

WHO WE ARE, WHAT WE DO

**REWARDING CAREERS IN TRANSPORTATION
CONSTRUCTION – WE GET THE JOB DONE!**

The men and women of the Pennsylvania transportation construction industry make contributions to the social and economic environment, and mobility of our state every day. There are many levels of skill, trade, and education that come together in both private and public sectors. The following will introduce a handful of these individuals and describe the role they serve in building and maintaining the Pennsylvania transportation system.



QUALITY CONTROL MANAGER

*Submitted by Traffic Planning and Design Inc.
www.TrafficPD.com*



Andrew Stasek

The traditional role of an engineer is to provide design services with the priorities of enhancing safety for the traveling public as well as improving the efficiency of the transportation system. Improvements in the quality of Traffic Planning and Design Inc.'s (TPD) designs, cost-efficiency, and

schedule compression are largely the result of the field experience, vast knowledge, and skilled mentorship provided by Andrew Stasek, P.L.S., NICET IV, TPD's quality control manager for Design Services.

Stasek possesses nearly 50 years of experience in the transportation industry, including more than 40 years with PennDOT, and he maintains certification by PennDOT as a Transportation Construction Manager-4 (TCM-4). He was among the first DOT staff in the state to become a federally certified bridge safety inspector.

At TPD, Stasek draws upon his vast experience and knowledge to ensure the constructability of engineering designs. In this capacity, he assists with complex design and construction issues regardless of the specific transportation discipline (i.e. Structures, Highway, Construction Services, etc.) ensuring that TPD develops designs that not only meet all applicable industry standards, but are also readily

constructible. Additionally, Stasek attends scoping meetings and field views in order to identify potential design issues during construction before the work begins, often resulting in considerable savings of time and money and avoidance of change orders. He is also ECMS and CDS/NextGen certified and assists with project scheduling, coordination meetings, legal and contract issues, and construction management. As such, Stasek plays key roles in the continuous improvement of TPD's systematic approach toward design processes and construction management. As the design/build method of project delivery becomes more prevalent, Stasek's construction experience and sound judgment are critical to project success. He has been actively involved in TPD's design/build projects and internal processes through hands-on participation ranging from strategic teaming arrangements to design development and plan reviews on Pennsylvania-based projects.

Stasek has conducted training for PennDOT and the PA Turnpike (including being a committee member for the development of PennDOT's original statewide CPM training program in 1992), has taught courses at community colleges, and has conducted internal TPD field trips and seminars as part of the organization's formally developed training program, "TPD University." Stasek also notes that like anything else in life he is still learning every day as it relates to technology advancements, as well as a focus on making environmentally sound construction decisions.