

PTC Presenters

Gary L. Graham, P.E.

- Assistant Chief Engineer – Design since 2007
- Responsible for all highway design activities within the Commission’s 553-mile toll system
- Manages the Highway Program portion of the Commission’s Capital Plan and its yearly budget of approximately \$520 million
- Oversees a staff of 56 engineering personnel
- Bridge Engineering Manager – PA Turnpike 1996-2007
- Bridge Engineer, Senior Bridge Engineer, Assistant Bridge Engineering Manager – PA Turnpike, 1989-1996
- Civil Engineer I – Bridge Unit, 1988
- Structural Engineer – Gannett Fleming 1987
- B.S. Degree and M.S. Degree in Engineering from Penn State

Michael D. Shaak, P.E.

- Assistant Chief Engineer- Construction (PA Turnpike Commission) from 2013 to present.
- Responsible for all Highway Capital and Independently Funded construction operations on the PA Turnpike.
- Oversees a staff of approx. 90 engineering personnel
- Roadway Engineering Manager (PA Turnpike Commission) from 1997 - 2013 and was responsible for roadway condition assessments, programming and design of all roadway rehabilitation projects to ensure a good ride quality is maintained on the Turnpike’s 553 miles of roadway as well as maintaining the condition of pavement shoulders and appurtenances.
- Civil Engineer Trainee, Civil Engineer, Asst. Plans Engineer, Engineer 4 (Roadway Unit, Engineering Department of PA Turnpike Commission) from 1987 – 1997
- Structural Engineer with Light-Heigel and Associates of Palmyra, PA from 1986 – 1987
- B.S. Degree in Civil Engineering, Bucknell University - 1986

John D. Christensen, CFM, REP

- Director of Facilities and Energy Management Operation since January 2010
- Oversees the Turnpike’s physical facilities including the development and management of the Capital Plan
- Responsible for maintenance of the physical facilities and new construction/renovation projects system-wide
- Manages the energy projects such as Guaranteed Energy Savings Act (GESA) projects, curtailment service (load shedding), wind and solar generation opportunities, electric vehicle charging stations, energy auctions, and natural gas fueling stations
- Oversees a staff of 110 Facilities personnel
- Division Chief at the PA Department of Transportation, Facilities Management Division for 6 years
- Certified Facility Manager (CFM) designation from the International Facility Management Association (IFMA)

- He is a Renewable Energy Professional (REP) designation from the Association of Energy Engineers (AEE)
- Served as a member of the Board of Directors for the PA Facility Managers Association (PFMA) and served as the President in 2014
- 25+ years of facility management experience that includes all the core competencies of the profession

Neil T. Raup, P.E.

- Total Reconstruction Program Manager – since 2010
- Manages the Total Reconstruction Category of Highway Program portion of the Commission's Capital Plan and its yearly budget of approximately \$200 million
- Oversees a staff of 10 engineering personnel
- Oversees the Commission's Right of Way/Survey and Utility departments
- Interchange/Toll Plaza Design Coordinator – PA Turnpike 2004-2010
- Senior Engineer Project Manager, Engineer 4, Design Liaison Engineer 2, and Design Liaison Engineer, – PA Turnpike, 1987-2004
- Civil Engineer Trainee Utility Unit, – PA Turnpike, 1986 - 1987
- Construction Project Inspector – MONALOH Basin Engineers 1985 - 1986
- B.S. Degree in Structural Engineering Design and Construction Technology from Penn State
- Associate Degree in Architectural Engineering Technology from Penn State

Don L. Steele, P.E.

- Special Projects Engineering Manager – PA Turnpike since 2017
- Roadway Engineering Manager – PA Turnpike 2014-2017
- Sr. Engineer Project Manager – PA Turnpike 2005-2014
- City Traffic Engineer – City of Allentown, PA 2000-2005
- Sr. Project Manager – McTish, Kunkel & Assoc. 1993-2000
- B.S. Degree in Civil Engineering from Lehigh University

Bradley J. Heigel, P.E.

Bradley J. Heigel, P.E. is a graduate of Penn State University. He was employed by the PA Turnpike Commission from 1990 to 2010 and during that time he served in the Traffic Unit, as a Project Manager, Unit Lead for Right-of-Way and Utilities and as the Total Reconstruction Program Manager. From 2010 to 2012, he was employed as a Vice President with Michael Baker, Jr., Inc. and served as their Harrisburg Office manager. In April 2012, Brad returned to the PA Turnpike Commission as their Chief Engineer. He currently serves on the Board of Directors for Harrisburg ASHE and was selected as Central PA Engineer's Week 2017 Engineer of the Year.