B&P Tunnel
Replacement Program
Pre-Construction Meeting

Wednesday September 14, 2022 - 6:00pm
Perkins Square Baptist Church
# Safety and Security Briefing

<table>
<thead>
<tr>
<th>Emergency Preparation</th>
<th>Evacuation</th>
<th>Situational Awareness</th>
<th>Health and Welfare</th>
<th>Security</th>
<th>Cybersecurity</th>
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<tbody>
<tr>
<td>Ensure all parties know the physical address of your location</td>
<td>Communicate the need to evacuate</td>
<td>Proactively identify and mitigate hazards</td>
<td>Take seasonal precautions</td>
<td>See something, say something</td>
<td>Pay attention to phishing traps in emails</td>
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<tr>
<td>Discuss location and retrieval of emergency equipment</td>
<td>Follow facility evacuation plan</td>
<td>Always be cognizant of your surroundings</td>
<td>Isolate if sick</td>
<td>Active Shooter: Flee, Hide, Fight</td>
<td>Do not click on links or attachments from unknown sources</td>
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<tr>
<td>Identify who is CPR qualified, who will call 911 and their backup</td>
<td>Assist those who may need help evacuating</td>
<td>Follow rules and policies</td>
<td>Make wellness a priority</td>
<td>Display and verify proper identification</td>
<td>Report all suspicious activity and cyber incidents</td>
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<td>Communicate the site evacuation plan</td>
<td>Wait for permission to re-enter the facility</td>
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Meeting Purpose

- Share information about the upcoming Program construction work:
  - Warwick Avenue Bridge
  - Lafayette Avenue Bridge
  - General construction
- Solicit feedback from the community
- Provide updates on program activities
Today’s Agenda

- B&P Tunnel Replacement Program Overview
- Amtrak in the Community
- Community Investment Projects
- Upcoming Program Activities
  - Warwick Avenue Bridge Replacement
  - Lafayette Avenue Bridge Replacement
- Potential Construction Impacts
- Next Steps
Project Team

Jeff Ensor
Amtrak Project Management

Danelle Hunter
Amtrak Outreach Management

Mark Milton
Amtrak Project/ Construction Management

Odessa Phillip, PE* and Nikia Mack
Outreach Team

Dan Warren, PE and Jeremy Mocny, PE
Design Team

* Tonight’s Presenter
Program Overview
Existing Tunnel Facts

- Opened in 1873
- Located between West Baltimore MARC and Baltimore Penn Station
- Is a crucial link for Amtrak and MARC Penn Line on the Northeast Corridor (NEC)
- Current tunnel is 1.4 miles long
B&P Tunnel Replacement Program

The Program includes the complete modernization of Amtrak’s Northeast Corridor (NEC) in West Baltimore. Elements of the program:

- New and improved rail tracks
- New ADA compliant West Baltimore MARC Station
- Bridge and roadway reconstruction
- Modern fire/ life safety systems
- New Frederick Douglass Tunnel
- Community investment projects
Key Benefits of Program

INCREASED BENEFITS
Increased service reliability, capacity and speed

30 MINUTES
Travel from Baltimore to Washington in under 30 minutes

ACCESSIBILITY
Creating accessibility for all with new ADA-accessible WBAL MARC Station

20,000 JOBS
Project will generate approx. 20,000 jobs over course of construction and $50 million for community investments
New Frederick Douglass Tunnel alignment which will replace the current B&P Tunnel.
Preliminary Schedule*

* Working Draft, subject to revision
Amtrak in the Community

Amtrak is committed to investing in West Baltimore.

- West Baltimore MARC Station Pop-up Meeting (June 2022)
- Community Clean-up (July 2022)
Community Investment Projects
Community Investment Criteria

Amtrak has established a $50M fund for community investments in West Baltimore.

Areas of focus for community investment
- Workforce Development
- Community Development
- Greenspace Creation

It is our objective to invest in program(s) or initiative(s) that:
- Provide economic impact to the community
- Provide job skills and/or training that can lead to long term employment
- Make a positive impact on West Baltimore
Community Investment Criteria (cont’d)

Amtrak is looking to support projects or organizations that meet specific criteria as they relate to the delivery of community investment projects. These include:

- **Community investment - must align with the following key considerations**
  - Funding commitment
  - Community need & benefit
  - Capacity to deploy funds
  - Prior Community Partnership
  - Diversity of engagement
  - Broadest community reach

- **Priority of Location**
  - West Baltimore
  - Proximity to project area
  - Within ¼ mile of the project alignment
Upcoming Project Activities
Warwick Avenue Bridge Reconstruction
Warwick Avenue Bridge
Existing Condition

Looking North on Warwick Avenue
Warwick Avenue Bridge Project

Project Location
• Amtrak Railroad Bridge over North Warwick Avenue

Project Limits
• North Warwick Avenue between 300 N Warwick and Lexington St

Project Highlights
• New roadway surface on N. Warwick Avenue
• Install high visibility LED lighting
• Construct ADA accessible pedestrian walkways
• Install ornamental safety railing on sidewalk along roadway
• Install safety fencing
Warwick Avenue Bridge Renderings

Looking Northeast on N. Warwick Avenue
Warwick Avenue Bridge Renderings

Looking Northeast on N. Warwick Avenue
Warwick Avenue Bridge Renderings

Looking Northwest on N. Warwick Avenue
Warwick Avenue Bridge Construction

Construction Workflow
• Prepare bridge site along Warwick Avenue
• Build new abutments under existing bridge
• Construct new bridge next to existing bridge
• Cut and remove existing bridge
• Shift new bridge into place

Anticipated Construction Schedule
• Spring/Summer 2023 thru Fall/Winter 2024
Warwick Avenue Bridge Project – Construction Approach

Staged Bridge Construction
• Partner with BC DOT to minimize traffic interruptions (car, pedestrian, bike)
• Maintain Amtrak and MARC NEC rail service

Accelerated Bridge Construction (ABC) technique
• Use to maximize construction activities within allowable track and street closure timeframes

Temporary Impacts to Traffic Operations
• Implement lane shifts
• Narrow travel lanes, as needed
• Implement intermittent short-term closures with detours
• Place temporary parking restrictions
Warwick Avenue Bridge Project
Traffic Operations – Detour Route

Northbound N Warwick Avenue Detour:
W. Lexington St. to N. Smallwood Ave. to W. Franklin St.

Southbound N Warwick Avenue Detour:
W. Mulberry St. to N. Smallwood St. to W. Lexington St.
Lafayette Avenue Bridge Reconstruction
Lafayette Avenue Bridge Project

**Project Location**
- West Lafayette Avenue Bridge Replacement

**Project Limits**
- Lafayette Avenue between N. Bentalou and N. Pulaski St

**Project Highlights**
- New bridge structure and roadway surface
- Install high visibility LED lighting
- Construct ADA accessible pedestrian walkways
- Install ornamental safety fencing

*West half of bridge will be replaced later to improve bridge geometry/safety*
Lafayette Avenue Bridge Project

Anticipated Construction Schedule
• Winter/Spring 2024 thru Fall/Winter 2024

Construction Workflow
- Prepare bridge site near the Lafayette Avenue Bridge
- Deconstruct existing bridge (east half only)
- Construct new bridge approach and retaining walls within enclosed site

*West half of bridge will be replaced later to accommodate bridge geometry/safety
Lafayette Avenue Bridge

Looking North at Existing Bridge

Looking North showing proposed
Lafayette Avenue

- 1' Sidewalk
- 6' Sidewalk
- 15' Shared Travel Lane
- 15' Shared Travel Lane
- 6' Sidewalk

44'
Next Steps
Outreach Schedule

- **July 2022**: West Baltimore MARC Community Clean-Up
- **OCT/NOV 2022**: Community Investment Task Force Meeting
- **SEPTEMBER 2022**: Pre-Construction Public Meeting
- **Feb/Mar 2023**: Community Information Session
Stay Involved

To learn more about future engagement opportunities:

Visit our Website: https://www.bptunnel.com

Follow us on Instagram: @BPTunnel

Follow us on Facebook: B&P Tunnel Replacement Program
Thank You!