



**Massachusetts Bay  
Transportation Authority**

## **Red/Orange** Line Transformation

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Codman Yard Expansion and Improvements

Virtual Public Meeting

August 20, 2020

# Public Meeting Agenda

1. Safety Moment
2. Public Meeting Process
3. Red/Orange Lines Transformation
4. Codman Yard Project Overview
5. Stakeholder Outreach and Engagement
6. Questions / Contact



# Safety Moment

Wear a face covering  
when riding public  
transit

Stay Healthy & Be Safe



MBTA Employee setting a prime example and wearing a face covering while working at one of our stations.



# Public Meeting COVID-19 CIRCUMSTANCES

- March 12, 2020 emergency order on Open Meeting Law by Governor Baker
- MBTA has implemented “remote participation procedures”
- Participation encouraged, multiple ways to engage



# Public Meeting Notes and Procedures

## Notification of Recording

- This virtual public meeting will be recorded. The Massachusetts Bay Transportation Authority (MBTA) may choose to retain and distribute the video, still images, audio, and/or chat transcript.
- By continuing attendance with this virtual public meeting, you are consenting to participate in a recorded event.
- All recordings and chat transcript will be considered a public record.
- If you are not comfortable being recorded, please turn off your camera, mute your microphone, and refrain from chatting in the transcript box. Else you may choose to excuse yourself from the meeting.



# Virtual Meeting Best Practices and Virtual Meeting Notes

## Virtual Meeting Best Practices

- Please keep your microphone muted when not speaking. The meeting will be open to questions and answers at the end of the presentation.
- Please state your name prior to asking a question or commenting.

## Virtual Meeting Notes

- Questions may be submitted in the Zoom Q&A Box, located at the bottom of the Zoom window at any time.
- Questions may also be submitted through the project's comment form at any time: <https://www.vpioutreach.com/codmanyard>
- This meeting presentation is currently available to view on the project website: [www.MBTA.com/CodmanYard](http://www.MBTA.com/CodmanYard)

## IT Questions throughout this presentation

- Please call or text Martin Nee – **617-548-4373**



# Red/Orange Lines Transformation 2

## MBTA Program Team

- Chief of Red/Orange Line Transformation, Maysoon Tawfik
- Deputy Chief of Red/Orange Line Transformation, Steve Moore
- Senior Director of Red Line Transformation, Ellen DeNooyer
- Project Manager, Adam Booth



## Meeting Panelists

- MBTA Senior Director of Red and Orange Line Transformation, Ellen DeNooyer
- MBTA Project Manager, Adam Booth
- Design Project Manager, Doug Woodbury (HNTB)
- Public Outreach Lead, Erica Blonde (HNTB)
- Community Outreach, Joe Nolan (City Point Partners)



# Red/Orange Lines Transformation

## Program Overview

- Program Goals
  - Customer benefit
  - Improved frequency of train service
  - Improved performance times
  - Improved reliability
  - Increased capacity
  - State of Good Repair
  
- The Red and Orange Lines Transformation
  - New vehicles
  - Infrastructure replacement
  - Signal upgrades
  - Test tracks
  - Yard and maintenance facility upgrades



Red Line



Codman Yard Aerial (looking South)





# Project Overview

## Codman Yard Project Benefits

- Added Vehicle Capacity
  - Support the new and expanded Red Line Fleet
  - Install six (6) additional storage tracks
- Bring Codman Yard to a State of Good Repair
  - Improve service reliability
  - Address reliability and modernization needs
  - Reduce yard maintenance



Aerial View of Existing Codman Yard (looking North)



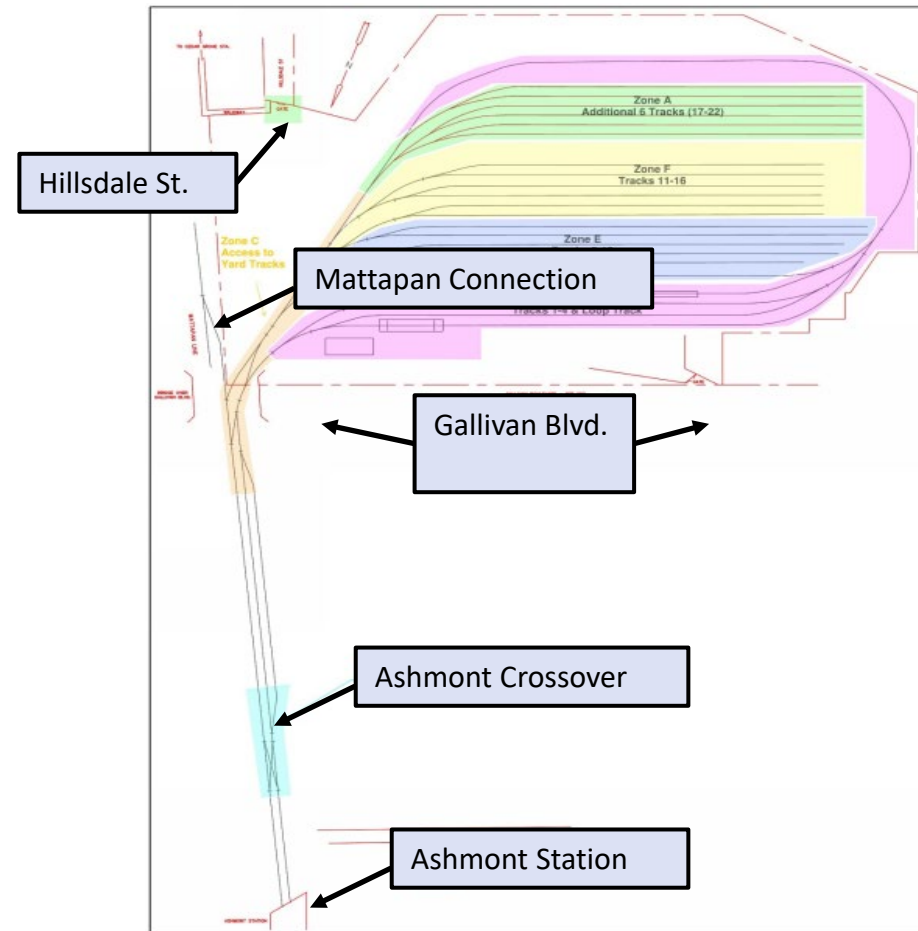
# Project Overview – Location and Limits

## Codman Yard Location

- Dorchester, MA
- Red Line – Ashmont Branch
- Adjacent to Mattapan Line

## Project Limits

- Within existing yard limits and fence line
- Mattapan High Speed Line Connection
- Ashmont Crossover



Codman Yard Zone Locations



# Project Overview – Existing Conditions

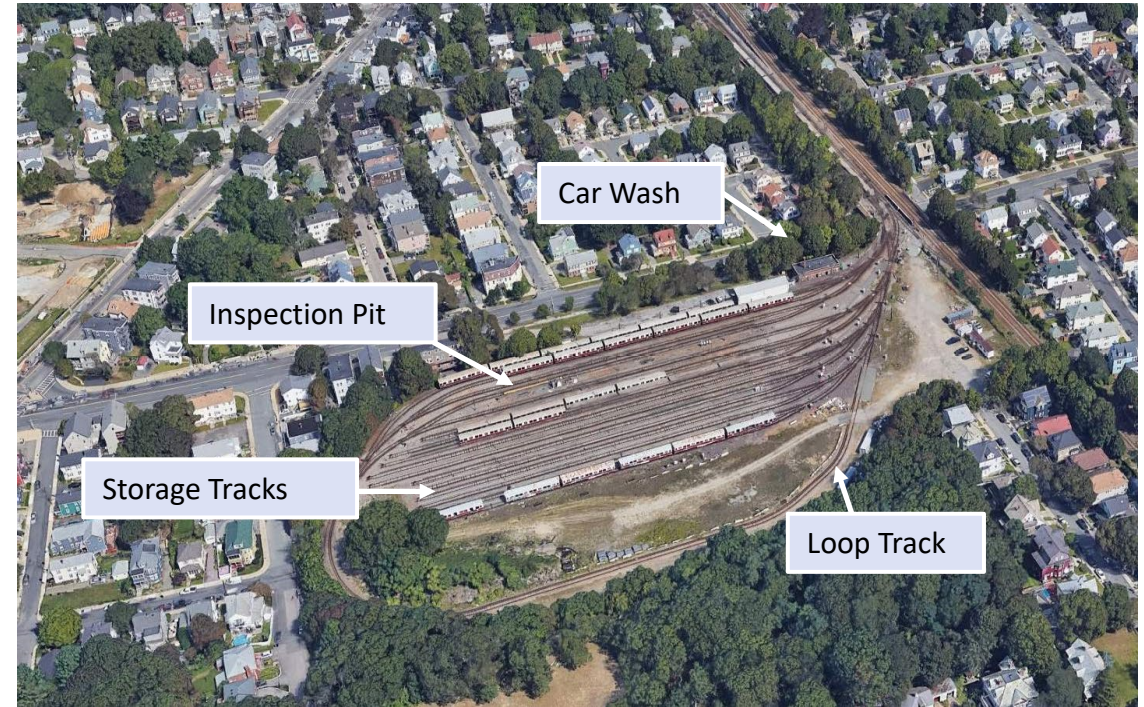
## Existing Codman Yard

### ■ Yard Usage

- Vehicle Storage
- Light Maintenance
- Vehicle Inspections

### ■ Yard Features

- Last Re-built in 1980s
- 16 Storage Tracks
- 1 Loop Track
- Car Wash
- Vehicle Inspection Pit



Aerial View of Existing Codman Yard (looking North)





# Project Overview – Improved Conditions

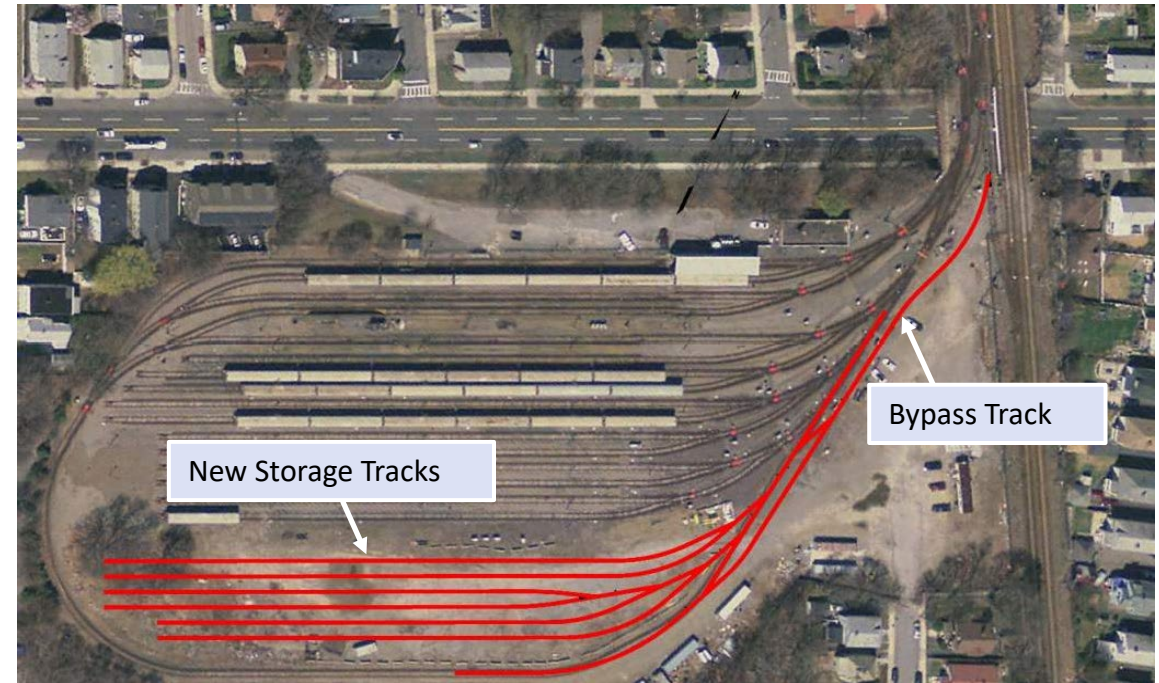
## Track Improvements

### ■ Planned Improvements

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

### ■ Benefits

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



Proposed Codman Yard Layout (looking North)



# Civil Improvements

## Civil Improvements

- Planned Improvements
  - Relocate Hillsdale St. entrance into yard
  - Grade crossing and yard walkway replacement
  - New yard drainage system
- Benefits
  - Improved safety
  - Entrance further from residences
  - Less noise



Existing Hillsdale St. Entrance



Typical Grade Crossing Condition





# Lighting, Power, and Signal Improvements

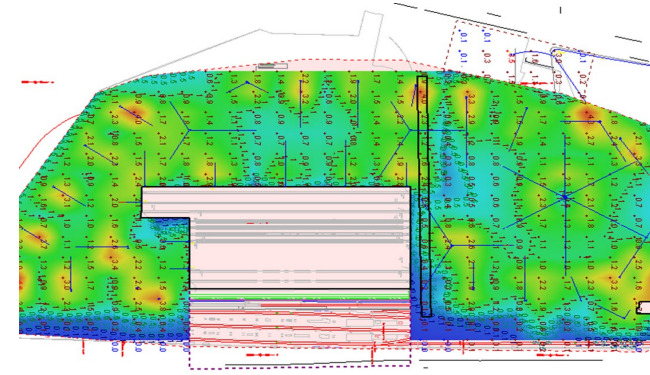
## Lighting, Power, and Signal Improvements

### ■ Planned Improvements

- Upgraded, neighborhood-friendly and efficient LED lighting
- Replace power components
- Replace crossover signal components

### ■ Benefits

- Minimize light trespass beyond fence line
- Improved lighting distribution in yard
- Reduced maintenance
- Improved reliability



Typical Lighting Simulation



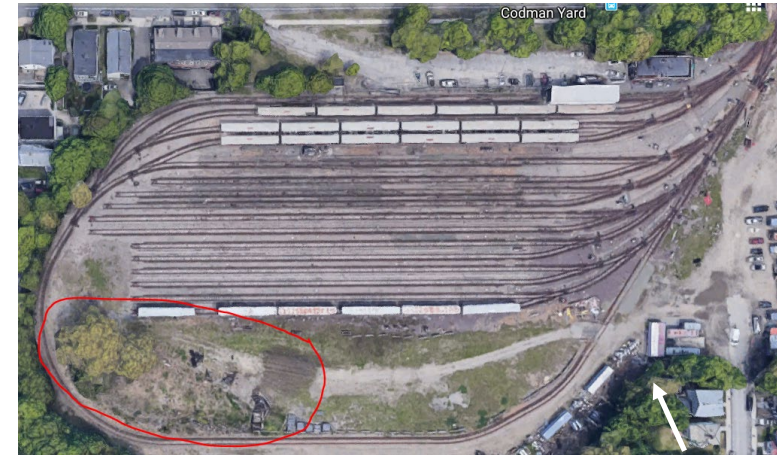
Existing Yard Lighting



# Environmental Improvements

## Environmental Improvements

- Planned Improvements
  - Noise Considerations / Baseline Survey
  - Soil/Debris Pile Removal
- Benefits
  - Less Noise
  - Improved site conditions
- Notes
  - Wetlands and/or waterways not impacted
  - Massachusetts Environmental Policy Act (MEPA)/National Environmental Policy Act (NEPA) documentation not required



Soil/Debris Pile Location



Soil/Debris Pile From Loop Track





# Project Overview – Potential Project Impacts

## Potential Construction Impacts

- Increased Yard Traffic
  - Hours to be controlled by Contract
- Noise
  - Hours to be controlled by Contract



Typical Yard Conditions



Yard Lead Tracks

## Potential Service Considerations

- Minimal service impacts
  - Weekend Bus Diversions



Yard Train Storage



Hillsdale St. Yard Entrance



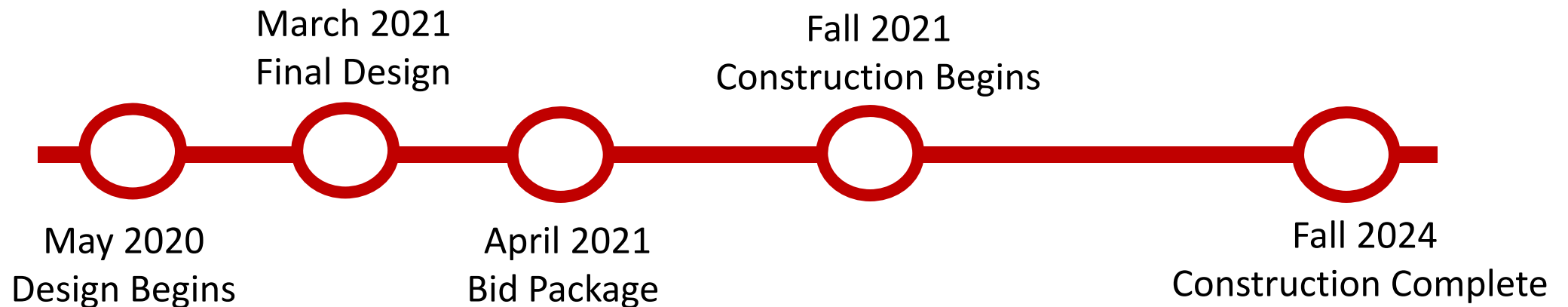
# Project Overview – Anticipated Timeline

## Design Status

- Preliminary Design Phase

## Construction Status

- Anticipated to begin Fall 2021



Note: Dates subject to change



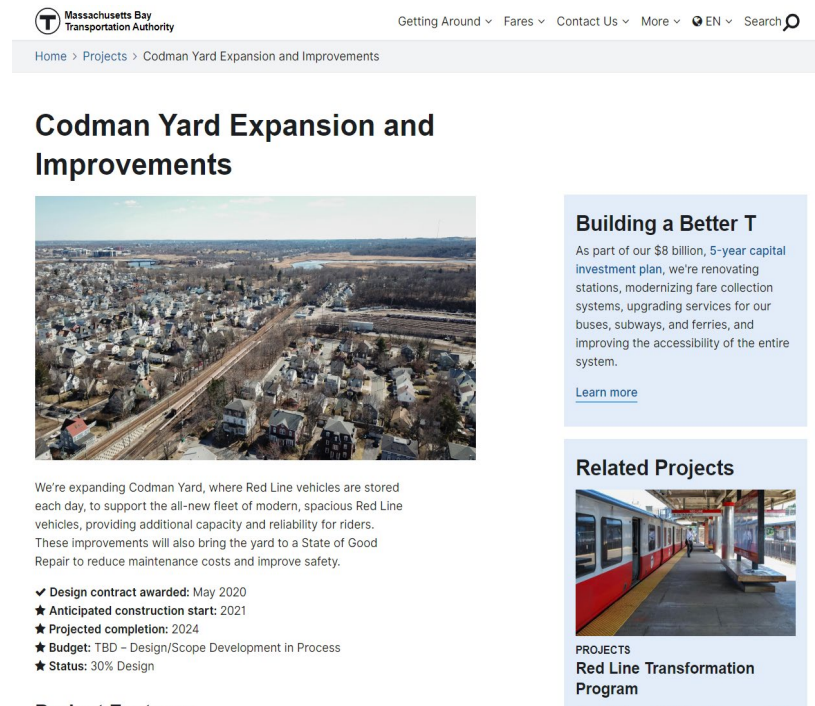
# Stakeholder Outreach and Engagement

## Meetings

- Additional public meetings will be held at key milestones.
- Meeting notices to be sent via email, flyers/mailings, and newspaper advertisements
- Updates for future meetings can be found on the project website

## Online Resources

- MBTA Project Website: [www.MBTA.com/CodmanYard](http://www.MBTA.com/CodmanYard)
- Online Comment Form: <https://www.vpioutreach.com/codmanyard>
- Social Media
  - Twitter - @MBTA
  - Facebook



The screenshot shows the MBTA website page for the Codman Yard Expansion and Improvements project. The page features a navigation bar with the MBTA logo and links for 'Getting Around', 'Fares', 'Contact Us', 'More', 'EN', and 'Search'. Below the navigation bar, the page title is 'Codman Yard Expansion and Improvements'. The main content area includes an aerial photograph of the yard, a section titled 'Building a Better T' with a brief description of the \$8 billion investment plan, and a 'Related Projects' section featuring the Red Line Transformation Program. A sidebar on the right contains project details: 'Design contract awarded: May 2020', 'Anticipated construction start: 2021', 'Projected completion: 2024', 'Budget: TBD - Design/Scope Development in Process', and 'Status: 30% Design'.

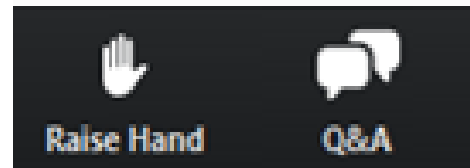
Codman Yard Web Page



# Questions and Answers

## Instructions

- Please share only one question or comment at a time, limited to 2 minutes, to allow others to participate.
- To ask a question via phone, dial \*9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn.
- Press the “Raise Hand” button at the bottom of your Zoom window to share your question or comment verbally.



- Once pressed, please wait for the moderator to recognize and call on you before speaking.
- After you share your question or comment, we will lower your hand and you will be muted to allow the team to respond and provide opportunities for others to participate.
- Questions asked in the Q&A box during the presentation will be answered in the order received.



# Contact Us

The MBTA appreciates your participation in this virtual public meeting and encourages you to provide feedback on the meeting and platform used. Additional questions and comments can be submitted any time via the project website or online comment form found below. Responses will be issued via email upon request.

Thank you!

Contact Us:

- MBTA Project Website: [www.MBTA.com/CodmanYard](http://www.MBTA.com/CodmanYard)
- Online Comment Form: <https://www.vpioutreach.com/codmanyard>
- Social Media
  - Twitter - @MBTA
  - Facebook
- Red/Orange Line Transformation Program Email: [RedOrangeLineProgram@MBTA.com](mailto:RedOrangeLineProgram@MBTA.com)
- MBTA Customer Service Support Number: 800-392-6100

