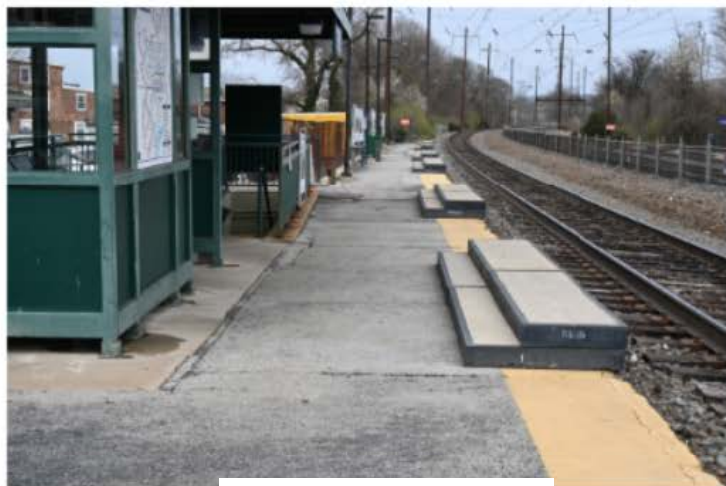


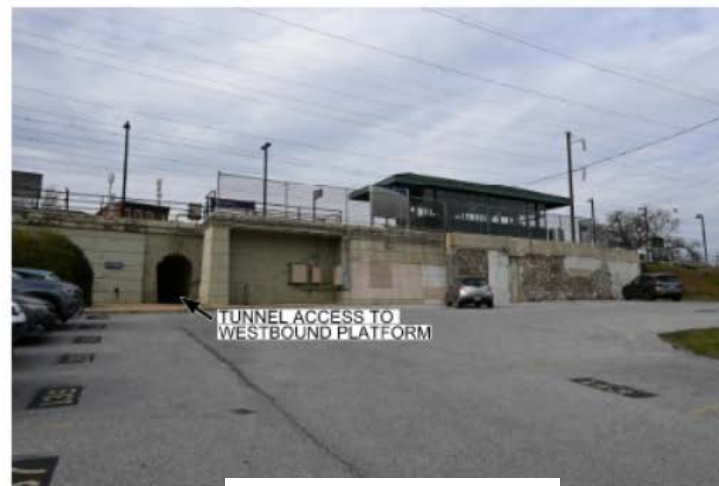


# Downingtown Station Presentation June 2023

# Existing Station Conditions



WESTBOUND SIDE



EASTBOUND SIDE





# Purpose and Need



## **PROJECT PURPOSE**

The purpose of the project is to provide an Americans with Disabilities Act (ADA) compliant train station in the Borough of Downingtown.



Existing Downingtown Station



Existing Downingtown Station

## **PROJECT NEED**

The current station is not readily accessible as required by the ADA.

Passenger accommodations are lacking.

Multimodal connections to Downingtown from both the station and the region are missing or problematic, impacting economic growth.

# Project Overview



- Existing Station

- Located on curve
- Low level platforms
- Not ADA accessible
- Existing station parking -226 & Borough parking – 134
- Bike racks

Downingtown Train Station

East Branch of Brandywine Creek

US 322

Proposed  
Downingtown  
Train Station

- Proposed Location

- Tangent track/High-level boarding & four elevator towers (ADA compliant)
- Additional proposed parking -490
- Improving vehicular, pedestrian and bike access





# Existing Amtrak Bridge at US 322



## Daily Train Traffic:

- Amtrak: 28 trains a day
- SEPTA: 20 trains a day
- Freight: 2 daily moves with potential for high/wide cars

## Vehicular/Bicycle/Pedestrian Traffic:

- US 322 ADT - 12,761 vehicles (2019)
- Substandard vertical clearance
- Large vehicles create one lane of traffic under bridge
- Existing sidewalk doesn't meet current ADA standards



# Site Preparation



## Completed Site Preparation

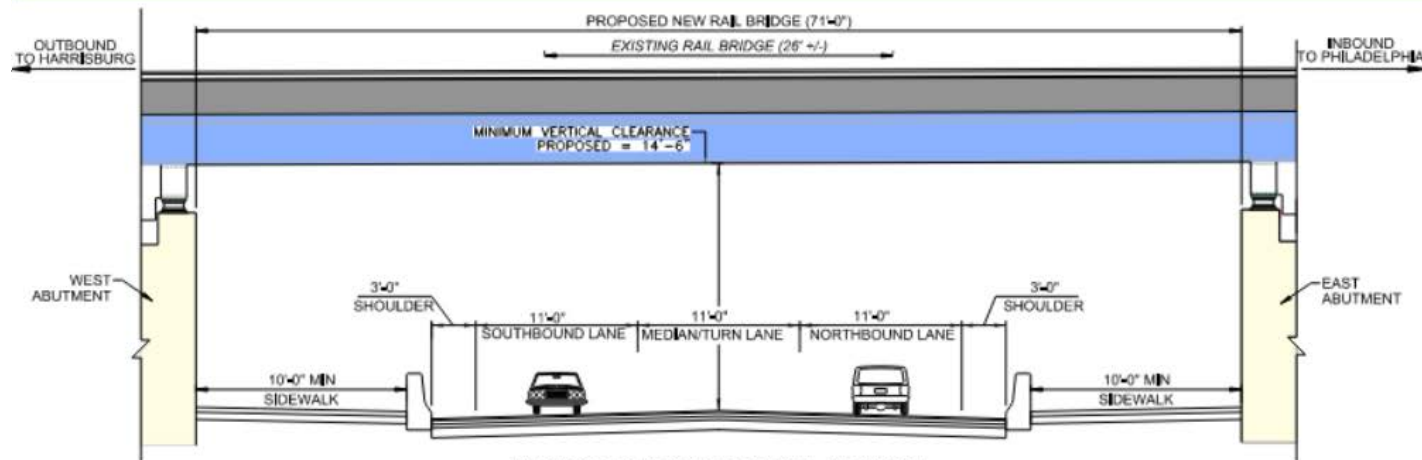
- Demolition NE & NW quadrant
- Fencing around site

## Future Site Preparation

- PECO Relocation
- Demolition of remaining structure (under review)
- Removal of DOWNS Interlocking



# Rail Bridge Over US 322



PROPOSED BRIDGE TYPICAL SECTION

## REASONS FOR BRIDGE EXPANSION

- SIDEWALK ADDED AND EXPANDED
- TURN LANE ADDED
- SHOULDER WIDTH INCREASED
- VERTICAL CLEARANCE IMPROVED



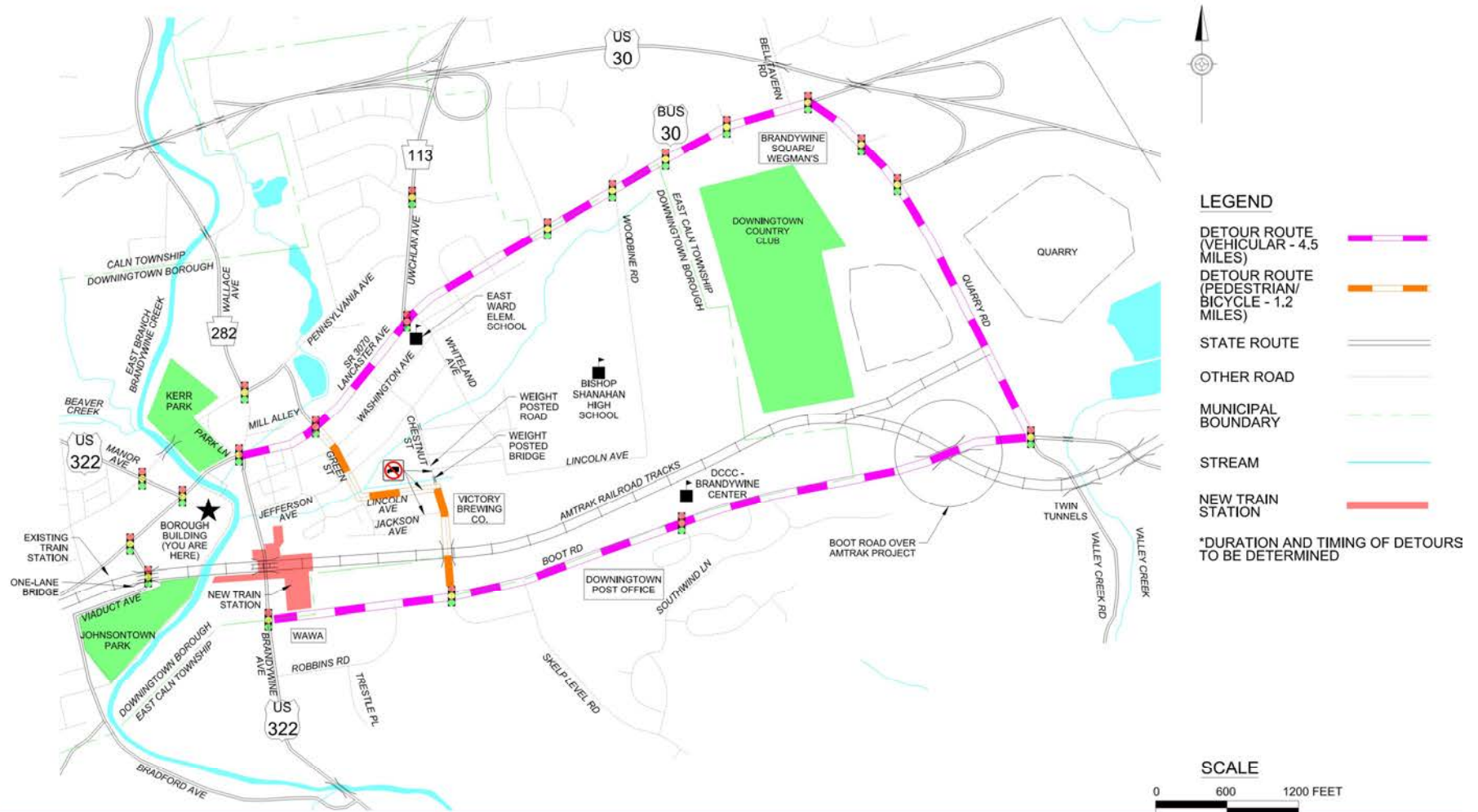
EXISTING BRIDGE - LOOKING SOUTH



EXISTING BRIDGE - LOOKING NORTH



# Detour Route

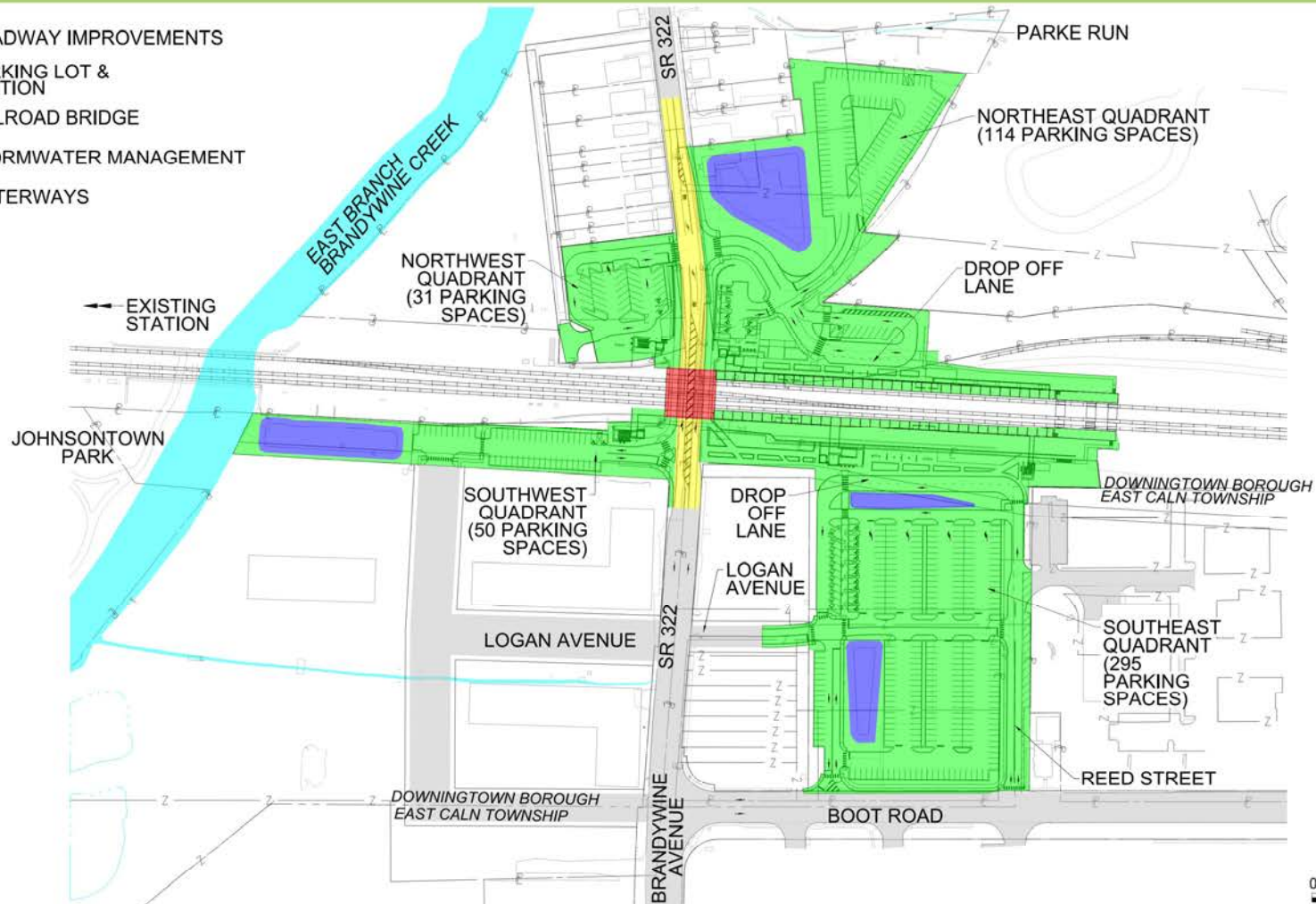




# Proposed Station Layout



- ROADWAY IMPROVEMENTS
- PARKING LOT & STATION
- RAILROAD BRIDGE
- STORMWATER MANAGEMENT
- WATERWAYS



# Proposed Station Renderings



OVERALL SITE FROM NORTH



# Proposed Station Renderings



OVERALL SITE FROM SOUTH

# Proposed Station Renderings



STATION - NORTHWEST QUADRANT



STATION - NORTHEAST QUADRANT



STATION - SOUTHWEST QUADRANT



STATION - SOUTHEAST QUADRANT



## Proposed Project Schedule



FINAL DESIGN .....	2023 - 2025
BOOT ROAD BRIDGE REPLACEMENT (over AMTRAK)* .....	2023 - 2025
TRACK EARLY ACTION WORK .....	2024 - 2025
UTILITY EARLY ACTION WORK .....	2024 - 2025
BRIDGE / STATION CONSTRUCTION .....	2026 - 2028

**PLEASE NOTE:** Phasing during construction related to train / vehicular / pedestrian traffic will be determined as design is finalized.

\*Boot Road Bridge Replacement over Amtrak will be completed to allow its use as the vehicle detour during construction.