



Massachusetts Bay Transportation Authority

Red Line Hi-Rail Access Tunnel

Project Update Public Meeting

3/18/2025

Overview

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.

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.

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。



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 to reach the Office of Diversity and Civil Rights.

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 para comunicarse con la Oficina de Diversidad y Derechos Civiles.

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 联系多元化和民权办公室。



Language Accessibility

English

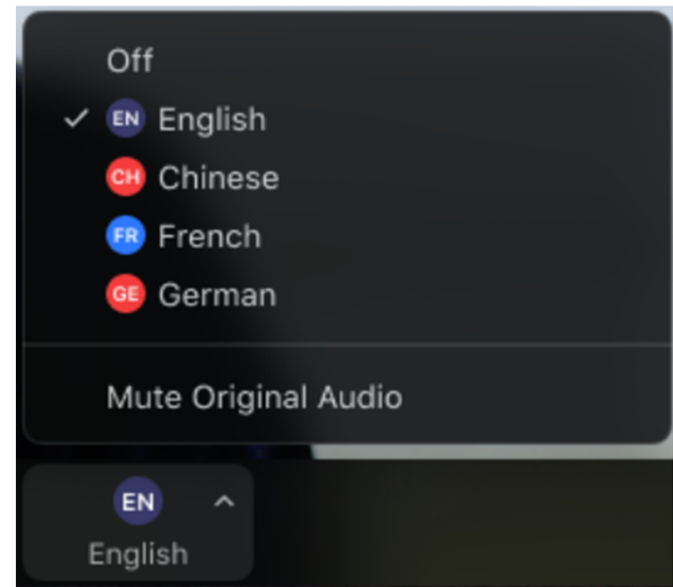
- We offer interpretation during this meeting. In your meeting/webinar controls, click Interpretation (the small globe icon) and click the language that you would like to hear.

Spanish

- Ofrecemos interpretación en español durante esta junta. Para escoger el audio en Inglés o en Español tendrá que picar el botón de interpretación, el cual tiene un imagen de un mundo. Cuando le pique la interpretación por favor de escoger el idioma cual le gustaria oír

Chinese

- 我们本次会议期间提供口译服务。在您的会议/网络研讨会的控件中，单击口译（小球图标），并单击您想听到的语言



Use Chat for Technical Questions

English

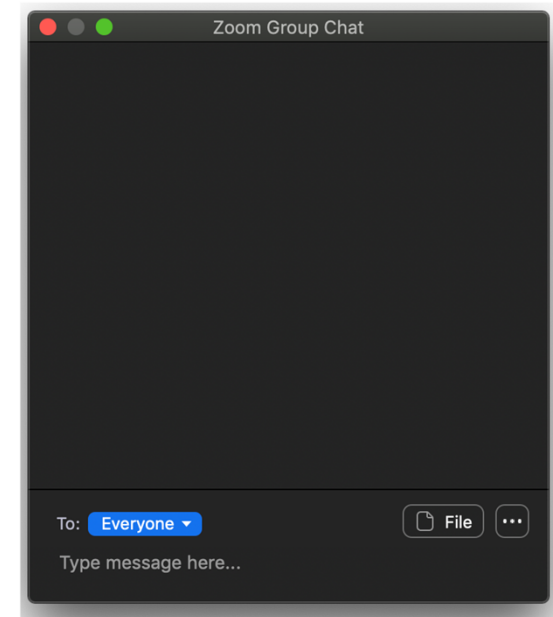
- If you have a technical question about Zoom or the features of the meeting, please use the chat function. Our technical assistant will attempt to troubleshoot your problem and get back to you.

Spanish

- Si tiene una pregunta técnica de zoom o los enseres de zoom durante la junta. Favor de usar el chat. Nuestro asistente técnico bajo el nombre de “Zoom Tech” le ayudará con su problema.

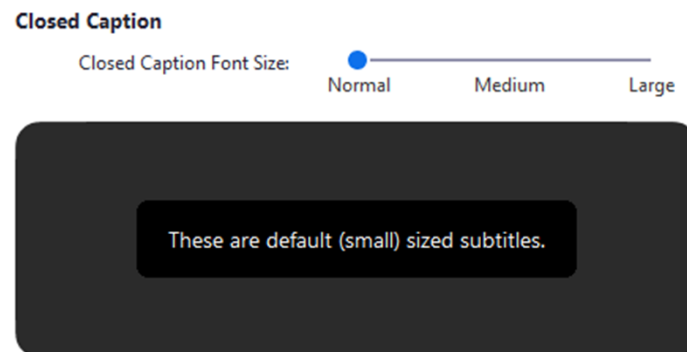
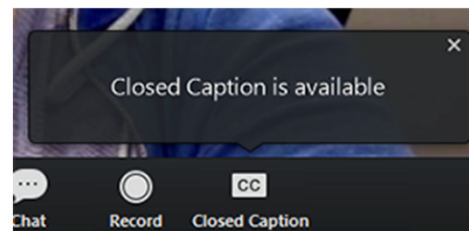
Chinese

- 如果您有关于Zoom或者会议功能的技术问题，请使用对话框的聊天功能。我们的技术辅助员会回复您并尽力帮您解决问题。



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



Agenda

- Introductions
- Project Overview
- Project Benefits
- Project Timeline
- Questions

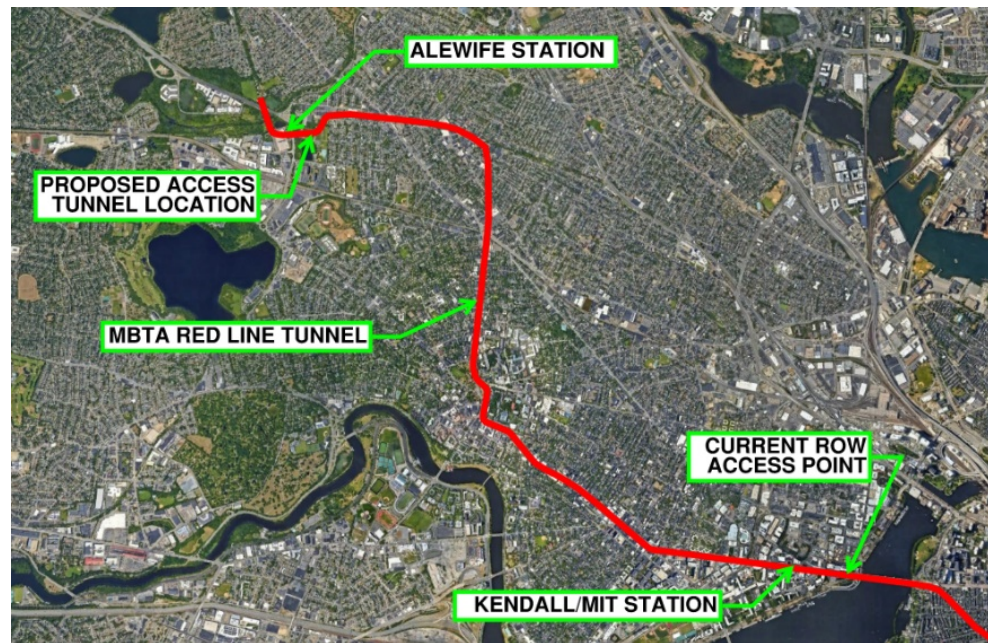


Example Hi-Rail Vehicle



Project Overview

- Purpose: Provide hi-rail vehicle access to RL tunnel west of Charles River

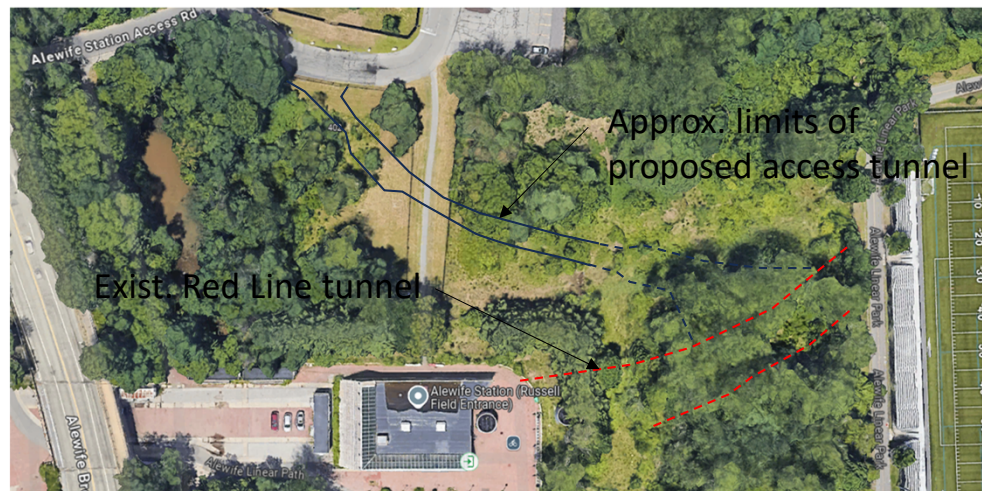


RL Tunnel Map



Project Overview

- Site Conditions: Mostly vegetated with existing shared use pathway
- Constraints: Contaminated soil, privately owned land (IQHQ)



Site Plan View



Project Overview

Selection

- Site #1 – Selected
 - Approx. 500-ft from residential areas
 - Proximity of station
 - Site is relatively open
 - Short tunnel length possible
 - Lowest traffic impacts
 - Low impacts to IQHQ developments
 - Lowest construction & structural risk
- Site Location #2
 - Being converted to electric bus facility
 - Overhead wires
 - Higher traffic impacts in community area
 - Required removal of tunnel center/structural wall
- Site Location #3
 - Tunnel entrance blocked from parked trains
 - In residential & park area
 - Would require removal of ventilation shaft
- Site Location #4
 - In area where trains are parked off-revenue
 - Garage project does not align with immediate needs/goals of the tunnel
 - Very high-risk construction
 - Higher impacts to service and roadway during construction
- Site Location #5
 - Requires multi-modal path relocation
 - Larger impact to wetlands
 - More impactful/risk to existing infrastructure

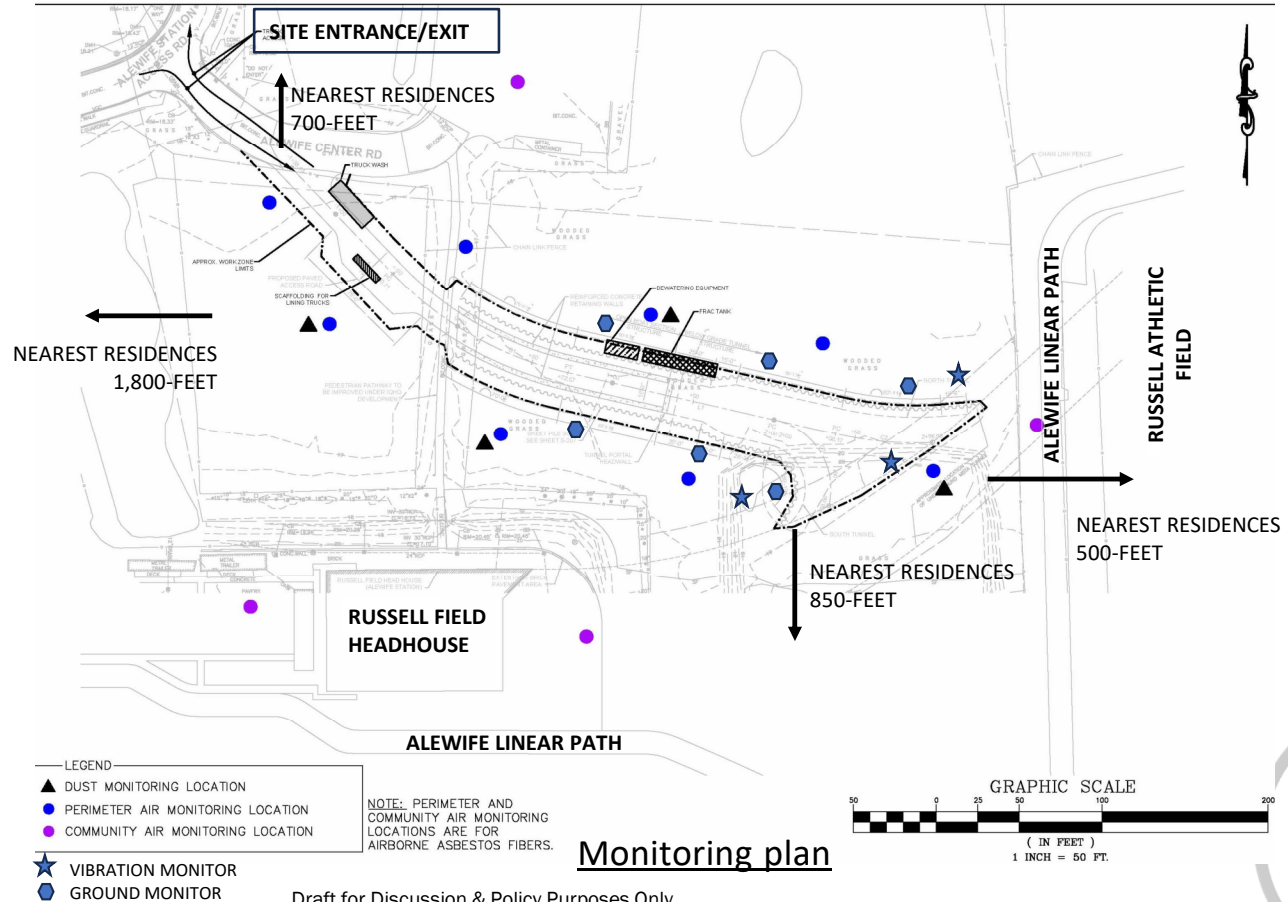


Plan View – Sites 1 to 5

Project Overview

Construction

- Install erosion control
- Install air & vibration monitoring
- Install temporary system (walls, plug)
- Excavate soil (per ram plan/NTWP)
- Install bracing for temporary system
- Install working slab
- Partially build structure
- Remove final bracing, build remaining structure and backfill
- Break into existing tunnel
- Install final plantings



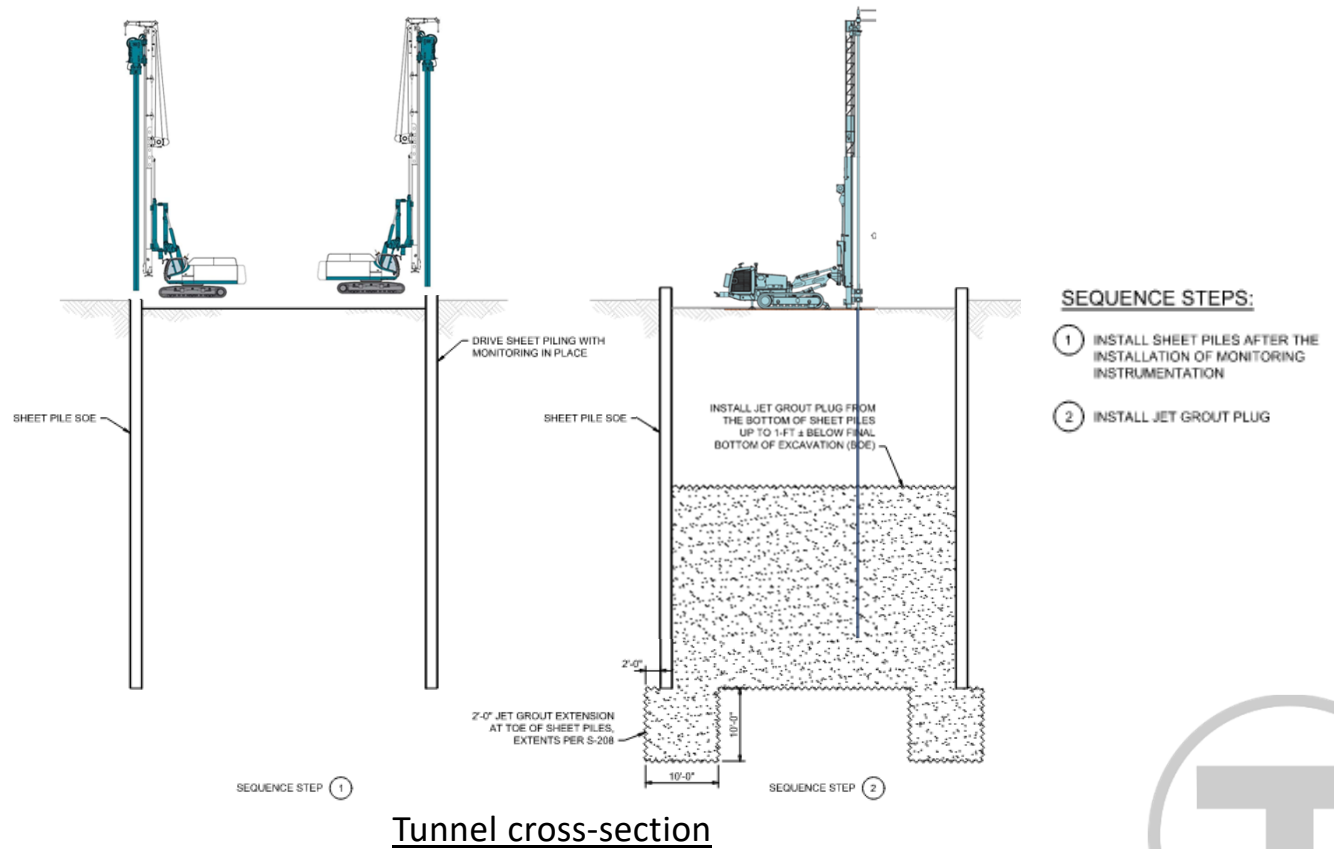
Monitoring plan

Draft for Discussion & Policy Purposes Only

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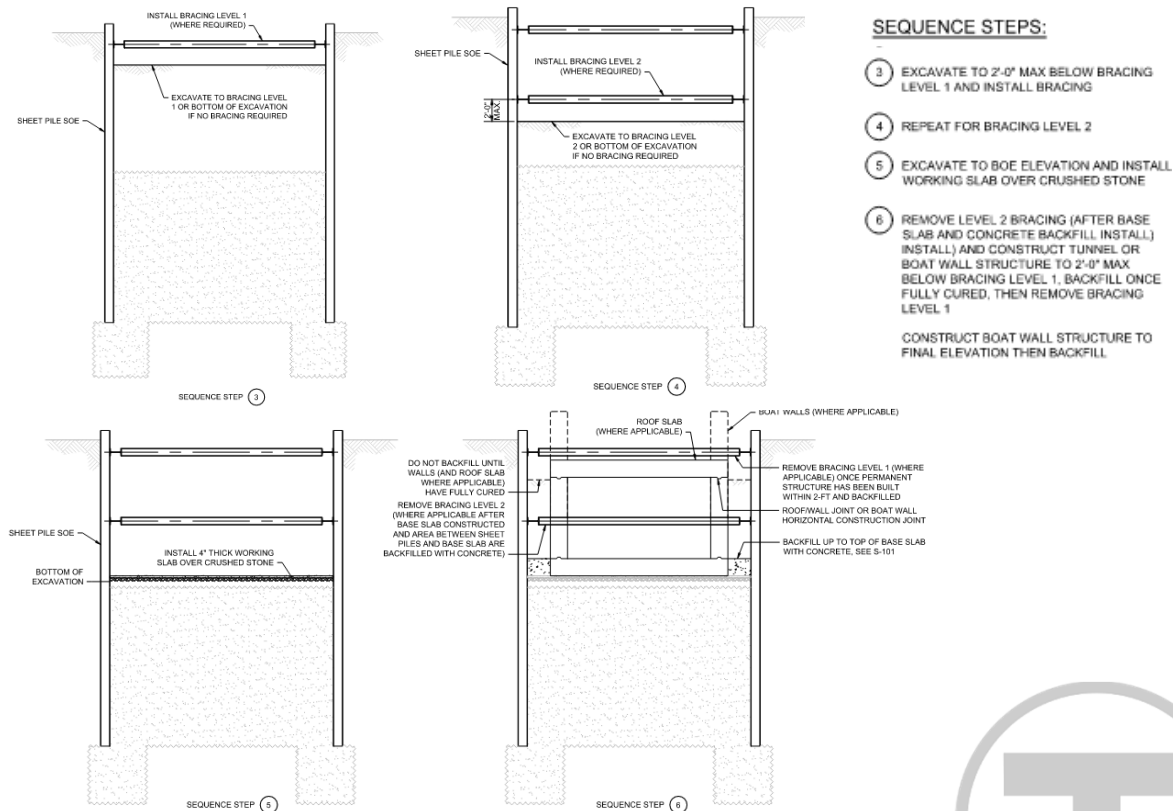
Example soil excavation



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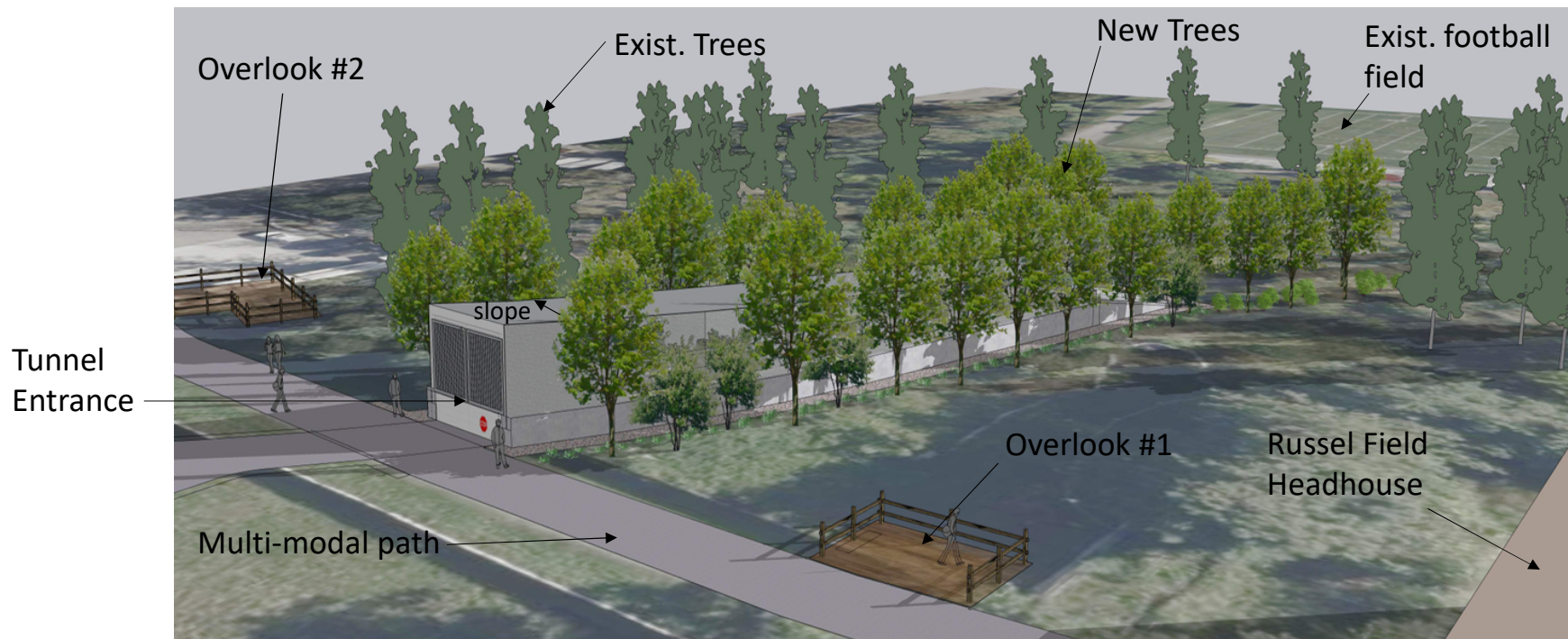


Tunnel cross-section



Project Overview

Final Conditions



Project Rendering

Project Benefits

- Improved Red Line reliability
- Shorter and less frequent Red Line shutdowns
 - ✓ *Faster customer commutes*
 - ✓ *Fewer vehicular traffic impacts*
 - ✓ *Fewer buses and bus operators*
 - ✓ *Lower bus fuel and maintenance costs*
- Reduced diesel emissions due to shorter in-tunnel travel distances for hi-rail vehicles
- Increased track time and productivity for both non-revenue and revenue work
 - ✓ Maintenance and capital projects can be completed faster and cheaper
 - ✓ More work during non-revenue hours in lieu of a Red Line shutdown
- Operations, maintenance, and capital savings will fully offset the estimated project cost within several years – *the project will pay for itself*

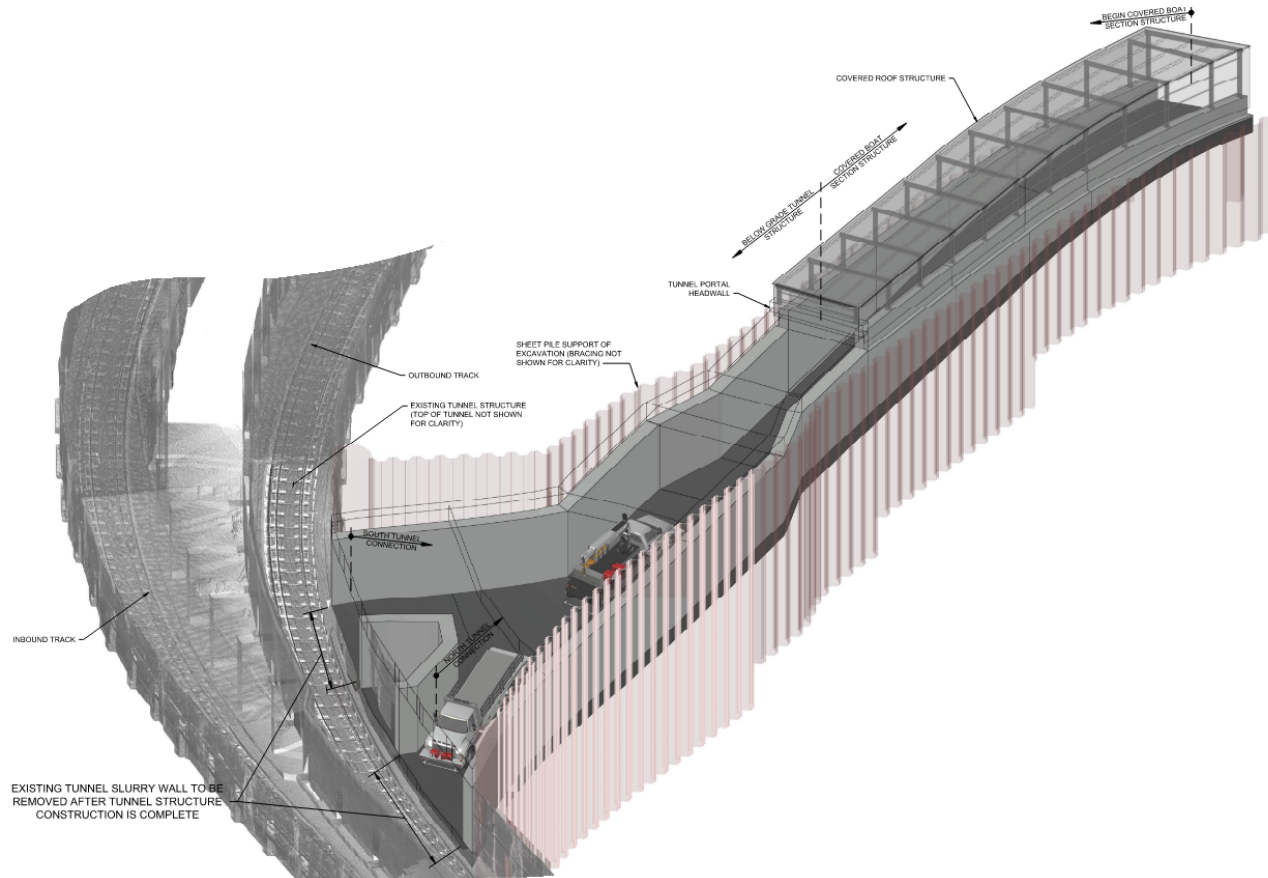


Project Timeline

- Draft Ram Plan/Non-Traditional work plan – Aug 22, 2024
- PIP Meeting – Sep 30, 2024
- PIP Comment period end date – Dec 8, 2024
- NOI Approval w/special conditions – Dec 16, 2024
- PIP Comment responses – Feb 6, 2025
- **Project update for public – March 2025**
- Taking for project easement complete – Oct 2025
- Project Advertisement – Nov 2025
- Construction Notice To Proceed – March 2026
- Final Ram Plan/Non-Traditional work plan – April/May 2026
- **Mobilization – June 2026**
- **Construction completion – March 2028**



Questions?



Raising Your Hand

- Please use Zoom’s “Raise Hand” feature to indicate if you have a comment
 - All participants are muted upon entry so that only the presenters can be heard. Please raise your hand and the meeting host will ask you to unmute so that you can state your question/comment.
- Por favor de usar el encero de levantar la mano en Zoom para indicar que usted tiene algún comentario o pregunta.
 - Todos los participantes en esta llamada están silenciados, para que solo los presentadores se puedan oír. Cuando usted levante su mano, manda un alerta a la moderadora que quisiera hablar. La moderadora le quitará el silencio para que pueda hacer su pregunta o comentario.
- 如果您有评论，请使用 Zoom 的“举手”功能。
 - 所有的参与者在进来时都被静音了以便于只听到演讲者。请举手，会议主持人将让您取消静音，以便您陈述您的问题/评论。



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



Send a chat
to the moderator



***9**
Raise Hand

