

**Massachusetts Bay  
Transportation Authority**

**Dedham East Street Bridge  
Replacement Project**

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Virtual Public Meeting  
Wednesday, September 28, 2022  
Project Manager: Omar Alchaar, P.E.  
Manager of Stakeholder Engagement: Katy Zazzera

# Diversity and Civil Rights

## English

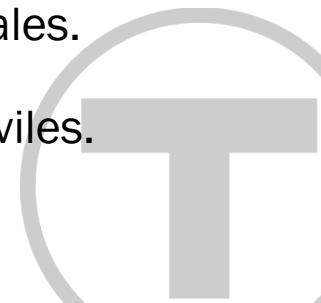
- All MBTA activities, including public meetings, are free of discrimination. The MBTA complies with all federal and state civil rights requirements preventing discrimination on the basis of race, color, national origin, limited English proficiency, and additional protected characteristics. We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit [www.mbta.com/titlevi](http://www.mbta.com/titlevi) to reach the Office of Diversity and Civil Rights.

## Chinese

- MBTA 的所有活动，包括公开会议，都没有歧视。MBTA 遵守所有联邦和州公民权利要求，防止基于种族、肤色、国籍、有限的英语能力和其他受保护特征的歧视。我们欢迎来自我们整个服务领域的多样性。如果您有任何问题或疑虑，请访问 [www.mbta.com/titlevi](http://www.mbta.com/titlevi) 联系多元化和民权办公室。

## Spanish

- Todas las actividades de MBTA, incluidas las reuniones públicas, están libres de discriminación. La MBTA cumple con todos los requisitos de derechos civiles federales y estatales que impiden la discriminación por motivos de raza, color, origen nacional, dominio limitado del inglés y características protegidas adicionales. Damos la bienvenida a la diversidad de toda nuestra área de servicio. Si tiene alguna pregunta o preocupación, visite [www.mbta.com/titlevi](http://www.mbta.com/titlevi) para comunicarse con la Oficina de Diversidad y Derechos Civiles.



# Overview

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## English

- Thank you for joining the meeting! We appreciate your participation.
  - This meeting will be recorded so that it can be shared with the people that were unable to join.
  - All participants will be muted upon entry so that only the presenters can be heard.

## Chinese

- 感谢您参与此会议！
  - 本次会议将会被录像，以便我们把它分享给没能来参加的人。
  - 所有参与者在进来时都会被静音，以便于演讲者能被听到。

## Spanish

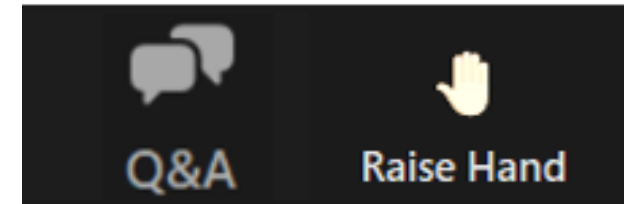
- ¡Gracias por atender esta junta! Agradecemos su participación.
  - Esta junta estaría grabada para poder compartir con los que no pudieron asistir.
  - Los participantes están silenciados al entrar la junta para que solo se pueda oír a los presentadores.



# Use Q&A Feature for Any Questions

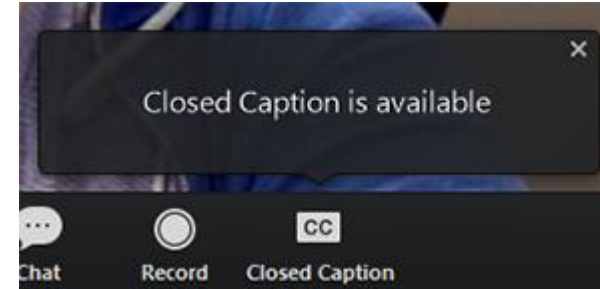
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If you have a technical question about Zoom or the features of the meeting, please use the Q&A feature. Our technical assistant will attempt to troubleshoot your problem and get back to you.



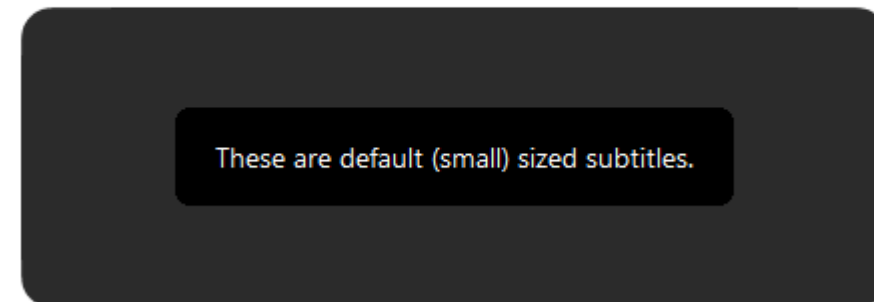
# Captioning

- You can view closed captions by clicking the Closed Captions feature and selecting from the options shown.
- Show Subtitle will display a caption at the bottom of the screen.
- View Full Transcript will display the meeting's audio transcription in a window to the right.
- 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

Closed Caption Font Size:



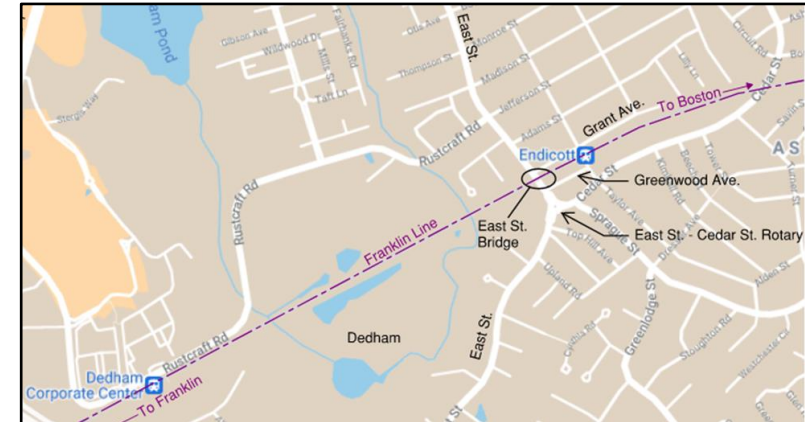
# Agenda

- Project Overview
- Existing Conditions
- Safety Concerns
- Progress Since Last Meeting
- Proposed Improvements
- Project Timeline
- Next Steps
- Questions



# Project Overview

- Improve safety on and below the bridge
  - Minimize over-height vehicle collisions
  - Eliminate “bottleneck” and provide sidewalks under the bridge
  - Allow for better traffic flow on East St.
- Improve reliability by reducing:
  - East St. traffic closures due to bridge collisions
  - Collisions that require Town emergency personnel response
  - Commuter Rail service interruptions
- Estimated project cost: \$18M



*Bridge location is between Endicott and Dedham Corporate Center stations.*



*Looking west on East St.*



# Existing Conditions

- Bridge built in 1904
- Substandard roadway width
  - Two 11'-6" wide travel lanes without shoulders
- No sidewalks under bridge
- Substandard vertical clearance
  - 12'-3" vertical clearance
  - Multiple over-height truck collisions, most recently September 26, 2022



*View of East St. looking west showing narrow roadway*





# Safety Concerns

- Recent bridge strikes
  - September 26: hit and run that caused serious damage, including track misalignment, bridge off bearings, and impact to girders. This resulted in a roadway closure and safety concerns for the railway.
  - August 16: hit by construction equipment.
  - July 29: hit by over height tractor trailer.
  - 8 major collisions between July 2019 and November 2020.
- Need to increase vertical clearance
  - Existing bridge is 12'-3"
  - Maximum legal truck height under Massachusetts law: 13'-6"
  - FHWA and AASHTO recommended minimum clearance: 14'-0"
  - MassDOT vertical clearance requirement: 16'-6"



# September 26 Incident



# Progress Since Last Meeting

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- Developed project FAQ based on comments received at December 2021 public meeting
- Coordination and meetings with Town staff
- Discussions with MassDOT and Town of Dedham regarding roadway usage restrictions
- Ongoing coordination with Eversource construction activities
- Progression on design



# Proposed Improvements

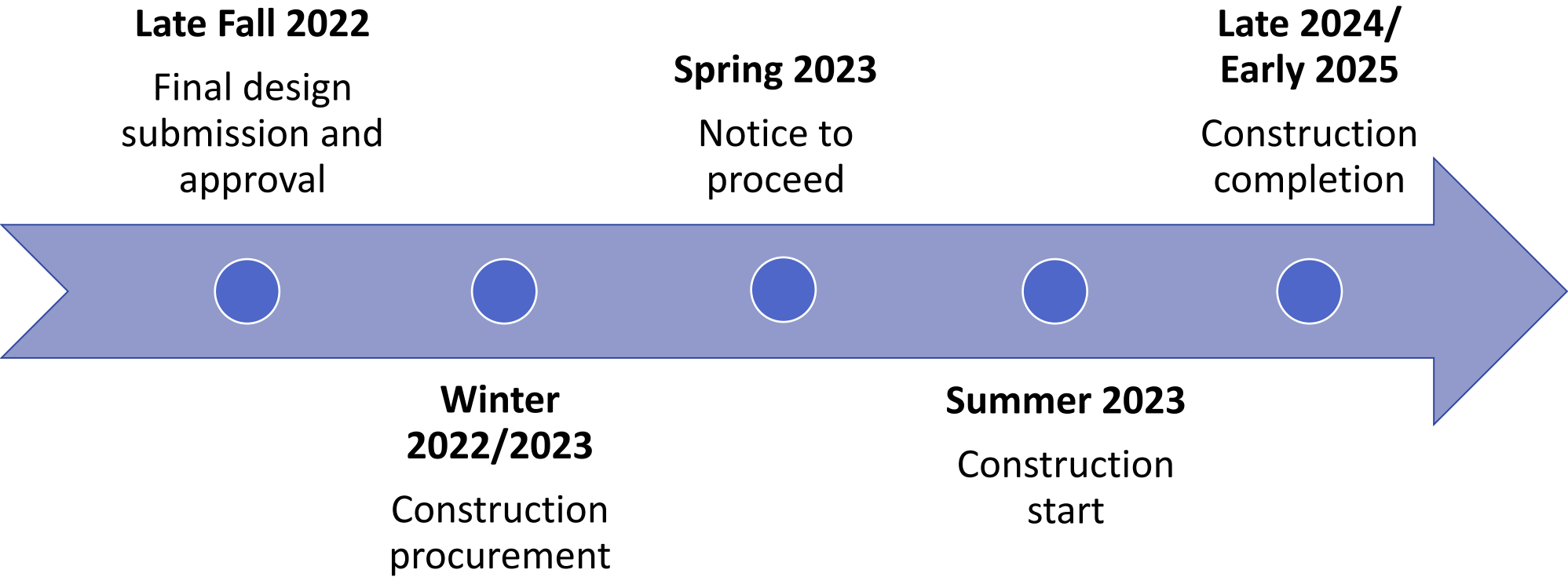
- 14' minimum vertical clearance
  - Reduces the potential for over-height collisions
  - Allows safe passage for emergency vehicles
  - Will require Town to post signage
- 12' travel lanes and 2' shoulders
  - 5' wider than existing roadway
- New sidewalks added on both sides of East St. allowing residents to safely walk under the bridge
- Roadway reconstruction, including drainage improvement and utility relocation



*Rendering of the proposed bridge*



# Project Timeline



# Next Steps

- Next public meeting will be held ahead of construction

- Email advisories

- [Sign up on the website](#)

- Website

- [www.MBTA.com/EastStBridge](http://www.MBTA.com/EastStBridge)

- Questions or comments

- [EastStBridge@MBTA.com](mailto:EastStBridge@MBTA.com)

## Dedham East Street Bridge Replacement



We're replacing the bridge that carries the Franklin Line over East Street between the Endicott and Dedham Corporate Center stations.

The current East Street Bridge, which was built in 1904, has a substandard height of 12' 3", which has led to many truck collisions. Between July 2019 and November 2020, eight major collisions occurred under the bridge.

To ensure the safety of MBTA riders and those who travel below the bridge, we will replace the current bridge to comply with bridge height standards and protect it from future collision damage.

- ✓ Design contract awarded: October 2020
- ★ Status: Final design
- ★ Budget: \$18 million
- ★ Projected completion: Late 2024

To reduce service disruptions and inconveniences to neighbors, we'll complete work in phases. Construction is anticipated to begin in spring 2023.

Project features	▼
Project benefits	▼
Bridge height changes	▼

### Building a Better T

As part of our \$9.6 billion, 5-year capital investment plan, we're renovating stations, modernizing fare collection systems, upgrading services for our buses, subways, and ferries, and improving the accessibility of the entire system.

[Learn more](#)

### Related Projects



### Rail Bridge Replacements

[View all projects](#)



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- If you have a technical problem, please share your issue using the **Q&A feature** at any point during the meeting with a member of the project staff, and we will respond as quickly as possible.



To speak,  
click **“Participants”**  
then **“Raise hand”**



**Ask a question**  
and share comments



**\*9**  
Raise Hand





# Massachusetts Bay Transportation Authority

Thank you!

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For questions and comments please email [EastStBridge@MBTA.com](mailto:EastStBridge@MBTA.com)

Learn more at [MBTA.com/EastStBridge](https://www.mbta.com/EastStBridge)