

News & Updates January 7, 2022 | Volume 52, Number 2

Upcoming Events

- [YMG Virtual Office Hours](#)
(1/25/22)
- [Central PA Engineer's Week Banquet](#) (2/24/22)

Link to [Section Event Calendar](#)



[President's Message](#)

ASCE needs volunteers like you!

If you are interested in joining the ASCE board, contact Joe Bracken III at centralpa.asce@gmail.com.

Annual ASCE Student Chapter Canned Food Drive Competition



Congratulate York College and Bucknell University for their efforts in the food drive. York College had a record breaking number of items. Learn how many by clicking [here](#).

CALL FOR 2022 PA INFRASTRUCTURE REPORT CARD VOLUNTEERS:

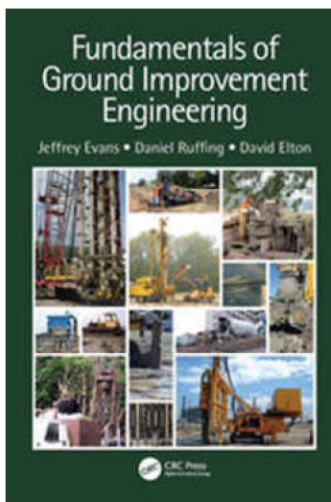
Category Volunteers are responsible for researching, grading and writing a Report Card category. This effort is 10 months long with an intended release date is [July 2022](#).

The report card categories that are still looking for volunteers are:

Dams	Drinking Water	Energy
Hazardous Waste	Inland Waterways	Levees
Parks	Ports	Rail
Solid Waste	Transit	Wastewater

For more information and to volunteer, please email our co-chairs David DiGioia at ddigioia@mcmahonassociates.com and Michelle Madzellan at memadzellan@elagroup.com.

New Book By Section Members



ASCE Central Pennsylvania Chapter members Jeff Evans and Dave Elton and ASCE Pittsburgh Chapter member Dan Ruffing have recently published a geotechnical textbook, *Fundamentals of Ground Improvement Engineering*. The 430 page book is available from Taylor & Francis, London. This new book addresses the latest techniques for ground improvement, covering theory, design principles, and construction approaches. Major topics are compaction, permeation grouting, vibratory methods, soil mixing, stabilization and solidification, cutoff walls, dewatering, consolidation, geosynthetics, jet grouting, ground freezing, compaction grouting, and earth retention. There is a novel section on use of explosives in geotechnical engineering.

Fundamentals of Ground Improvement Engineering includes example problems, homework problems and a comprehensive index, making it ideal for undergraduate and graduate-level university students, and continuing education.

Dr. Jeffrey Evans is a professor emeritus from Bucknell University. Daniel Ruffing is a Vice President of Geo-Solutions, Inc. of New Kensington, Pennsylvania. Dr. David Elton is a professor emeritus from Auburn University. Their expertise in ground improvement makes the book interesting, relevant, and useful.

<https://www.taylorfrancis.com/books/mono/10.1201/9780367816995/fundamentals-ground-improvement-engineering-jeffrey-evans-daniel-ruffing-david-elton>



Save the Date

The Central Pennsylvania Engineers Week Banquet, Celebrating National Engineers Week locally, will be held on:
Thursday, February 24, 2022.

The Banquet will be held at the
West Shore Country Club, Camp Hill, Pennsylvania.

More information regarding the event and this year's Speaker will be sent out closer to the Banquet date and time.

We encourage you to see our website for the most current and up-to-date information at www.cpewc.com.

Annual Joint Society Picnic and Casino Night Held In August



With the exception of 2020, ASCE Central PA Section joins the American Society of Highway Engineers (ASHE) Harrisburg and Women in Transportation Seminar (WTS) Central PA each August for a night of picnicking and gambling (for fun of course). This year the picnic was held on Friday,

August 20th and nearly 100 members and guests were in attendance. The festivities included: a golf chipping competition, social and networking hour, 50/50 raffle with half of the proceeds benefitting each organization's scholarship funds, and crabs, clams, shrimp, hamburgers and hot dogs for supper. The night concluded with attendees playing casino games like black jack, poker and craps, where play money was won and traded-in for tickets. The tickets were in-turn used for a chance to win prizes like a Fitbit, a Roomba Vacuum, and food and spa packages just to name a few. The three organizations are planning to again hold the joint picnic next August. Hope to see you there!

Job Postings

[Click link to see more details at the website](#)

ELA Group, Inc

- Traffic/Transportation Project Manager
- Traffic/Transportation Engineer

Gannett Fleming

- Senior Highway Engineer, Transportation
- Geotechnical Project Engineer, Geotechnical
- Water Resources Engineer, Water Resources
- Civil Engineer, Environmental Services
- Entry Level Water Engineer, Water / Wastewater
- Transportation - Project Manager, Transportation
- Water Engineering Intern, Water / Wastewater
- State Traffic Management Center (STMC) Operator, Intelligent Transportation Systems (ITS)
- Highway Project Manager, Transportation
- Civil Engineer, Environmental Services
- Principal Consultant - Business Advisory and Infrastructure Management, Transportation
- Senior Security Consultant, Facilities
- Senior Highway Engineer, Transportation
- Geotechnical Project Engineer, Geotechnical
- Project Manager – Highway, Transportation
- Senior Geotechnical Engineer, Geotechnical

- Electrical Engineer, Transit & Rail
- Traction Power Engineer, Transit & Rail
- Geological Engineer, Geotechnical
- Entry Level Water Engineer, Water / Wastewater
- Civil Engineer - Water/Wastewater, Water / Wastewater

Modjeski and Masters, Inc

- Entry Level and Experienced Bridge Design Engineer
- Entry Level and Experienced Inspectors
- Entry Level Highway Engineer
- CAD Technician

Susquehanna Civil Inc

- Stormwater Engineer
- Right-of-Way Designer

Traffic Planning & Design, Inc. (TPD)

- Transportation Planning Specialist/Engineer
- Transportation Construction Field Inspectors/Supervisors/Managers
- Traffic/ITS Engineer
- Structural Designer
- Municipal Traffic Engineer
- Highway Design Specialist
- Highway or Bridge Design Project Manager
- Highway Design Project Manager
- Highway Design Engineer

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