

# TQI AWARDS 2021 WINNERS

## Congratulations to the 2021 TQI Award Recipients

Each year, members of our industry do incredible work that's worth recognizing. APC partners with PennDOT, the PA Turnpike Commission and ACEC/PA to recognize industry members who have gone above and beyond to advance diversity and inclusion, enhance communities and exhibit excellence in partnership.

The annual TQI Awards are typically held in State College every spring, but we were unable to gather in April due to COVID. So, this year's TQI Award recipients were honored during the 2021 Fall Seminar in Hershey. Congratulations to the following industry members and partners who accepted their 2021 TQI Awards.



## COMMUNITY CONNECTION & ENHANCEMENT AWARD

### Inwood Iron Bridge Project

#### Partners:

PennDOT District 8-0 and J.D. Eckman

Manufactured by the Pittsburgh Bridge Company in 1899, the Inwood Iron Bridge is a historic landmark structure of extremely rare design. The bridge allowed for passage across the Swatara Creek for over 100 years until the structure's closure in 2006 due to its deteriorated condition.

The decision was made to replace the truss with a new steel girder bridge and to rebuild the existing truss in a new park for the Swatara Rail-Trail, all while maintaining much of the historic structure.

A team effort involving PennDOT District 8-0, the Pennsylvania Historical and Museum Commission, the Historic Bridge Foundation, Lebanon County Planning Department, FHWA, numerous Park agencies and other organizations would provide new purpose for the Inwood Iron Bridge for the next century.



## COMMUNITY CONNECTION & ENHANCEMENT AWARD

### State Route 18, Section B59, 7th Avenue Betterment Project

#### Partners:

PennDOT District 11-0 and A. Liberoni

The project, located primarily in the City of Beaver Falls, Pennsylvania, has not only improved a deteriorated section of roadway, but has provided several significant enhancements to the business district and overall community.

This project included: the implementation of reverse angle parking; establishment of bicycle lanes; addition of new-signalized left turn lanes; construction of over 140 new ADA Act compliant curb ramps; and the construction of curb extensions, or "bump outs".

Through strong partnering and communication, the State Route 18, Section B59 project was able to achieve many positive outcomes that span well beyond the pavement. The improved roadway will serve as a backbone for the City of Beaver Falls and hopefully provide the groundwork for future growth and improvements in the community.



## PARTNERING AWARD

### PTC Southern Beltway Section 55A2 Project

#### Partners:

PA Turnpike Commission, Trumbull Corporation, AECOM, and CDR Maguire

Section 55A2 of PTC's Southern Beltway was a two-and-a-half year, 2.7-mile project located in Washington County approximately 11 miles south of Pittsburgh International Airport. It included four precast box culverts, one single span precast concrete arch bridge, one single span prestressed concrete bulb-tee bridge, dual single-span composite steel multi-girder bridges, dual eight-span composite steel multi-girder bridges, one full interchange, reconstruction of SR 980, SR 4037, and SR 4012.

From the onset of the project through COVID-19 impacts until final completion, both Trumbull Corporation and the Commission made a constant effort to partner on all issues which lead to a successful project.

The commitment to partnering shown by the team directly impacted the success of this project. The ability to communicate and overcome obstacles on the project at the field level resulted in a successful project for both entities. As a direct result of partnering, this \$116 Million-dollar high quality transportation project was delivered on budget and by the contract completion date.



## PARTNERING AWARD

### PTC Reconstruction of Milepost A31.34 – A37.39 Project

#### Partners:

PA Turnpike Commission, Hill International, and Richard E. Pierson Construction Company

Following the completed widening and reconstruction of the previous eleven miles from Milepost A20-A31, the Pennsylvania Turnpike Commission continued with the widening and reconstruction of the Northeast Extension with this seven-mile project between Milepost A31-A38 in Lower Salford, Franconia and Salford Townships in Montgomery County.

The project required staged construction for full depth roadway reconstruction and widening of the Pennsylvania Turnpike from two lanes in each direction to three lanes in each direction and replacement of four mainline bridges.

The achievement of substantial completion in 2020 would never have come to fruition without the commitment and determination of the Executive Partners, as well as the commendable level of effort from all field level personnel. The impact of the partnering efforts reach farther beyond the project, as the PTC is in a position to maintain their scheduled letting of new contracts along the Northeast Extension without undue delay.



## DIVERSITY & INCLUSION AWARD

### On-the-Job Training (OJT) Management System

PennDOT's Bureau of Equal Opportunity and Highway Administration

The PennDOT OJT Program is an equal opportunity program that enables minorities, women and the socially and economically disadvantaged populations to gain highway construction skills. The primary objective of the OJT Program is the training and upgrading of minorities and women toward journeyman status.

The Bureau of Equal Opportunity, or BEO, is responsible for the administration of the PennDOT OJT Program.

In 2019, PennDOT's Bureau of Equal Opportunity and Highway Administration began work on the OJT Management System to combine a paper and multiple system process into one, to create a more efficient program and process to be used by contractors. This will allow for more trainee positions to address workforce development concerns in the construction industry.

The OJT MS successfully went live on January 28, 2021 and in a short period of time, documentation has improved with less errors and returns and an increase in timeliness of submitting the program documents. An increase in the number of trainees in the program and training classifications is anticipated, due to this project of building a database for the program and an interface with ECMS.