

# **ROUTE 73 (CHURCH ROAD) INTERSECTION IMPROVEMENTS PROJECT**

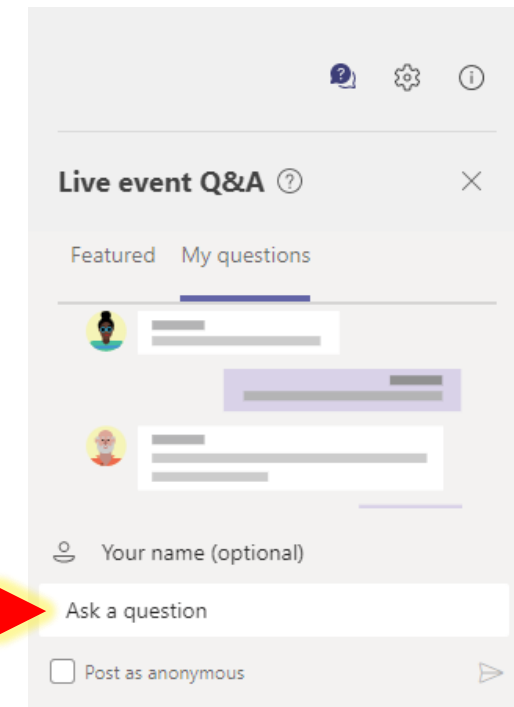
PUBLIC MEETING – APRIL, 2023

# MEETING INSTRUCTIONS

- If you have a question during the presentation, use the **Q&A Button** at the top of the Microsoft Teams window to input and post your question



- Questions will be answered at the end of the presentation



# PURPOSE AND AGENDA

- Purpose: provide public with an update on the Church Road Intersection Improvements Project
- Agenda:
  - Project Limits
  - Project Improvements
  - Final Project Plan
  - Project Schedule
  - During Construction
  - Contact Info



# PROJECT LIMITS



# PROJECT IMPROVEMENTS

- Road widening to add left turn lanes on Church Road at Greenwood Avenue
  - New traffic signals
  - New pedestrian ADA ramps and crosswalks
- Road widening to add northbound Greenwood Avenue right turn lane
- New curbing along Church Road and Greenwood Avenue
- New sidewalk on the north side of Church Road from Greenwood Avenue to Rices Mill Road
- New sidewalk on the south side of Church Road from Randall Road to Greenwood Avenue



# PROJECT IMPROVEMENTS

- Intersection improvements at Church Road and Rices Mill Road:
  - New traffic signals
  - Advance left turn phase for eastbound Church Road
  - New pedestrian ADA ramps and crosswalks



# DRAINAGE IMPROVEMENTS

- Curb and roadway drainage will be installed along Church Road and Greenwood Avenue to capture and convey roadway runoff.
- An estimated 46 inlets and 4,300 feet of drainage pipe will be installed.
- The project will meet peak rate, volume, and water quality requirements for a National Pollutant Discharge Elimination System (NPDES) permit.
- Peak flow rates are reduced to less than the existing peak flows in all storm events, up to and including the 100-year, 24-hour storm.
- Proposed stormwater management basin to be installed along Greenwood Avenue.



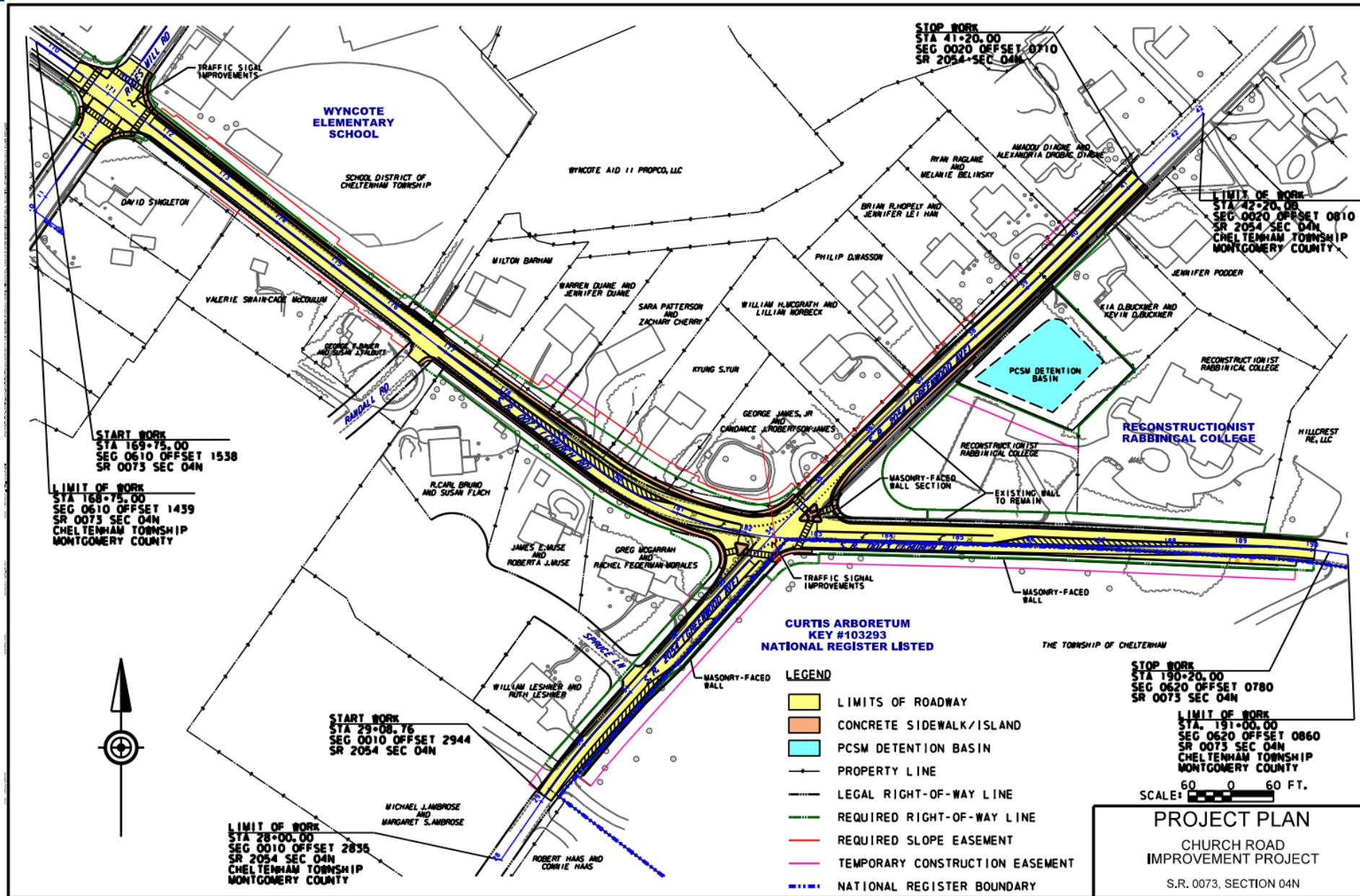
# CURTIS ARBORETUM

- Approximately 22, 1-foot caliper trees will be planted along the Arboretum's Church Road and Greenwood Avenue frontage (21 trees will be removed)
- The Arboretum perimeter stone wall along Church Road and Greenwood Avenue will be rebuilt and faced with stone to resemble the original wall





# FINAL PROJECT PLAN



# BEFORE & AFTER

2 - Church Rd Looking West from Rabbinical College



# BEFORE & AFTER

4 - Church Rd Looking East

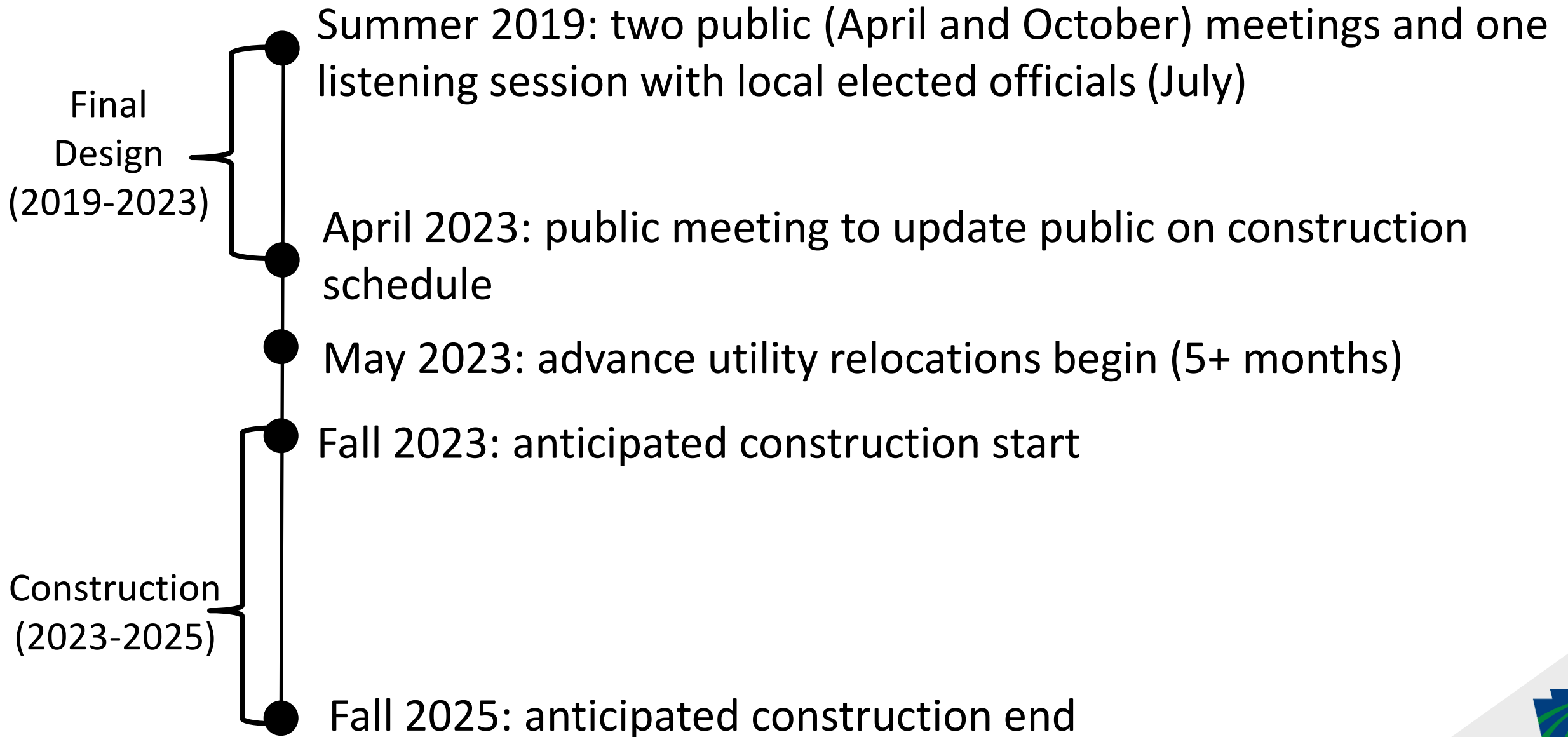


# BEFORE & AFTER

1 - Greenwood Ave Near Curtis Hall Exit



# PROJECT SCHEDULE



# UTILITY CONSTRUCTION

- Advance utility relocations
  - Requires off-peak lane closures and detours
  - Aqua will replace the existing water main from Panther Road to Heacock Lane
  - Enbridge will relocate a pipeline between Randall Road and Greenwood Avenue

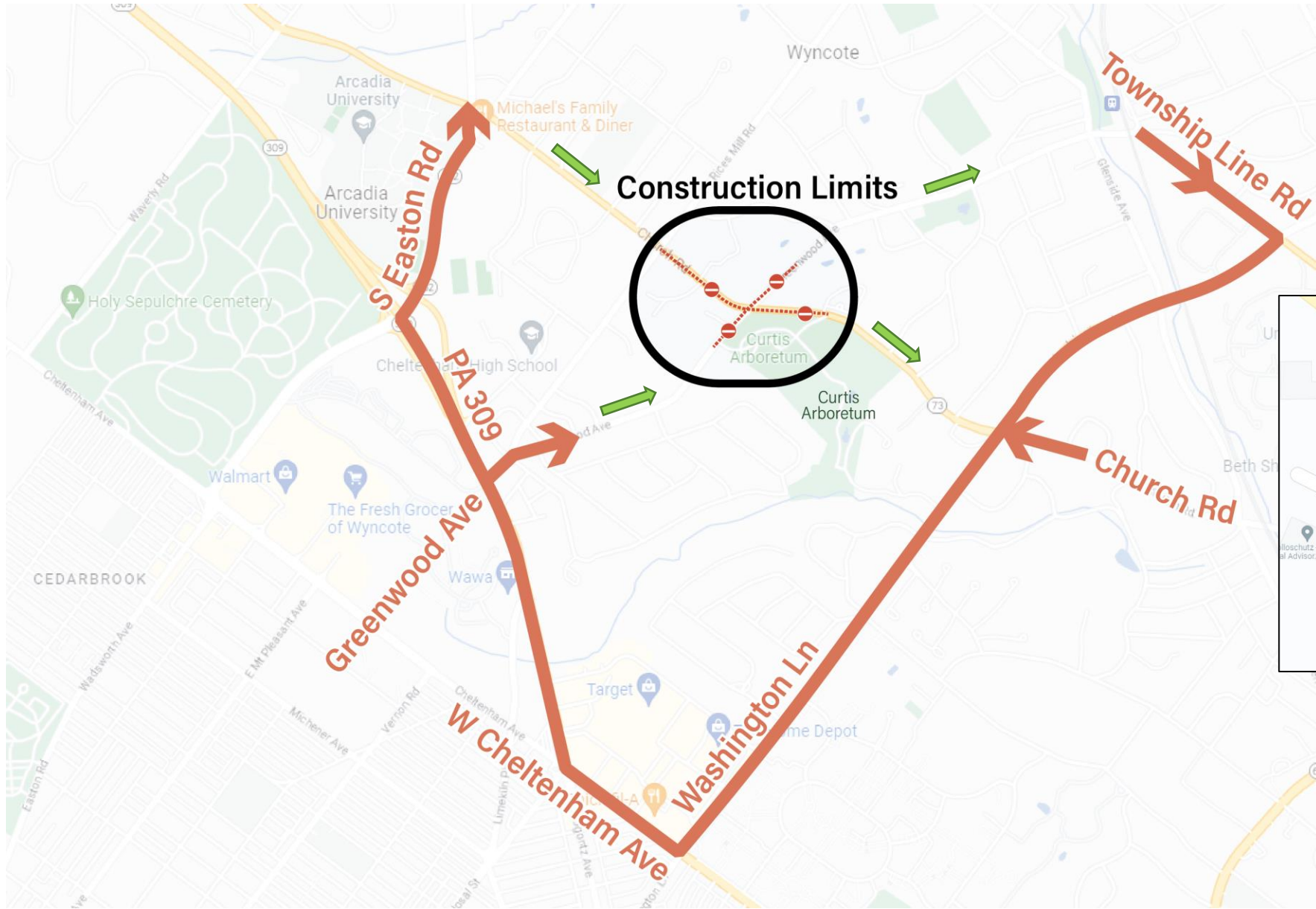


# PENNDOT CONSTRUCTION

- One-way detours on Church Road and Greenwood Avenue will be needed to construct the drainage and pavement improvements
- Phases of construction:
  - Phase 1 – construction work outside of the existing roadways (all roadways open)
  - Phase 2 – Detour Route 73/Church Road west and Greenwood Avenue south
  - Phase 3 – Detour Route 73/Church Road east and Greenwood Avenue north
  - Phase 4 – construction work using short term traffic patterns (all roadways open)

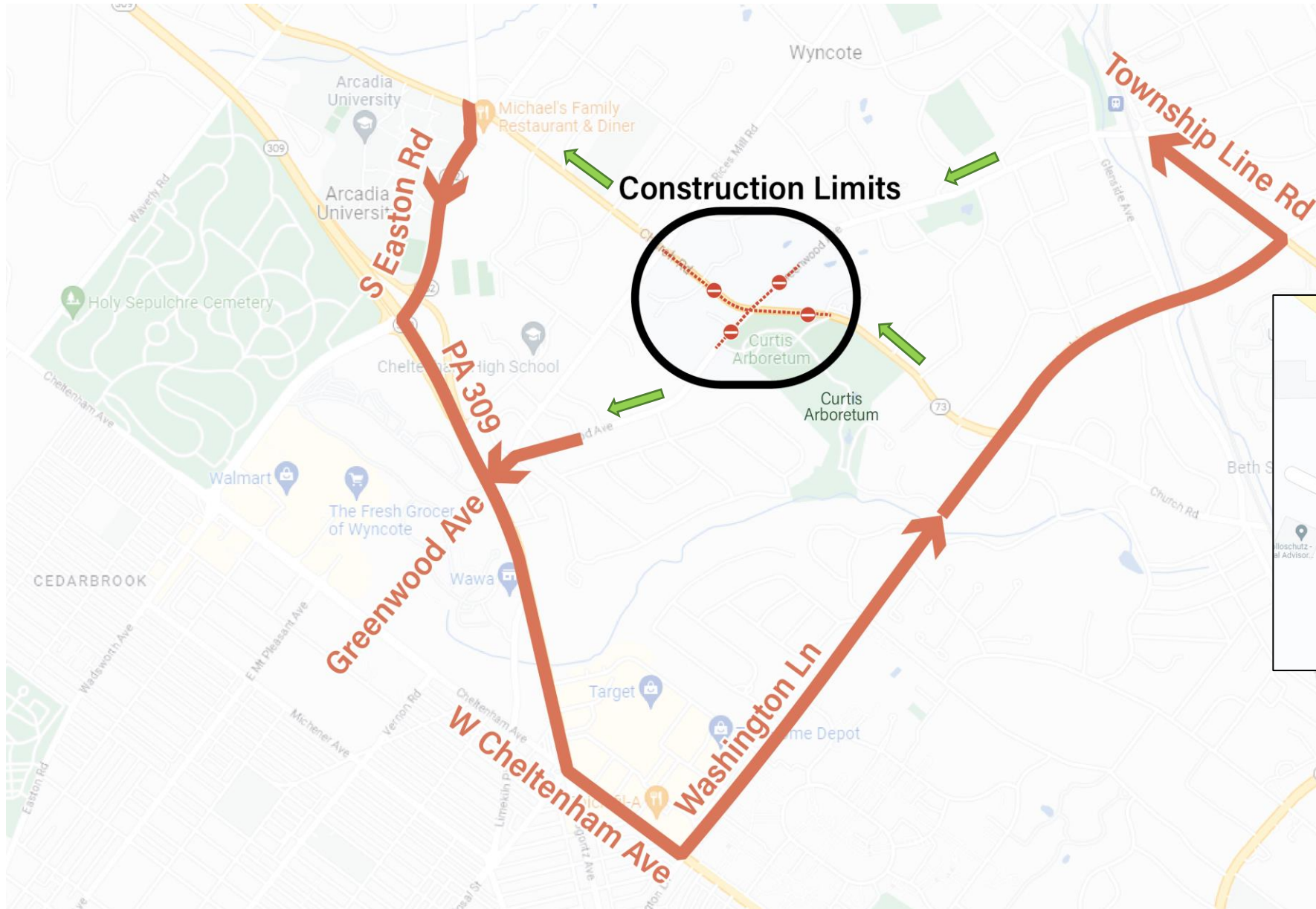


# PHASE 2 DETOUR



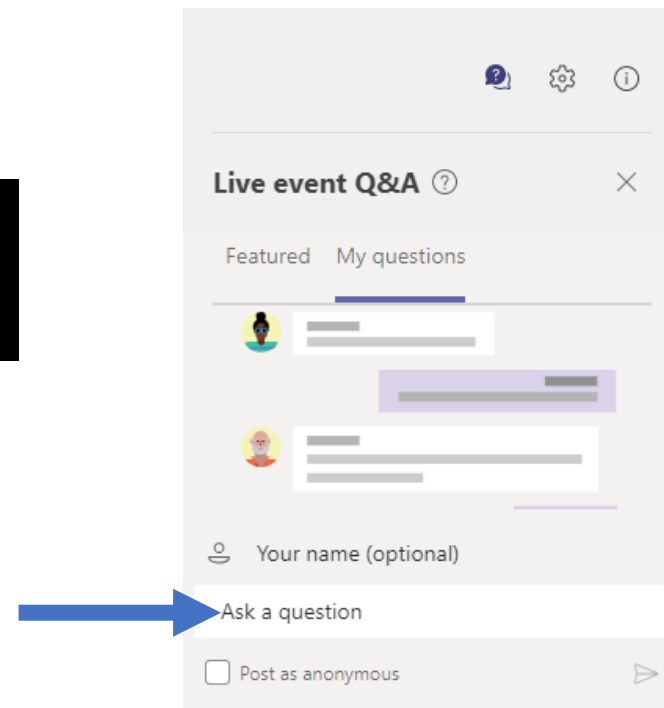
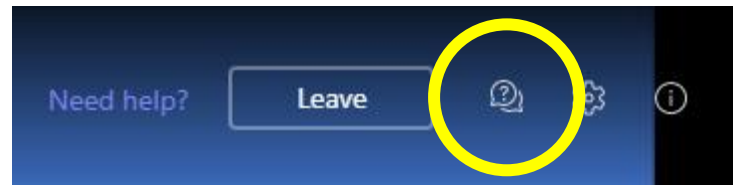


# PHASE 3 DETOUR



# QUESTIONS

Please use **Meeting chat** at the top of the Microsoft Teams window to type & post your question.



# Project Contact

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