

# Public-Private Transportation Partnership Board Meeting

June 12, 2024



**pennsylvania**  
DEPARTMENT OF TRANSPORTATION



# Agenda

- Call to Order
- Roll Call
- Adoption of 11.29.2023 Meeting Minutes
- Chair's Remarks
- New Business
- Project Updates
- Other Business
- Public Comments
- Adjournment







# Project Updates





# Unsolicited Proposals Update

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# Unsolicited Proposals Received (April 2024)

Project Name	Proposed By	Proposal Summary
Aviation Education and Workforce Collaborative	Aerium	The goal of the proposed project is to enhance aviation education and workforce development by collaborating with secondary institutions in Pennsylvania. The project objectives include: funding acquisition to develop comprehensive aviation programs in schools; curriculum development to assist schools in implementing relevant curricula to meet industry demands; resource provision offering training and supporting the establishment of dual enrollment and articulation agreements; and pathway development to transition students from education to industry. The project is proposing to leverage the state's resources, expertise, and support, while strategically addressing workforce needs, promoting economic growth, and fostering innovation within Pennsylvania's aviation industry.

# Unsolicited Proposals – Under Consideration

Project Name	Proposed By	P3 Action
PennDOT Solar Initiative	Solar Renewable Energy, LLC	Preparing Detailed Level Screening Report
District 4 Northern Tier Counties Bridge Replacements	CDR Maguire	Preparing Detailed Level Screening Report
I-76 Schuylkill Expressway Managed Lanes	CINTRA	Pre-screening / Candidacy
Aviation Education and Workforce Collaborative	Aerium	Pre-screening / Candidacy

# Unsolicited Proposals – On Hold

Project Name	Proposed By	Reason On Hold
PennDOT Truck Parking Expansion Program	Truck Specialized Parking Services, Inc.	Coordinating with Freight Working Group to identify Truck Parking strategies
I-83 South Bridge and Associated Improvements	S&B Construction / Trumbull Construction	Awaiting grant submission opportunities while proposal is under evaluation

# Unsolicited Proposals – Dismissed

Project Name	Proposed By	P3 Action
P3 Planning for V2X Digital Infrastructure	Sonamore Inc, DBA – P3 Mobility	Dismissed
Pop Up Metro: A Rapidly Deployable Zero-Emission Rail Transit Initiative	Pop Up Metro, LLC	Dismissed

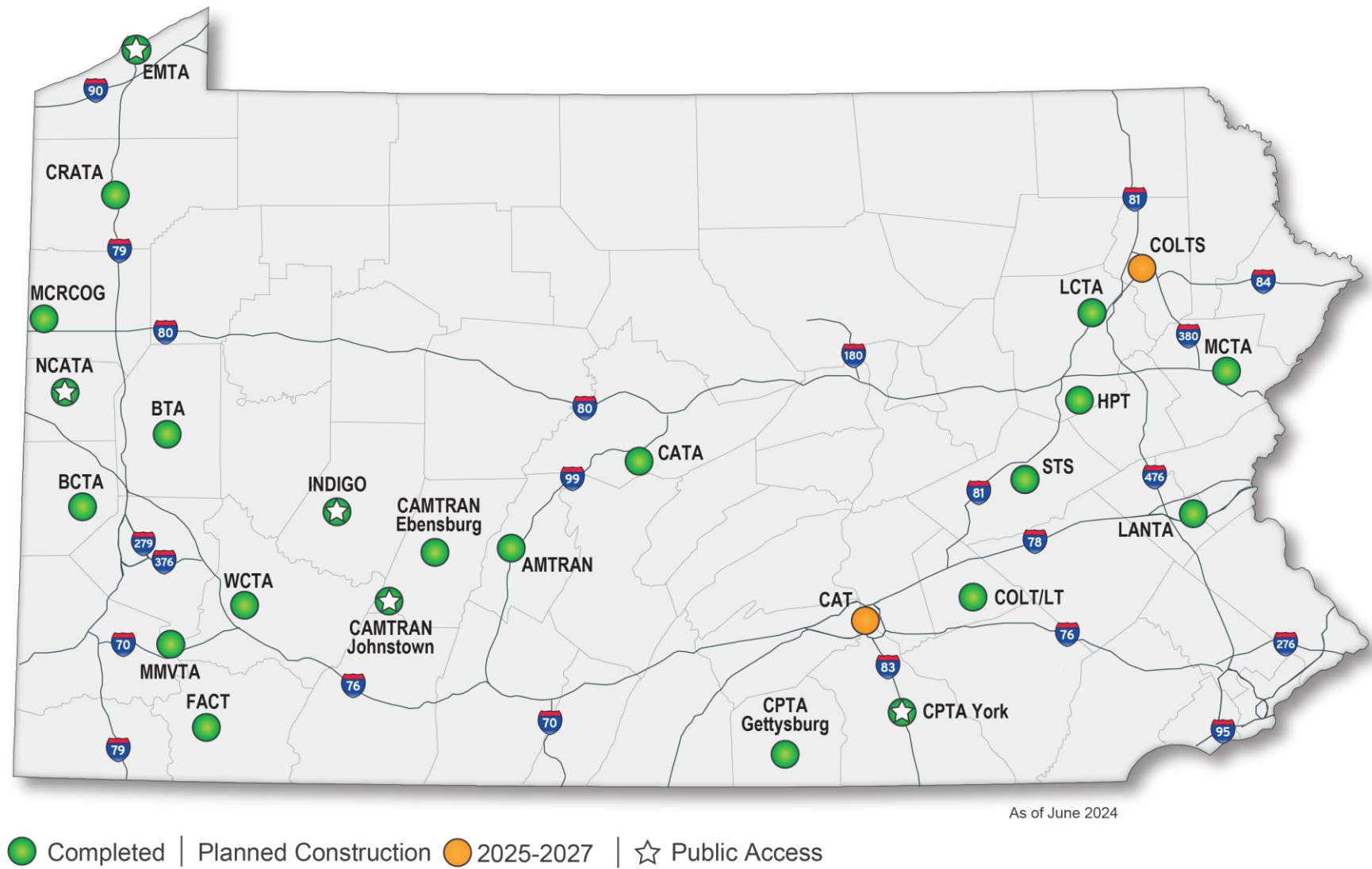




# Compressed Natural Gas (CNG) Fueling Stations

# CNG Fueling Stations for Public Transit Agencies

## Compressed Natural Gas (CNG) Transit Fueling Stations







# Major Bridge P3



# Project Overview

- ✓ Approved by the P3 Board in November 2020 to replacement or rehabilitate major interstate bridges
- ✓ In August 2022, PennDOT chose to move the bridge projects in the MBP3 forward without tolling and pay for the project(s) using existing funds to make annual payments to the development entity over 35 years





# Pre-Development Agreement (PDA) Work

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- ✓ Partnership Agreement on Bridges to be Included in Package One
- ✓ Finalization of Preliminary Engineering
- ✓ Negotiation of Technical Provisions
- ✓ Finalization of P3 Project Agreement
- ✓ Development of Independent D & C Cost Model Report



# Bridging Pennsylvania Developers I (BPD-I)

## Equity Members

<b>Macquarie</b>	Leading international investor, developer, and advisor for infrastructure assets
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<b>Shikun &amp; Binui Concessions</b>	S&B's international investing and concessionaire arm
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## Lead Construction Contractor

<b>Shikun &amp; Binui USA Construction</b>	S&B's US subsidiary, a developer and builder of complex infrastructure projects specializing in PPP/P3 and DB
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<b>FCC Construcccion</b>	International engineering and construction company with 120 years of experience
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## Lead Engineering Firm

<b>Michael Baker International</b>	Leading national engineering consulting firm with over 80 years of experience
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## Exclusive Local Subcontractors

<b>Fay</b> ( <i>North Fork</i> )	Leading PA-based contractor specializing in bridges demolition and reconstruction
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<b>Wagman</b> ( <i>Lehigh River, Nescopeck</i> )	Leading PA-based contractor with major heavy civil, general contract and geotechnical operations
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<b>H&amp;K</b> ( <i>Susquehanna, Lenhartsville</i> )	Leading PA-based contractor for construction materials and full-service heavy civil works
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<b>Kokosing</b> ( <i>Canoe Creek</i> )	Leading PA-based contractor specialized in road and bridge construction
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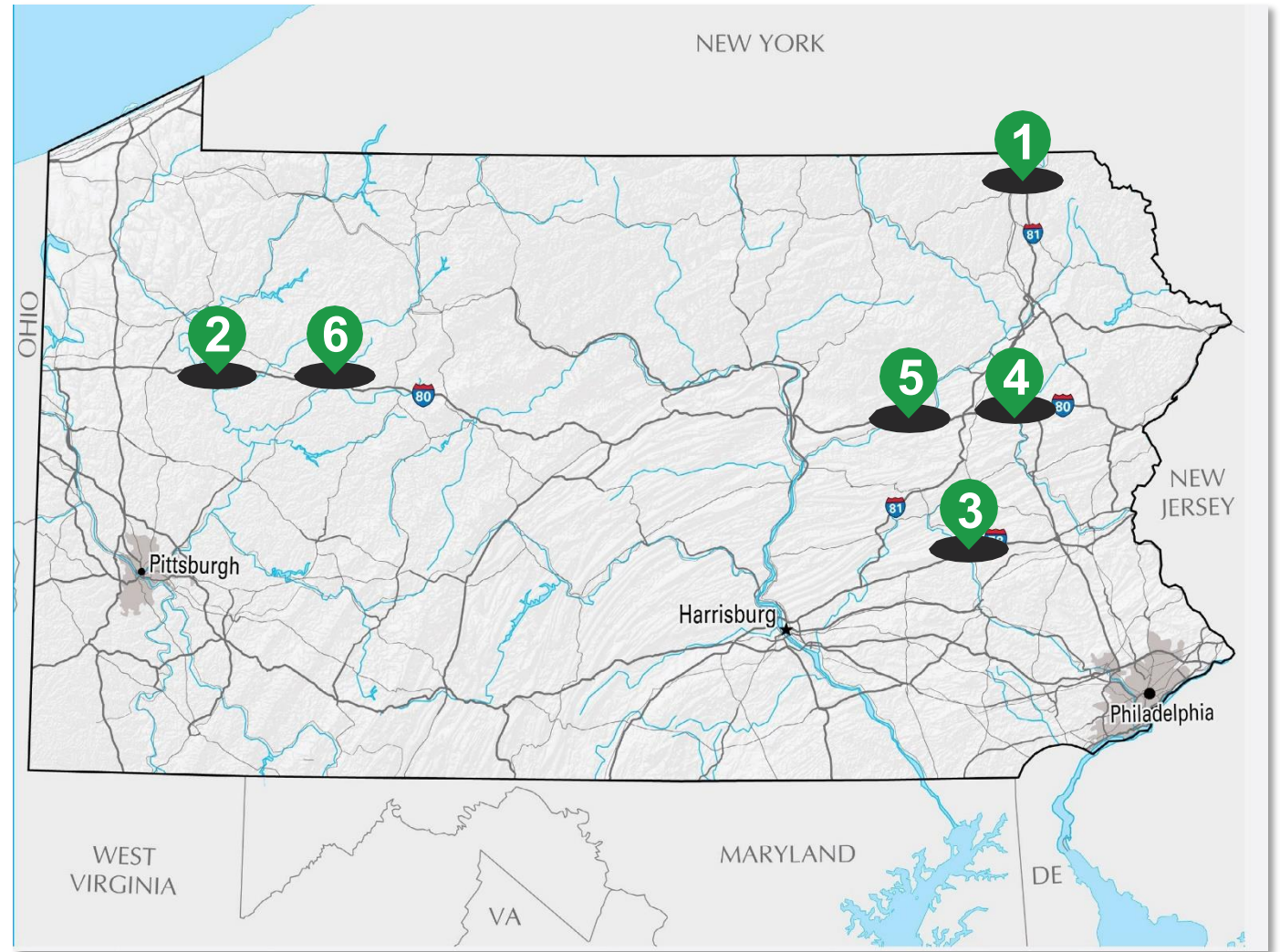
## Independent Quality Firm

<b>Volkert, Inc</b>	Quality assurance firm specializing in large-scale project management
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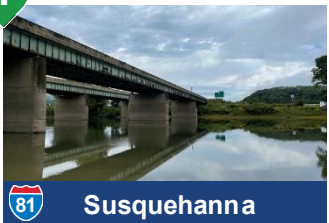


# Package One Bridges

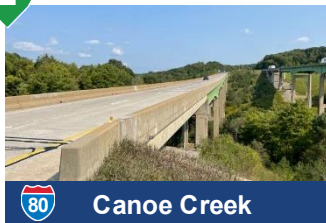
- ✓ Response to the RFP – DE proposal recommended 6 bridges; Department concurred
- ✓ More rural and geographically Located
- ✓ Environmental activities were further progressed
- ✓ Package provided strong bond investor interest



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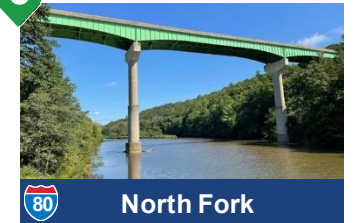
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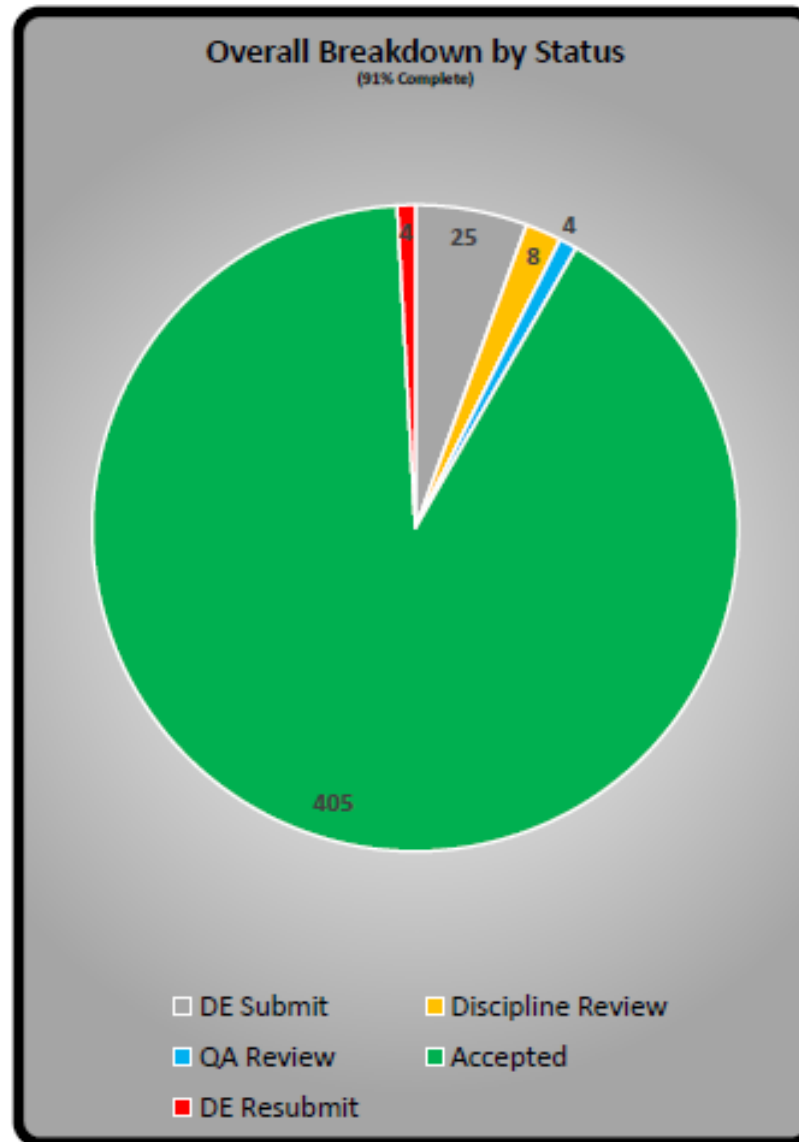
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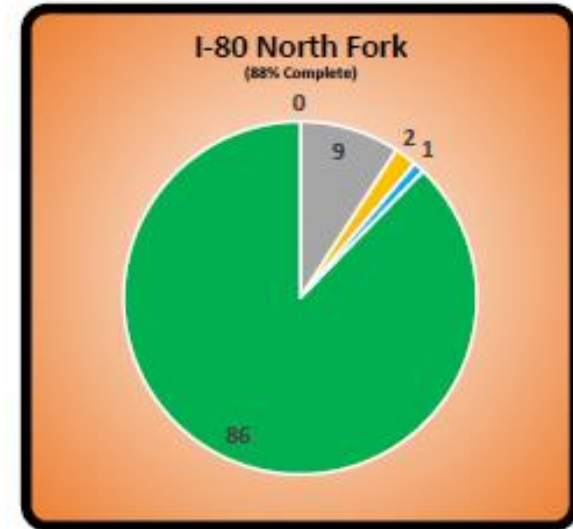
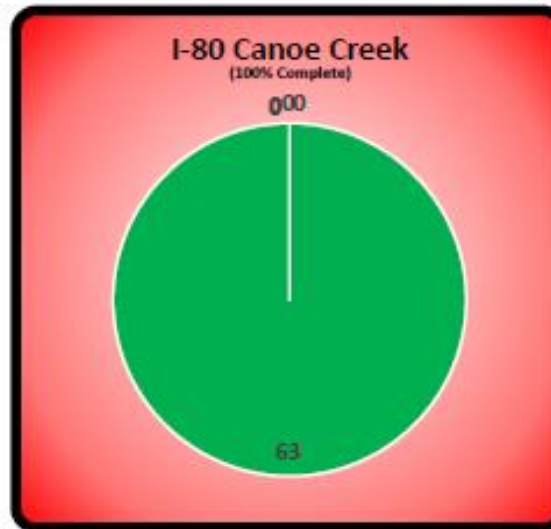
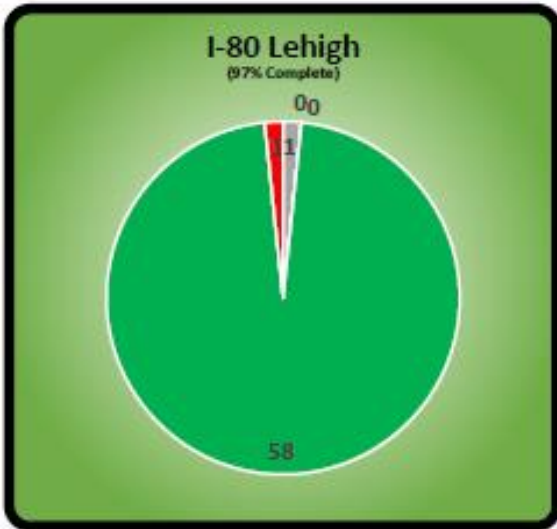
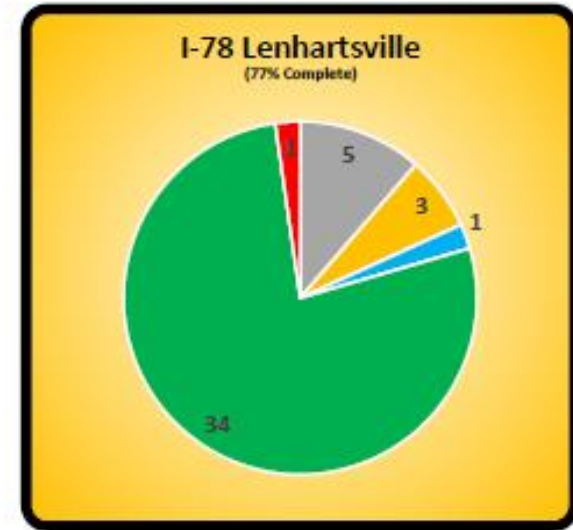
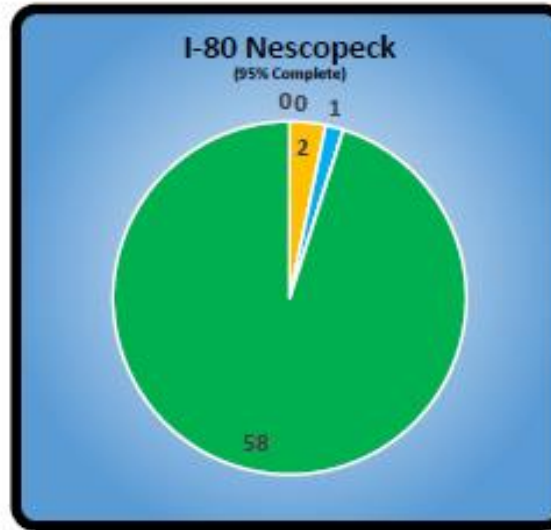
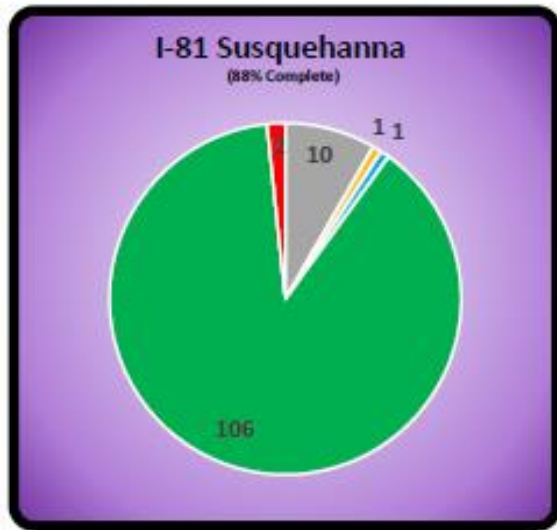


# Overall Final Design Status





# Final Design Status by Bridge



NOTE: Percentage complete is based on the anticipated submittals that were pre-loaded into e-Builder as part of the Submittal Packaging Plan.

# Construction Schedule

Bridge	Construction Start	Bridge Completion
I-81 Susquehanna	July 2023	Summer 2028
I-80 Canoe Creek	October 2023	Summer 2028
I-80 Nescopeck	April 2024	Fall 2027
I-80 Lehigh	<i>Anticipated Summer 2024</i>	Summer 2028
I-80 North Fork	<i>Anticipated Summer 2024</i>	Summer 2028
I-78 Lenhartsville	<i>Anticipated Summer 2024</i>	Summer 2028



# Package One Next Steps

- ✓ DE working to achieve Notice To Proceed 3 (NTP3) authorizing full construction to begin
- ✓ Limited NTP3s have been issued for the Susquehanna, Canoe Creek and Nescopeck Projects, initiating DE maintenance responsibilities during the Construction Period
- ✓ Additional Limited NTP3s are anticipated as design progresses
- ✓ Full NTP3 is scheduled for September 2024, at which point design will be complete and all 6 Bridges will be under full construction







# Rapid Bridge Replacement (RBR) Project



# Project Summary

- ✓ Replaced 558 poor condition bridges more quickly
  - Standardization of design techniques and construction methods
- ✓ Transferred maintenance activities to private sector for a 25-year term
- ✓ Use of PA-based contractors and designers





# Project Status

- ✓ All bridges constructed and are currently in the 25-year Maintenance Period
- ✓ First bridge went into the Maintenance Period - September 2015
- ✓ Bridges will complete Maintenance Period in order of construction completion
- ✓ Last bridge to complete Maintenance Period will be in September 2044





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# Thank You

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**For more information on  
Public-Private Partnerships:**

**[www.penndot.pa.gov](http://www.penndot.pa.gov)**

**Next Board Meeting:**

**December 17, 2024  
1:00 P.M.**

