

WELCOME TO THE ROCKY RUN PATHWAY FEASIBILITY STUDY PUBLIC WORKSHOP

A SHORT PRESENTATION
WILL BEGIN AT 4:30 PM, AND
BE REPEATED AT 5:30 PM

FEBRUARY 10, 2025



WILMAPCO



DelDOT

PURPOSE OF TONIGHT'S WORKSHOP

- Learn more about the feasibility study
- Review preliminary technical analyses
- Provide your input and feedback



FEASIBILITY STUDY OVERVIEW

- Examine the feasibility of creating a pedestrian/bicycle pathway under Concord Pike at Rocky Run
- Underpass at Rocky Run recommendation of the Concord Pike Master Plan
- Prioritized by Concord Pike Monitoring Committee (CPMC)



CONCORD PIKE (US 202) CORRIDOR MASTER PLAN

September 2020



FEASIBILITY STUDY OVERVIEW

- Considering the use of the existing culvert
 - Restricting water from a portion to allow pedestrian/bicycle travel
- A pathway connection at this location would expand the current trail network
 - Would better connect recreational areas, retail, restaurants, and neighborhoods
- Other options to the culvert in the vicinity are also being evaluated, including a bridge, new tunnel, and an at grade crossing at existing traffic signals



TECHNICAL ADVISORY COMMITTEE

A Technical Advisory Committee (TAC) had been established to:

- Review and provide comments on draft technical information and analyses
- Provide advice on consistency with state and federal guidelines and requirements
- Help with public outreach and communications

Members include representatives from:

- WILMAPCO
- DeIDOT
- DNREC
- New Castle County
- Woodlawn Trustees
- Brandywine Conservancy
- University of Delaware Water Resources Center
- Technical Consultant

STUDY CONSIDERATIONS

- Hydraulics and flooding impacts
- Adjacent Property Owners Coordination
- American Disabilities Act (ADA) Requirements
- Safety and Security
- Cost



TRAIL PLANNING

- The current culvert is 8 feet wide and 7 feet tall, which is not optimal for a pedestrian/bicycle pathway
- Proper width and height provides safety, comfort, and operability for trail users

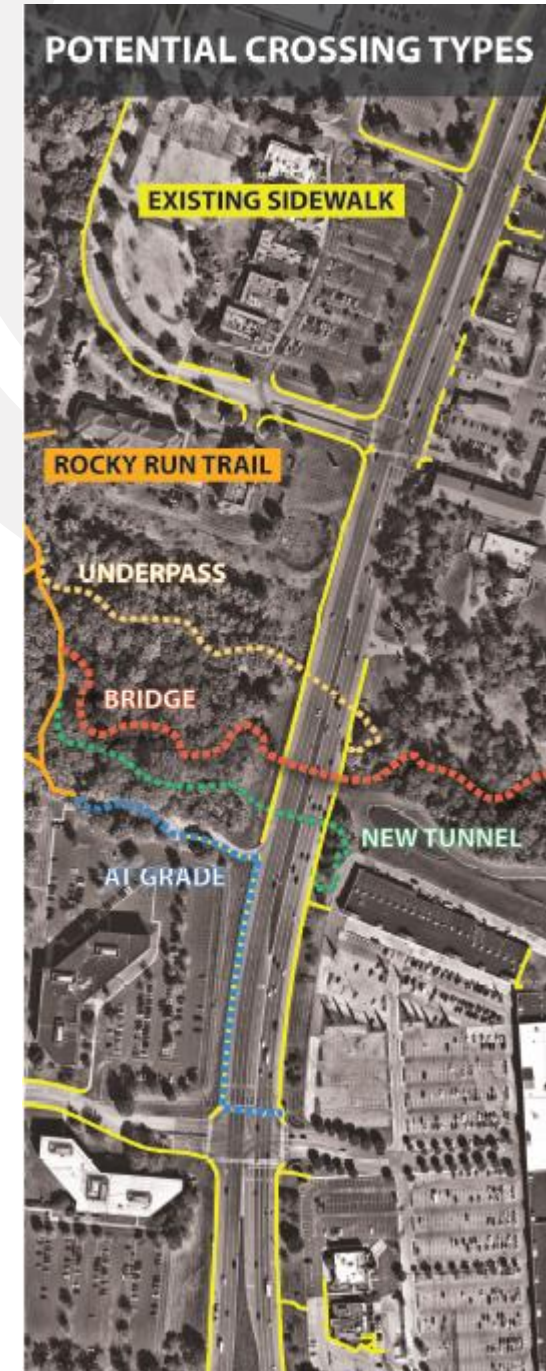


POTENTIAL CROSSING OPTIONS

Potential crossing options being considered include:

- Underpass
- New Tunnel
- At Grade
- Bridge

Your thoughts are encouraged! Provide your thoughts on potential crossing options using the post-it notes at the boards.



HYDRAULIC REQUIREMENTS

- Concord Pike is classified by DelDOT as a Principal Arterial Road and is a Hurricane Evacuation Route
- Per the DelDOT Design Manual, with both of these classifications, the Rocky Run Culvert must meet both the following hydraulic requirements:
 - **Principal Arterial:** 50-Year Headwater Elevation must be at least 1 foot lower than the low point along the edge of pavement
 - **Hurricane Evacuation Route:** 100-year Headwater Elevation can not overtop roadway or encroach on travel lanes

HYDRAULIC REQUIREMENTS

Design Criteria	Existing Conditions	Proposed Conditions
50-Year Headwater Elevation is at least 1 foot lower than the low point along the edge of pavement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
100-Year Headwater Elevation does not overtop roadway or encroach on travel lanes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- If one of the three existing culvert cells were to be entirely closed off for a bicycle/pedestrian pathway, the DelDOT design criteria would still be met

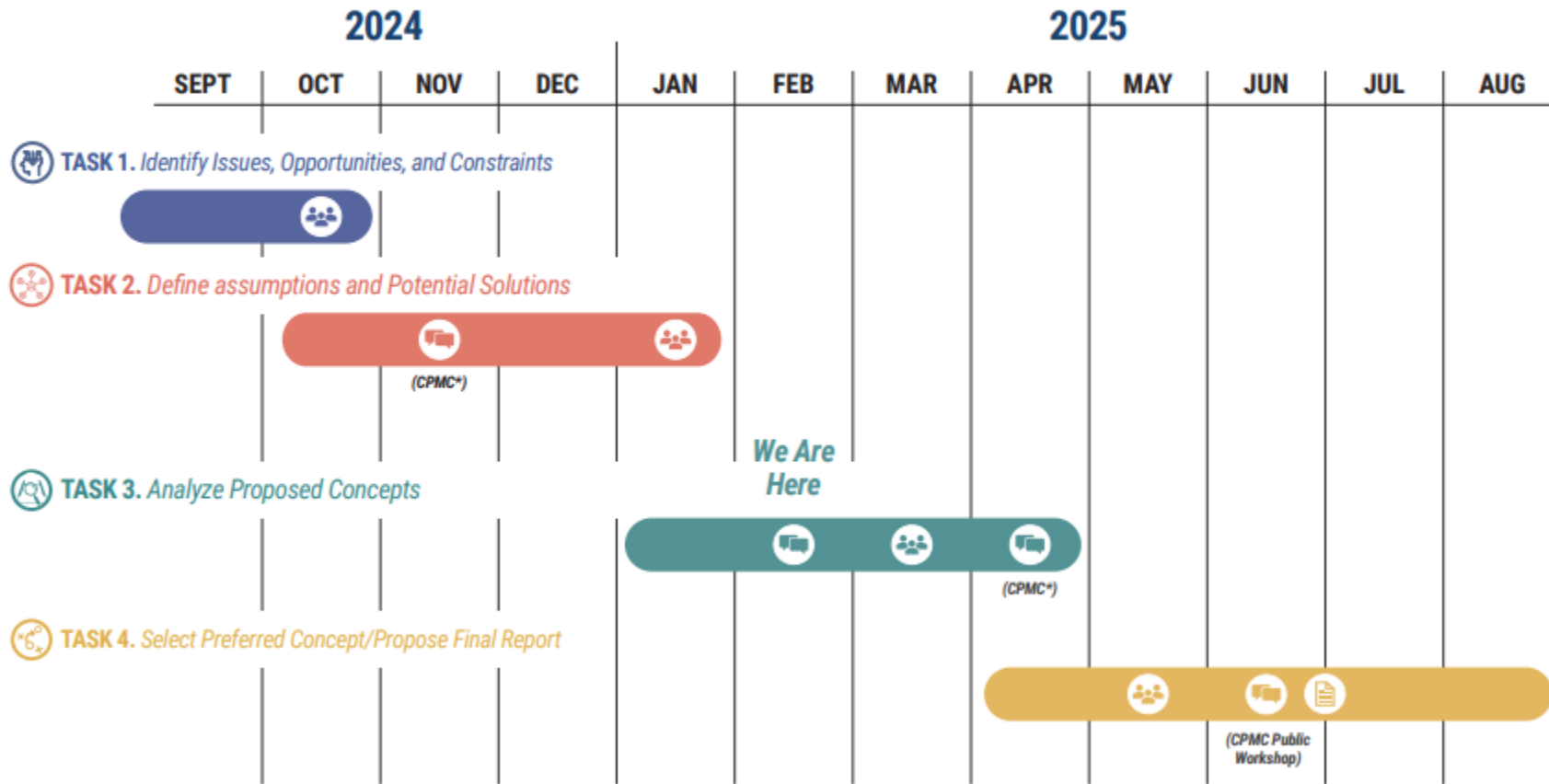
RAZORBACK GREENWAY – CITY OF FAYETTEVILLE, AR

- Repurposed one cell of a four-cell reinforced concrete box culvert
- This example has three major differences from Rocky Run:
 - Culvert cells are much larger (10'x10') than our structure at Concord Pike (8'x7')
 - Security/public safety was not a major design consideration
 - Culvert did not have any internal storm drain outfalls to consider



STUDY SCHEDULE

PROJECT SCHEDULE



KEY



Technical Advisory Committee Meeting



Public Meeting



Major Deliverable

*Concord Pike Monitoring Committee

WAYS TO COMMENT & STAY CONNECTED



Provide a written comment at tonight's public workshop



Submit a comment online by email to Dave Gula at dgula@wilmapco.org



Visit the study website at wilmapco.org/rockyrun



Sign up for project updates on the study website



Attend the next Concord Pike Monitoring Committee meeting in the Spring and final public workshop in June