

# SR 1005 SECTION PTC PAOLI TRANSPORTATION CENTER HIGHWAY IMPROVEMENTS



MIRLENE SAINTVAL, PROJECT MANAGER, PENNDOT

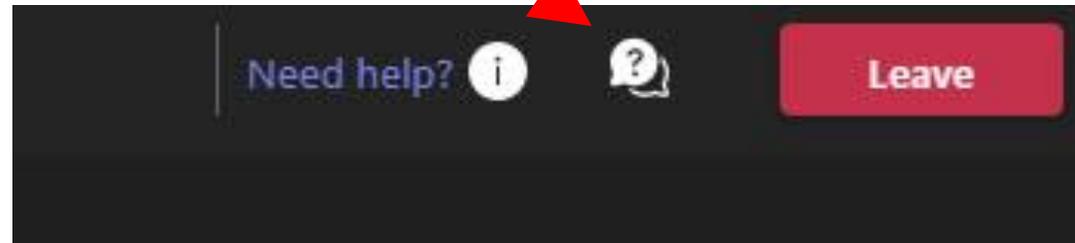
CHRIS STANFORD, SENIOR PROJECT MANAGER, MICHAEL BAKER INTERNATIONAL

MICHAEL METRIK, SENIOR PROJECT MANAGER, ARROW LAND SOLUTIONS

JANUARY 17, 2024

# QUESTIONS?

Questions can be submitted by clicking on the Q&A feature located at the top of your screen



Please note the slide number in your question

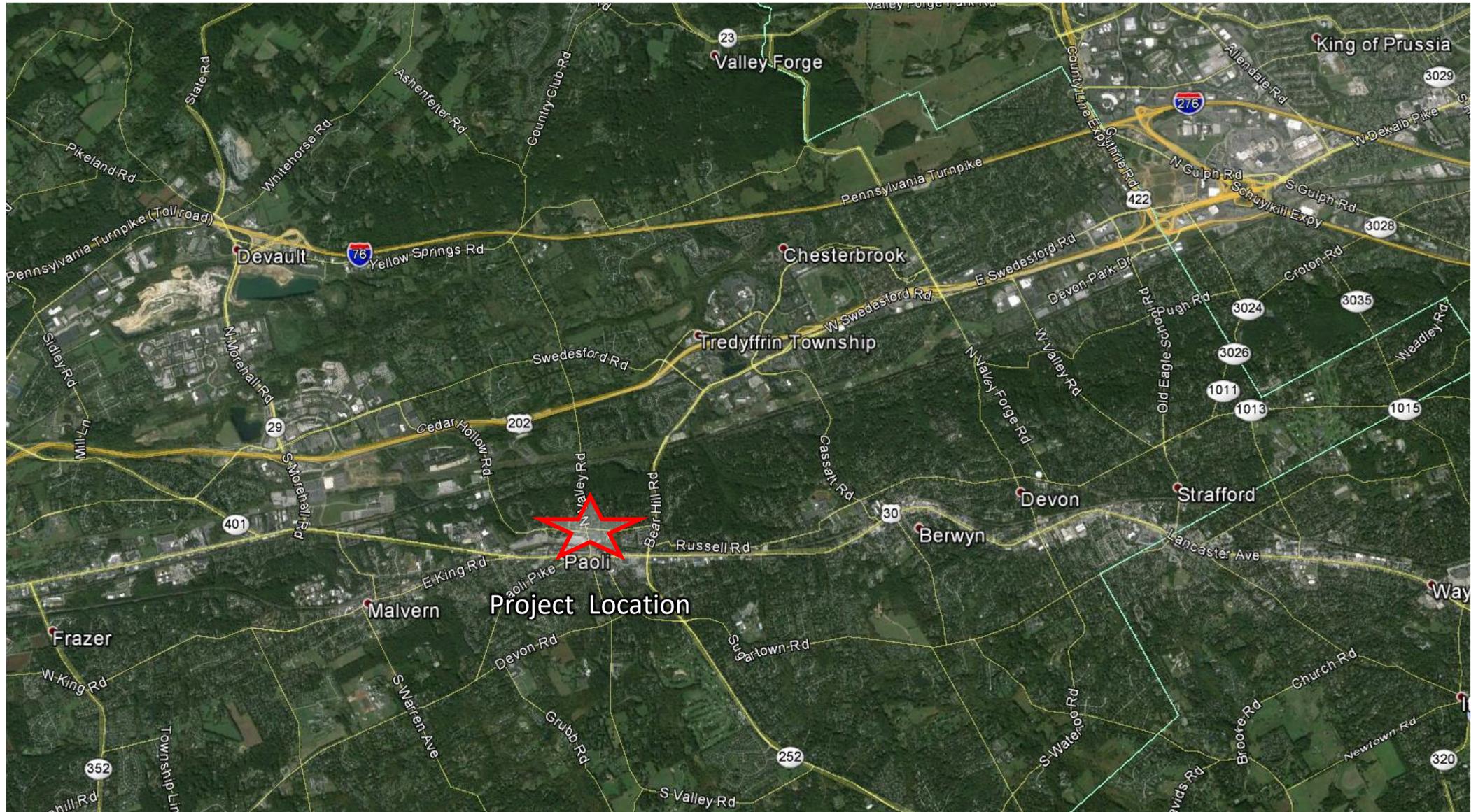


# MEETING AGENDA

- Project Overview
- Project Purpose and Need
- Design Improvements
- Traffic Control During Construction
- Utility Coordination Update
- Construction Schedule
- Right-of-Way Update
- Amtrak Project Timeline



# PROJECT OVERVIEW



# PROJECT OVERVIEW - EXISTING



# PROJECT PURPOSE AND NEED

- Improve North Valley Road Geometry
- Replace North Valley Road Bridge over Amtrak Railroad due to poor condition
- Improve alignment of East/West Central Avenue intersection
- Improve access to train station
- Reduce congestion around train station and nearby roadways
- Improve safety for motorists, pedestrians & bicyclists around train station

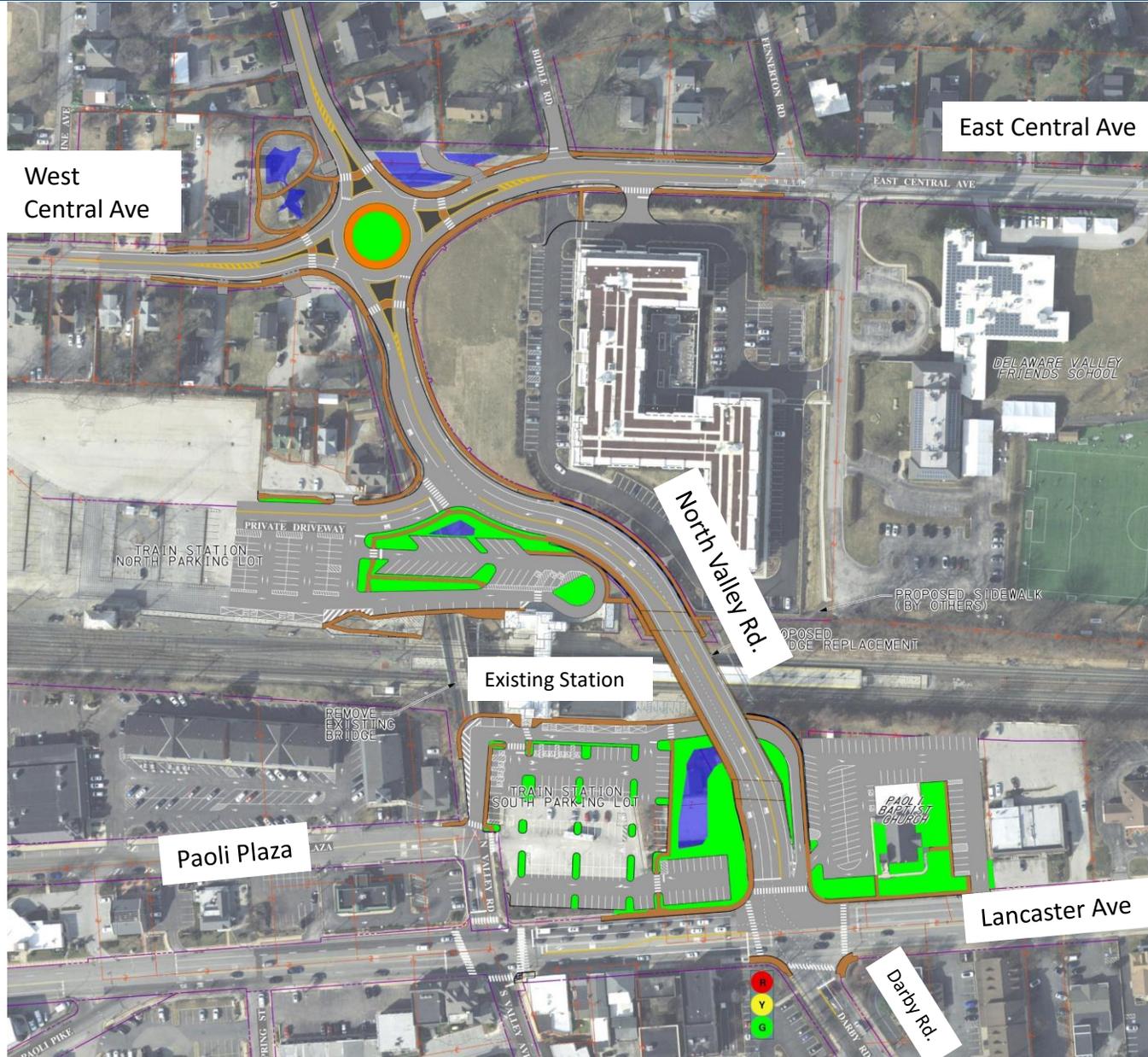


# DESIGN IMPROVEMENTS

- Relocate North Valley Road to East of Train Station at Darby Road/Lancaster Avenue Int.
- New North Valley Rd. bridge over Railroad
- New Access Road into Amtrak/SEPTA Station from Lancaster Avenue
- Traffic Signal Improvements
- Single Lane Modern Roundabout at Central Avenue / North Valley Road
- Parking Lot improvements at Train Station



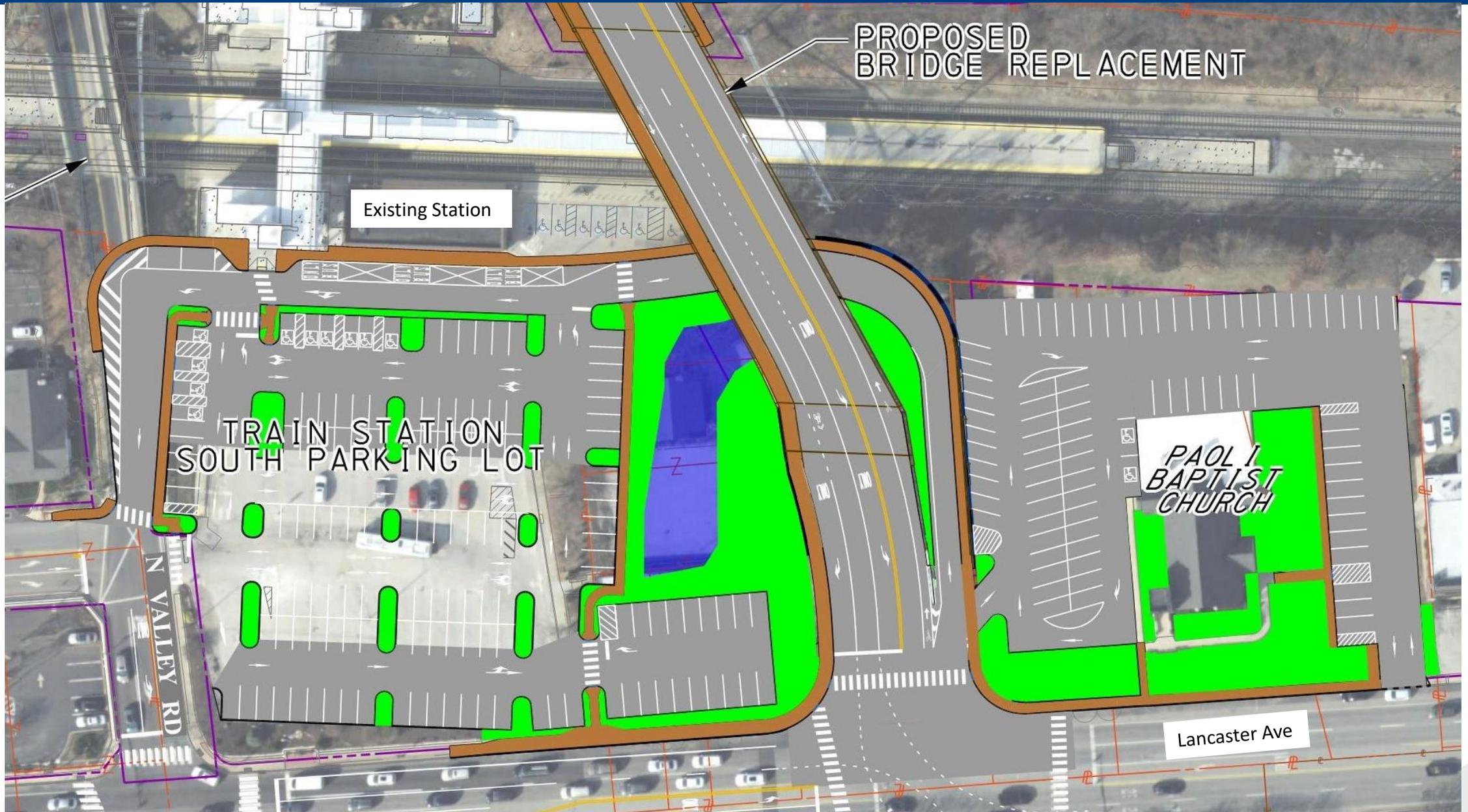
# DESIGN IMPROVEMENTS



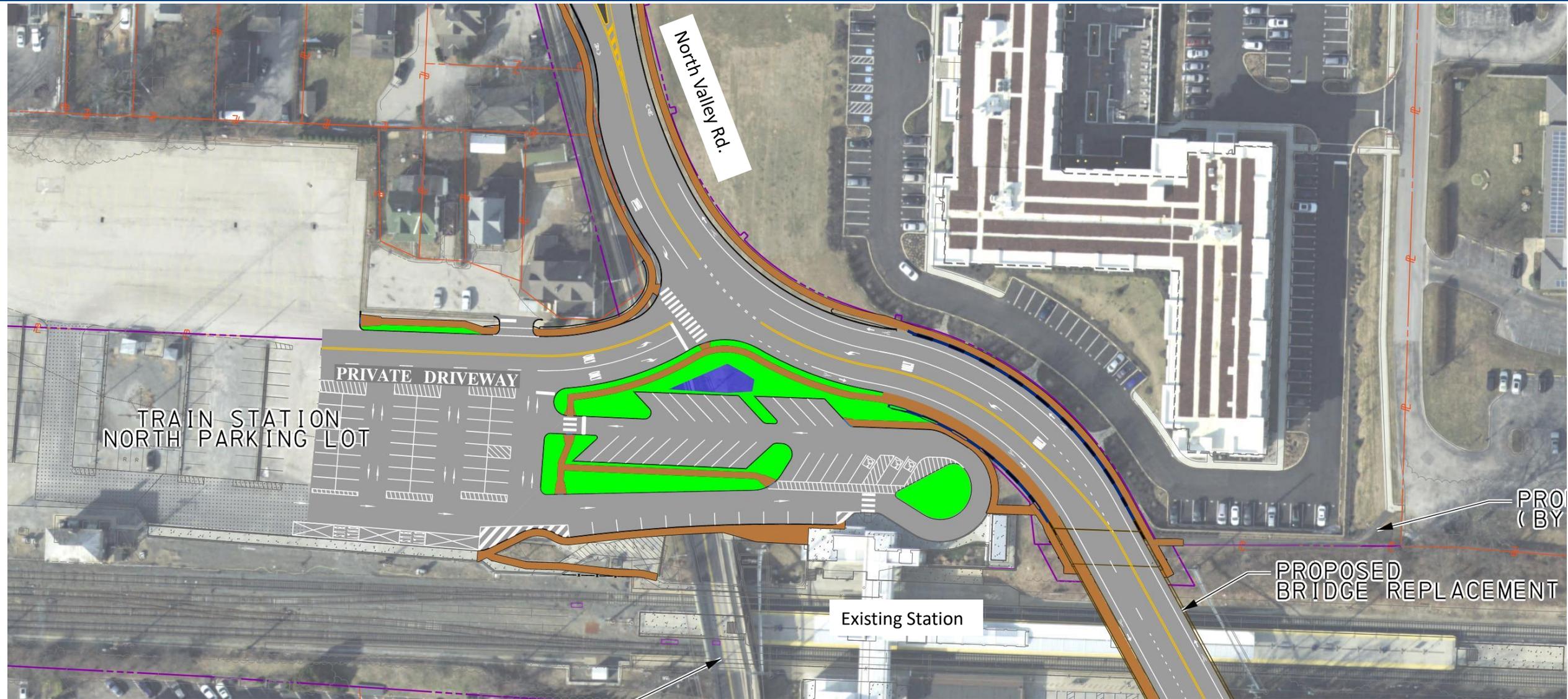
- PROPOSED SIDEWALK
- PROPOSED GRASS AREA
- STORM-WATER-MANAGEMENT LOCATIONS



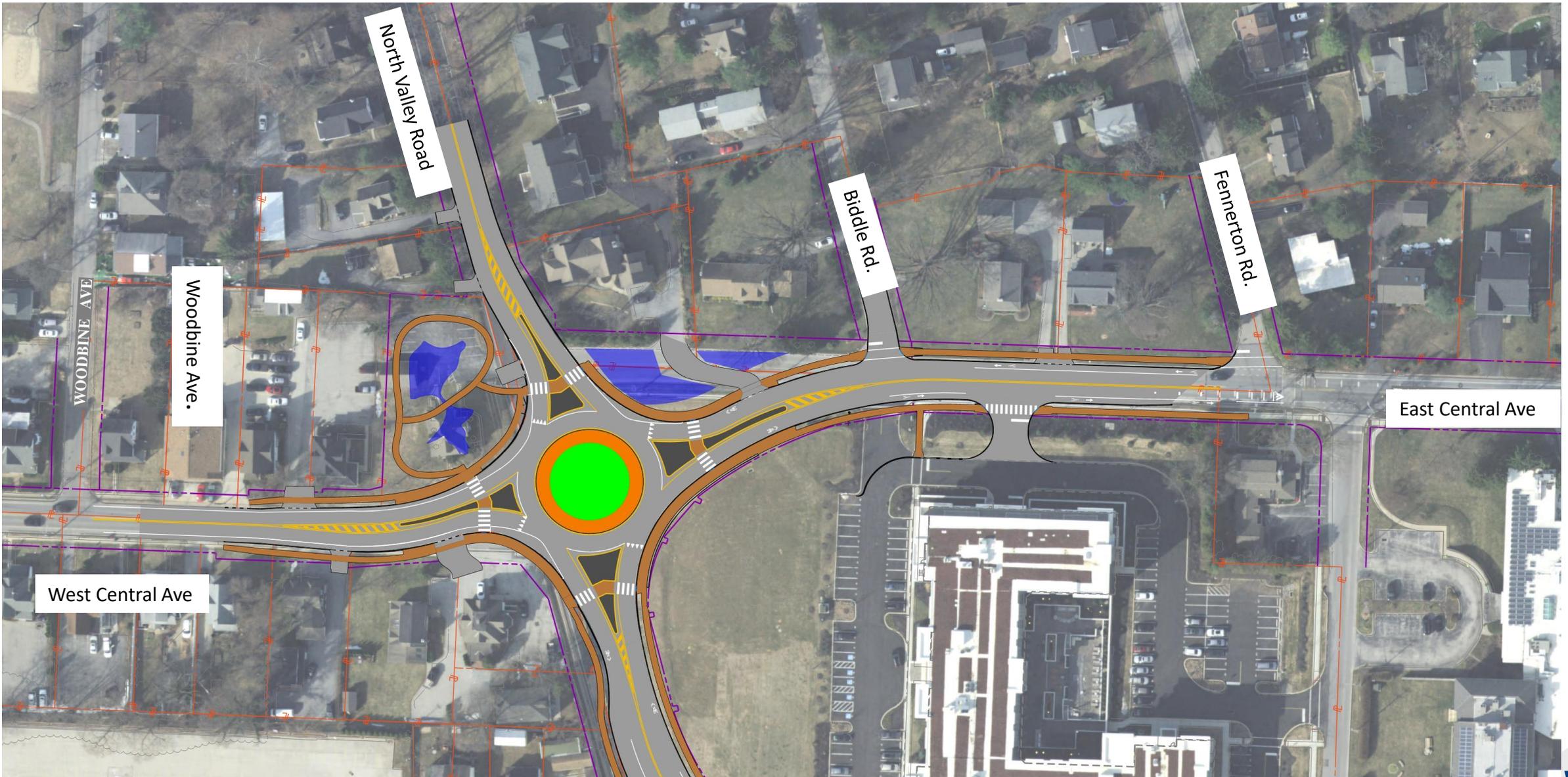
# DESIGN IMPROVEMENTS – SOUTH LOT



# DESIGN IMPROVEMENTS-NORTH LOT



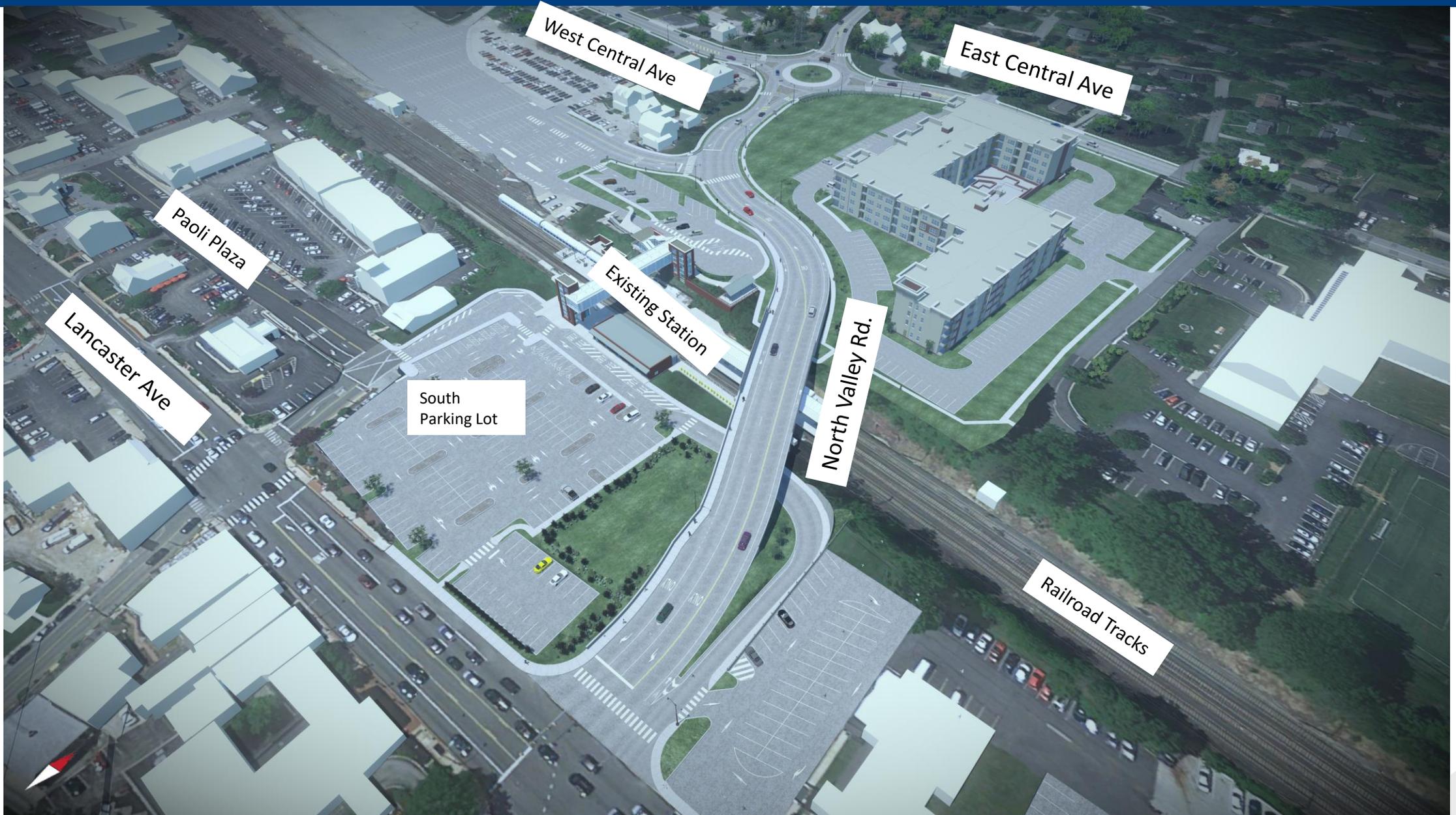
# DESIGN IMPROVEMENTS-CENTRAL AVE



# FLYOVER VIDEO



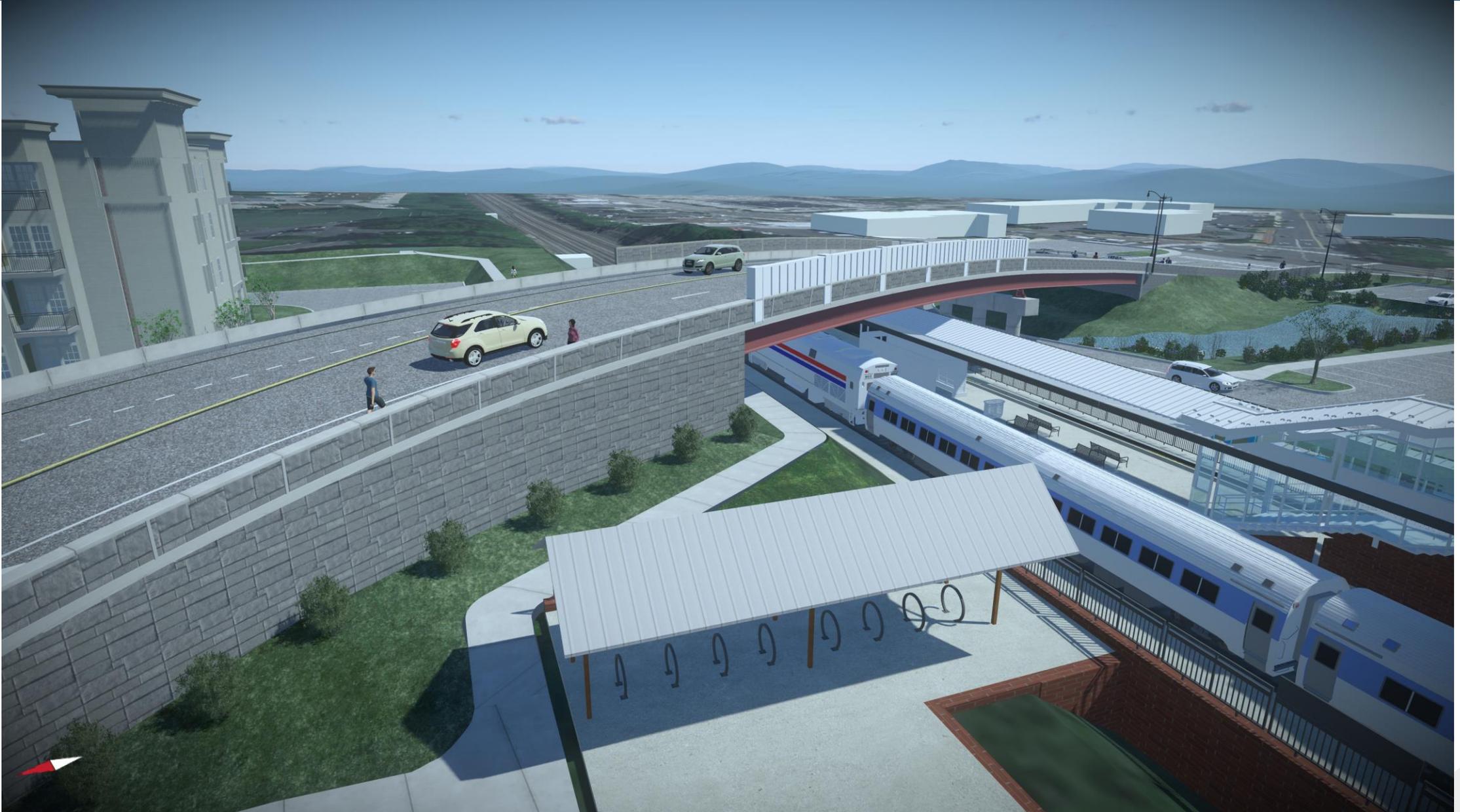
# ARTISTIC RENDERING – OVERVIEW



# ARTISTIC RENDERING – BRIDGE



# ARTISTIC RENDERING – RETAINING WALL



# ARTISTIC RENDERING – ROUNDABOUT



West Central Avenue

East Central Avenue

North Valley Rd



# ARTISTIC RENDERING – ROUNDABOUT



# ARTISTIC RENDERING – STORMWATER AREA



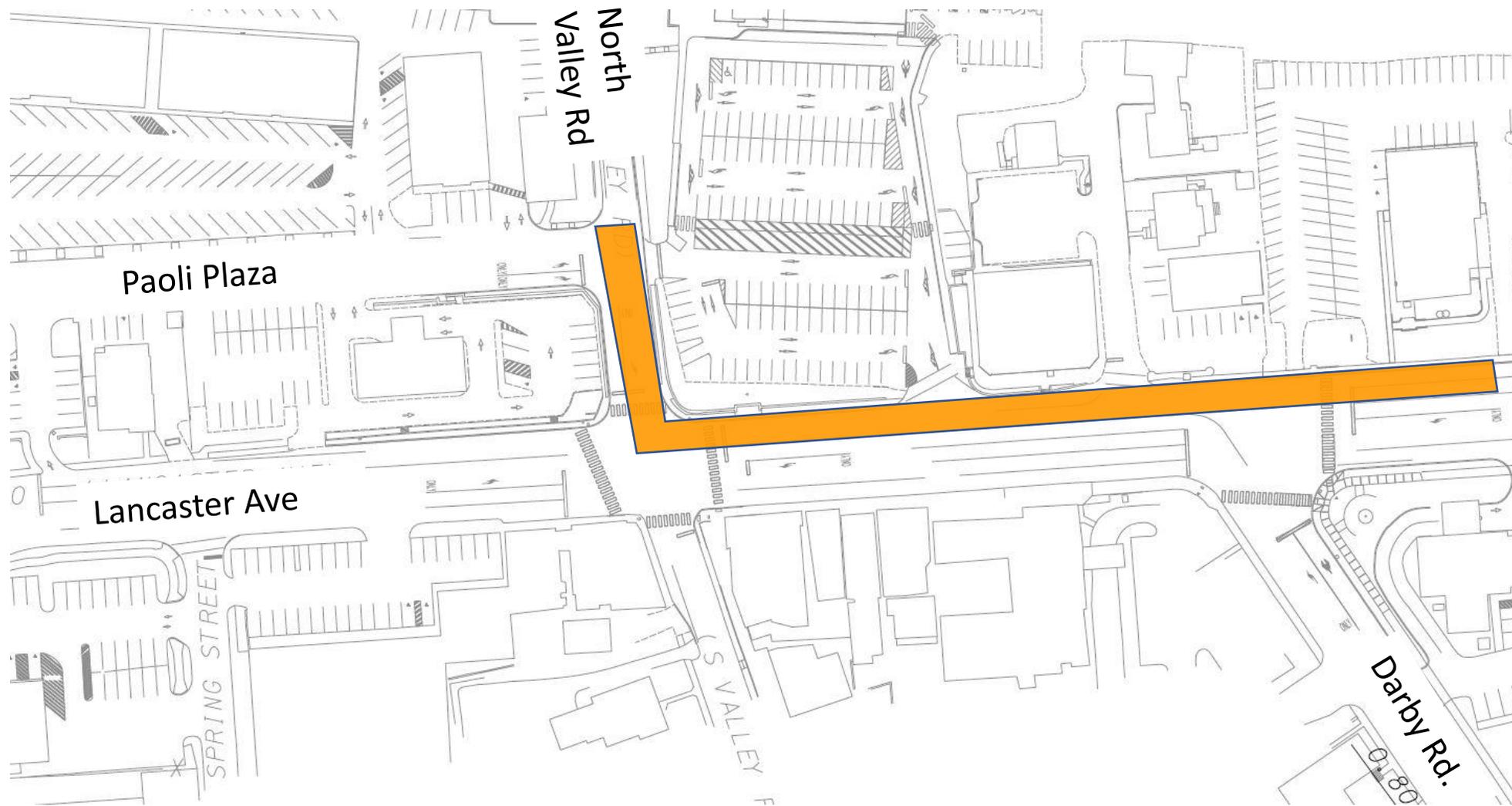
# STORMWATER PERMITTING

## NPDES Permit & Erosion and Sediment Control

- Approved by CCCD and PADEP 7/15/21
- Stormwater Management coordinated with Township



# TRAFFIC CONTROL-PRE-STAGE 1



- Utility relocation work requires temporary removal of left turn lane on Lancaster Avenue



Work Zone

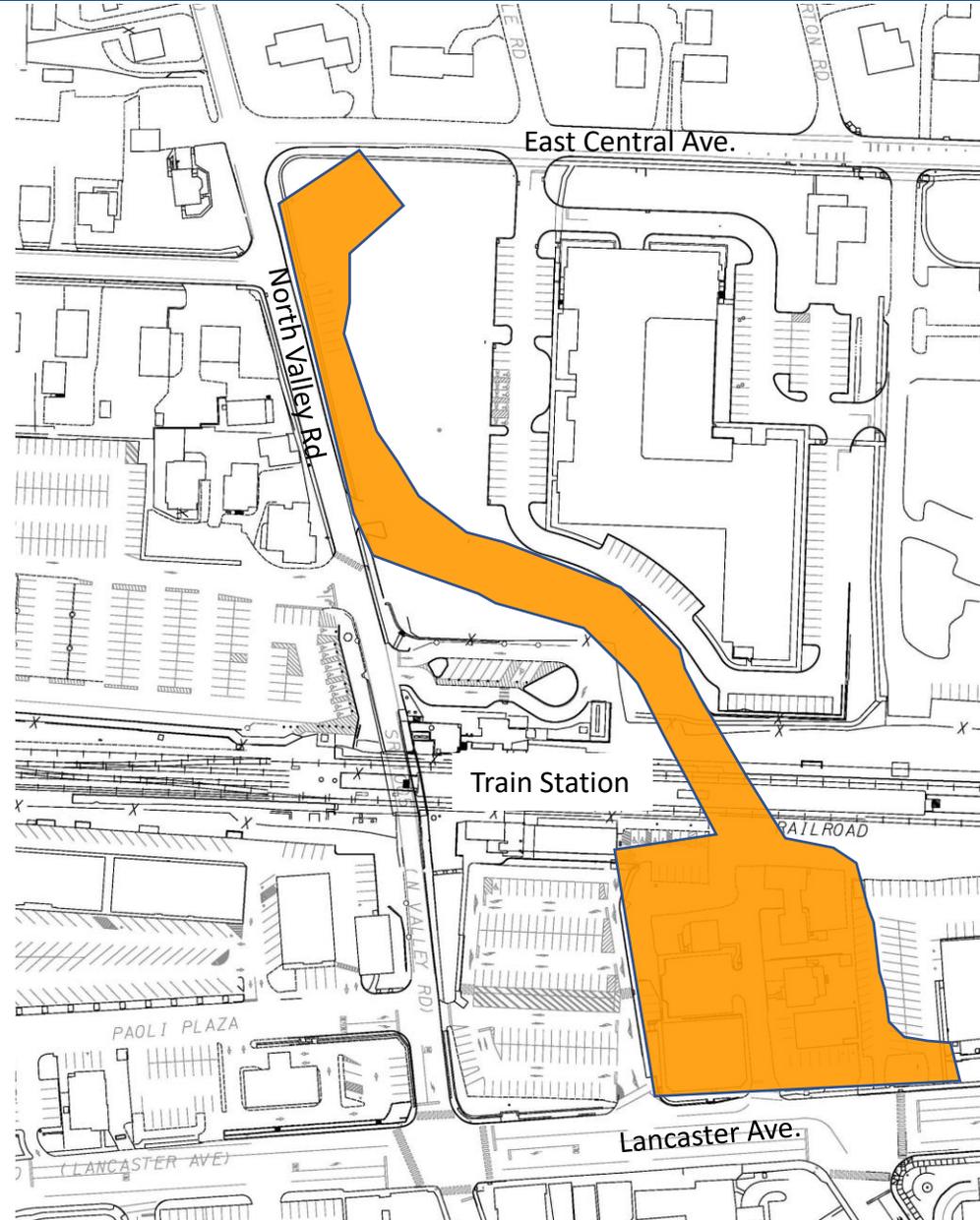


Completed Construction



# TRAFFIC CONTROL-STAGE 1A

West Central Ave.



- Access to business and residential driveways to be maintained during construction.



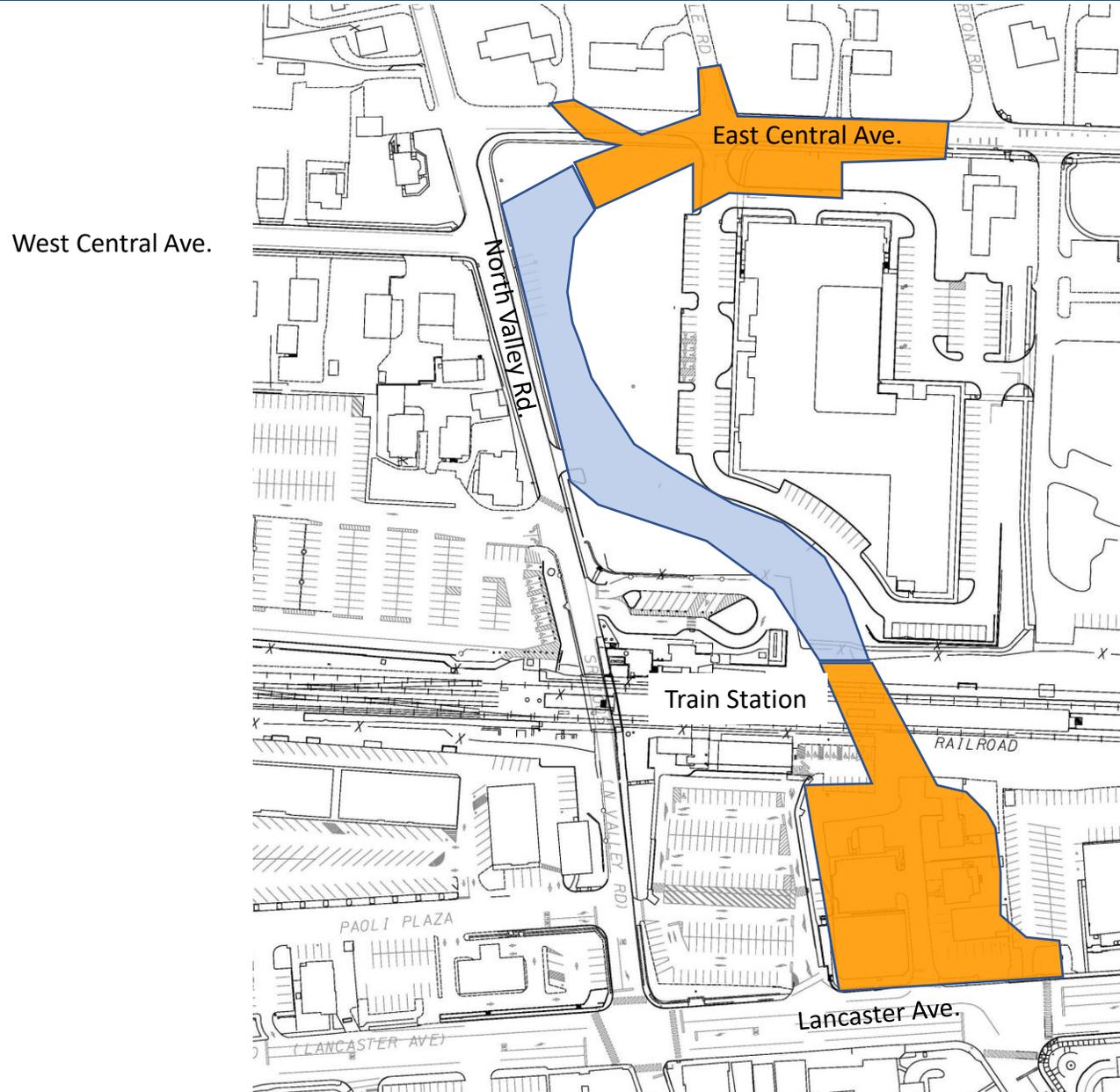
Work Zone



Completed Construction



# TRAFFIC CONTROL-STAGE 1B&1C



- Access to business and residential driveways to be maintained during construction.



Work Zone

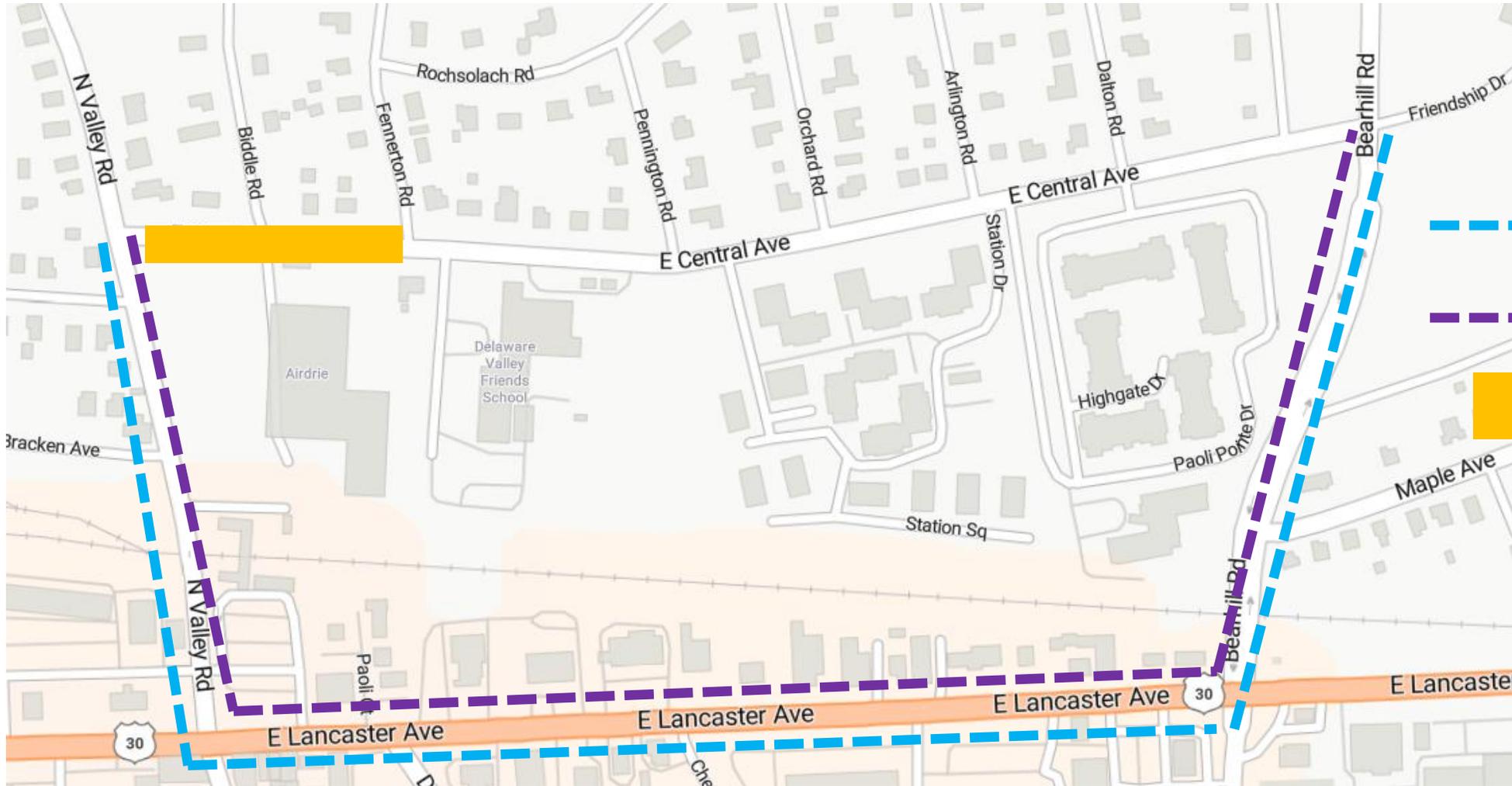


Completed Construction



# DETOUR

## East Central Ave. Detour



— EB Detour (0.9 miles)

— WB Detour (0.9 miles)

— Road Closure Area

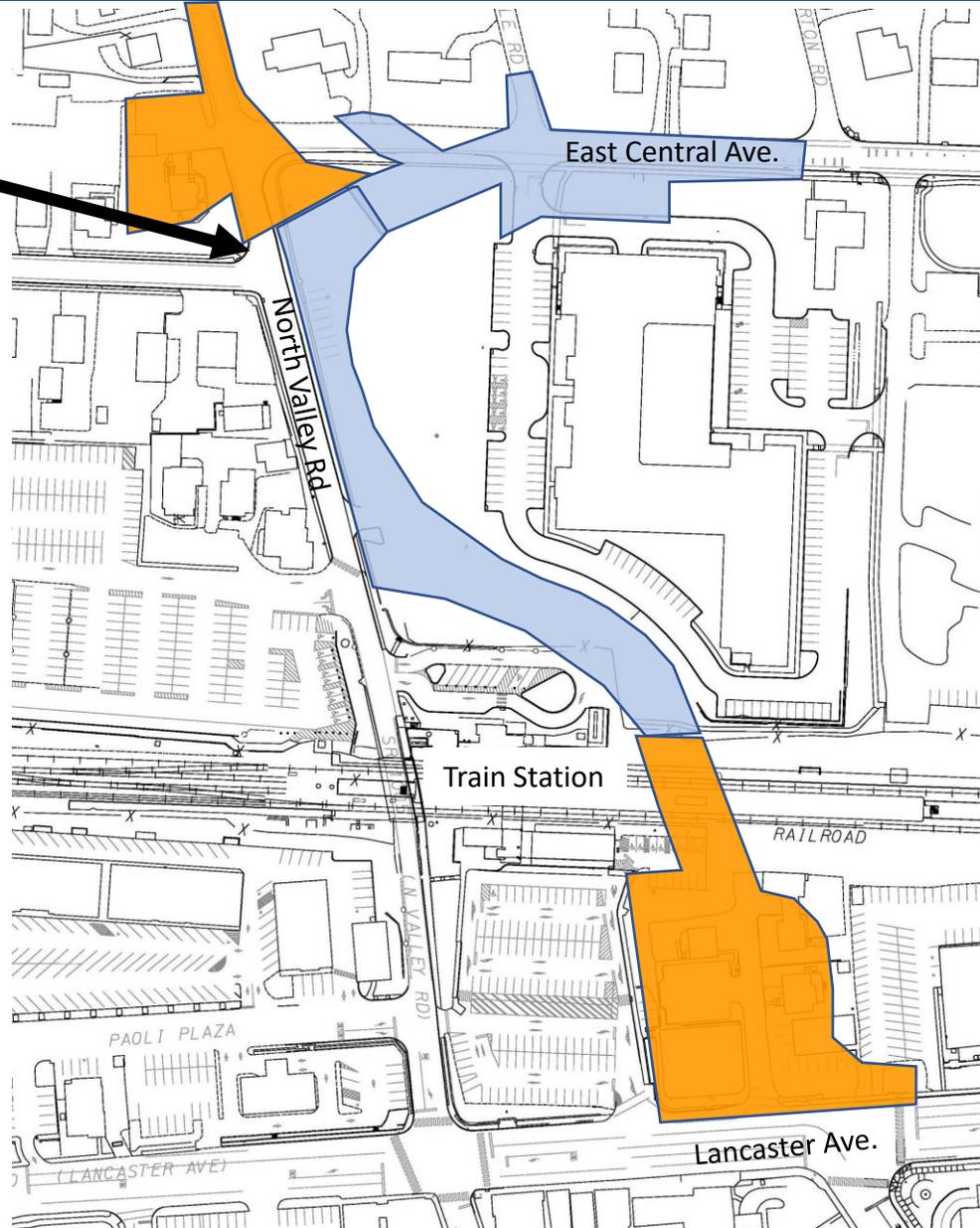


# TRAFFIC CONTROL-STAGE 1D



- Temporary traffic signal installed at Central Ave/North Valley Rd.

West Central Ave.



- Access to business and residential driveways to be maintained during construction.



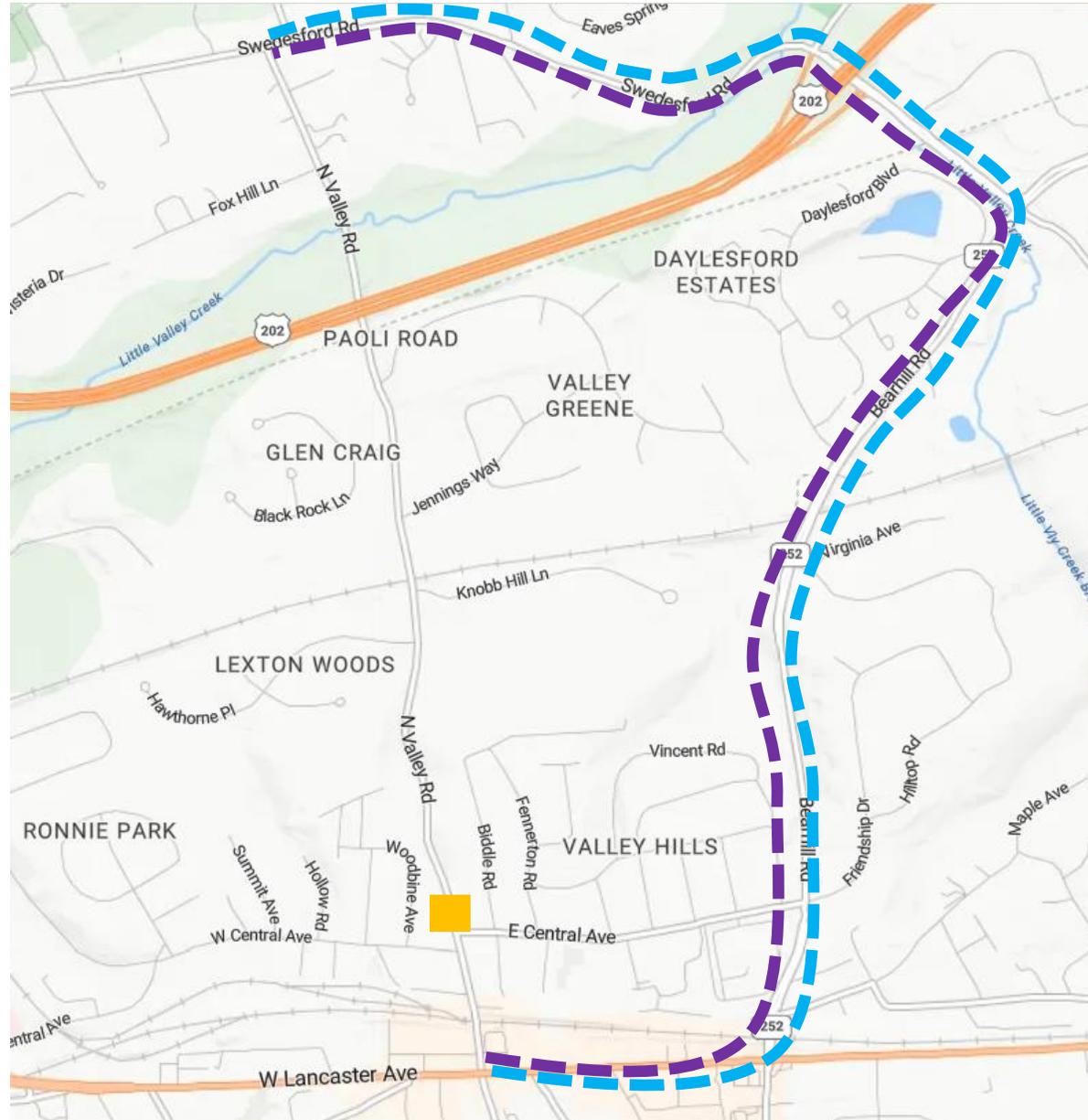
Work Zone



Completed Construction



# TRAFFIC CONTROL-DETOUR



## North Valley Road Detour

-  NB Detour (3 miles)
-  SB Detour (3 miles)
-  Road Closure Area

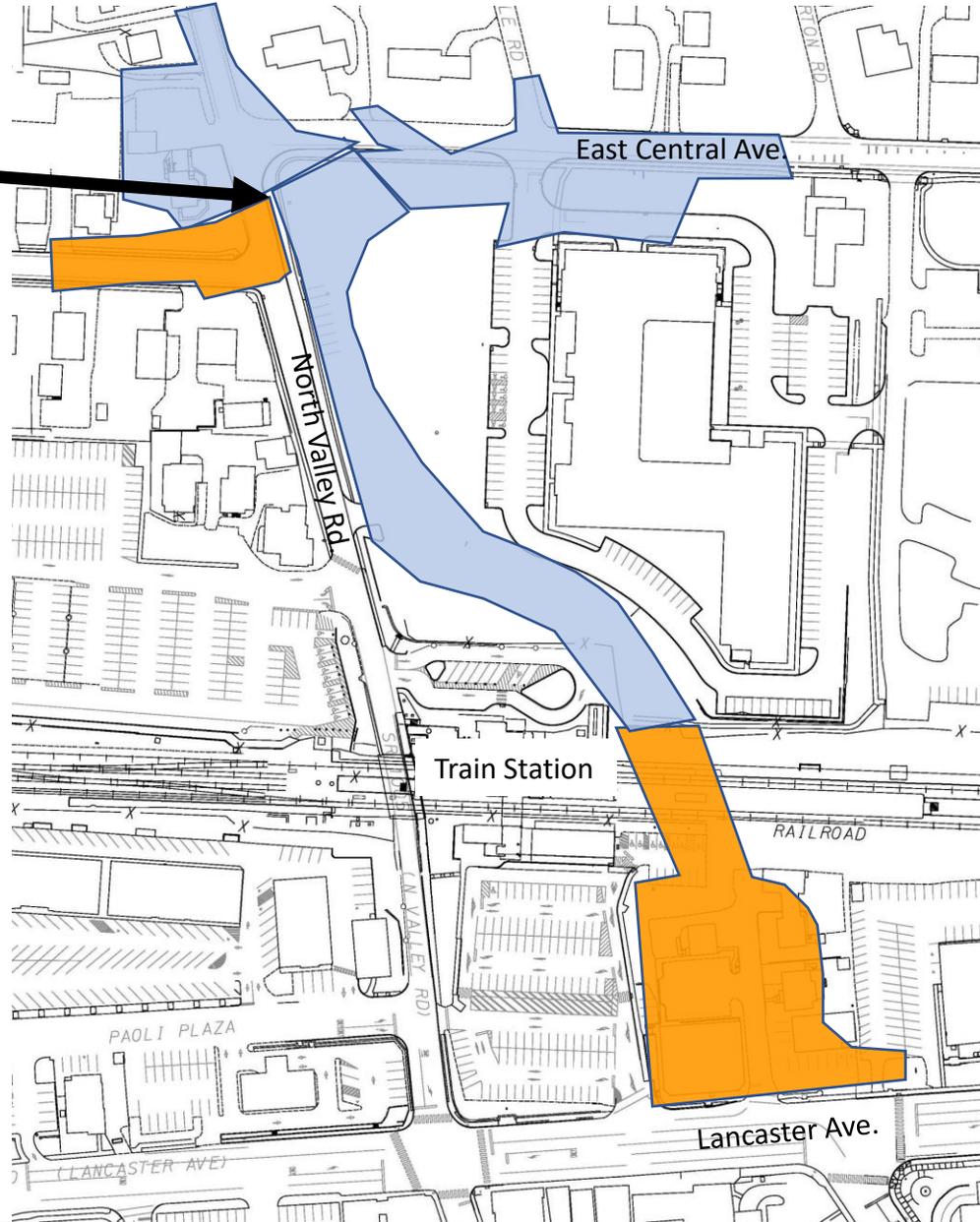


# TRAFFIC CONTROL-STAGE 1E&1F



West Central Ave.

- Temporary traffic signal installed at Central Ave/North Valley Rd.



- Access to business and residential driveways to be maintained during construction.



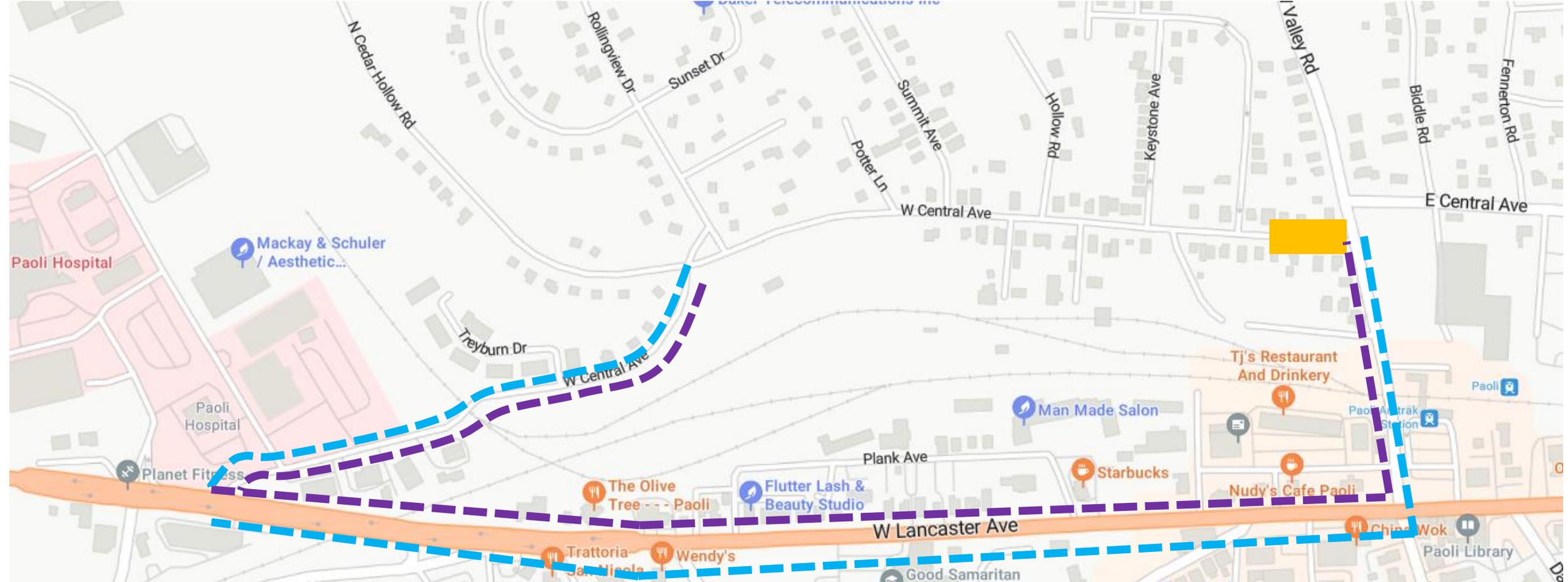
Work Zone



Completed Construction



# DETOUR



## West Central Ave. Detour

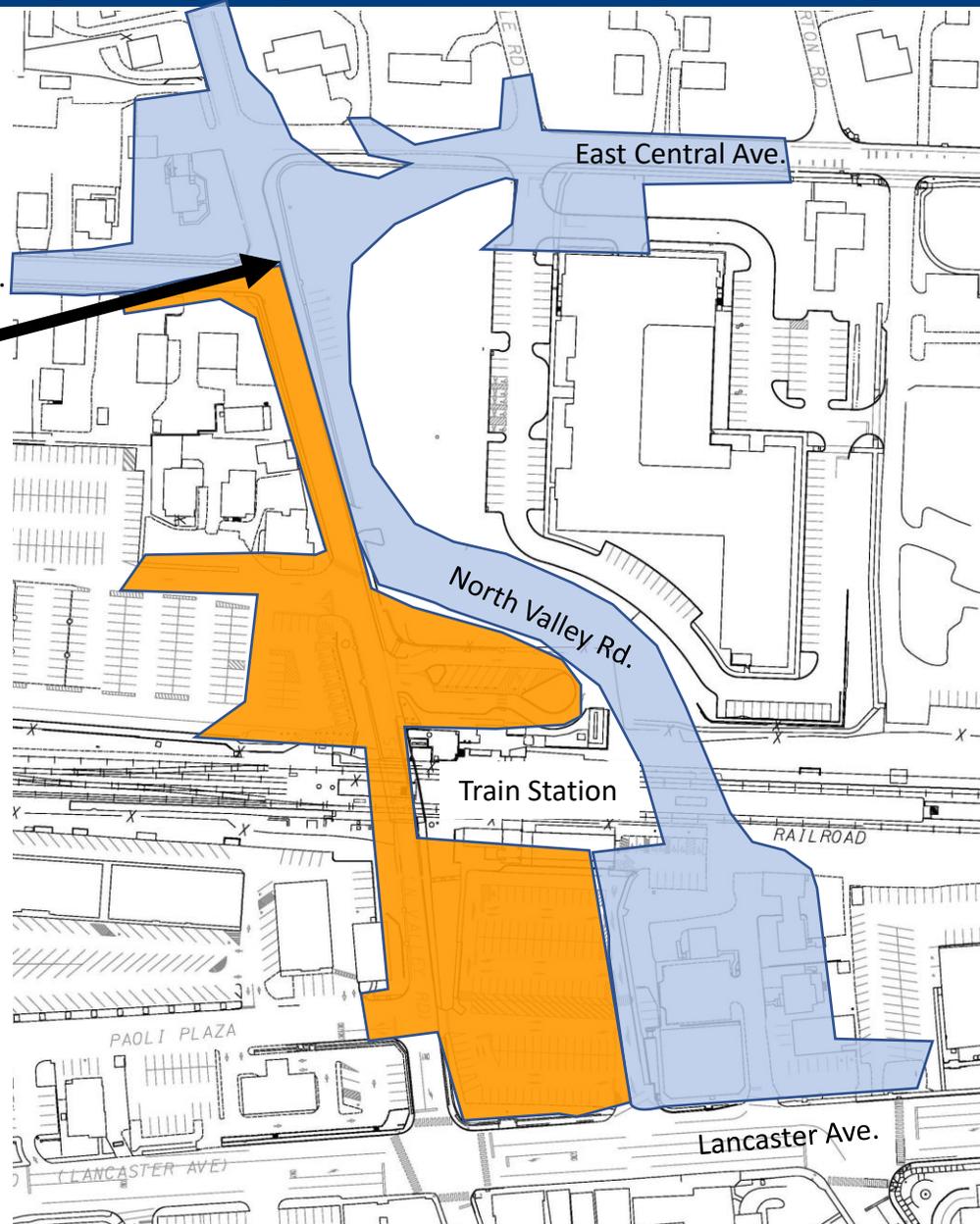
-  EB Detour (1.3 miles)
-  WB Detour (1.3 miles)
-  Road Closure Area



# TRAFFIC CONTROL-STAGE 2A&2B



- Temporary traffic signal installed at Central Ave/North Valley Rd.



- Traffic switched to new bridge and roadway
- Existing Bridge removed
- Train station and parking remains open.



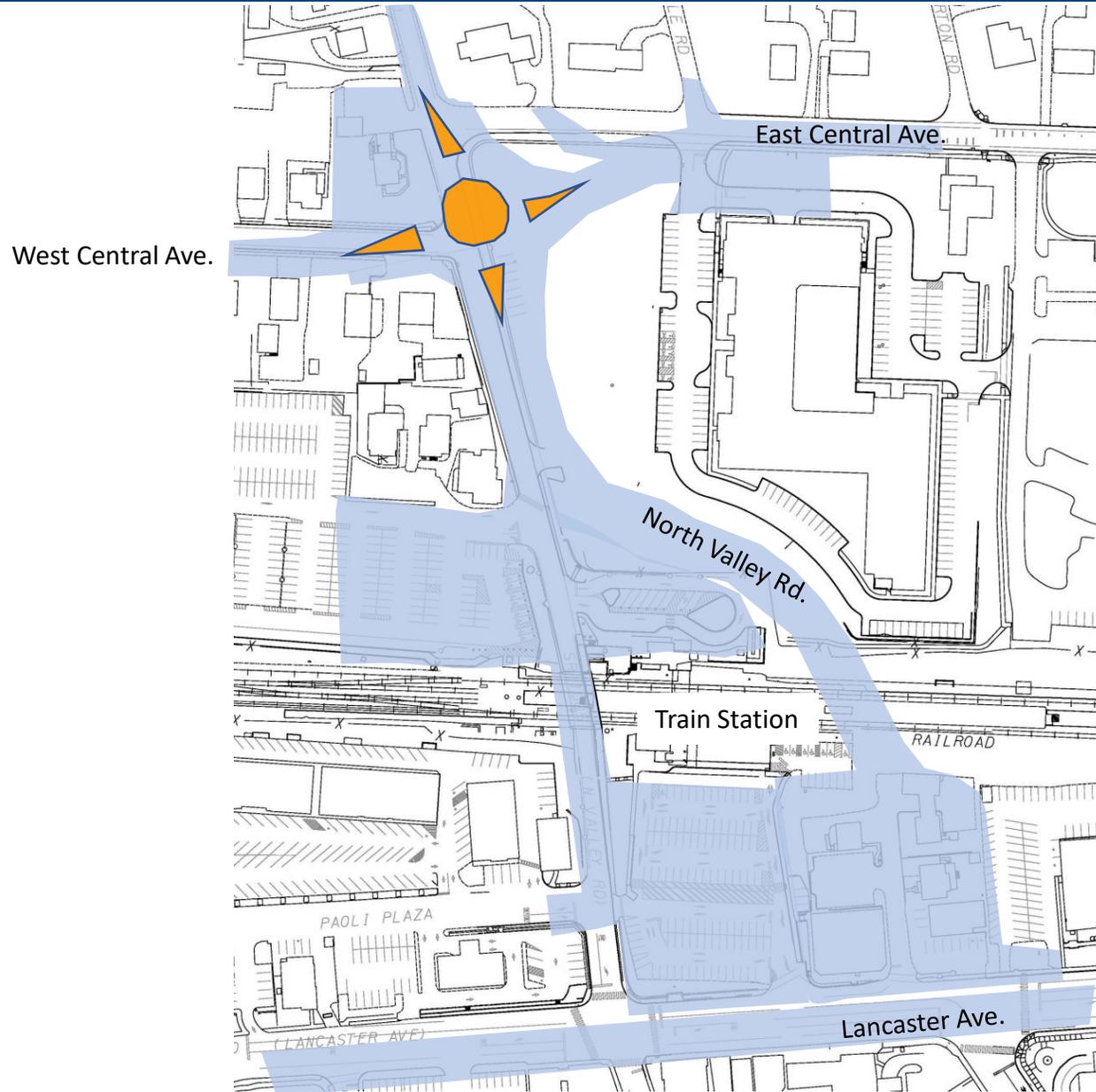
Work Zone



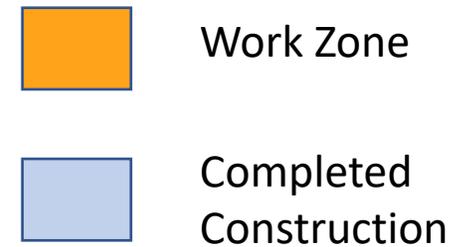
Completed Construction



# TRAFFIC CONTROL-STAGE 3&4



- Access to all residential driveways to be maintained during construction.



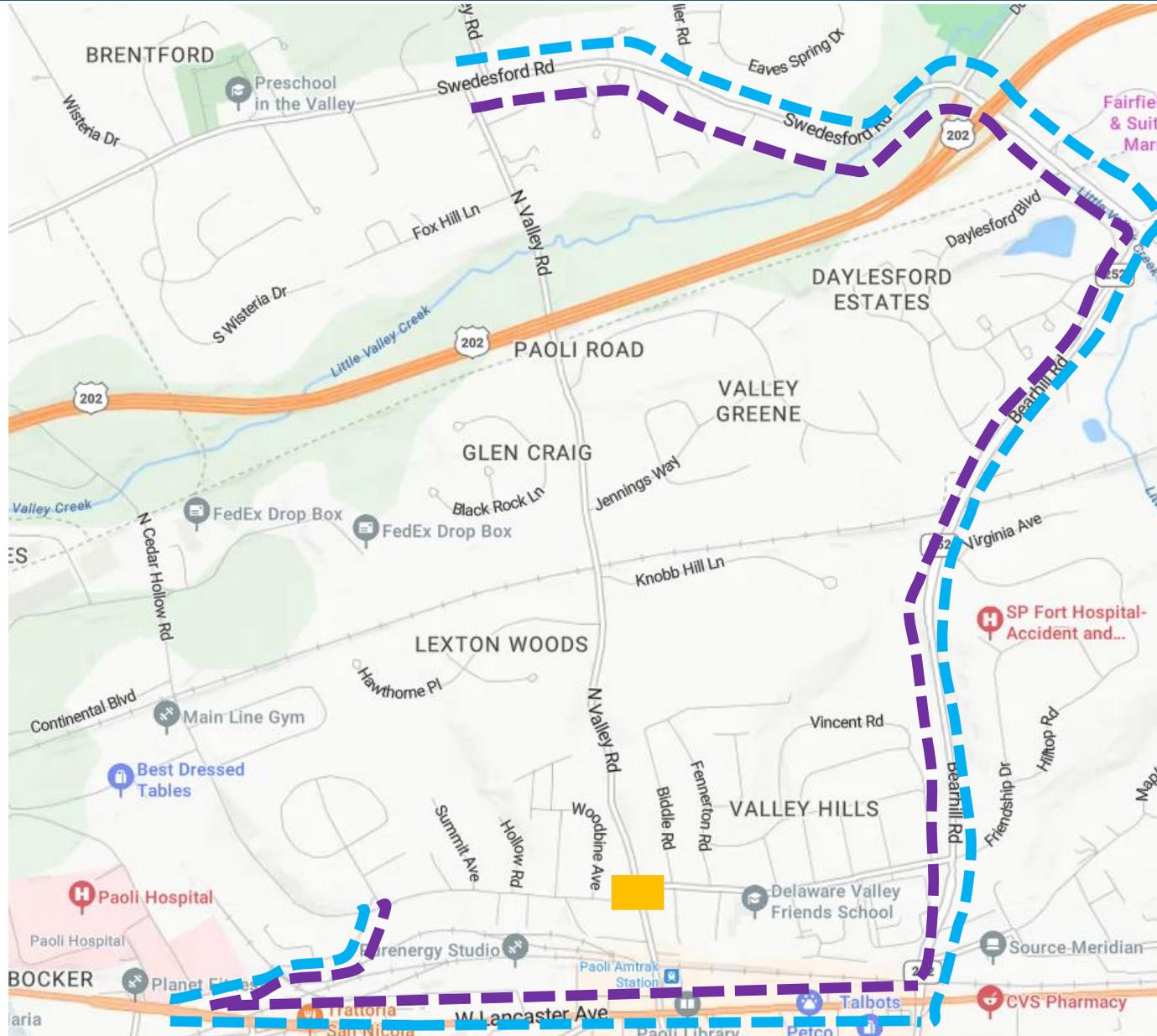
Stage 3 – Install islands at roundabout

Stage 4 – Final paving of all project areas



# DETOUR

## North Valley Rd./Central Ave Int. Detour



-  EB Detour (4.1 miles)
-  WB Detour (4.1 miles)
-  Road Closure Area



# CONSTRUCTION SCHEDULE

	Year 1				Year 2				Year 3				Year 4			
Construction Timeline																
Notice to Proceed																
Pre-stage 1																
Stage 1A																
Stage 1B 1C																
Detour																
Stage 1D																
Detour																
Stage 1E 1F																
Detour																
Stage 2A 2B																
Stage 3, 4																
Detour																
Work completion																



# UTILITIES

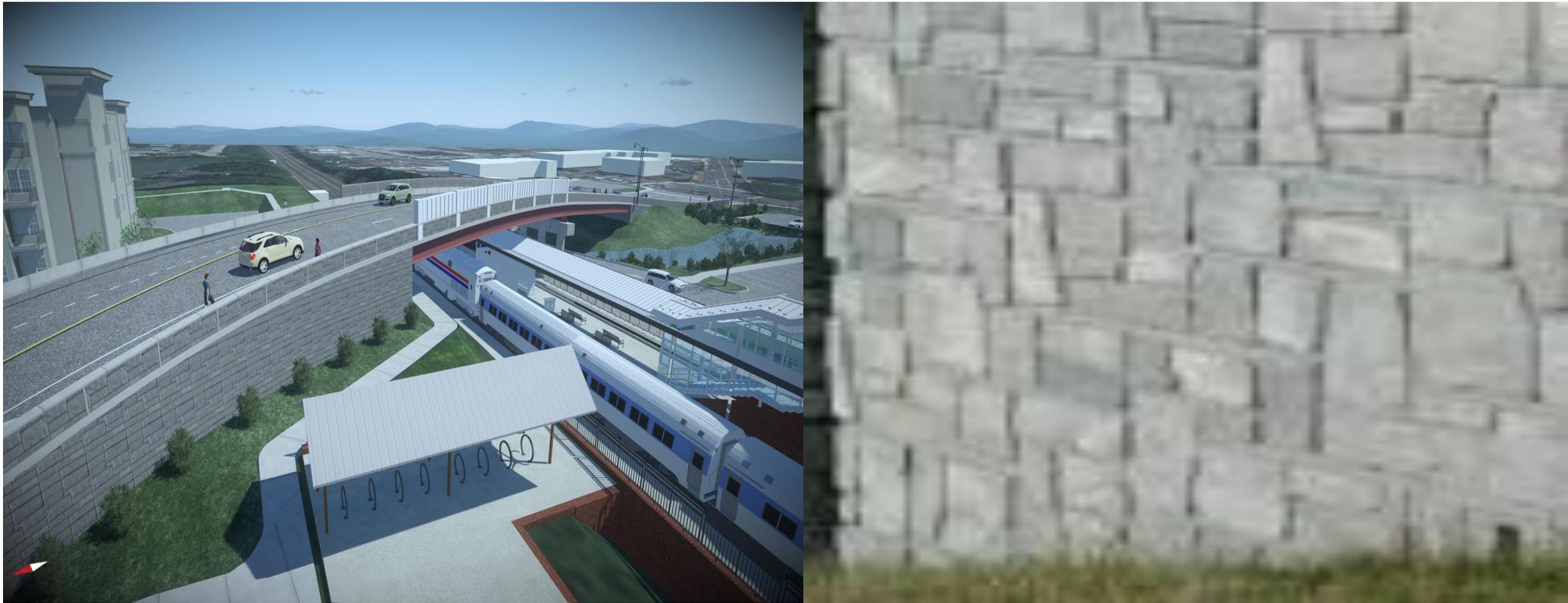
- Utilities will relocate to new road location
- All new utilities will be underground
- All utilities to remain active until new ones are in place
- Short term outage possible for switch over
- Utility relocation coordination process on-going



# AESTHETICS

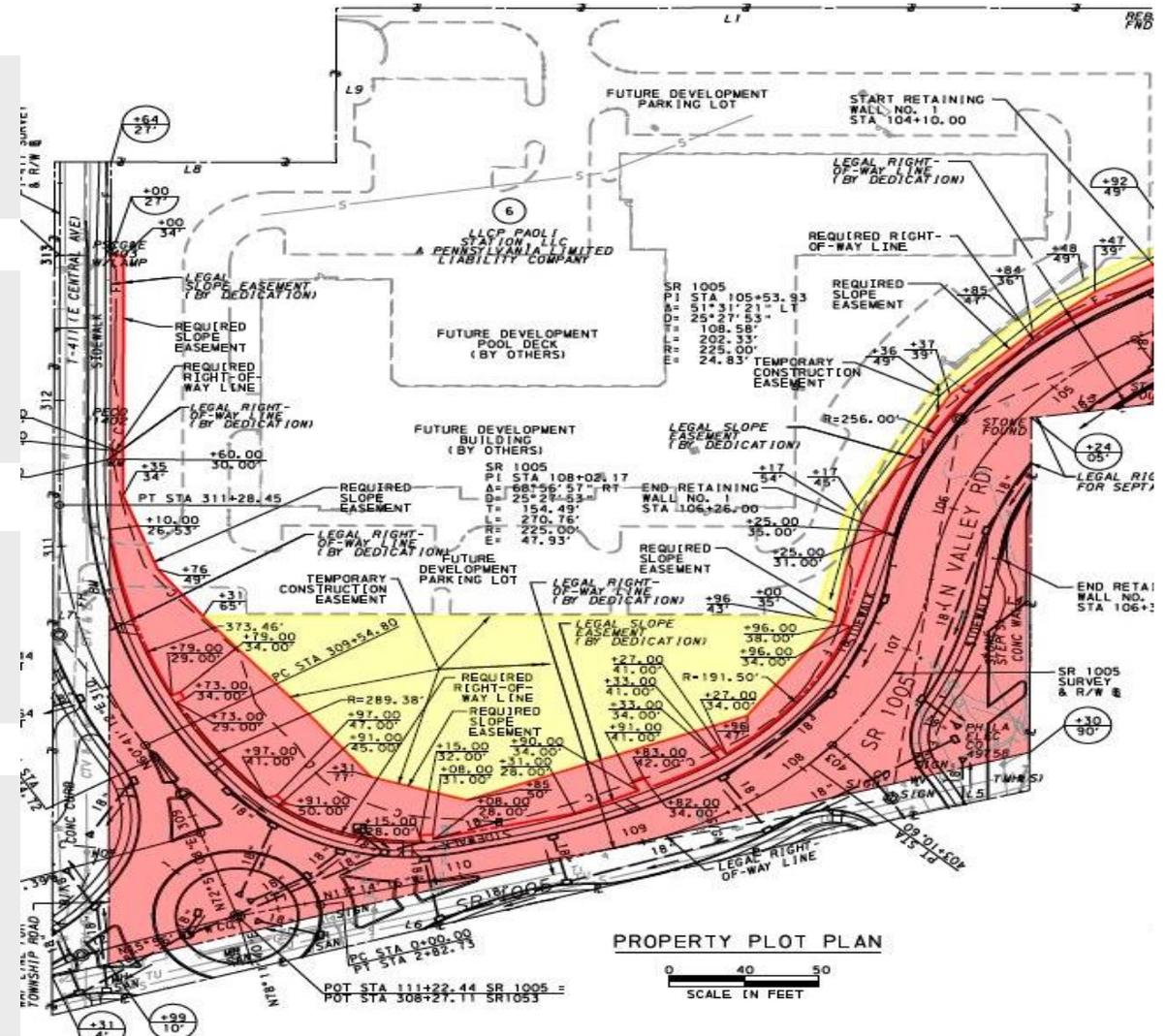
Retaining Wall/Bridge Walls:

- Ashlar stone pattern/color (example)



# RIGHT-OF-WAY UPDATE

- 20 Parcels Impacted
- As of January 2024, PennDOT has completed acquisition for 19 Parcels
- All residential and business relocations completed
- The remaining 1 Parcel is currently in negotiations between PennDOT and Amtrak



# BUILDING DEMOLITION UPDATE

- 5 buildings to be removed at Paoli Court and 1 removed at North Valley Rd/W. Central Ave as of Dec 2023
- Demolition to continue in late January and be completed within 2-3 months



 Area of demolition



# PROJECTS IN NEED OF AMTRAK SUPPORT

- Sellers Ave (Ridley Park) currently in construction
- Boot Road (East Caln Township) currently in construction
- I-83 (Dauphin County)
- N Narbeth Ave ( Narberth Borough)
- W Bridge Street (Parksburg)
- **N. Valley Road Bridge over Amtrak**



# AMTRAK SUPPORT NEEDED FOR N. VALLEY ROAD BRIDGE REPLACEMENT

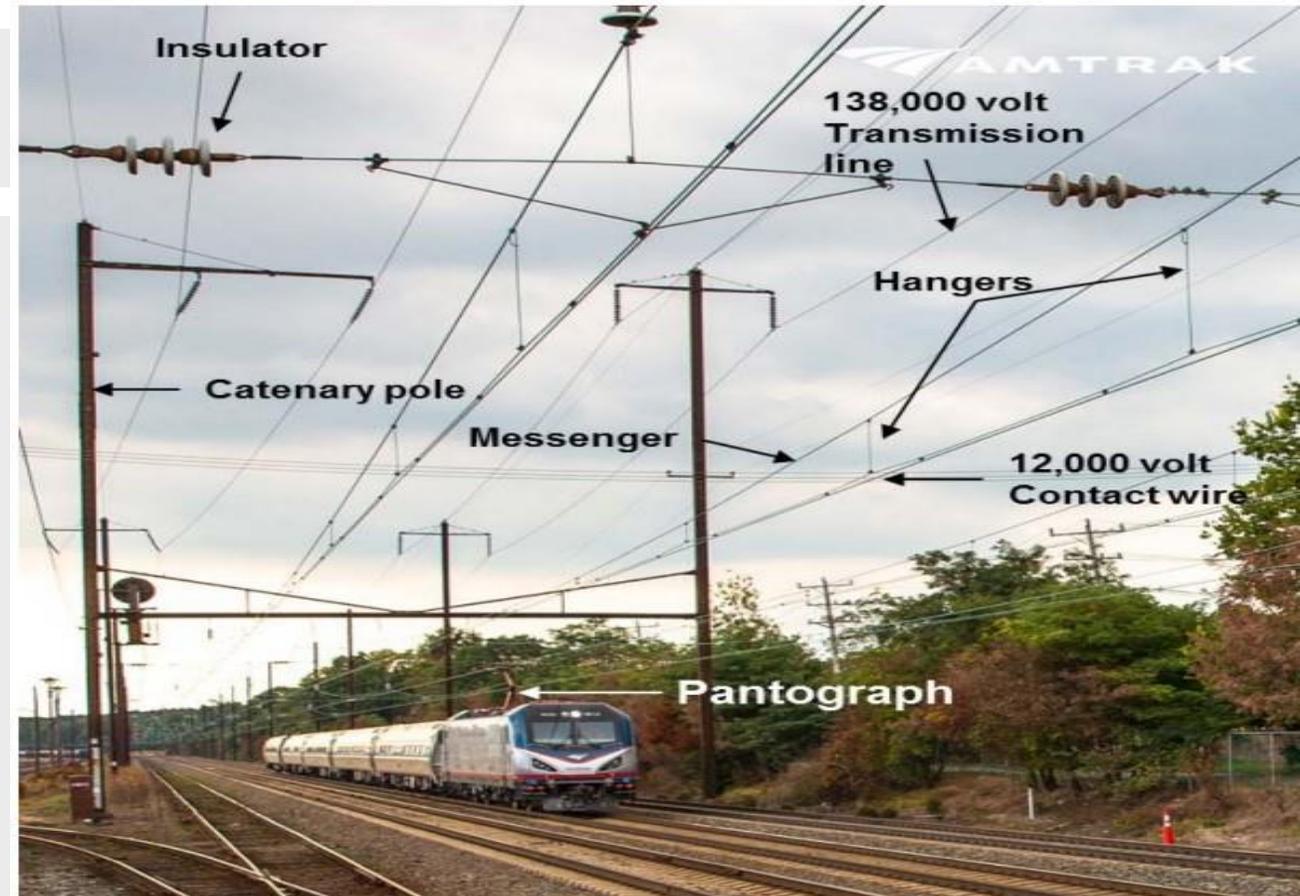
AMTRAK Construction Agreement

AMTRAK Right-of-Way Clearance

AMTRAK labor support needed during bridge construction:

- Catenary work
- Railroad protection services-Stage- such as flagging during construction
- Track outages
- Relocation of Amtrak Fiber Optic communication system

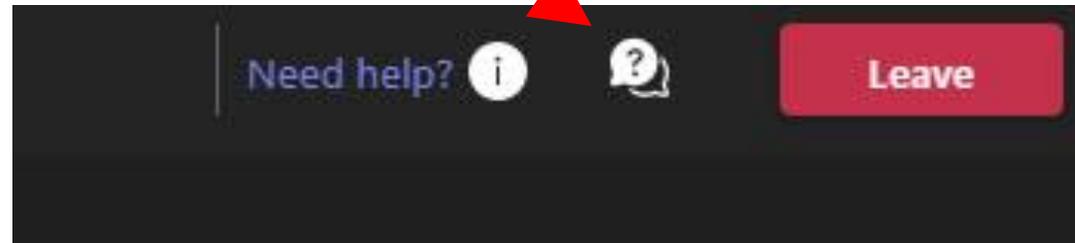
## Catenary System





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# THANK YOU FOR PARTICIPATING!

FOR MORE INFORMATION, VISIT THE PENNDOT DISTRICT 6 WEBSITE

[WWW.PENNDOT.PA.GOV/REGIONALOFFICES/DISTRICT-6](http://WWW.PENNDOT.PA.GOV/REGIONALOFFICES/DISTRICT-6)

[NORTH VALLEY ROAD BRIDGE RELOCATION PROJECT WEBPAGE](#)