



Herron Avenue Bridge Preservation Project

July 14, 2026

West Penn Community
Recreation Center
450 30th St.
Pittsburgh, PA 15219



Meeting Objectives

- Provide description of proposed work on the Herron Avenue Bridge Project.
- Answer questions and receive feedback on in-progress project details.



Agenda

- Introductions
- Meeting Norms
- Safety Overview
- Teams Overview
- Project Purpose and Need
- Proposed Work
- Anticipated Right-of-Way Impacts
- Detours
- Historic Resources
- Anticipated Schedule
- Preliminary Engineering Estimate
- Q&A



Introductions/Project Team

CITY OF PITTSBURGH

- **Eric Setzler, P.E.**
 - Chief Engineer
- **Zach Workman, P.E.**
 - Deputy Chief Engineer
- **Thomas Tessaro, P.E.**
 - Consultant Project Manager
(CDR Maguire)
- **Jan Raether**
 - Infrastructure Engagement Manager
- **Jacob Williams**
 - DOMI Communications
- **Jennifer Massacci**
 - Principle Planner

PennDOT DISTRICT 11-0

- **Crystal Magrino**
 - PennDOT Project Manager
- **Mark J. Young**
 - PennDOT Environmental Unit Manager
- **Bob Billick**
 - PennDOT Assistant Environmental Manager
- **Jacqueline Evans, P.E.**
 - PennDOT Right-of-Way Administrator

Lochner

- **Jason Layman, P.E.**
 - Prime Consultant Project Manager



Meeting Norms

- Physical and psychological safety
- Listen to learn
- Disagree respectfully
- Appreciate differences
- Be open to new ideas
- Be present





Safety Overview

- Location of exits
- First Aid Locations
 - AED location if available
- Presence of someone CPR Certified
- Emergency Contact
 - In the event of an emergency, Jacob Williams will call 9-1-1



Teams Overview

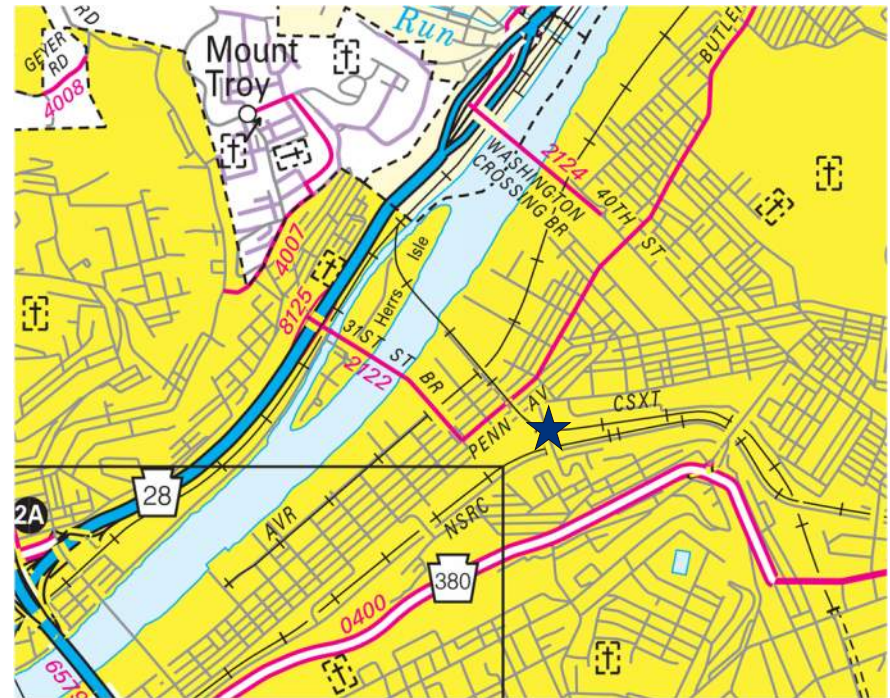
- Please remain muted
- Use the chat function to have staff ask a question on your behalf



Project Description

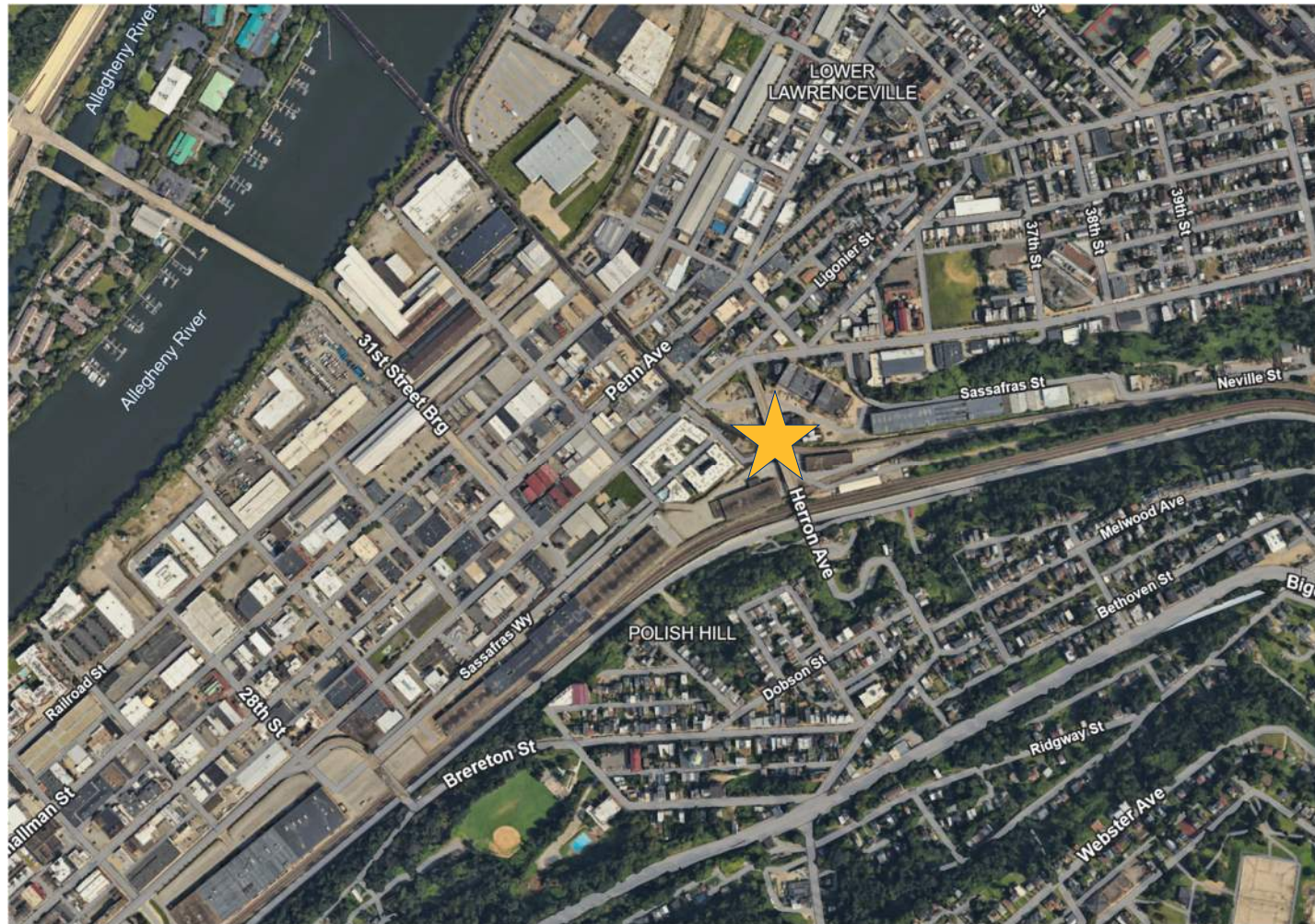
Preservation of the existing structure carrying Herron Avenue over Allegheny Valley Railroad, Norfolk Southern Railroad, and Pittsburgh Regional Transit East Busway in the Lawrenceville/Polish Hill Neighborhood within the City of Pittsburgh, Allegheny County.

Bridge ID:
BMS #02-7301-0000-3040
BRKEY 2416



Herron Avenue Bridge Preservation Project

Project Location

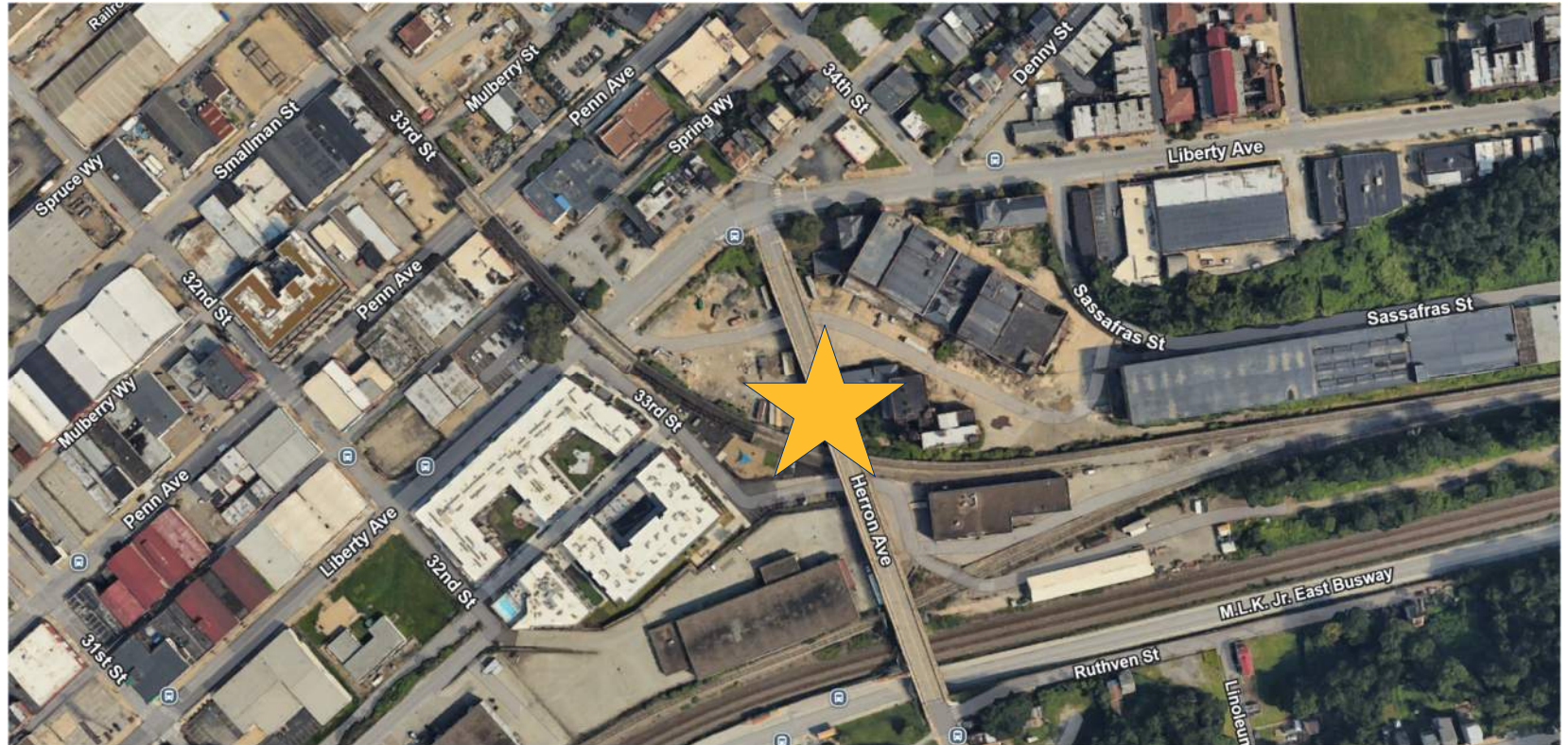


Pennsylvania
Department of Transportation



Herron Avenue Bridge Preservation Project

Project Location



Pennsylvania
Department of Transportation





Project Purpose and Need

Purpose:

The purpose of this project is to preserve the Herron Avenue Bridge to provide sustainable crossing of Herron Avenue over Allegheny Valley Railroad, Norfolk Southern Railroad, and PRT East Busway.

Need:

The following deficiencies exist on the bridge:

- Heavy deck deterioration at existing wick drains
- Cracking & spalling of pedestrian sidewalk
- Deteriorated bin walls at Abutment 1
- Deteriorated expansion joints throughout
- Steel superstructure deterioration (pack rust, detached bracing)
- Pack rust at the fixed and expansion girder bearings
- Cracked and spalled concrete substructure (piers & abutments)



Project Purpose and Need

Recent inspections rate the bridge deck condition as poor, superstructure rating as fair, and substructure rating as poor.



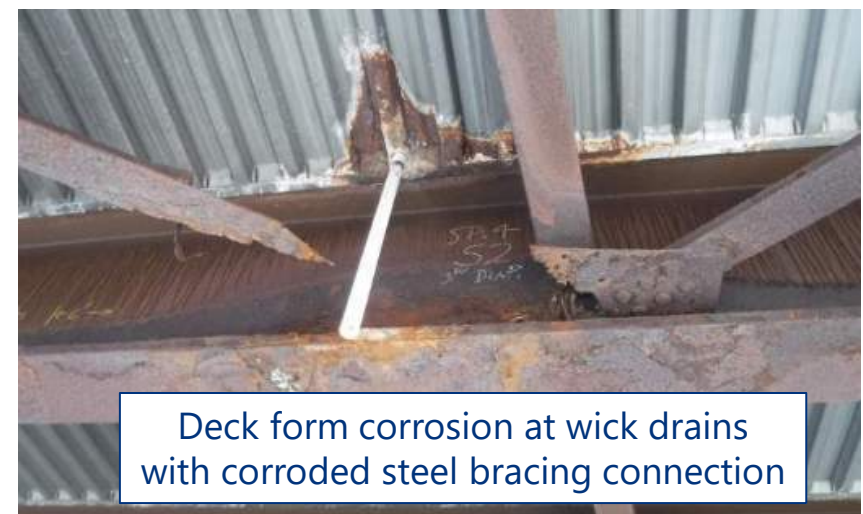
Heavily corroded girder bearings



Sidewalk cracking/spalling



Spalling at expansion joints



Deck form corrosion at wick drains with corroded steel bracing connection



Project Purpose and Need

Recent inspections rate the bridge deck condition as poor, superstructure rating as fair, and substructure rating as poor.

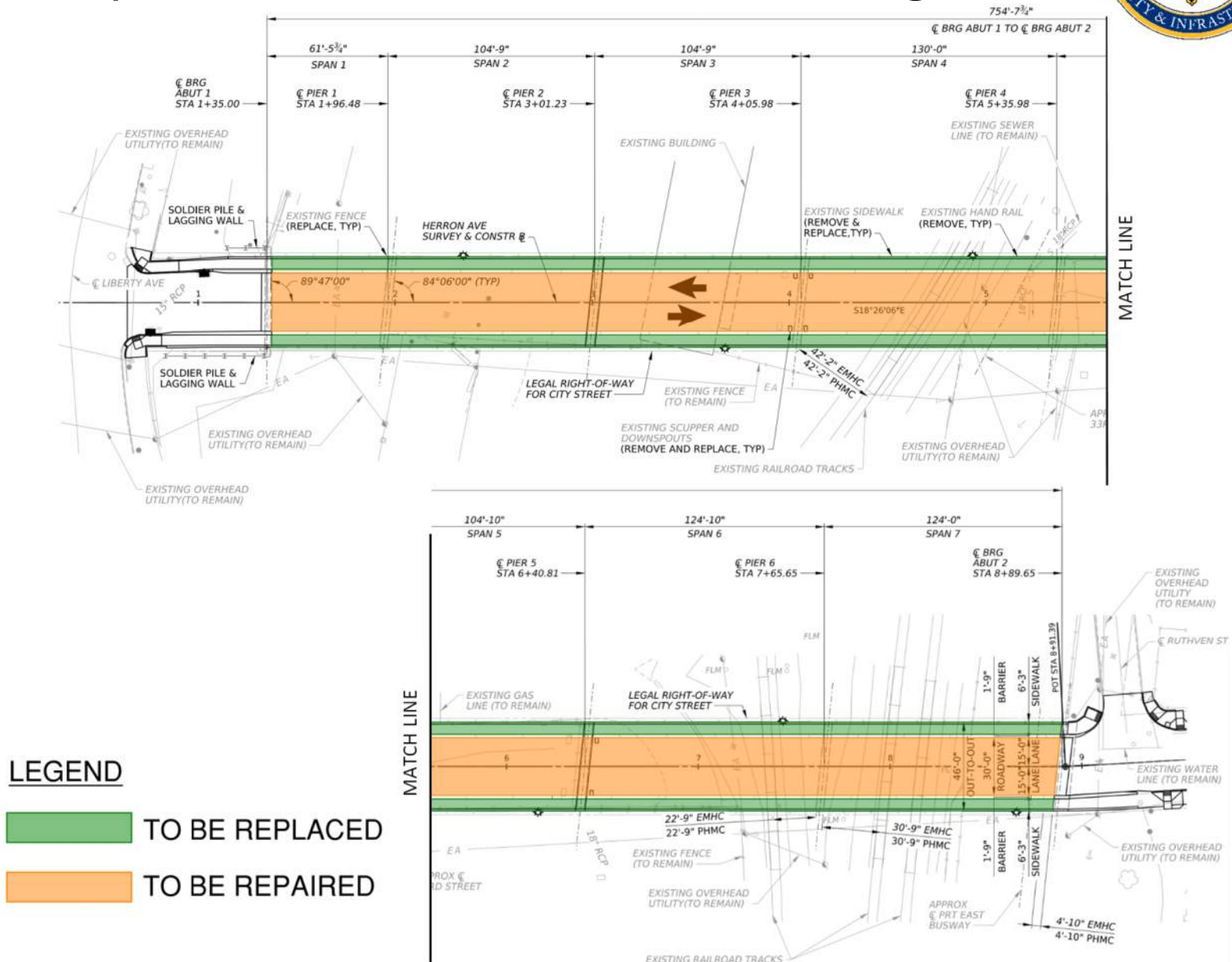




Proposed Improvements

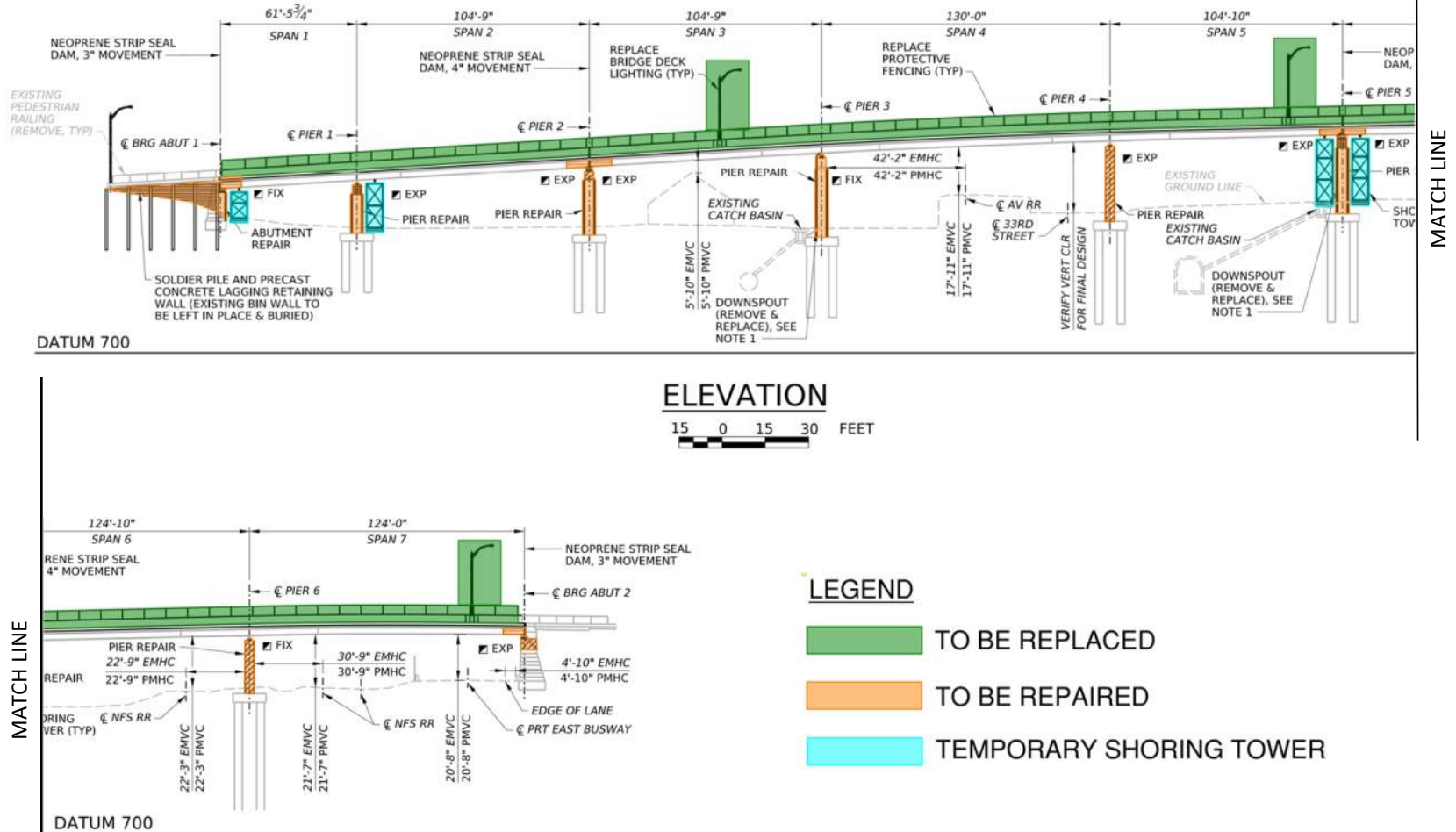
- Replace all bearings at abutments and piers.
- Remove protective fencing, pedestrian railing and sidewalk along structure. Reconstruct sidewalks and construct new vertical wall barriers with protective fence.
- Construct new soldier pile walls in front of existing abutment bin walls.
- Perform steel superstructure repairs.
- Clean and paint existing steel superstructure at beam ends.
- Remove existing bituminous wearing surface, perform concrete deck repairs, and place LMC overlay.
- New neoprene strip seal dams at various locations.
- Epoxy injection crack sealing on substructure and barriers.
- Concrete repairs on substructure and barriers.
- Remove and replace concrete pier caps at various locations.
- Apply protective coating (penetrating sealer) to all exposed concrete surfaces.
- Remove and replace scuppers and downspouts at various locations.

Proposed Work – Herron Ave. Bridge



Herron Avenue Bridge Preservation Project

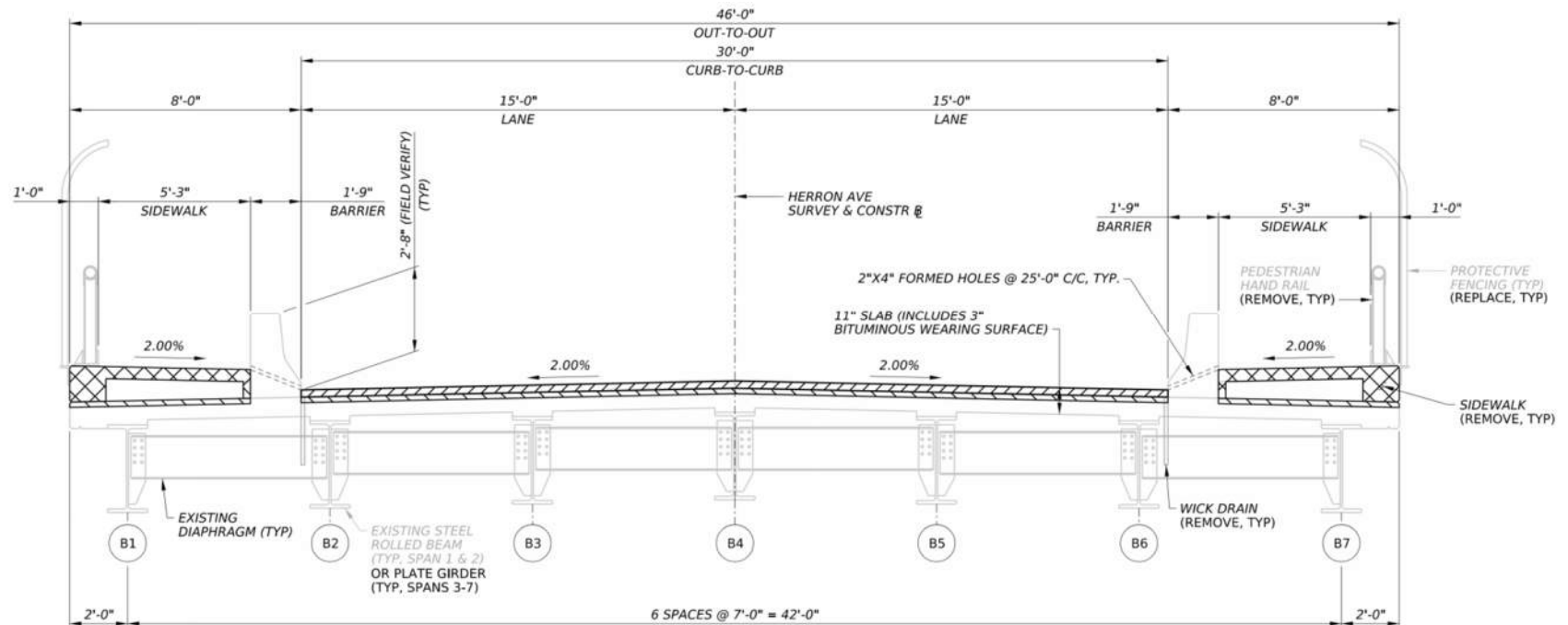
Proposed Work – Herron Ave. Bridge



Herron Avenue Bridge Preservation Project



Proposed Work – Herron Ave. Bridge Existing Typical Section



TYPICAL SECTION - EXISTING

(LOOKING STATIONS AHEAD)

1 0 1 2 3 FEET

LEGEND:



REMOVAL OF EXISTING ASPHALT OVERLAY



HYDRODEMOLITION (1/4") & SCARIFICATION (1 1/2"), 3 (1/2") PASSES

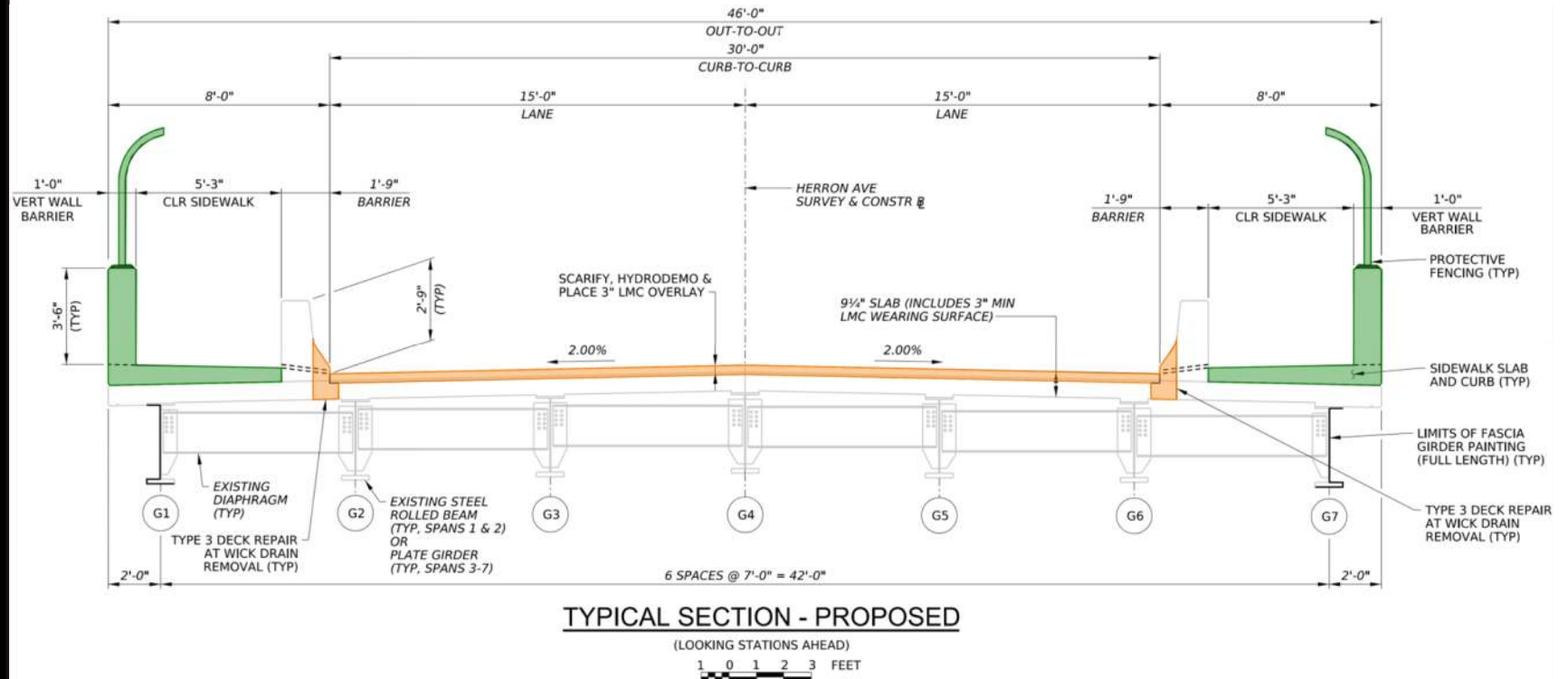


REMOVAL OF EXISTING SIDEWALK SLAB

Herron Avenue Bridge Preservation Project



Proposed Work – Herron Ave. Bridge

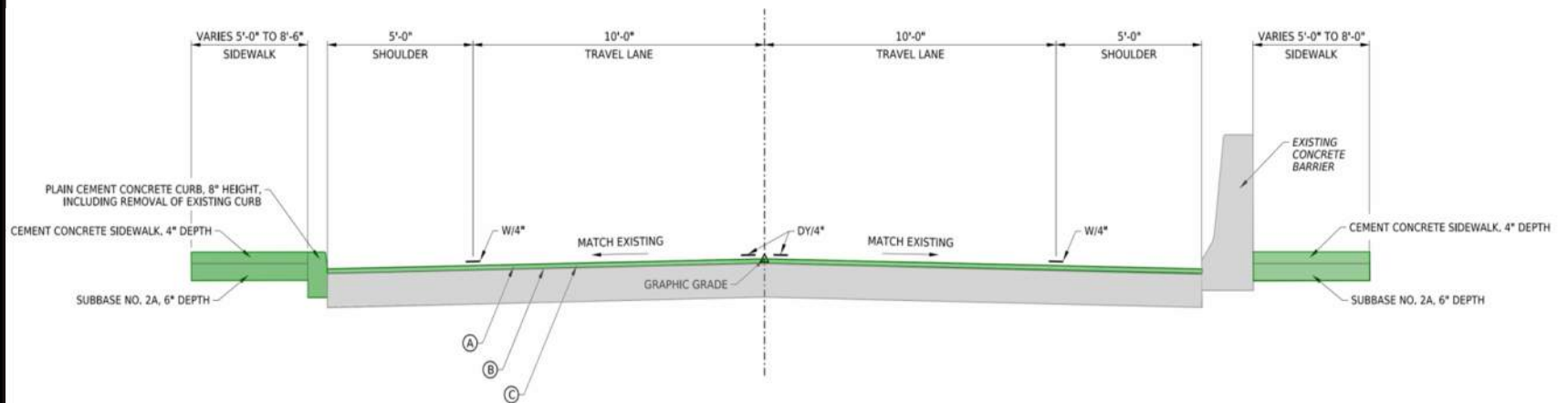


LEGEND

- NEW COMPONENTS
- TO BE REPAIRED



Proposed Work – Herron Ave. Approaches



LEGEND

- TO BE REPLACED
- TO REMAIN



Anticipated Right-of-Way Impacts

UNOFFICIAL

- **Required Right-of-Way** – Small Areas needed for bridge and sidewalk improvements. Anticipate impacts to 1 commercial parcel, and 1 residential parcel.
- **Required Aerial Easement** – Aerial Easement needed for aerial construction activities on both sides of bridge as well as on the ground within the aerial envelope. Anticipate impacts to 2 commercial parcels, 2 private railroad parcels.
- **Temporary Construction Easements** – TCE may be necessary for construction activities. Anticipate impacts to 2 commercial parcels and 2 private railroad parcels.
- Once the Unofficial/Preliminary Right-of-Way Plan is finalized and approved in Final Design, each property owner that is impacted will be contacted by a real estate specialist/negotiator, to explain their right-of-way impacts and the right-of-way acquisition (rental) process.
- City has engaged with the Public Utility Commission (PUC) on 7/8/2026 regarding project impacts to the railroad.

Herron Avenue Bridge Preservation Project

Proposed Right-of-Way – UNOFFICIAL (For Information Only)



LEGEND

- PROPOSED BRIDGE WORK
- PROPOSED ROADWAY WORK
- PROPOSED SIDEWALK WORK (PEDESTRIAN TRAFFIC TO BE MAINTAINED IN PHASES)
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED REQUIRED AERIAL EASEMENT
- PROPOSED REQUIRED RIGHT-OF-WAY LINE FOR CITY STREET

Herron Avenue Bridge Preservation Project

Proposed Vehicular Detour – Herron Ave.



Herron Avenue Bridge Preservation Project



Proposed Pedestrian Detour

Construction will be phased so that one sidewalk will always remain open

LEGEND

..... PEDESTRIAN DETOUR ROUTE

 WORK AREA

Phase 1

(Stairs open to Herron Ave Station)



Phase 2

(Stairs closed, Passengers must use ramp and crosswalk to access station)





Historic and Cultural Resources

This project may involve Section 106 resources that are either listed or eligible for listing in the National Register of Historic Places. This meeting provides an opportunity for the public to provide feedback on the historical significance of these resources





Proposed Schedule

- 2025-2026 - Preliminary Design
- **July 14, 2026 – Public Meeting**
- Winter 2026-2027 – Final Design and ROW Acquisition
- Spring 2028 – Advertise Project to Contractors
- Summer 2028 – Anticipated Start of Construction
- Fall 2029 – Anticipated Construction Completion

Preliminary Construction Estimate

- \$9,500,000 Projected Construction Cost
- Construction Funding - 80% Federal, 15% State, and 5% City



Questions?

Email: jan.raether@pittsburghpa.gov

Comments can be submitted via the Engage Page:
<https://engage.pittsburghpa.gov/herron-ave-bridge-preservation>