



Public-Private Transportation Partnerships Office

A REPORT FOR PENNSYLVANIA 2018-2019

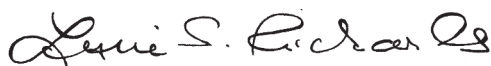
LETTER FROM THE SECRETARY

On behalf of the Pennsylvania Department of Transportation (PennDOT) and the Public-Private Transportation Partnerships Office (P3 Office), I am pleased to present the 2018-2019 activities report. Over the past year, we have continued developing innovative transportation projects that help to improve safety and the quality of life for the users of our transportation system.

This report includes project and department updates that highlight our accomplishments and demonstrate our ongoing activities which continue to create successful programs. The P3 Board met twice in 2018 and approved a project to bundle the replacement of 15 high traffic deteriorating bridges in District 4. The 15 bridges are located along a 25-mile section of I-81 and a 10-mile section of I-80 between the City of Hazleton and the City of Wilkes-Barre in Luzerne County.

The Rapid Bridge Replacement (RBR) project was over 95% complete by the end of 2018, with a total of 531 completed bridges. Modeling the RBR project, the Northampton County Bridge Program made significant progress over the past year with a total of 7 completed bridges. Our compressed natural gas (CNG) project has opened a total of 15 stations to date for use by transit agencies and private-sector fleets. We continue to make progress toward a partnership that will develop and maintain an environmental mitigation bank in Bucks County. And, through our Safety Service Patrol sponsorship, which aids stranded motorists, we have offset the cost required to maintain our commitment to enhancing safety on interstates and expressways.

The P3 Office continues to advance our transportation system with innovative projects and project delivery methods that create a more efficient and resilient transportation network. By continually developing new programs and initiatives we are also able to provide more local private sector opportunities, creating a stronger economy.



Leslie S. Richards
Secretary of Transportation



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Union of Operating Engineers Local 66

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Appointee of the Senate Majority Leader

P3 OFFICE TEAM

JAMES D. RITZMAN, P.E.
PennDOT Deputy Secretary for Planning

MICHAEL BONINI
Director

JOSEPH GURINKO, AICP
Deputy Director

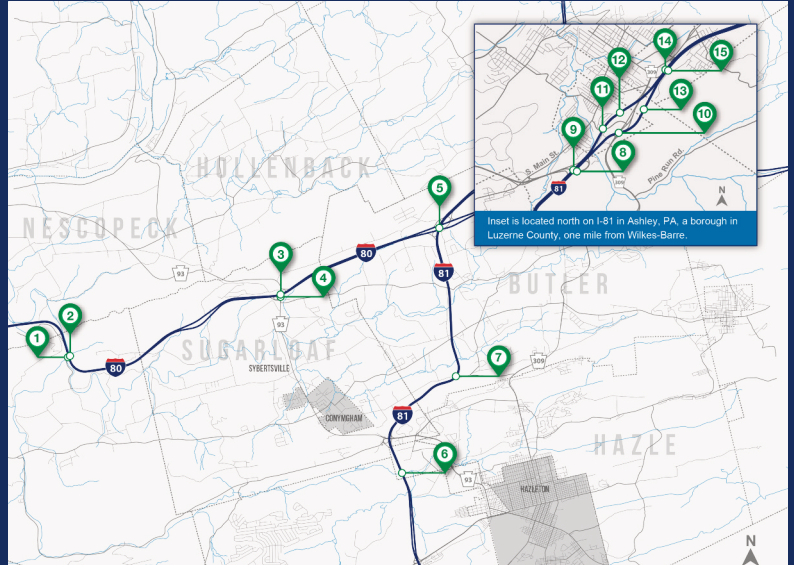
KATHRYN TARTAGLIA
Project Manager

DISTRICT 4-0 INTERSTATE BRIDGES

On November 29, 2018, the P3 Board approved the bundling of 15 interstate bridges as a public-private transportation partnership.

This project aims to ease the financial load on an already tight budget for the maintenance of these aging, deteriorating structures through the utilization of alternative, value-added delivery.

Because of this, the ability to reduce project cost while accelerating project delivery through innovative delivery methods is paramount.



MILESTONES

District 4-0 Interstate Bridges has completed the following tasks to date:

- ✓ Preliminary Design Contracts advertised in December 2018
- ✓ Preliminary Design Consultant identified and awarded

FUTURE TASKS:

- Notice to Proceed for Preliminary Design Activities expected Q3 2019
- Evaluate delivery method and scope components to maximize project value

RAPID BRIDGE REPLACEMENT (RBR) PROJECT

The RBR project is a globally recognized innovative delivery method for infrastructure management. In 2018, 143 bridges were replaced, and by the end of 2019, the project will have replaced 558 bridges. These new replacement bridges will then be maintained by our private partner, Plenary Walsh Keystone Partners (PWKP), for 25 years. The replaced bridges represent statewide rural regions that are now safe from facing bridge closures or postings, securing the communities' transportation network and vitality.



MILESTONES:

Rapid Bridge Replacement Project has completed the following tasks to date

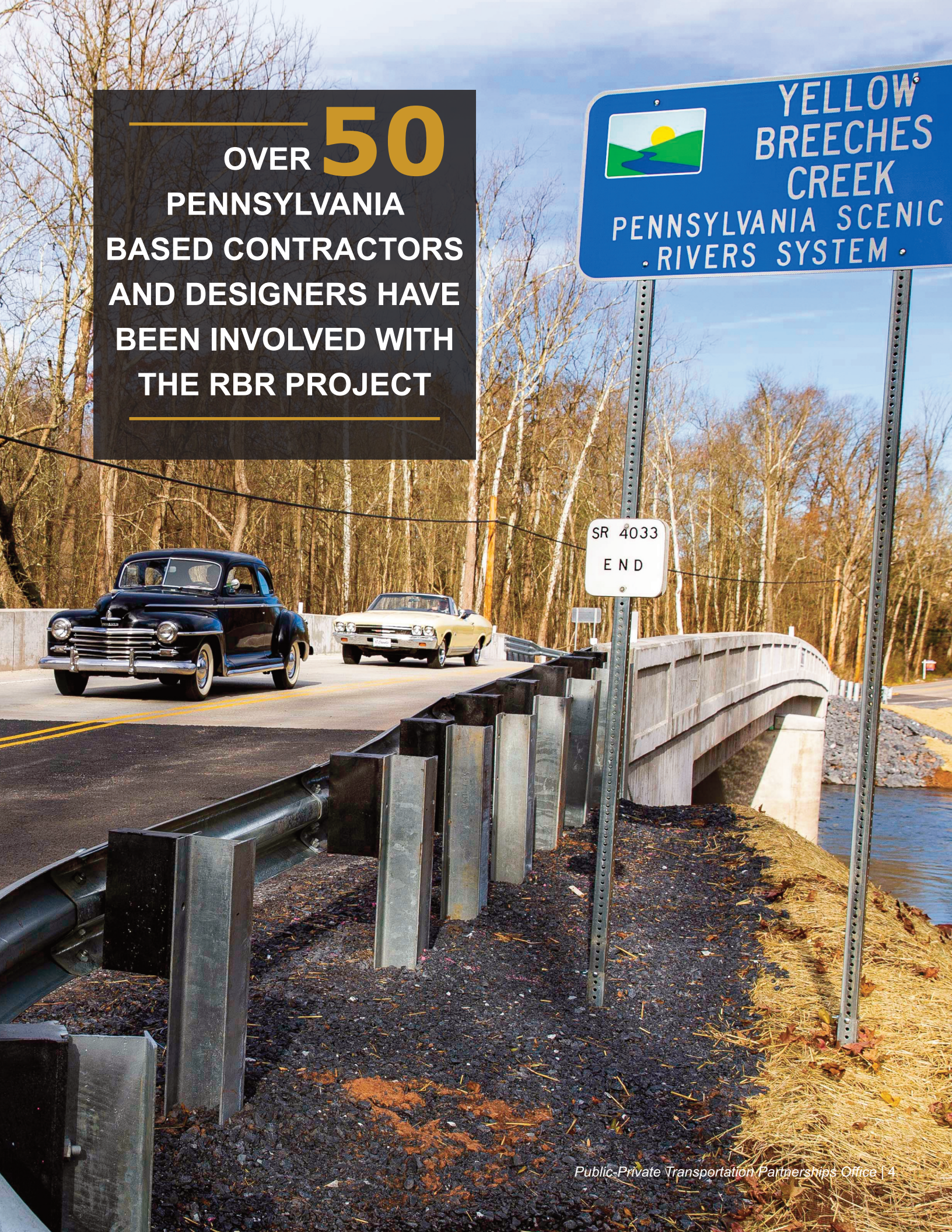
- ✓ Project is more than 97% complete
- ✓ 531 bridges constructed by the end of 2018
- ✓ Project will be completed in 2019
- ✓ Bridges replaced in each PennDOT District

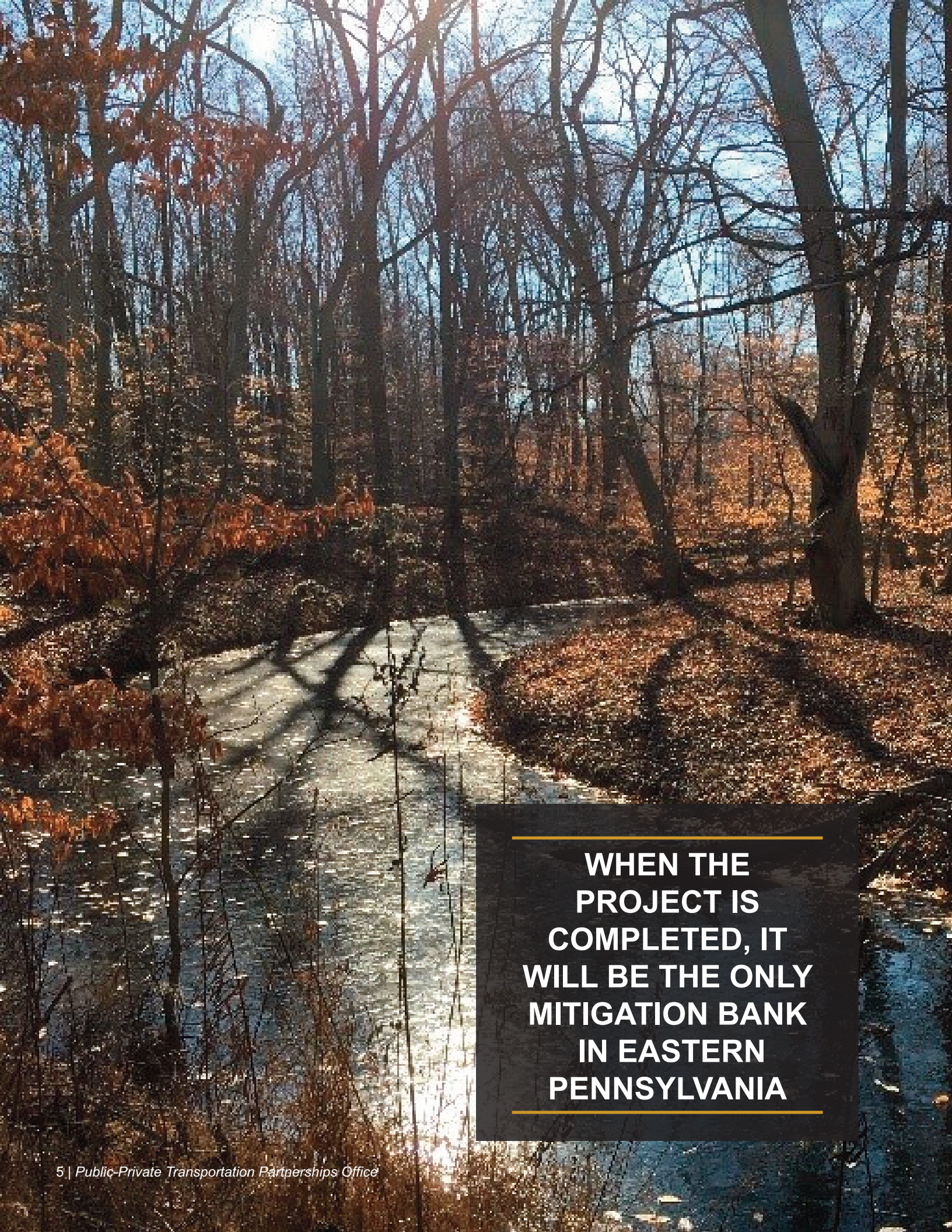


OVER **50**
PENNSYLVANIA
BASED CONTRACTORS
AND DESIGNERS HAVE
BEEN INVOLVED WITH
THE RBR PROJECT



SR 4033
END





**WHEN THE
PROJECT IS
COMPLETED, IT
WILL BE THE ONLY
MITIGATION BANK
IN EASTERN
PENNSYLVANIA**

CHALFONT MITIGATION BANKING

In 2017, the P3 Board approved the use of P3 procurement for a partner to design, establish and maintain 140 acres of mitigation credits on PennDOT-owned land in Chalfont Borough and New Britain Township, Bucks County. The project will provide on-demand mitigation credits for PennDOT projects to satisfy federal and state regulations and the bank will be maintained by the developing entity until the mitigation credits are exhausted. The property will then be entrusted to a long-term steward to maintain the site as a suitable habitat.



MILESTONES

Chalfont Mitigation Bank has completed the following tasks to date:

- ✓ Released a Request for Qualifications (RFQ) in November 2018
- ✓ Industry Forum held in December 2018
- ✓ Announced shortlisted teams in March 2019

FUTURE TASKS:

- Request for Proposals (RFP) to shortlisted teams expected in Q3 2019
- Anticipated commercial close by end of Q4 2019

COMPRESSED NATURAL GAS (CNG) FUELING STATIONS

CNG costs less and burns cleaner than conventional gas and diesel, allowing for cost savings and extended vehicle engine life. Trillium CNG, the development entity and partner, will supply gas to 29 transit facilities and more than 1,600 buses throughout the Commonwealth. Trillium will make CNG-related safety upgrades to existing transit maintenance facilities and will design, build, finance, operate and maintain the CNG fueling stations until 2037.



MILESTONES:

Compressed Natural Gas Fueling Stations has completed the following tasks to date:

- ✓ 15 stations are completed to date
- ✓ 4 of 6 public access stations currently open

FUTURE TASKS:

- 19 stations expected to be completed by the end of 2019
- Anticipated project completion in 2021

PROJECT WILL PAY FOR ITSELF THROUGH
A COMBINATION OF FUEL COST SAVINGS
AND ECONOMIES OF SCALE BY HAVING
ONE DESIGN/CONTRACTOR
TEAM BUILD THE
FUELING STATIONS

29

WHEN COMPARED TO THE
PRICE OF DIESEL FUEL,
PENNSYLVANIA TRANSIT
AGENCIES HAVE ALREADY
SAVED AN ESTIMATED

\$1.1 MILLION
THROUGH MARCH 2019



PENNDOT SAFETY SERVICE PATROL

This Sponsorship and Advertising Program was developed to offset operational costs incurred by PennDOT and the Pennsylvania Turnpike Commission (PTC) for providing free roadside assistance to motorists on PA's busy interstates and expressways. The partnership generates over \$425,000 in sponsorship revenue each year. The P3 Office is working with the Bureau of Office Services to issue a new Request for Proposals (RFP) for the project in 2019, after the current contract is completed.



MILESTONES

PennDOT Safety Service Patrol has completed the following tasks to date:

- ✓ Has generated over \$1.7 million in revenue since its inception
- ✓ The offset costs allowed for a new patrol to open in 2019 in Berks County



OVER **23,000**
MOTORISTS ASSISTED IN
2018

NORTHAMPTON COUNTY BRIDGE PROGRAM

The Northampton County Bridge Program was approved by the P3 Board in November 2015. The goal of the project is to finance, design, build and maintain 33 locally owned bridges. The \$37.5 million program, awarded to Kriger Construction, Inc., plans to replace 28 bridges and rehabilitate 5 other structures across the county in a four-year timeframe.



MILESTONES

Northampton County Bridge Program has completed the following tasks to date:

- ✓ 7 bridges completed by the end of 2018
- ✓ 11 bridges planned to be open by the end of 2019
- ✓ Design activities underway for all remaining bridges



UNSOLICITED PROPOSALS

In 2018, the P3 Office received the following Unsolicited Proposals for evaluation:

PROJECT NAME	PROPOSED BY	P3 ACTION
PennDOT Truck Parking Expansion Program	Truck Specialized Parking Services, Inc.	RFI Released / Under Consideration
Smithfield Gateway Improvements	Monroe County Industrial Development Authority	Under Consideration
Rapid Stormwater Rehabilitation	Abel Recon and Rettew Associates	Under Consideration
Commercial Truck Parking/ Private Truck Parking	JJGD LLC	Under Consideration
PennDOT Broadband P3	INSITE	Under Consideration
Enhanced Environmental Outcomes and Performance (EEOP) Value Capture	RL Record	Under Consideration
DGS CNG Vehicle Replacement and Infrastructure Program	Trillium CNG	Under Consideration
PTC Tunnel Rehabilitation Project	Kiewit Infrastructure Co.	RFI Released / Dismissed

MOVING FORWARD



REQUESTS FOR INFORMATION (RFI)

The P3 Office is always looking at ways to make the program better and to make more informed decisions. In an effort to assist this process, the P3 Office frequently publishes RFIs to gather information from industry experts.



FUTURE PROJECTS

The P3 Office accepts unsolicited proposals in the spring and fall each year in pursuit of new innovative opportunities.

P3 CAPITAL SCREENING PROCESS

The P3 Office completed the first round of its P3 Capital Screening Process outreach program. The purpose of this ongoing program is to encourage the District Offices and Planning Partners throughout the state to consider alternative delivery models when identifying and developing new projects.

Initial findings from the Capital Screening Process include the following common themes.

- Interstate Maintenance (Bridge and Road)
- Intersection Safety/Systematic Safety
- Bridges
- Signal Maintenance and Upgrade
- Truck Parking
- Roadway Lighting
- Keystone Train Stations (Construction and Maintenance)
- Broadband for Transportation Information Dissemination
- Transit-Oriented Development in Metropolitan Areas
- Rest Areas

NEXT STEPS

The P3 Office will evaluate input received during the first round of the Capital Screening Process. Project ideas will go through a P3 high-level review for both technical and financial feasibility. When an idea is found to have merit, the P3 Office will work with appropriate PennDOT staff and our technical and financial advisers to maximize the benefits of alternate delivery.



For More Information:
Public-Private Transportation Partnerships Office
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