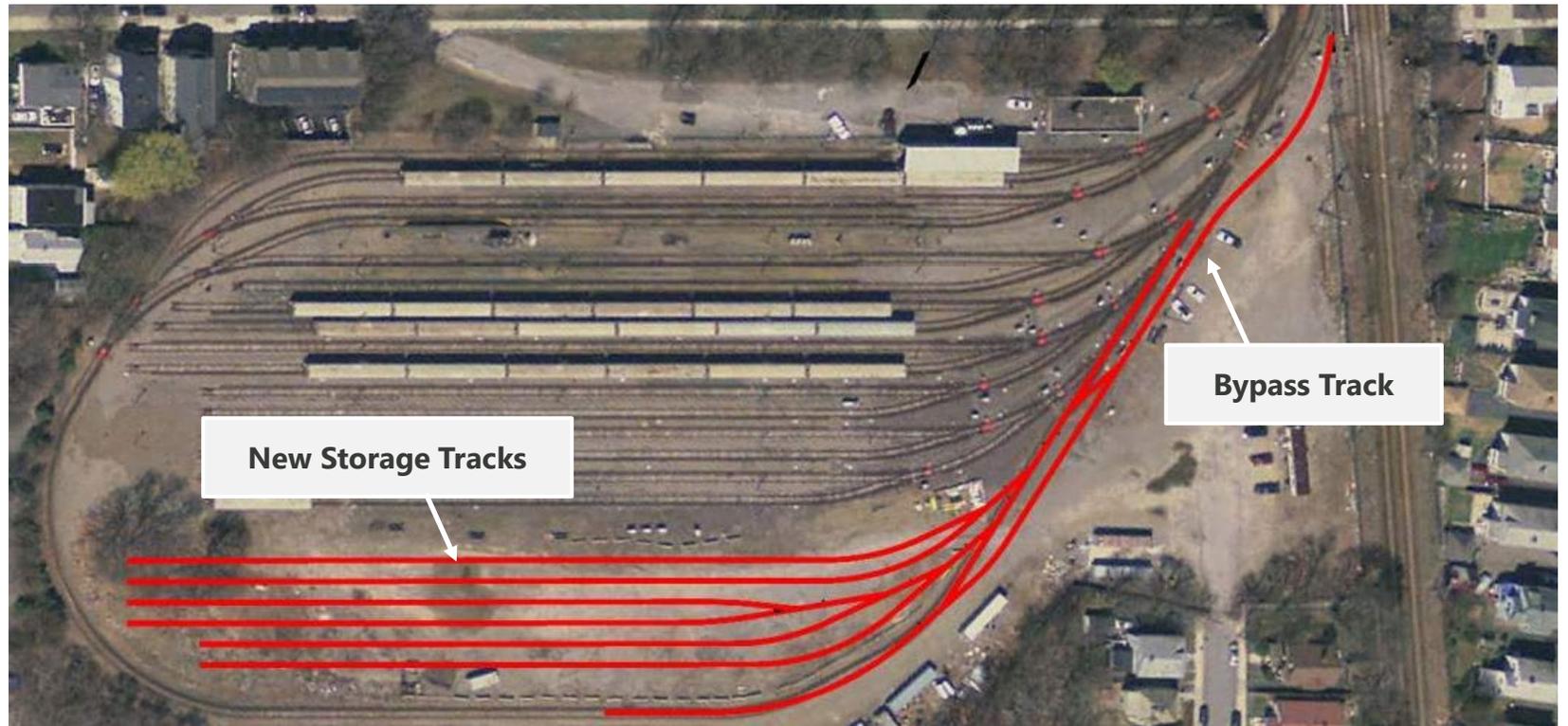
Project Overview | *Improved Conditions*

Track Improvements

- Add six (6) new storage tracks
- New by-pass track
- Replace all existing tracks
- Rail lubricators
- Upsize diamond crossover

Benefits

- ✓ Additional yard storage for new trains
- ✓ Less noise generated
- ✓ Faster turn back times
- ✓ Increased reliability



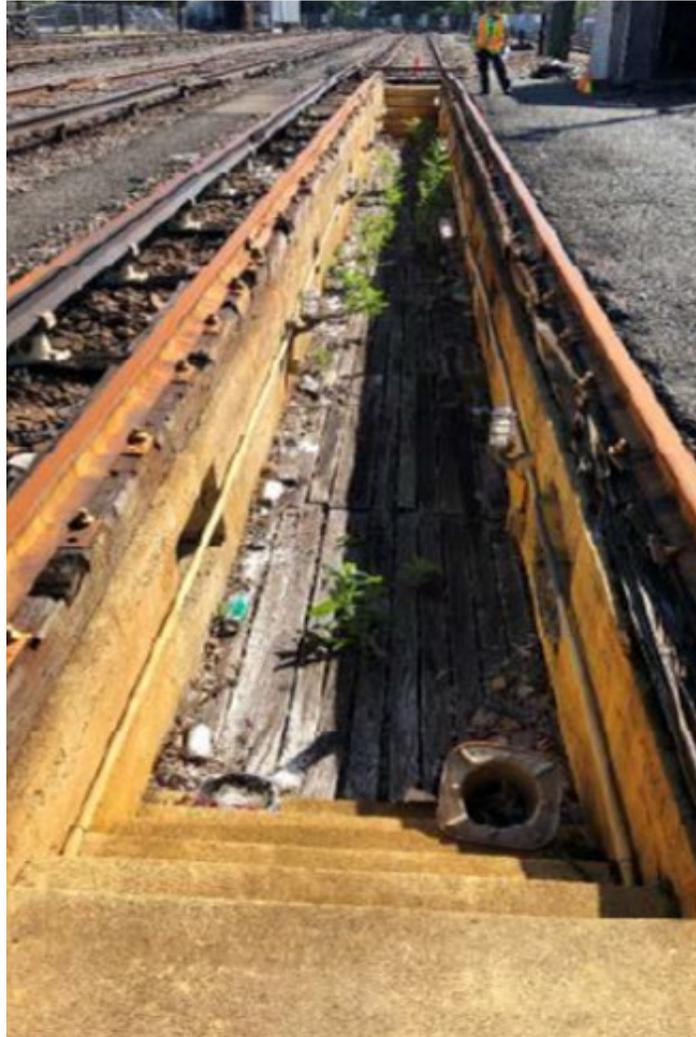
Proposed Codman Yard Layout (looking North)

Project Overview | *Maintenance Improvements*

- Replace **Inspection Pit**
- Structural repairs to **Car Wash**

Benefits

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



Inspection Pit Upgrades



Repairs to Car Wash

Project Overview | *Yard Entrance Improvements*

- Relocate Hillsdale Street entrance into the yard
- Modify Gallivan Boulevard entrance
- Grade crossing and yard walkway replacement
- New yard drainage system

Benefits

- ✓ Improved safety and accessibility into the yard
- ✓ Reduce vehicles idling in front of residences
- ✓ Better drainage in yard



Existing Hillsdale St. Entrance



Typical Grade Crossing Condition

Project Overview | *Power Improvements*

- Rebuild main power feed to the yard
- New traction power duct bank in yard
- Utility bridge over Gallivan Boulevard
- Existing power duct bank from Ashmont to Gallivan

Benefits

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



Existing Duct Location



New Ducts to Parallel Bridge

Project Overview | *Lighting & Security Improvements*

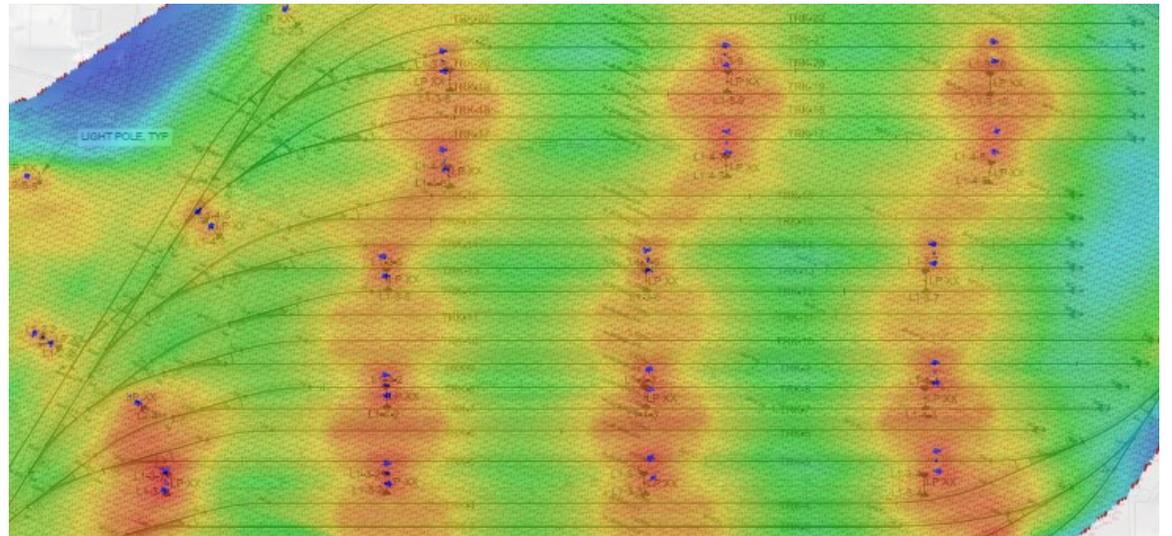
- Upgrade lighting to LED (neighborhood-friendly and efficient)
- Add closed-circuit television (CCTV) Cameras
- Install snowmelters
- Signal loops for new trains

Benefits

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



Existing Yard Lighting



Typical Lighting Simulation

Project Overview | *Environmental Impacts & Improvements*

- Lighting/Noise Considerations
- Soil/Debris Pile Removal
- *Wetlands and/or waterways not impacted*
- *Massachusetts Environmental Policy Act (MEPA)/National Environmental Policy Act (NEPA) documentation indicates no detrimental impact*

Benefits

- ✓ Improved appearance
- ✓ Better upkeep and organization of materials



Soil/Debris Pile Location



Soil/Debris Pile From Loop Track

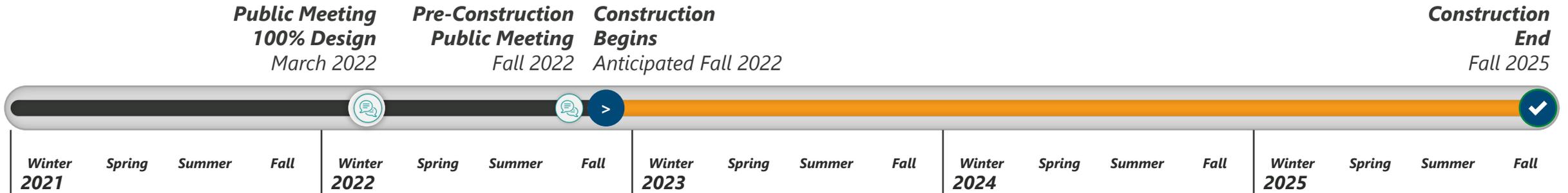


*Codman Yard Expansion
& Improvements*

**Construction
Impacts**



Construction | Anticipated Timeline



Design Status

- ✓ Design started: May 2020
- ✓ Public Meeting 30% Design: August 2020
- Public Meeting 100% Design: March 10, 2022**

Construction Status*

- Pre-Construction Public Meeting: Fall 2022**
- Construction Estimated Complete by **Fall 2025**

*Note: Dates subject to change

Construction | Impacts to the Riders and Community



Construction Schedule (Projected)

- **Work Hours:** Work during the day (*while cars are out to service*)
- **Minimal impact to service**, four (4) to six (6) weekends providing alternative service (*Shuttle buses, Ashmont-JFK*)
- **Leverage overlapping windows** with other construction (*e.g. trackwork between JFK – Ashmont*)

Minimizing Disruption to the Community

- Establish and monitor a **24/7 noise hotline**
- Using **noise blankets and shielding** where possible
- **Limiting** truck and equipment idling (move gate at Hillsdale in)
- Applying calcium chloride or other **dust control** material
- **Rail lubricators** at sharp curves



*Codman Yard Expansion
& Improvements*

**Stakeholder
Outreach and
Engagement**



Codman Yard Expansion & Improvements | Keeping the Public Informed

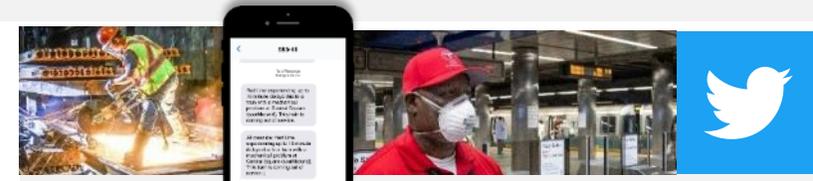
Continued communication with neighborhood organizations:

- Cedar Grove Civic Association
- Lower Mills Civic Association

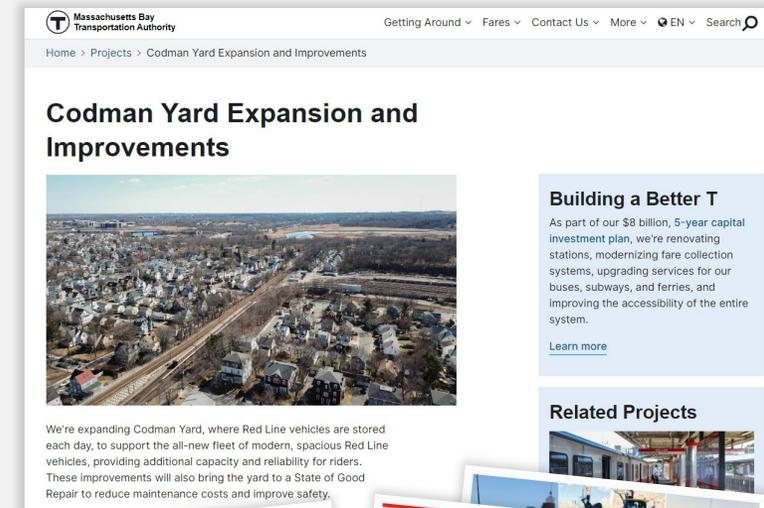


How to Stay Connected

- ✓ Contact the project team: **RLT@mbta.com**
- ✓ Subscribe to alerts: **mbta.com/alerts**
- ✓ Subscribe to Red Line Transformation weekly email updates: **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



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T **CAPITAL** **TRANSFORMATION**