



Frederick Douglass Tunnel

B&P TUNNEL REPLACEMENT



Industry Day

Coppin State University

Thursday, March 2, 2023

Safety and Security Briefing



Emergency Preparation

Our physical address is 2500 W. North Ave. Baltimore, MD 21216

Who will call 911, and who is their backup?

Who is CPR/AED qualified?

Emergency equipment location

Evacuation plan



Evacuation

Communicate the need to evacuate

Follow facility evacuation plan

Assist those who may need help evacuating

Wait for permission to re-enter the facility



Situational Awareness

Proactively identify and mitigate hazards

Always be aware of surroundings

Follow rules and policies



Health and Welfare

Wellness is a priority

Take seasonal precautions

Isolate if sick



Security

See something, say something: call 800-331-0008 / text 27311

Active Shooter: Flee, Hide, Fight

Display and verify proper ID on Amtrak property



Cybersecurity

Pay attention to phishing traps in emails

Don't click on links or attachments from unknown sources

Report all suspicious email and cyber incidents



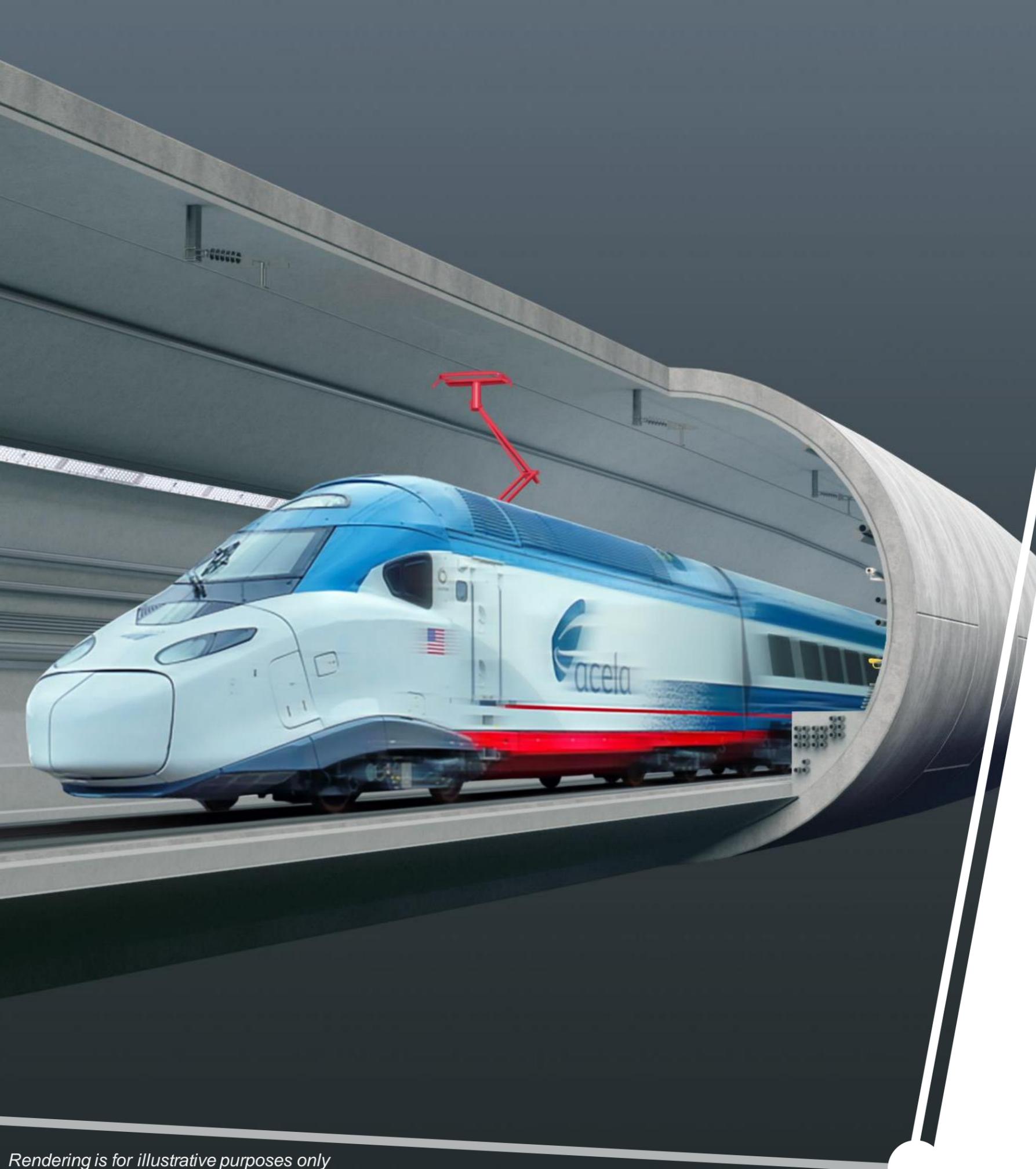
Introductions

- Tony Ryan, Capital Delivery
 - VP of Project Development and Planning Services
- Dr. Anthony Jenkins, Ph.D., CSU
 - 8th President of Coppin State University
- Mark Milton, Capital Delivery
 - Senior Director of B&P Tunnel Replacement Program
- David Abrahams, JV Designer of Record
 - Project Manager
- Martin Klein, Procurement
 - Senior Director of Procurement
- Leatha King, Supplier Diversity
 - Lead Supplier Diversity Specialist



Agenda

1. Safety Briefing
2. Introductions
3. Opening Remarks
4. Welcome
5. Program Overview
6. Procurement Overview
7. Supplier Diversity
8. Q&A
9. Closing Remarks



Opening Remarks

Tony Ryan

VP of Project Development and Planning Services

Coppin State University

Welcome

Dr. Anthony Jenkins, Ph.D.
President, Coppin State University

Program Overview

Mark Milton

Discipline Chief Engineer of B&P Tunnel Replacement Program

David Abrahams

Joint Venture, Designer of Record

Existing B&P Tunnel

Existing tunnel is 150 Years old....Nearly as old as Druid Hill Park!

Carries 9 million MARC & Amtrak passengers per year on the Northeast Corridor (NEC) (MARC's Penn Line)

Top Issues:

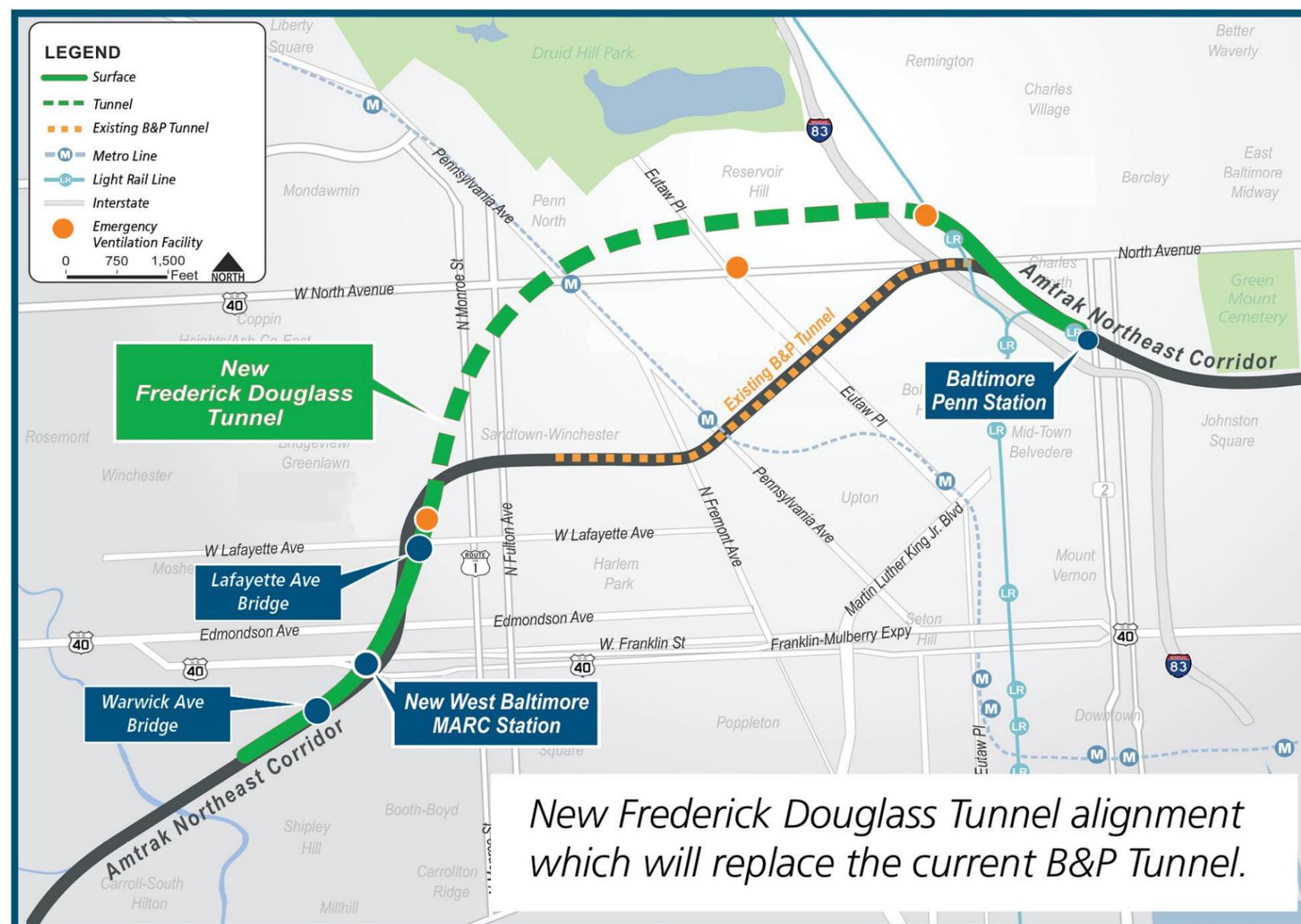
1. Deteriorating structure
2. Excessive water infiltration
3. High maintenance (frequent outages)
4. No redundancy & resiliency
5. Bottleneck (capacity + slow speeds)
6. Too small to add fire/life safety systems



Program Overview

The B&P Tunnel Replacement Program will modernize a key section of the NEC

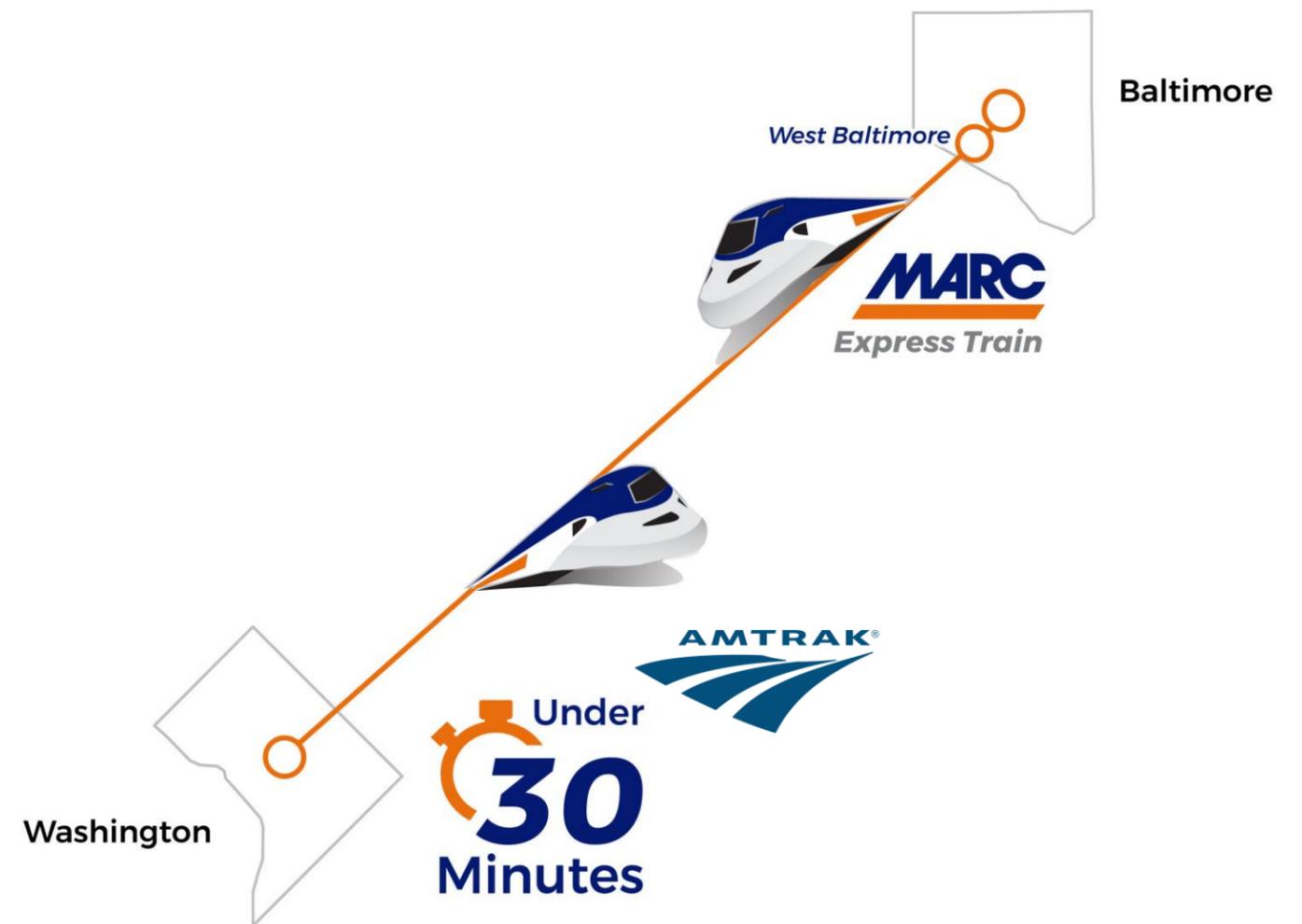
- Includes new Frederick Douglass Tunnel, bridges, track and systems upgrades, new West Baltimore MARC station
- Addresses biggest bottleneck between DC & NJ
 - Increases capacity
 - Reduces trip time
 - Enhances speed & reliability:
 - Saves 7 hours of train delay per weekday
 - 30 mph → 100+ mph



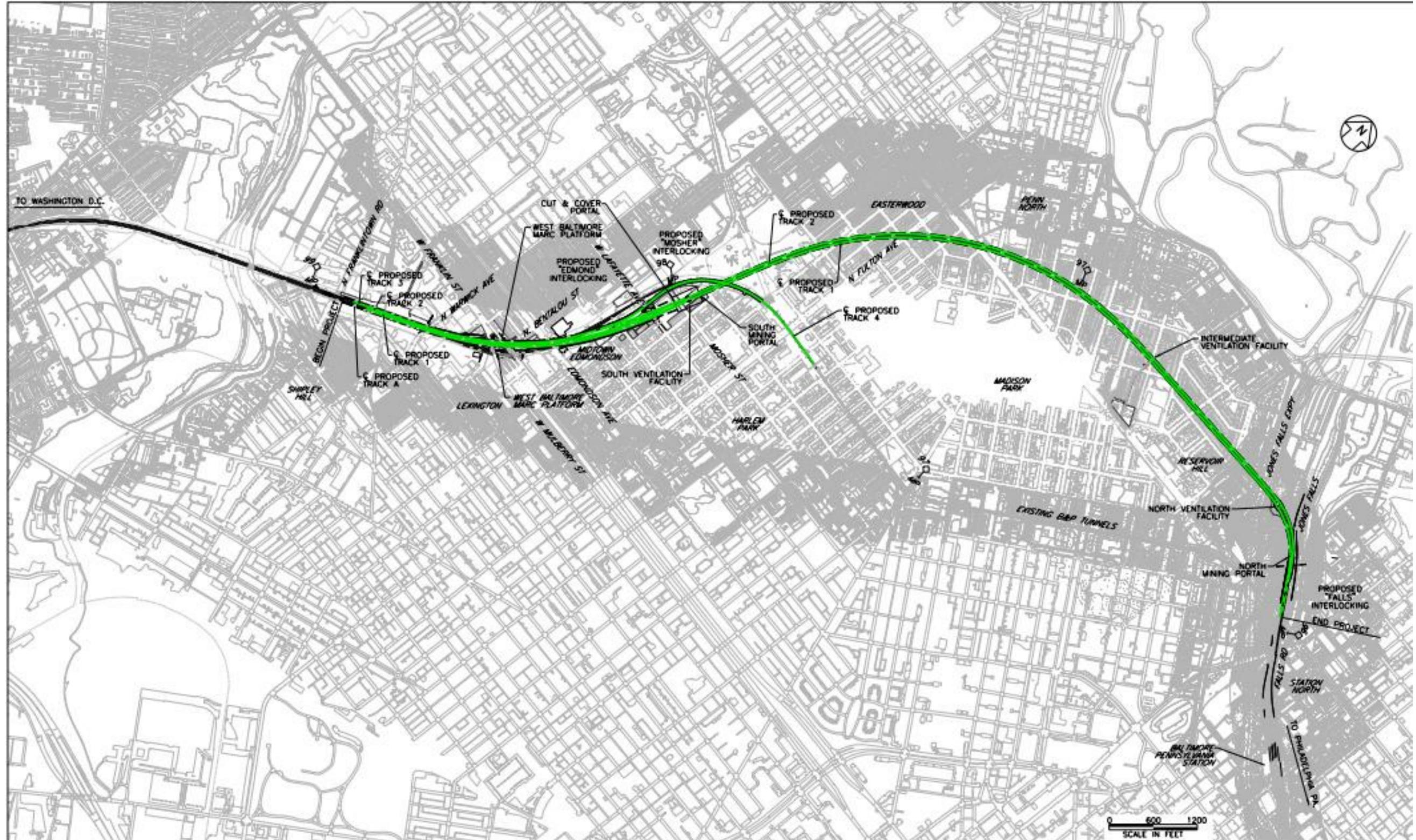
Benefits

Rail Service

- Reduces trip time (less than 30 minute trip DC-Baltimore)
- Increases capacity and speed
- Improves operational reliability
 - Fewer delays
 - Elimination of single point of failure
- Builds a new ADA-Accessible West Baltimore MARC Station
- Adds fire/life safety systems

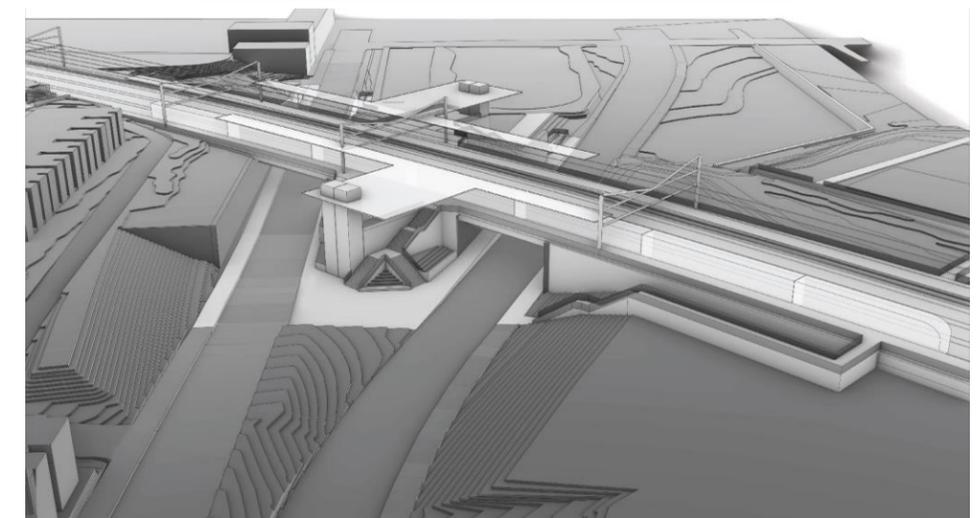
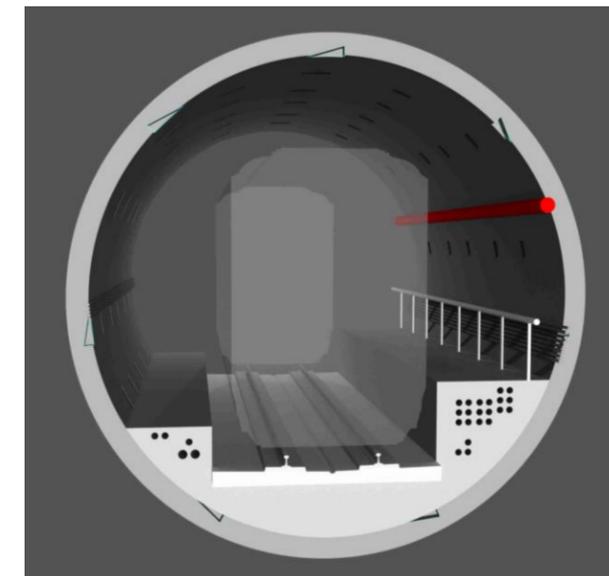


Program Alignment



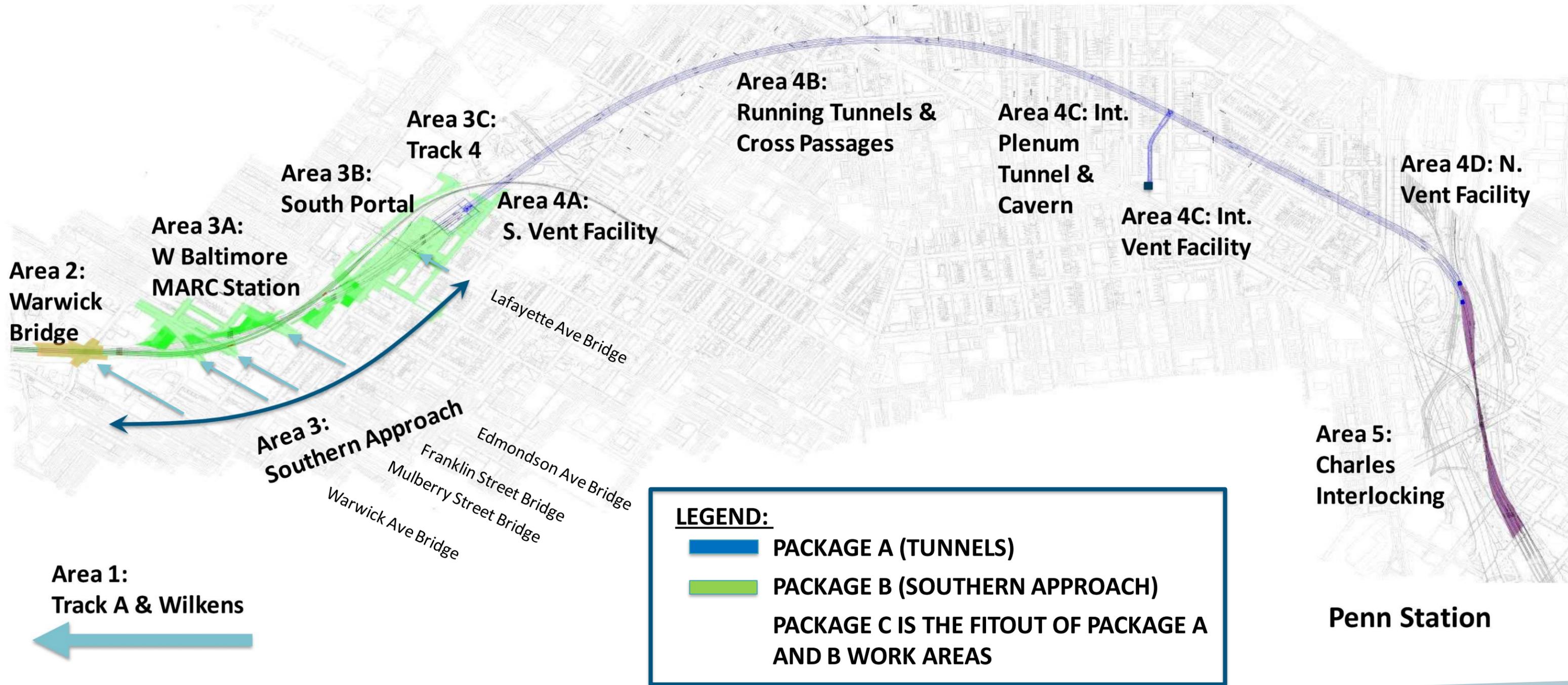
Program Scope Highlights

	Quantity
Tunnel Bores (26' ID)	2
Ventilation Facilities Southern, Intermediate, & Northern	3
Bridge Replacements	5
Undergrade RR (Warwick, Franklin, Mulberry)	3
Overhead Roadway (Edmondson & Lafayette)	2
Commuter Rail Stations West Baltimore (WBAL) MARC	1
Interlockings	5
New (Wilkins, Mosher, Edmond)	3
Replaced (Winans & Charles)	2
Track & Catenary	30+ miles
Retaining Walls	~200,000 SF
Concrete	~600,000 CY



Disclaimer: Rendering is based on current design and is subject to change as design develops.

Program Work Areas



Wilkens Interlocking



Scope of Work

- Track Reprofilng
- Track Widening
- OCS Replacement
- New special trackwork and track side equipment

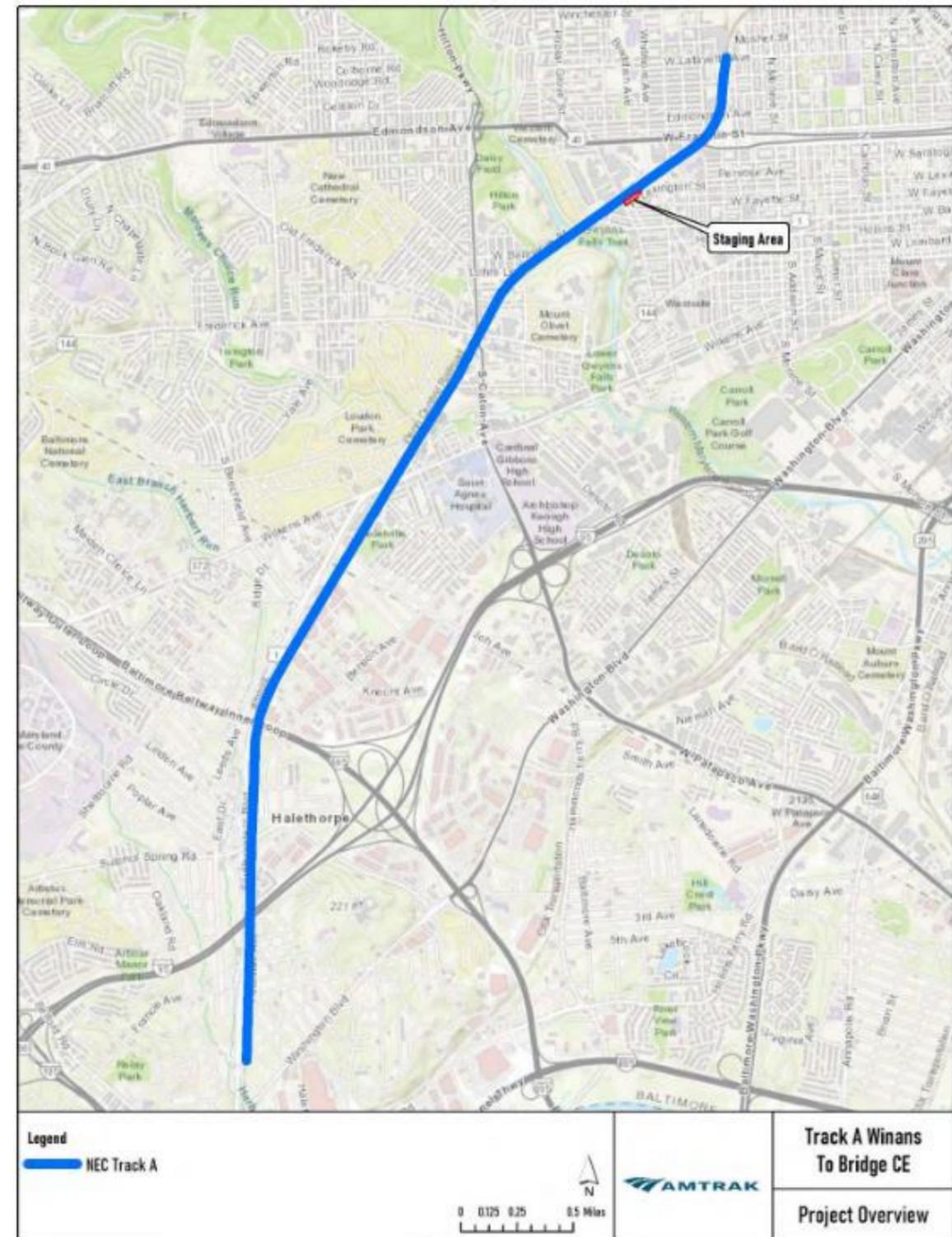


Track A Upgrades

Scope of Work (Internal forces)

Replacing and upgrading approximately five miles of track going from wood to concrete ties in addition to new rail and ballast to increase speeds from 60 to 90 mph. The section of track goes from Halethorpe Station to north of West Baltimore Station.

- Approximately 13,200 new concrete ties and 52,800 feet of new rail
- Approximately 26,500 feet of track undercutting drainage improvements
- Track Reprofilng
- Track Widening
- New special trackwork and track side equipment and infrastructure



Property Demolition

- ~60% Residential (29 properties)
- ~40% Commercial (19 properties)
- Amtrak Real Estate is currently negotiating the acquisitions of the remaining properties.



Warwick Avenue Bridge Replacement



Disclaimer: Rendering is based on current design and is subject to change as design develops.

South Approach - Existing



Existing Area of South Approach

South Approach - Proposed



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West Baltimore MARC Station



DISCLAIMER: PROPOSED WEST BALTIMORE MARC STATION RENDERING BASED ON 30% DESIGN. SUBJECT TO CHANGE AS DESIGN DEVELOPS.

PROPOSED NORTHBOUND STATION ENTRANCE
WEST BALTIMORE MARC STATION DESIGN RENDERINGS
02/23/2023

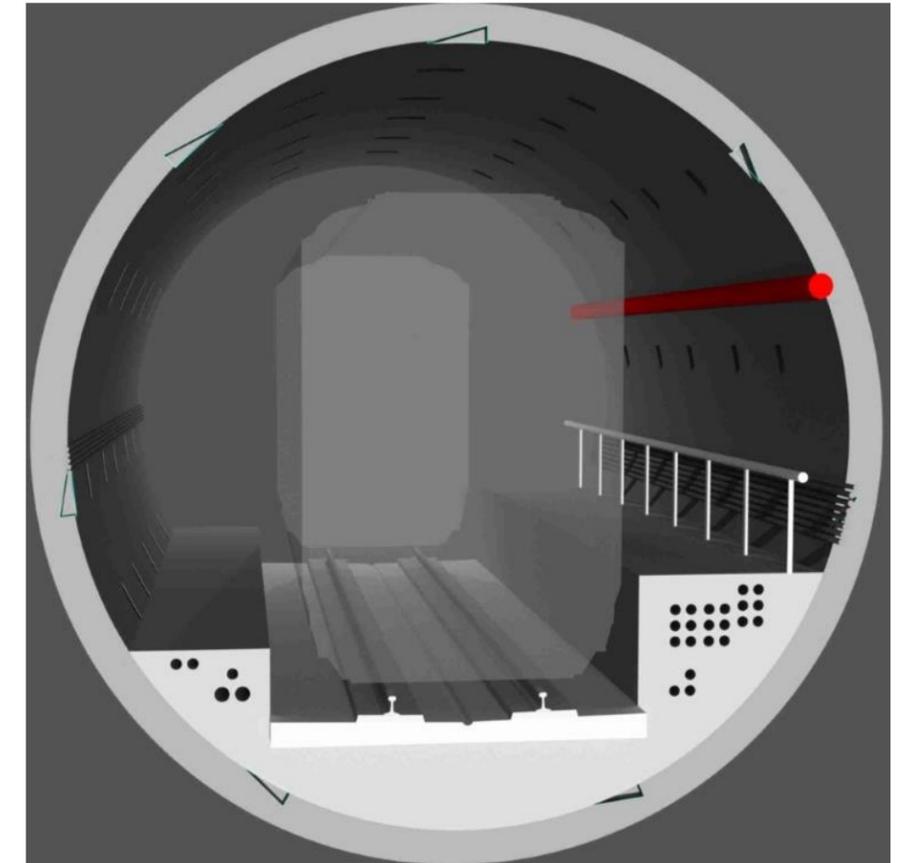
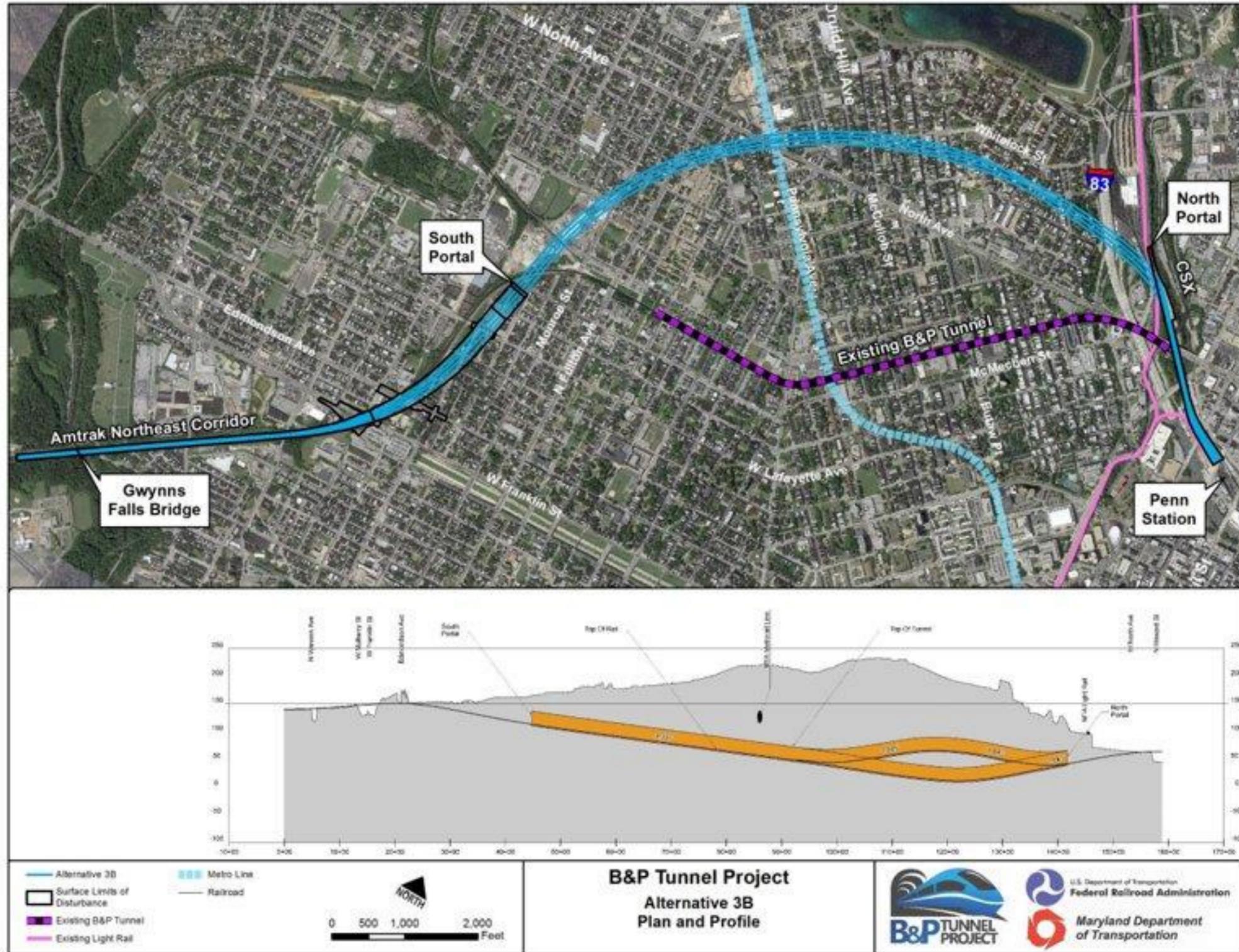


South Ventilation Facility



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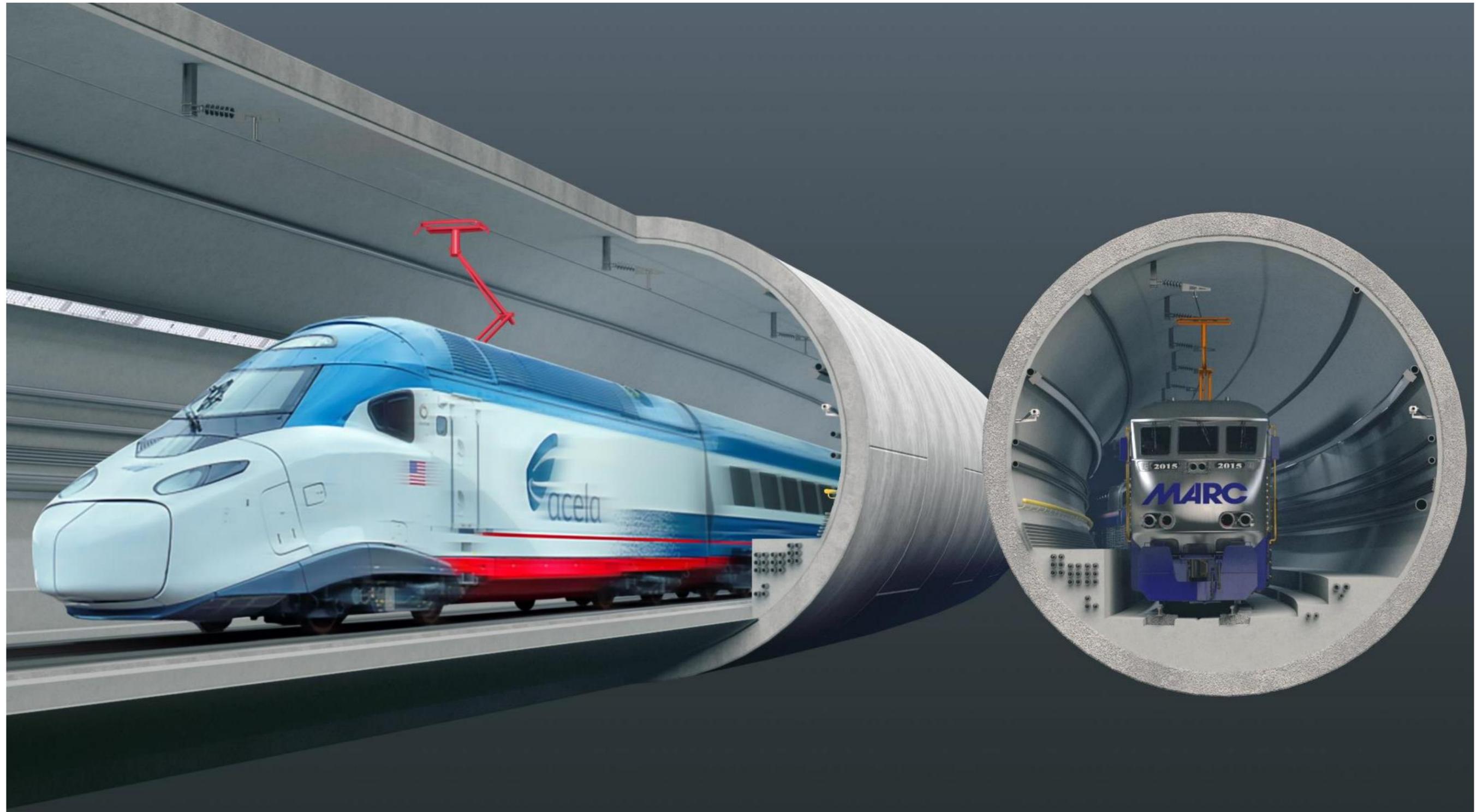
Tunnel Section



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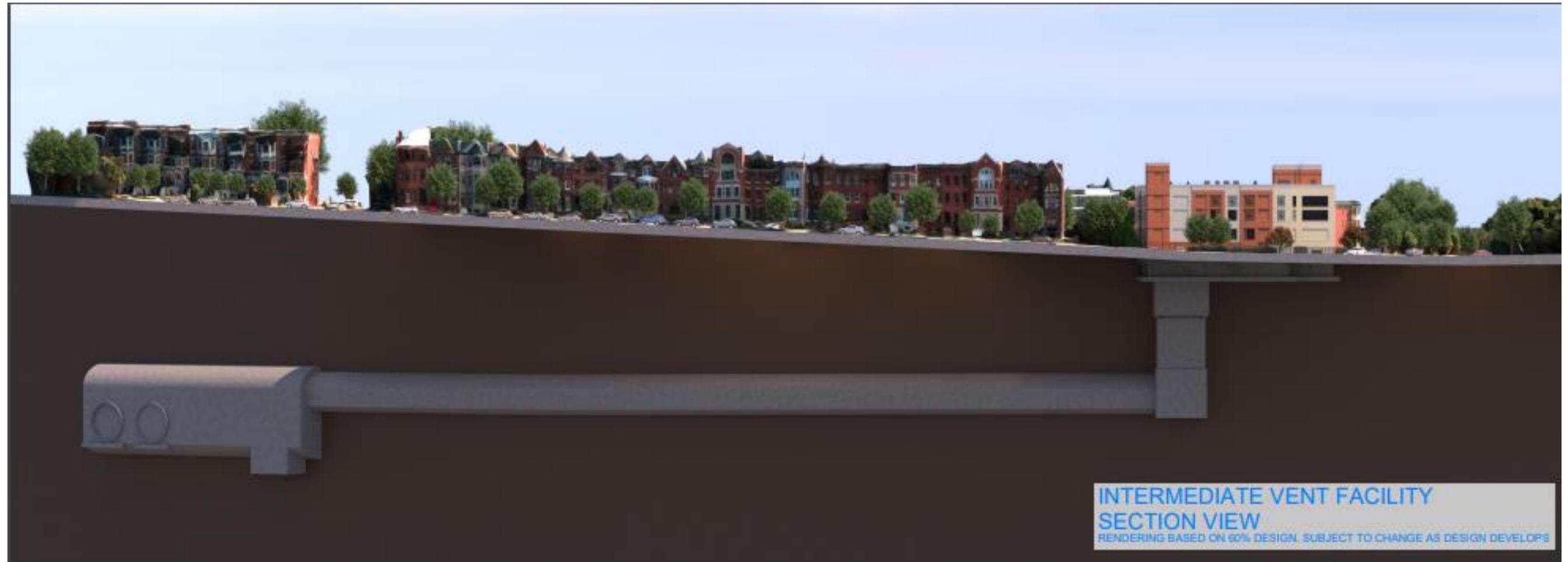


Tunnel Section



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Intermediate Ventilation Facility



North Ventilation Facility And North Portal



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Benefits & Impacts

Benefits & Impacts



COMMUNITY INVESTMENTS

\$50 million for community investments



INFRASTRUCTURE

Improvements to transportation infrastructure



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



Benefits & Impacts

Community Impact

- Amtrak has made a \$50M commitment to invest in West Baltimore communities
 - Community development grants to non-profits
 - Park improvements and community gardens
 - Greenspace / Recreational Facilities / Art
 - Streetscape (including street trees) investments
 - Bike/ped improvements
- \$2.75M toward historic preservation in Baltimore community



Benefits & Impacts

Jobs Impact

- 20,000 jobs created
 - Apprenticeship programs
- Amtrak is committed to local workforce development
 - A jobs center in West Baltimore
 - Partnerships w/ local universities and tech programs
 - Ensuring jobs for individuals of economic and social disadvantage



Project Labor Agreement

- An agreement formally recognizing the PLA is finalized and executed
- The PLA will serve as a collective bargaining agreement governing conditions of employment for workers involved with the Program
 - Will ensure that Amtrak and NABTU will not suffer labor-related delays in the planning and contracting of major projects
 - Contractors and Subcontractors share Amtrak's commitment to paying fair wages and benefits
 - The agreement applies to members of NABTU's fourteen affiliate organizations, addresses wages, benefits, working conditions, avoiding work disruption, and promoting diversity and veteran hiring in the construction trades.

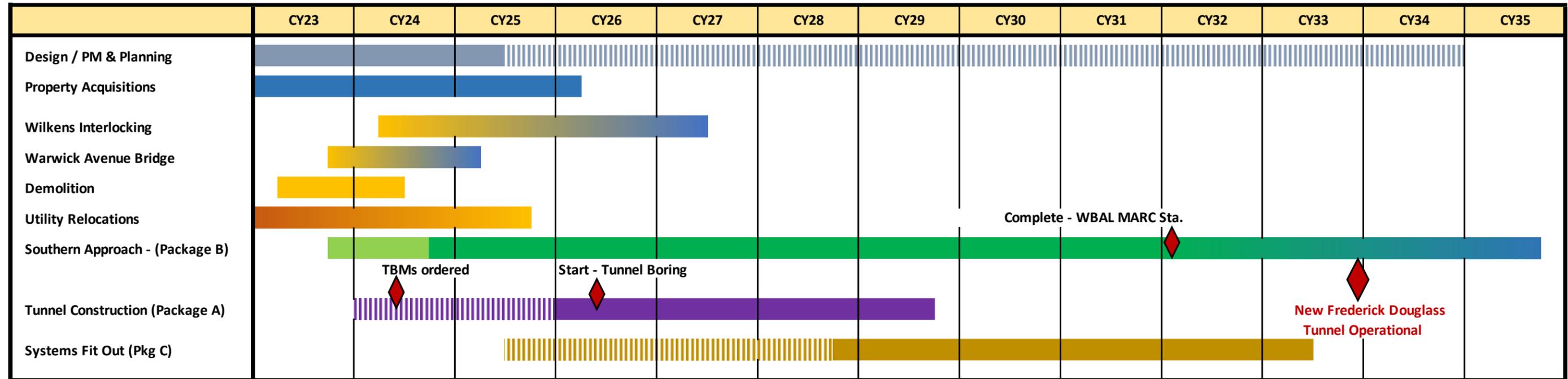


On January 30th President Biden joined Amtrak at event announcing Project Labor Agreement for B&P Tunnel Replacement Program.

Program Schedule



Preliminary Program Construction Schedule*



* - Schedule Based on preliminary design and is subject to change

Procurement Overview

Property Demolition Task Order Contracts

- Single Step procurement process
- RFP X097-22363 released on December 30, 2022.
- Multiple Award Task Order Contract
 - Commercial Property
 - Residential Property
- Status: Proposals are due on March 17, 2023
- Anticipated Award Date: Q2 2023



Warwick Avenue Bridge Replacement (X140-23167)



Disclaimer: Rendering is based on current design and is subject to change as design develops.

- Request for Qualification (RFQ) released on January 27, 2023
- A two-step construction procurement (RFQ-RFP).
- Design-Bid-Build
- 100% Design completed
- Status: Statement of Qualifications due on March 21, 2023. RFP will be released to shortlisted firms on or about April 7, 2023.
- Anticipated Award Date: Q2 2023

B&P Tunnel Replacement -South Approach (Package B)

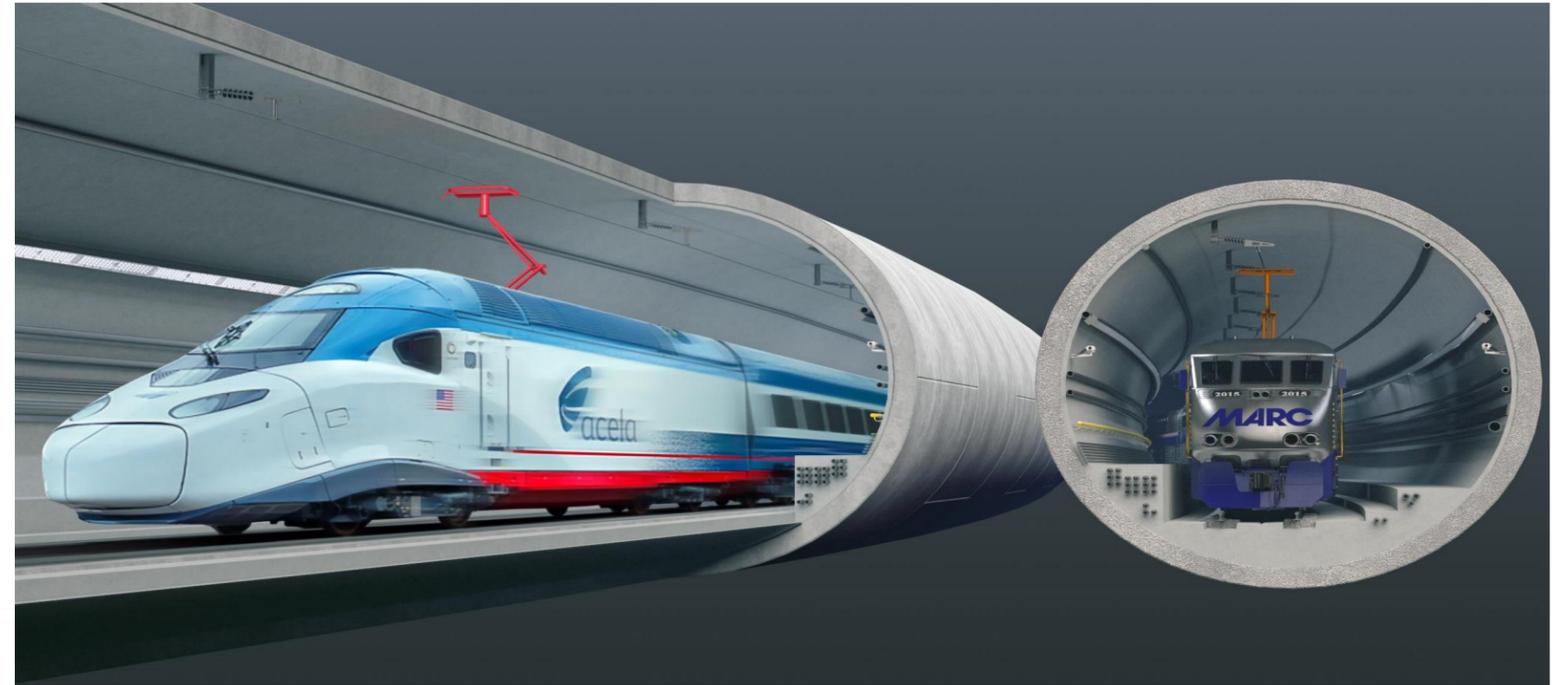
- Construction Manager at-Risk (CMAR)
- RFP X097-22273 released on October 21, 2022
- Anticipated Award Date: May 2023
- Status: Shortlisted Firms will be notified in early March.



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Frederick Douglass Tunnel (Package A)

- Construction Manager at-Risk (CMAR)
- Two-Step Procurement Process (RFQ-RFP)
- Anticipated Released date of RFQ early March
- Anticipated Award Date: Q3 2023

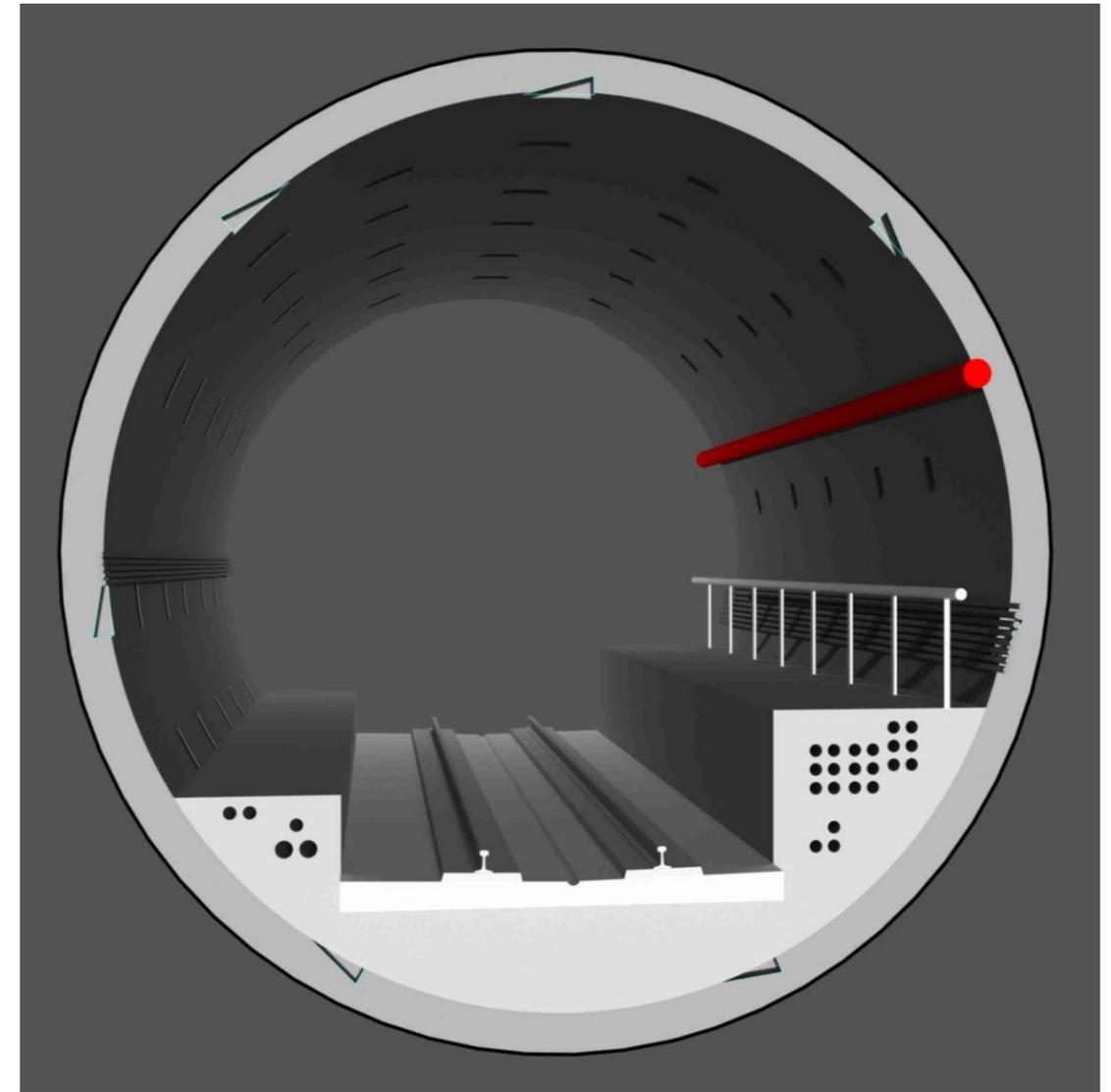


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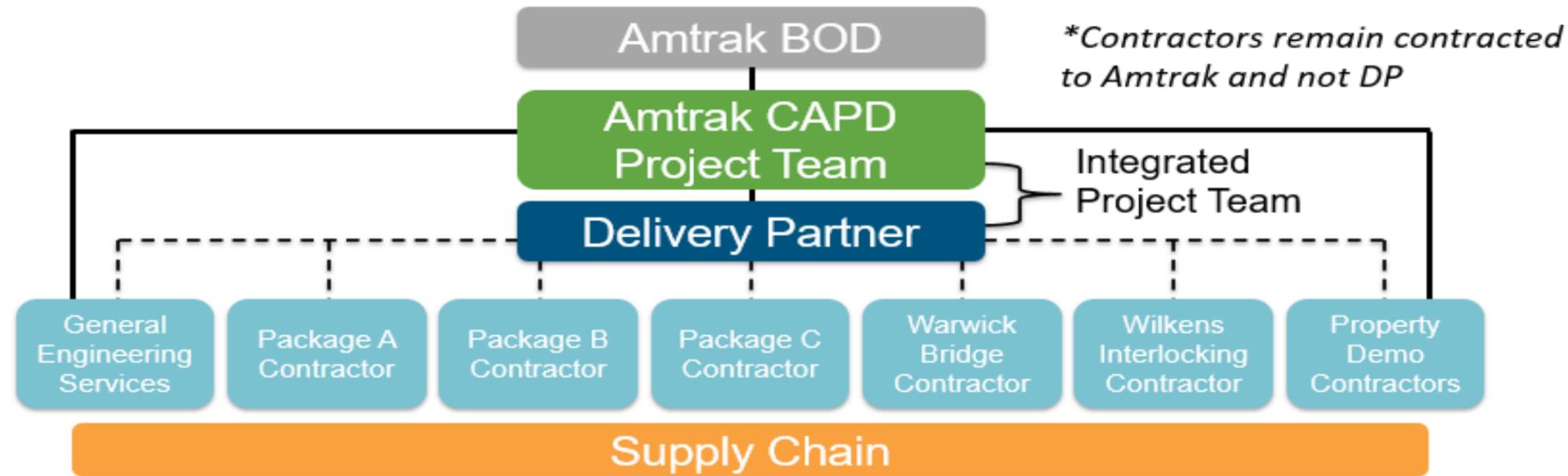
Systems Fit Out and Facilities (Package C)

Anticipated Award Date: Q4 2025



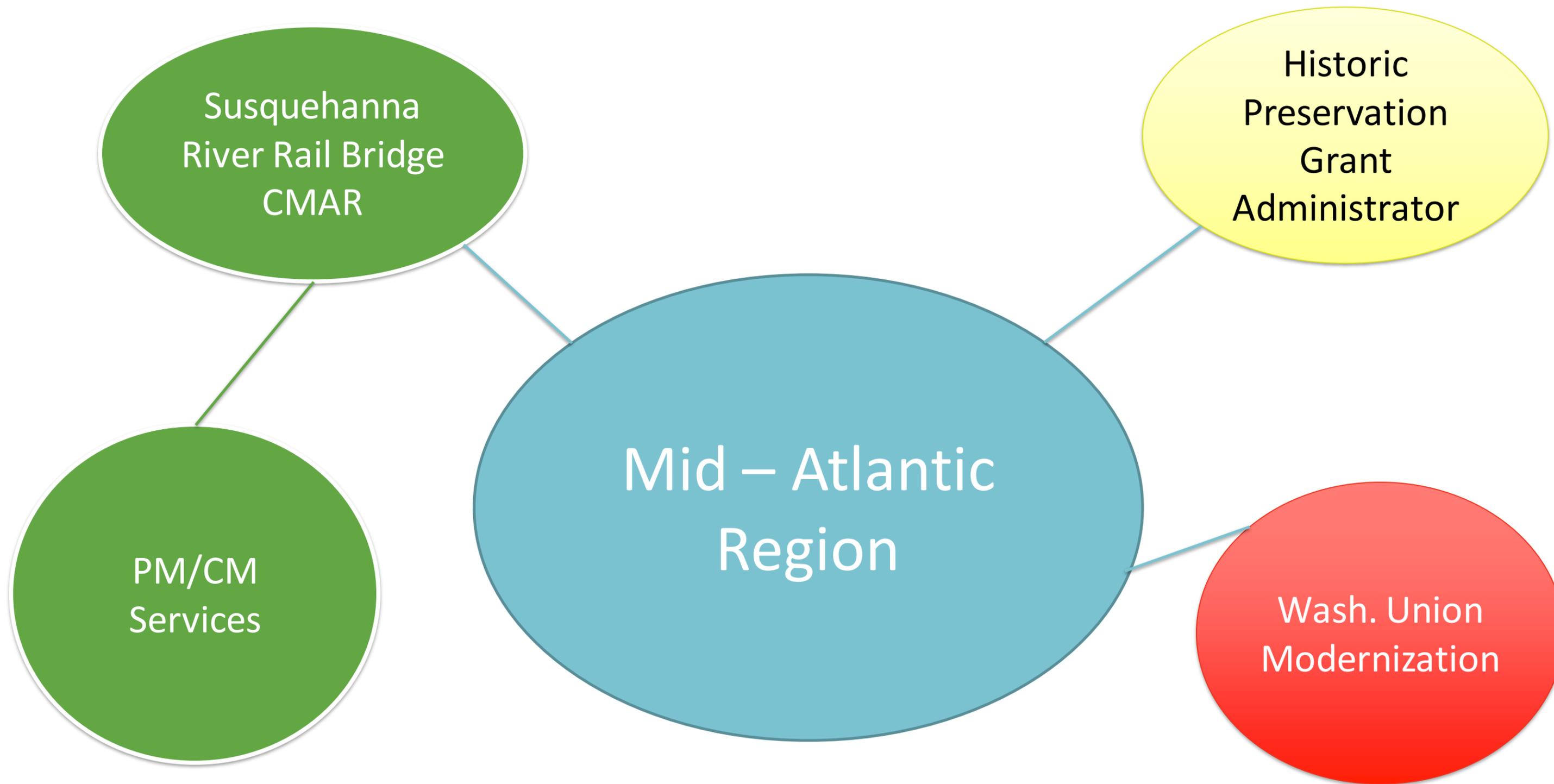
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B&P Tunnel Replacement Program Delivery Partner



- Two- Step procurement process (RFQ-RFP)
- Delivery Partner Services
- RFQ Released on January 31, 2023
- Status: Statement of Qualifications due on April 17, 2023
- RFP will be released on or about May 11, 2023
- Anticipated Award Date: Q4 2023

Upcoming Opportunities - Mid-Atlantic Region



Upcoming Nationwide Strategic Opportunities

GC/Construction

- Regional Master Services Agreements with GC's to support smaller dollar capital projects

Stations Design

- Nationwide Strategy to identify designers in support of stations and related facilities.

Construction Management and Program Management

- Existing contracts expire in Sept. 2024. New Solicitation activities will commence early 2024.

Independent Cost Estimating

- National Strategy to support estimating requests.

PROCUREMENT CONTACTS

For matters related to active or upcoming opportunities in the
Mid-Atlantic Region:

Robert Dixon

Senior Manager, Construction Procurement (Mid-Atlantic Region)

Robert.Dixon@Amtrak.com

For access to RFQ/RFP documents or general procurement inquiries
regarding the B&P Replacement Tunnel Program:

BPTunnelProcurement@Amtrak.com

Supplier Diversity



SUPPLIER DIVERSITY

Supplier Diversity program seeks to provide contracting opportunities for diverse owned businesses



MISSION

- Eliminate Discrimination
- Create Level playing field
- Remove barriers
- Development



GOAL

- 15% corporate goal
- Advocacy/Support
- Promote Innovation
- Development



PROCESS

- Supplier Registration
- Resource Centers



PROCUREMENT

- Procurement Portal
- Sub-contracting plans
- Informational Sessions/Pre-Bid Meetings

SUPPLIER DIVERSITY OFFICE TEAM

Jacqueline Donaldson-Grey

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Eboni.Smith@amtrak.com

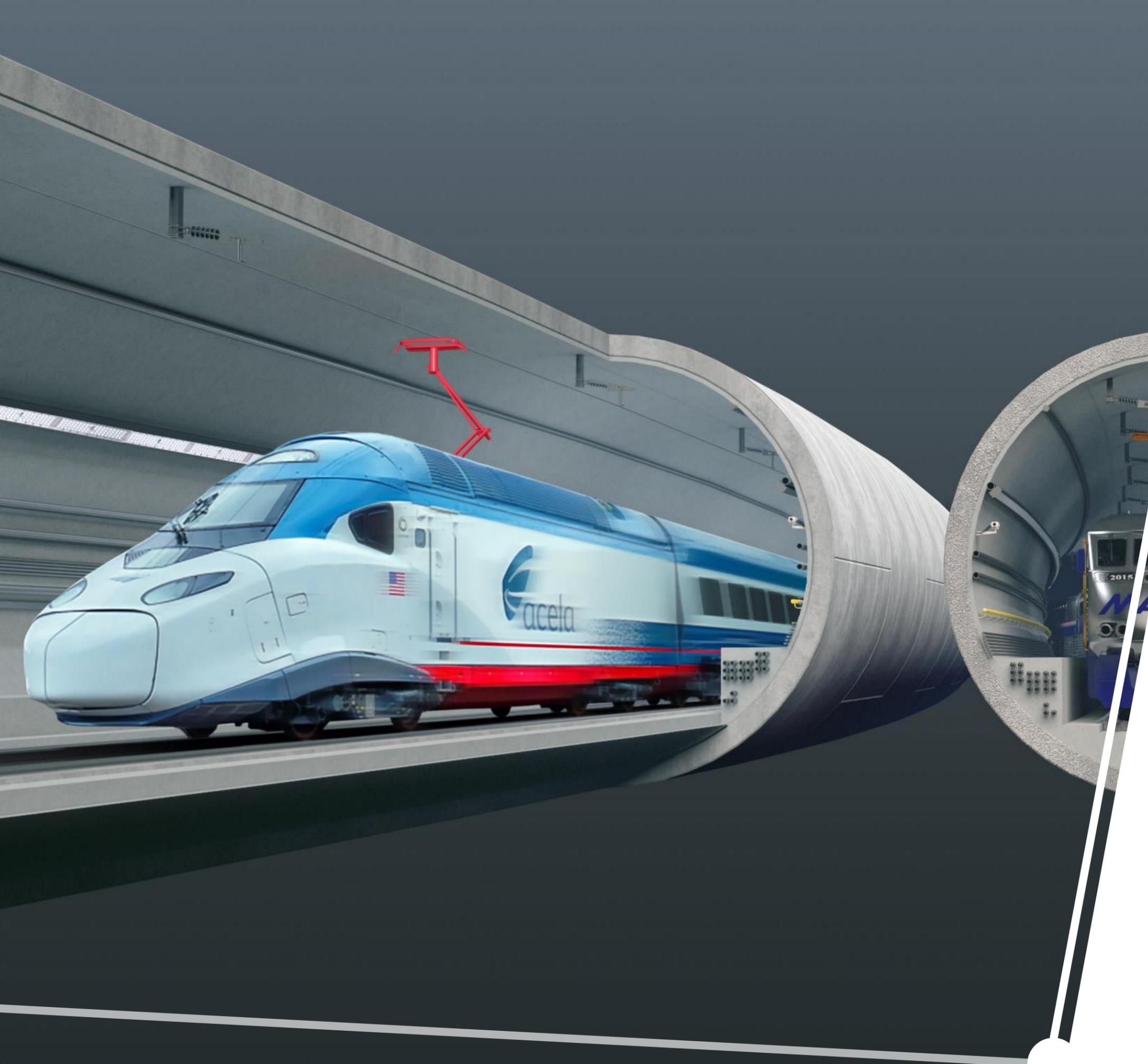
Michelle Gronkowski

Supplier Diversity Specialist

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To learn more about Procurement opportunities at
Amtrak, visit

[HTTPS://PROCUREMENT.AMTRAK.COM](https://procurement.amtrak.com)



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B&P TUNNEL REPLACEMENT



Q&A

Closing Remarks



