



Public-Private Transportation Partnerships Office

A REPORT FOR PENNSYLVANIA 2017-2018



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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



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 2017-2018 activities report. Over the past year, we have made significant progress on projects that accelerate the delivery of major transportation projects, generate revenue for the Commonwealth and improve motorist safety.

In the pages ahead, you will find project updates that highlight our accomplishments over the past year. The P3 Board met twice in 2017 and approved a project to create a wetland mitigation bank to help the department fulfill environmental requirements on the eastern side of the Commonwealth. This P3 will likely spur similar wetlands banking projects across Pennsylvania, simultaneously protecting the environment and improving our transportation network.

The Rapid Bridge Replacement (RBR) project saw more than 200 bridges built in 2017, giving PA its lowest number of structurally deficient bridges in decades. Our compressed natural gas (CNG) project has opened 12 stations for use by transit agencies and private-sector fleets. We continue to make progress toward a partnership that will build a new Amtrak station in Middletown, while looking forward to additional transit-oriented development projects to support the Keystone Corridor. And, through our Safety Service Patrol, which aids stranded motorists, we maintain our commitment to enhancing safety on interstates and expressways.

Over the past year, the P3 Office has achieved great success advancing projects that invest in Pennsylvania's transportation system, and we look forward to teaming with the private sector to identify new opportunities to deliver a safe, efficient and resilient transportation network into the future.

A handwritten signature in black ink that reads "Leslie S. Richards". The signature is fluid and cursive.

Leslie S. Richards

Secretary of Transportation

AMTRAK STATION ENHANCEMENTS (Middletown Station)

3 OF AMTRAK'S
25 BUSIEST
STATIONS
IN 2017 WERE IN
PENNSYLVANIA
(HARRISBURG, LANCASTER,
PHILADELPHIA)

Source: <https://www.amtrak.com/about-amtrak/amtrak-facts/amtrak-national-facts.html>

MILESTONES

- In January 2017, PennDOT announced the Keystone Connections team as having qualified for the next phase of procurement
- Conducted 7 one-on-one meetings between the PennDOT project team and the Keystone Connections team in anticipation of the final Request for Proposals
- Met with officials from the Federal Transit Administration and Penn State University to promote the project and to coordinate improvement efforts

About the Amtrak Station Enhancement Project

Amtrak's Keystone Corridor between Harrisburg and Philadelphia remains one of the nation's busiest rail lines, with more than 1.5 million passengers annually. With ridership expected to continue growing, station improvements are needed at other locations along the line, including Middletown, PA, which receives more than 68,000 riders per year.

RAPID BRIDGE REPLACEMENT (RBR) PROJECT

96%

**OF BRIDGES BUILT
IN 2017 WERE
ON-TIME OR AHEAD
OF SCHEDULE**

About the RBR Project

The Rapid Bridge Replacement (RBR) project is the flagship project of the P3 Office. The first multi-asset, multi-location project in the US, the RBR project will replace 558 structurally deficient bridges across the Commonwealth. Significant progress was achieved in 2017 with the construction of more than 200 bridges, bringing Pennsylvania to its lowest number of structurally deficient bridges in 20 years.



MILESTONES

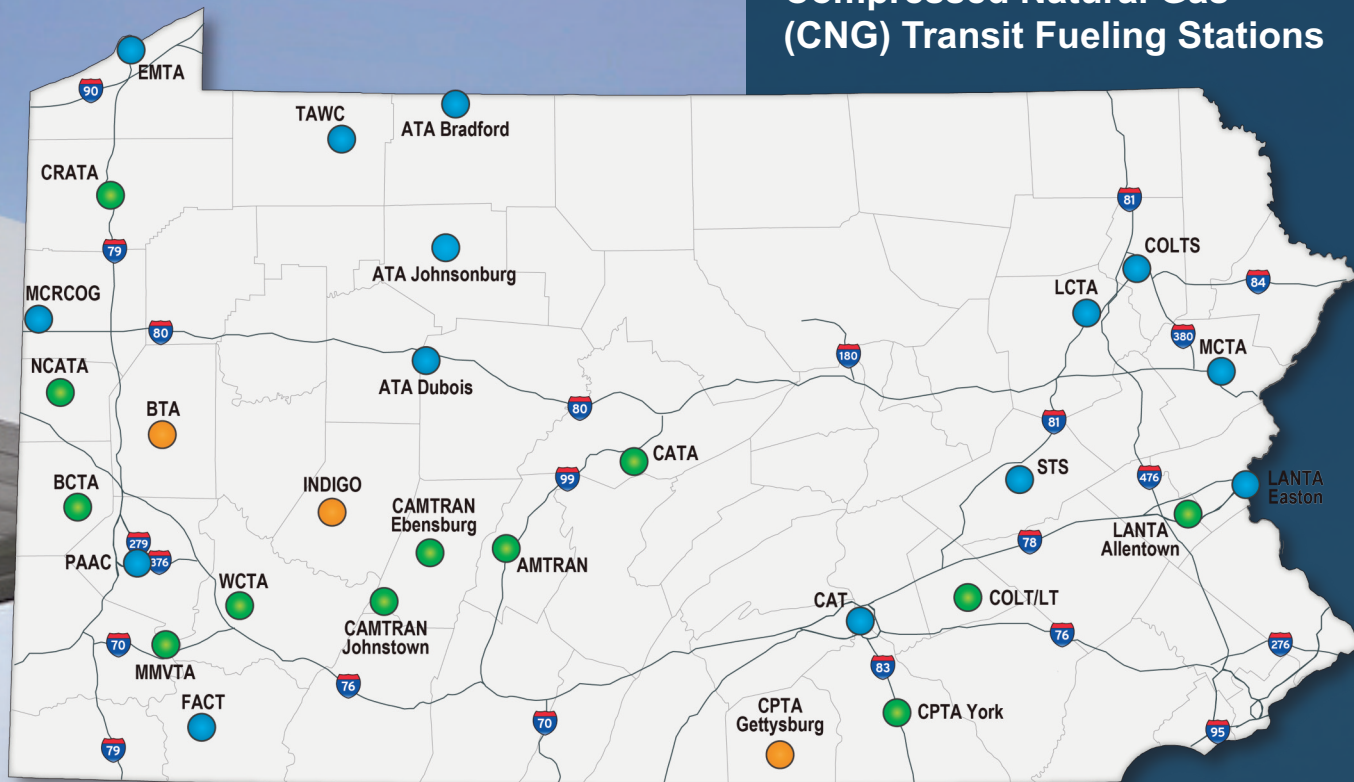
- 390 bridges built in 30 months
- 218 bridges built in 2017
- 16% fewer detour days used than permitted in 2017
- Bridges replaced in each PennDOT District

COMPRESSED NATURAL GAS (CNG) FUELING STATIONS

15

**CNG STATIONS
EXPECTED TO BE
COMPLETED BY
THE END OF 2018**

Compressed Natural Gas (CNG) Transit Fueling Stations



As of June 2018

- Planned Construction (2019-2021)
- 2018 Construction
- Completed

MILESTONES

- First CNG station (Johnstown, PA) opened in April 2017
- Stations opened in the following additional communities through June 2018:
 - Aliquippa
 - Lebanon
 - Allentown
 - Meadville
 - Altoona
 - New Castle
 - Donora
 - State College
 - Ebensburg
 - York
 - Greensburg
- 3 additional stations to be completed in 2018
- Anticipated project completion in 2021

About the CNG Project

The CNG project is an \$84 million public-private partnership whereby Trillium CNG will construct 29 fueling stations for transit authorities across the Commonwealth. The transition of transit authority buses from diesel to CNG fuel will reduce carbon emissions and offer over \$100 million in combined construction and fuel cost savings.

PENNDOT SAFETY SERVICE PATROL

**OVER
24,000**

**MOTORISTS ASSISTED
SINCE 2015**

About the Safety Service Patrol

PennDOT's Safety Service Patrol increases safety and reduces congestion by providing free roadside assistance to motorists on PA's busy interstates and expressways in four metropolitan areas:

Philadelphia, Pittsburgh, Harrisburg and Allentown.

The service is sponsored in partnership with State Farm and Travelers Marketing, generating over \$425,000 in sponsorship revenue each year, offsetting a portion of the operating expenses of the program.

MILESTONES

- In March 2016, Travelers Marketing agreed to extend the contract through March 2019
- Has generated over \$1 million in revenue since its inception

PENNDOT WETLANDS MITIGATION BANK

Bucks County, PA

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

MILESTONES

- Released a Request for Information (RFI) on February 21, 2018
- Received over 15 responses to the RFI
- Request for Qualifications (RFQ) planned to be advertised in Q2/3 2018
- Request for Proposals (RFP) to shortlisted teams expected by end of Q4 2018
- Anticipated commercial close by end of Q2 2019

About the Wetlands Mitigation Bank

In 2017, the P3 Board approved the use of P3 procurement for a partner to design, establish and maintain 140 acres of constructed wetlands on PennDOT-owned land in Chalfont Borough and New Britain Township, Bucks County. The project will satisfy wetland mitigation requirements for transportation project in the area, with additional credits available for sale to the private sector.

P3 Project Update

NORTHAMPTON COUNTY BRIDGE PROGRAM

About the Northampton County Bridge Program

Northampton County is utilizing a P3 project to replace and rehabilitate 33 locally owned bridges. Bundling local bridges is expected to reduce repair costs by up to 30% and exceed a traditional delivery schedule.

MILESTONES

- Bridge #157 completed and opened to traffic on October 30, 2017
- Topographic survey completed for 31 of 33 sites
- Coordination of utilities for all bridges completed
- Design activities underway for all remaining bridges

P3 Project Update

PENNSYLVANIA TURNPIKE COMMISSION (PTC) BROADBAND

About the PTC Broadband Program

A P3 project pursued by the Pennsylvania Turnpike Commission will address its future bandwidth needs via a fiber-optic broadband network. This approach will provide a cost-effective upgrade to an aging infrastructure, while creating a platform for connected vehicles and other future applications.

MILESTONES

- The PTC issued a Request for Qualifications (RFQ) in July 2017
- Statements of Qualifications were received from 6 teams on September 21, 2017
- 4 teams shortlisted for further pursuit of project
- One-on-one meetings held with each of the shortlisted teams in the development of the final Request for Proposals (RFP)

In 2017-2018, 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.	Under Consideration
Smithfield Gateway Improvements	Monroe County Industrial Development Authority	Under Consideration
PTC Tunnel Rehabilitation Project	Kiewit Infrastructure Co.	Under Consideration

P3 CAPITAL SCREENING PROCESS

In 2017, the P3 Office began a multi-year, three-phase approach to help identify the next generation of P3 projects for Pennsylvania. The “Plan. Promote. Perform.” activities were developed to ensure alignment between P3 Office initiatives, PennDOT goals, and transportation needs. The first two phases of the program are currently underway, with the Perform phase likely to begin in late 2018.

PLAN

EXECUTIVE VISIONING WORKSHOP - FALL 2017

The P3 Office hosted an Executive Visioning Workshop with Secretary Richards and other members of the executive staff. The meeting gave leaders the opportunity to share their visions of future P3 projects, to refine the mission of the P3 Office, as well as to arrive at consensus on the goals, appropriate uses and priorities for P3 in Pennsylvania.

ADVISORY WORKGROUP - FALL 2017

An Advisory Workgroup was created to gather information about needs of the communities where P3 projects could be pursued. This group offered an opportunity for stakeholders (Planning Partners, PennDOT Districts, Interstate Steering Committee, FHWA, PennDOT CPDM/Multimodal Deputate) to share their thoughts on the future of the P3 process.

PROMOTE

In early 2018, the P3 Office began conducting meetings in the PennDOT District Offices. During each meeting, representatives from Districts and planning partners discussed how P3 agreements can be used in both traditional and non-traditional ways to solve transportation challenges. The purpose is to encourage planners to think creatively about those challenges that are either not addressed in the (MPO/RPO's) Long Range Transportation Plan and/or draft Transportation Improvement Program, or those projects that could benefit from a P3 approach.

PENNSYLVANIA'S P3 LEADERSHIP

The success of the Pennsylvania's P3 projects continues to garner attention from the industry. Throughout 2017-2018, P3 Office staff frequently presented PennDOT's successes and achievements for a variety of national, statewide and local associations, including:

NATIONAL ORGANIZATIONS:

- Bipartisan Policy Center
- Build America Transportation Investment Center (BATIC) Institute
- Design-Build Institute of America
- Mid-Atlantic Association of State Transportation Officials
- National Governors Association
- Oracle Virtual Transportation Summit
- Transportation Research Board

STATE AND LOCAL ORGANIZATIONS:

- American Council of Engineering Companies
- Aviation Council of Pennsylvania
- County Commissioners Association of Pennsylvania
- TriState Infrastructure Council
- York County Planning Commission



For More Information:
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