

## Philadelphia Chapter of the Pennsylvania Society of Professional Engineers

### Outstanding Engineering Award Competition: 12/2/2021

#### Candidate Submittals:

[LANGAN: The Pavilion - Penn Medicine](#)

[ADCON Consultants: HVAC Replacement at Torresdale Filtered Water Pumping Station](#)

[PENNONI: Schuylkill River Trail- 58th Street Extension](#)

#### Judges:

- Chris Fell, Philadelphia Chapter,
- Daniel McGinnis, South Jersey Chapter
- Albert Federico, Delaware County Chapter,
- Ben Foster, Valley Forge Chapter

#### Judges' decision:

- OEA 2021 winner: ADCON Consultants
- Notable: LANGAN
- Honorable: PENNONI

#### Basis of selection:

All three projects were extremely competitive, and each had its own profile of scale and complexity. It was a challenge to distinguish amongst these excellent project submittals and all judges felt honored to weigh in on the merits of each offering. ADCON Consultants tackled a unique and difficult project in changing out HVAC systems that had been operation for over 70 years in a building that posed its own unique challenges. Retrofit projects are never straight forward and solutions often require quite a bit of creativity and innovation to allow the new to integrate with the old. ADCON rose to the challenge when other firms either declined or soon realized it was “beyond the norm”. The importance of executing the work without affecting the pump station operation required extensive planning and on-site coordination. The application of automation in the solution will allow for energy efficiencies to be realized and higher overall system reliability. The Torresdale plant has been a Philadelphia landmark and these upgrades will support the longevity of its operation critical to City water supply.

