



Amtrak Susquehanna River Rail Bridge Project

Baltimore Metropolitan Council
Baltimore Regional Transportation Board
January 24, 2023



Agenda

- Introductions
- Project Description and Scope
- Project Status - Overview
- Design Overview
- Environmental Overview
- Next Steps
- Q&A

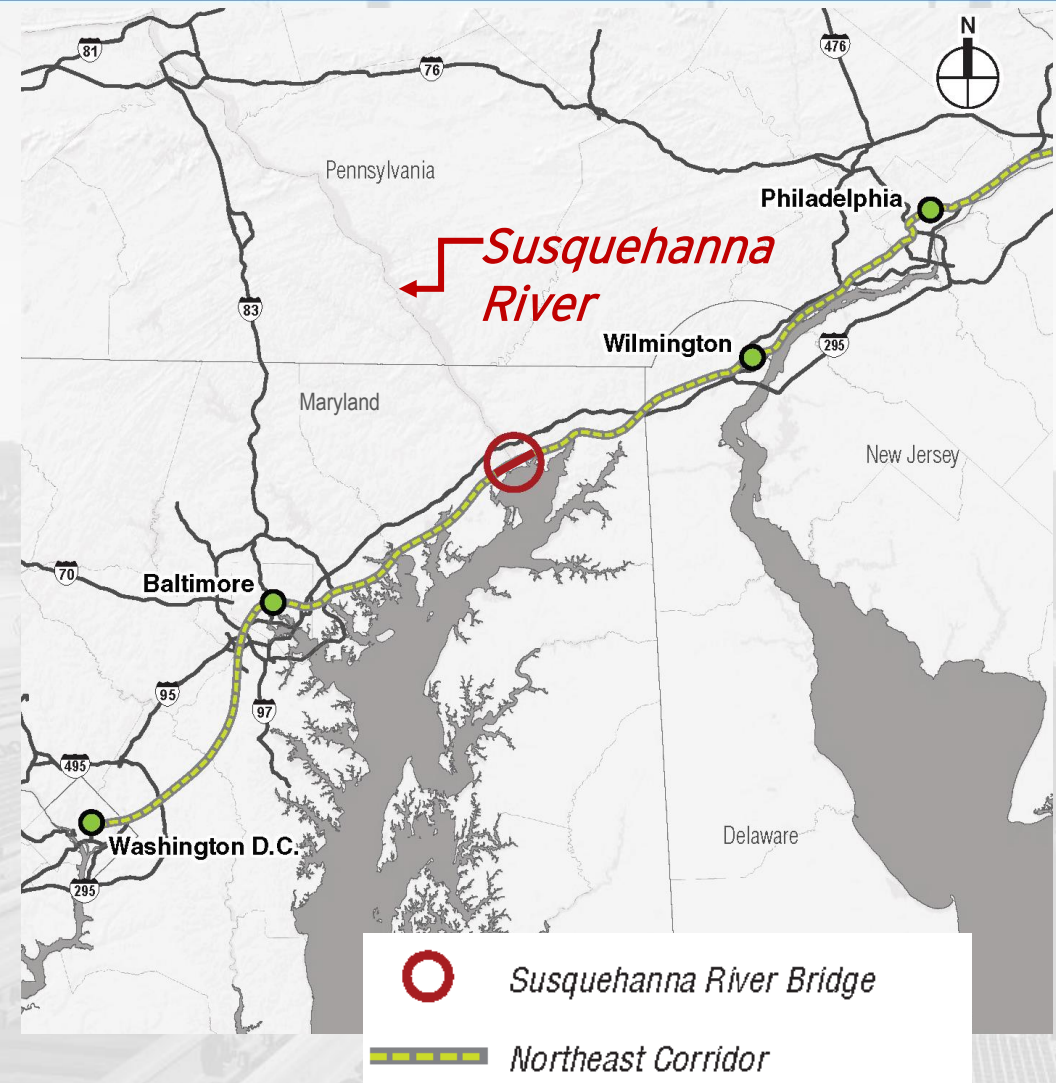
Introductions

- Jason Hoover - Amtrak Assistant V.P. - Bridges (Interim Project Manager)
- Pete Mazzeo - HNTB Project Manager
- Kevin Poad - HNTB Deputy PM - Civil Engineering



Project Description and Scope

- Replaces existing 2-track bridge with 2 new 2-track bridges
- Five route miles of track realignment and reconstruction
 - 3 Interlockings
 - 2 Tracks dedicated high speed for Amtrak
 - 2 Tracks primarily for MARC and freight service (Norfolk Southern)
- Modernizing and improve track, catenary and signals for higher speeds



Existing Bridge

- 1906 two-track bridge
- Through-truss swing span
- 17 pin-connected deck truss spans
- 90 mph speed limit
- Functionally obsolete
- Escalating maintenance costs
- Inefficient operational costs
- Marine traffic opening delays



Existing Operations



- Supports 3 Railroads
 - Amtrak - 80 to 90 trains per day
 - MARC - 12 to 14 trains per day
 - Norfolk Southern - 8 to 10 trains per day
 - CSX has operational rights

Project Status

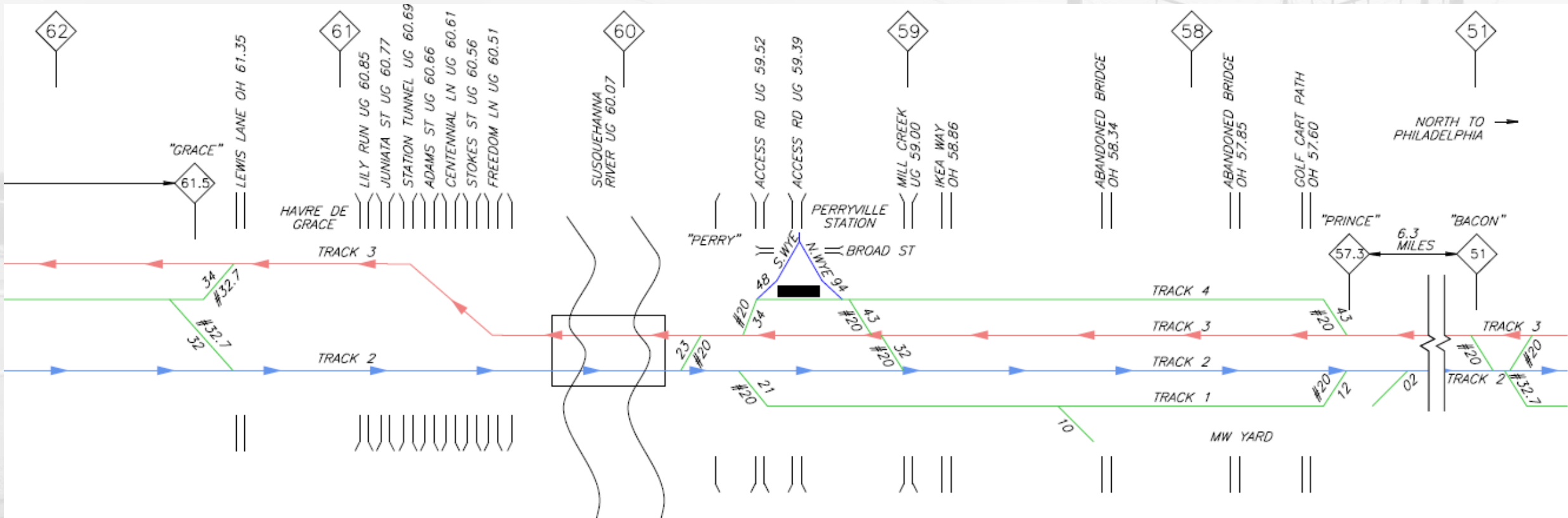
- Summer 2013 - Inspection
- January 2015 - Feasibility Study
- March 2017 - Environmental Assessment Complete
- April 2017 - 30% Submission
- May 2017 - FRA Finding of No Significant Impact (FONSI)
- June 2019 - Progress Submission
- March 2020 - Project hiatus due to COVID
- October 2021 - Restart
- May 2022 - FY2022 Early Action Package Design & NEPA Re-Eval
- December 2022 - Industry Day Presentation
- Late 2023 - Enabling Project Procurement
- Proceeding to Final Design

Design Overview

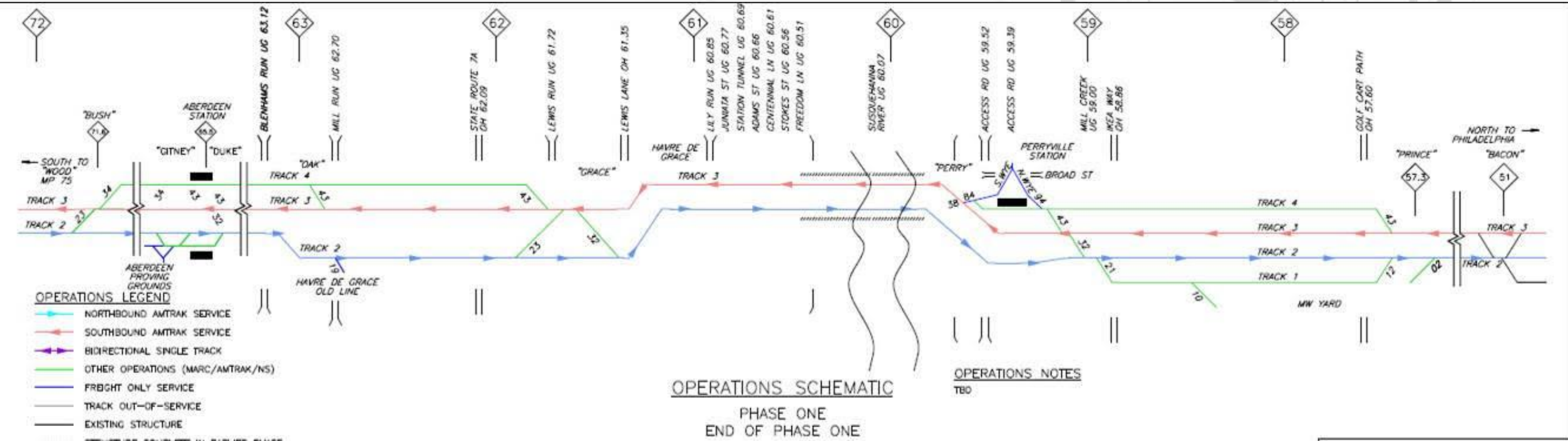
Design Overview - Phasing

- Existing
- Phase 1
 - New west bridge and approaches
 - Cut-over
 - Demolition of existing bridge
- Phase 2
 - New east bridge and approaches
 - Cut-over

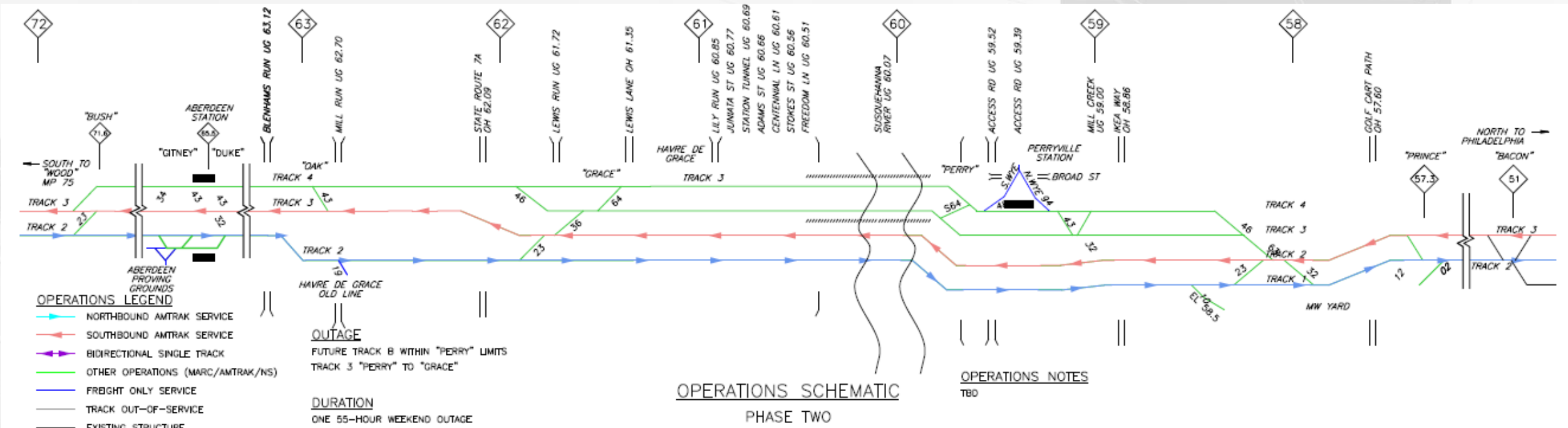
Phasing - Existing



Phasing - Phase 1



Phasing - Phase 2



The New Bridge



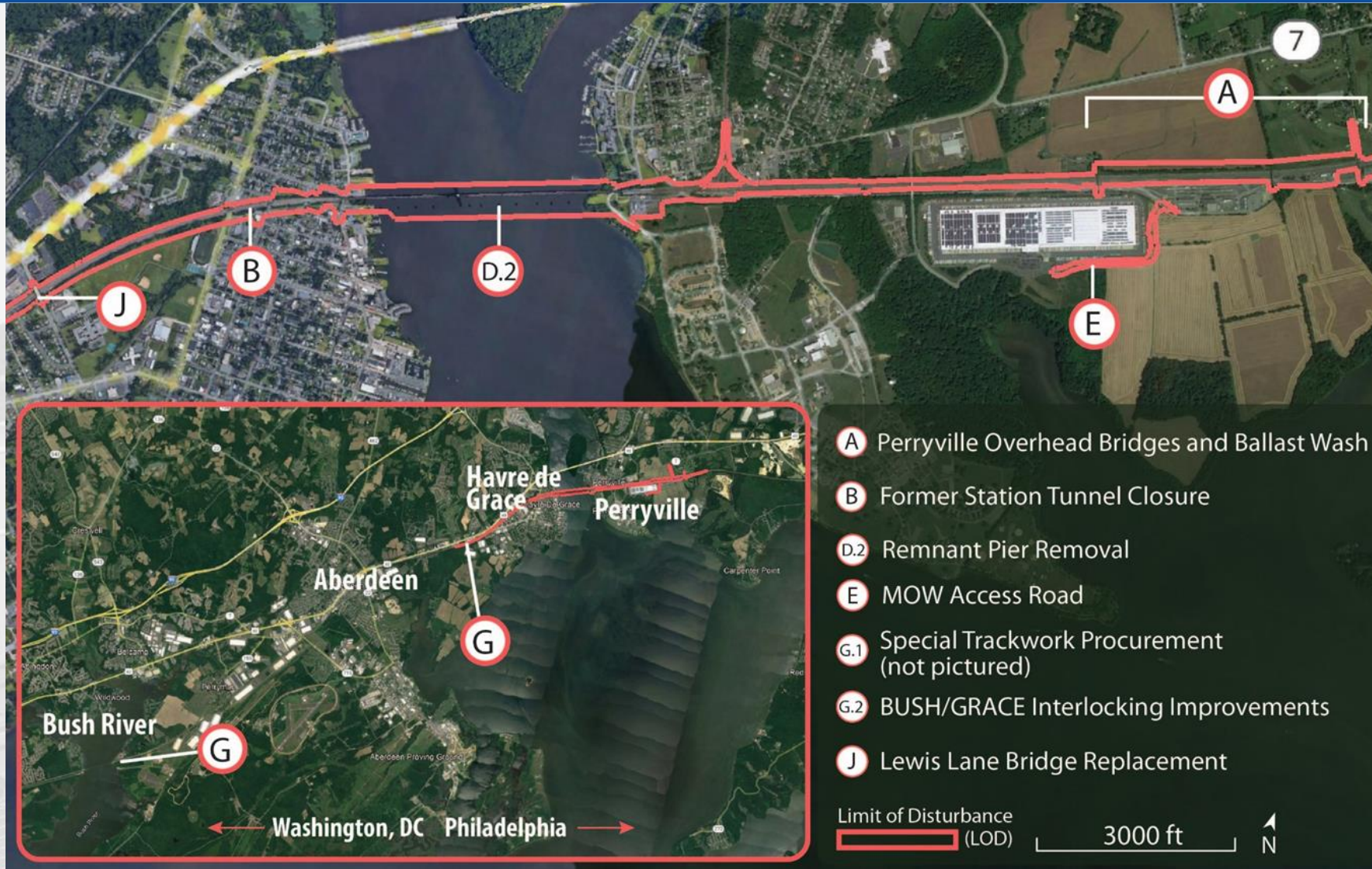
Havre de Grace Approach



Perryville Approach



Design Overview - Early Action Packages (EAP)



Perryville Overhead Bridges (EAP A)

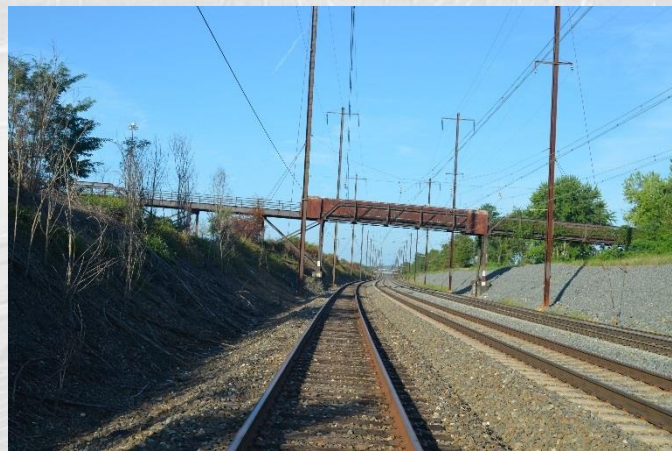


Perryville Overhead Bridges (EAP A)

- Demo
- Raise
- Ballast Wash



Golf Cart Path

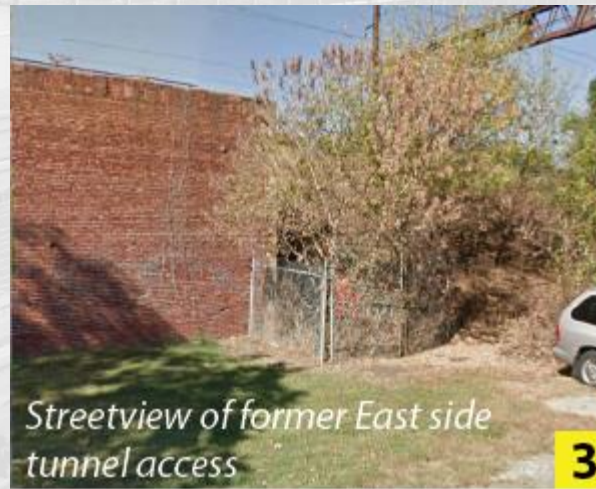
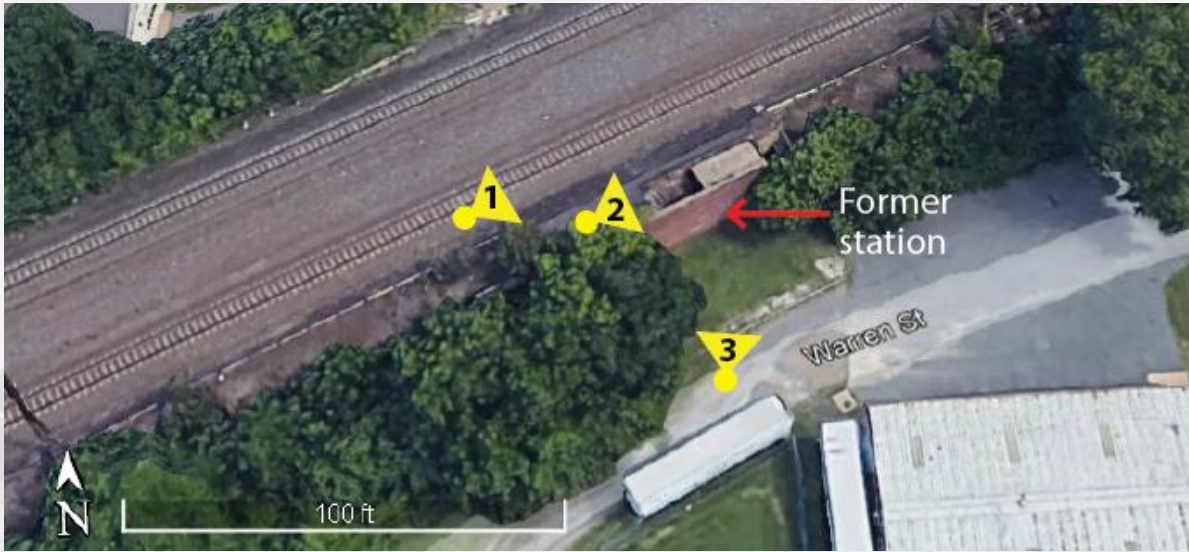


Abandoned Bridge



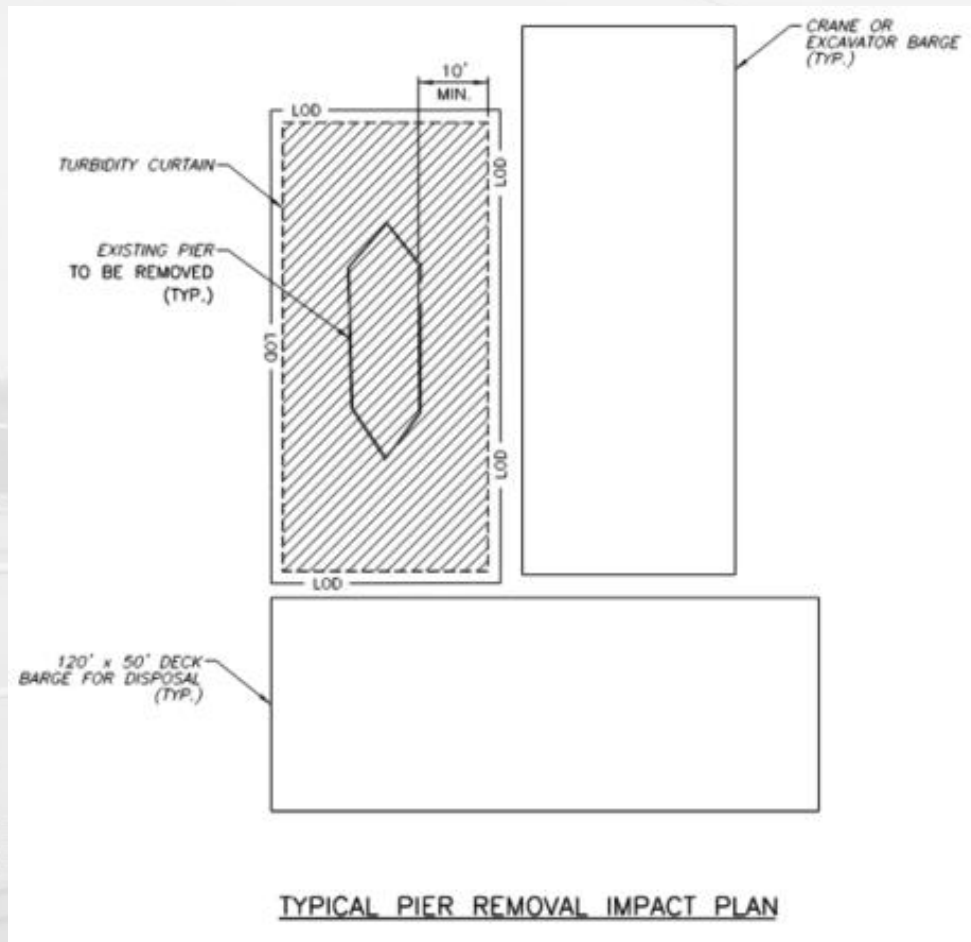
Abandoned Bridge

Tunnel Mitigation (EAP B)



- Former Station Tunnel Closure;

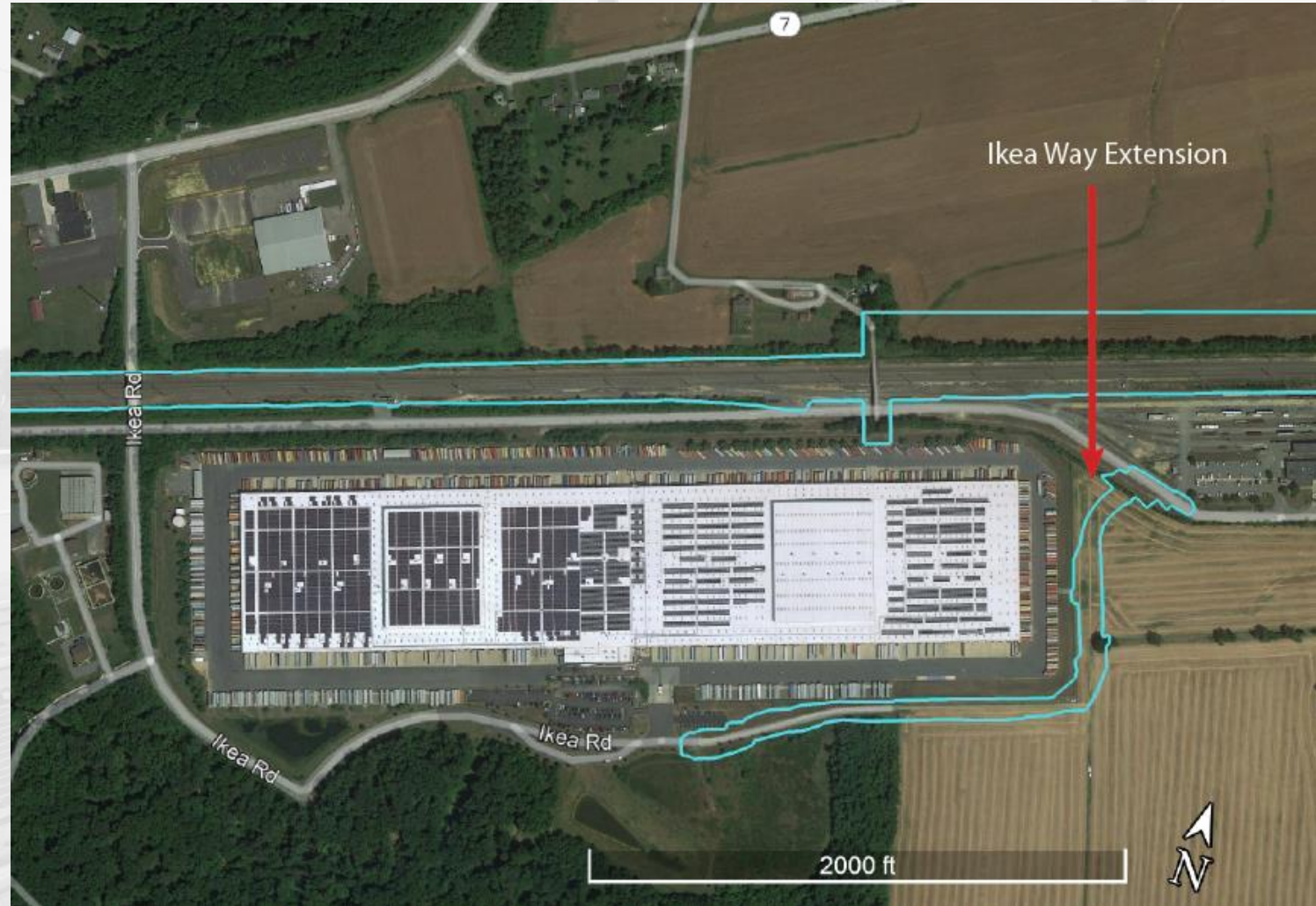
Remnant Pier Removal (EAP D.2)



- Remnant Pier Removal;

MOW Access Road (EAP E)

- New access road connection to Amtrak's Maintenance Facility in Perryville
- Provides direct access to Maryland Route 7 and US Route 40
- Accommodates large semitrailer trucks up to 100' long
- Scope of work:
 - 2,500' of new paved roadway
 - 32' paved width, 2' stone shoulders
 - Roadside swales w/ stone check dams

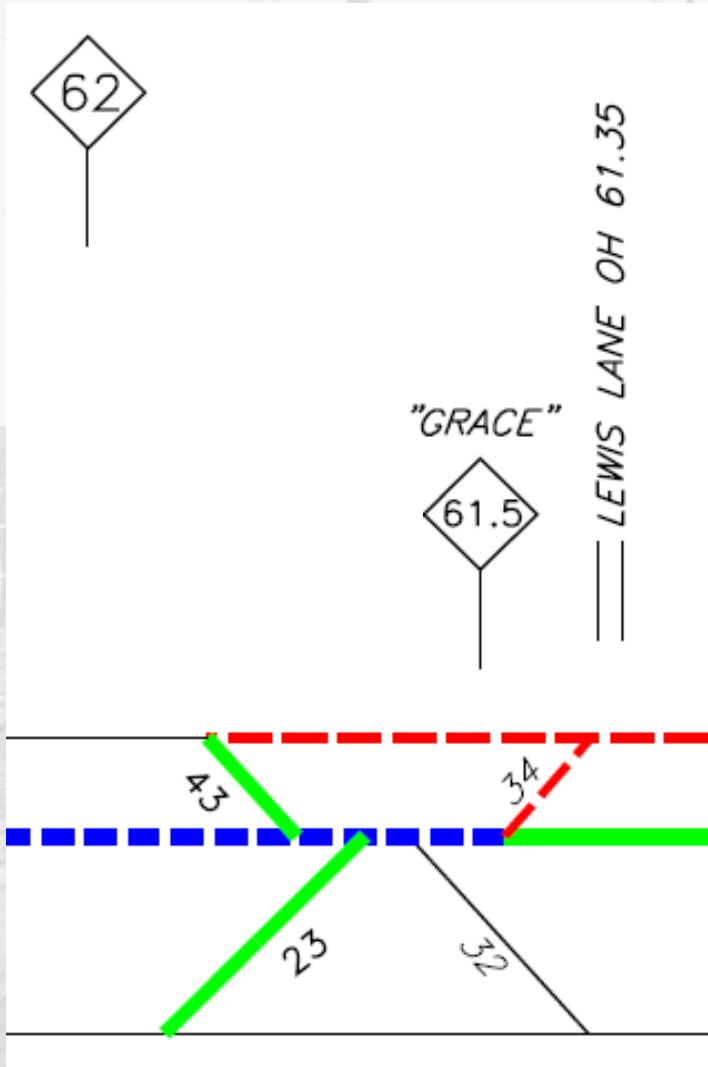
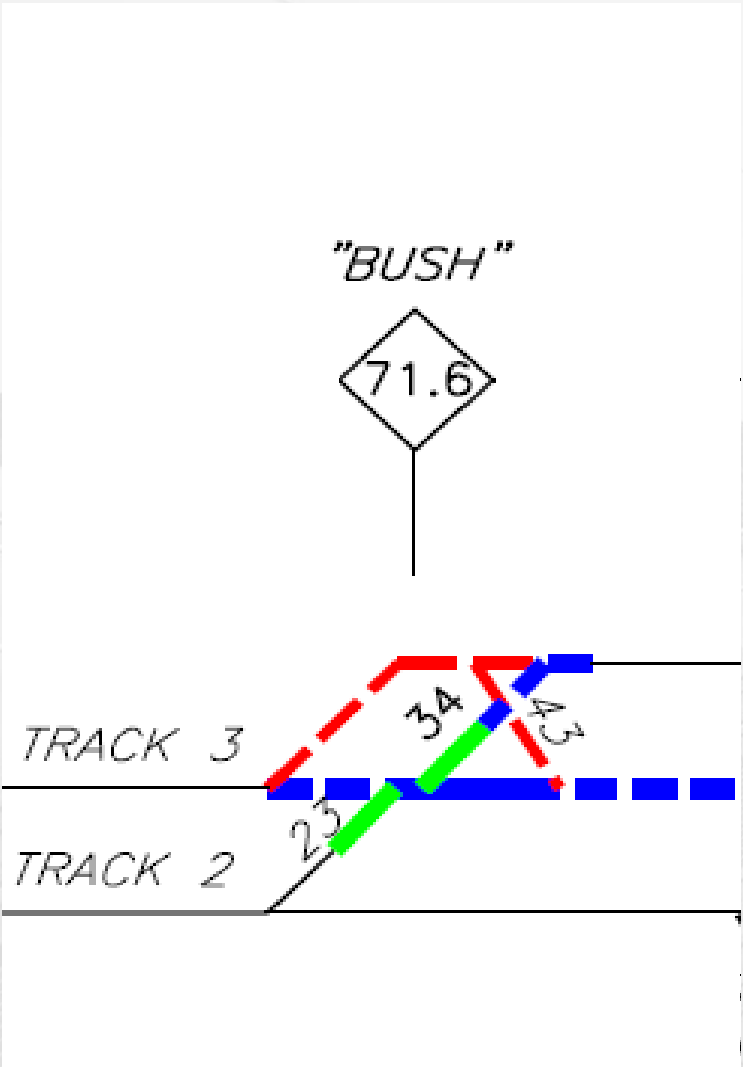


Advance Track Procurement (EAP G.1)

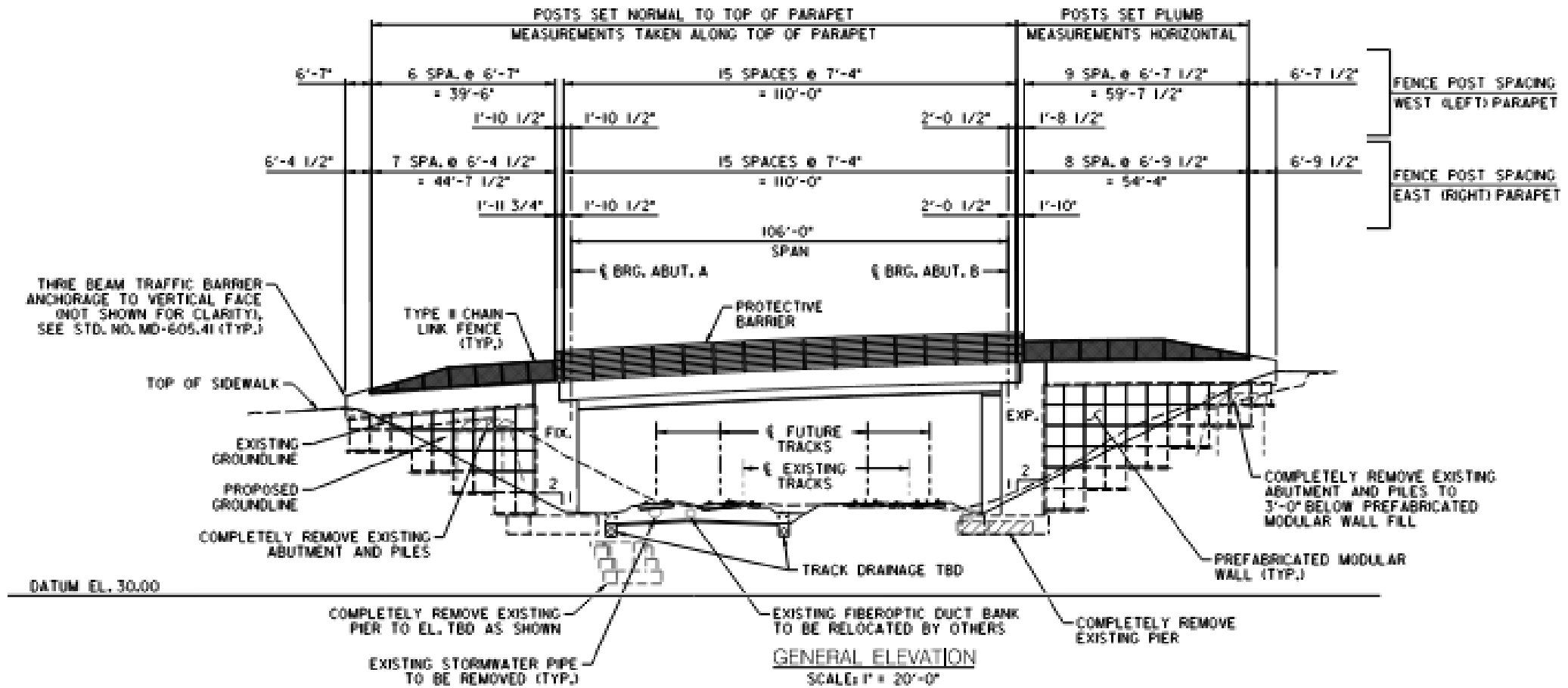
- Early Trackwork Turnout Procurement
 - Order long lead material



BUSH/GRACE Interlocking Improvements (EAP G.2)



Lewis Lane Bridge Replacement (EAP J)



Design Overview - Other Pre-Construction Activities

- Boring Program
- Survey
- Property Acquisition
- Utility Coordination



Design Schedule - Main Project

- 60% Milestone- Q2 CY2023
- 90% Milestone – Q2 CY2024
- 100% Milestone – Q3 CY2024
- Issue For Bid – Q1 CY2025
- Finalize Guaranteed Maximum Price and Contract – Q1 CY2025
- NTP –Q3 CY2025



Environmental Overview

Environmental Overview

- FRA NEPA Re-Evaluation
 - Submission R0: Submitted 10/13/22, FRA reviewed
 - Submission R1: Submitted 1/11/23, FRA reviewing
- Section 106 Programmatic Agreement Compliance
 - On-going
- Federal/State Permitting-
 - Joint Permit Application for USACE/MDE
 - JPA for Package D.2 - Remnant Pier - submitted 10/17
 - All Agency Meeting (monthly attendance started 10/26)

Next Steps

Project Next Steps

- FRA Update (NEPA)
 - Following the Programmatic Agreement requirements
- Public Outreach
 - Public Contacts:
 - Email: SRBProject@amtrak.com
 - Website: www.amtrak.com/susquehanna-river-rail-bridge-project
- Early Action Package Procurement and Construction
- Real Estate Activities
- Project Final Design
 - Bridge Replacement Permit anticipated to submit summer 2023
 - Anticipate completing Final Design by late 2024
 - Procurement in 2025

Q&A





**Thank
You**