Welcome
Frederick Douglass Tunnel Program
Virtual Open House

Please scan QR code to sign-in to the meeting.
Purpose of Tonight’s Meeting

▪ Provide an overview of Frederick Douglass Tunnel (FDT) Program
▪ Share updates on construction activities
▪ Discuss community investment initiatives
▪ Solicit input from the public on the Program
Program Overview

The Frederick Douglass Tunnel Program will modernize a key section of the Northeast Corridor (NEC)

- 10 miles of rail improvements along the NEC
- ~2 miles of new tunnel per bore in West Baltimore (two tunnel bores)
- New and improved railroad infrastructure
- New ADA-accessible West Baltimore MARC Station
- All electric passenger trains through new tunnel tubes
- State-of-the-art modern fire/life safety systems
- 5 Bridge replacements in Baltimore City (2 roadway, 3 railroad bridges)
- 11 Baltimore City roadway modifications
- Noise barriers in Midtown Edmondson and Greater Rosemont communities
Program Benefits

- $50 million for Community Investments
- Increased Access to Regional Jobs for Baltimore City residents
- Approximately 20,000 Jobs Generated over the course of construction
- Improved Accessibility of West Baltimore MARC Station
- Environmental Sustainability: addition of electrified trains and solar powered facilities and stations
- Access to Salvage Materials for residents of Midtown Edmondson and Edmondson Avenue Historic Districts
- Construction of a New Tunnel, named in honor of Frederick Douglass
- Improved Trip Time. Travel from Baltimore to Washington in under 30 minutes
- Reliability, Redundancy, and Resiliency for MARC and Amtrak trains
- Complete Modernization of Amtrak’s Northeast Corridor in West Baltimore

Amtrak.com/fdtunnel
Program Sequencing

Order of key program starts

- Property Acquisitions
- Demolition & Salvage
- Pre-construction surveys
- Community Investment Projects
- Track & Tunnel Construction
- Vent Facility Construction
- Testing & Commissioning
- Program Complete
- W Baltimore MARC
- Bridge Construction
- Workforce Training
- Roadway and Utility Construction
- Contractor Mobilization
- Public Engagement
Upcoming Demolition Activities

Demolition is slated to start to reduce the number of vacant properties. Early sites being removed include:

- 900 W North Ave
- 2000 Linden Ave
- 1000 blk N Payson St
Deconstruct and Salvage

The Programmatic Agreement (PA) requires Amtrak to make materials salvaged from deconstructed historic buildings available for free to the Midtown Edmondson and Edmondson Avenue Historic districts.

- Salvaged material will be collected, catalogued, and photographed
- Items will be stored in a location accessible to the community
- The full process to request salvaged items will be published on fdtunnel.com
Historic Preservation Grant Fund

This $2.75M fund is for the exterior stabilization, repair, restoration, and rehabilitation of properties within the Midtown Edmondson and Edmondson Avenue Historic Districts.

Image shown is for FD Tunnel Program areas eligible for historic preservation funding

*Area of Potential Effect

Tier 1 Historic Architectural APE*
Tier 2 Midtown Edmondson Historic District
Tier 2 Edmondson Avenue Historic District
Proposed Lafayette/Payson Park Relocation

- Propose the temporary relocation of the park to the corner of N. Pulaski & W. Lanvale Streets
- Coordinate with Baltimore City Recreation and Parks and adjacent community in coming months
Context Sensitive Design Concepts

Designs being developed incorporate features of historic buildings and the new rail line including:

- Materials (stone, concrete, brick)
- Form
- Scale
- Design
- Color
- Texture

These will be applied to project elements including:

- Retaining walls
- Noise barriers
- Ventilation facilities
- Fences

New retaining walls aesthetically blend the rail line’s historic use of stone and concrete.
Noise Barriers will be designed to reduce noise experienced at properties adjacent to the rail line. Barriers will be included in the following general areas:

- Noise Barrier
- New Track Alignment
Noise Barrier Treatment

Community members can give comments on the color, decoration, stencil / imprint, mural location, and texture of the noise barriers. Tell us which of the following you prefer.

A  B  C  D
Ventilation Facilities

Ventilation facilities are an important feature of a tunnel system. In the unlikely event of an emergency, these National Fire Protection Association (NFPA 130) compliant facilities provide safe and efficient evacuation routes between the tunnel and street level.

Key features of the ventilation facilities include:

- Emergency lighting
- Access to the tunnel for the Baltimore City emergency services
- Egress (plenum - small tunnel with staircase leading passengers to surface/street level)
- Fire standpipe (fire hydrant connection)
- Ventilation fans circulate fresh air into the tunnel and, in the event of an emergency, extract smoke
North Ventilation Facility
North Ventilation Facility
Intermediate Ventilation Facility
Intermediate Ventilation Facility
South Ventilation Facility
South Ventilation Facility
North Portal
Following public input, the following adjustments have been made to the design:

- Flat canopy design with solar panels
- New public restroom
- New policing substation
- Public art at station
What To Expect in Upcoming Months

As work ramps up on the Program, we will continue to coordinate with the community on several items related to construction activities. Upcoming communications with the community include:

**Property Demolitions**
- Notification of work to adjacent properties
- Equipment mobilization
- Traffic / Roadway detours

**Lafayette / Payson Park**
- Community meeting to discuss park options

**Roadway Modifications**
- Meetings with Dorothy I. Height E.S & adjacent communities

**Coordination with Baltimore City**
- Planning Commission
- CHAP – historical treatments
- City Council – real estate approvals
- Recreation and Parks – Lafayette/Payson Park
## Community Investment Program Categories

In March of 2017, a Record of Decision (ROD) was issued by FRA on the preferred alternative for the Frederick Douglass Tunnel (formerly B&P Tunnel Replacement) Program.

<table>
<thead>
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<th>Category</th>
<th>Example</th>
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<tbody>
<tr>
<td>Workforce Development</td>
<td>Internships, apprenticeships, job-training</td>
</tr>
<tr>
<td>Community Development</td>
<td>Adult/child services, community wi-fi</td>
</tr>
<tr>
<td>Neighborhood Development</td>
<td>Street beautification</td>
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<tr>
<td>Transportation</td>
<td>Multi-modal transportation programs</td>
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<tr>
<td>Open/Greenspace, Parks, Facilities, and Gardens</td>
<td>Vacant lot rehabilitation, beautification initiatives</td>
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<tr>
<td>Historic Preservation*</td>
<td>Midtown Edmondson and Edmondson Avenue Historic Districts</td>
</tr>
</tbody>
</table>

*Historic preservation projects will be handled through a separate process under a Programmatic Agreement among Amtrak, FRA, and the Maryland Historic Trust (SHPO).

**AMTRAK IS DEVELOPING A PROCESS FOR DISBURSING FUNDS**
Community Investment Program Area
Community Investment Program

Amtrak has committed $50M for investments in the communities along the program corridor. The major investment categories include:

• Workforce Development
• Community Development
• Greenspace Creation
• Transportation Upgrades
Breakout Room Etiquette

- Each participant will be given an opportunity to visit each room. Please wait until you are rotated into the proper room topic to ask specific technical questions.
- To allow everyone to participate, please use the chat function to submit questions to our team. Once your question is submitted, please raise your hand and our moderator will unmute you to ask your question.
- Please keep questions as succinct as possible so that our technical experts can readily understand the issue. We will limit all questions to 2 minutes.
- We understand that we may not be able to answer all the questions asked this evening. Please use the Comment Card QR code or link to submit any follow up questions.

- To preserve bandwidth for the meeting, please place your microphone on silent and deactivate your camera
Thank you for joining us. We look forward to working with you on this important project!
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Frederick Douglass Tunnel Program

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