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President’s Message

Happy Holidays! It’s hard to believe that 2019 is coming fast. The Section has had a busy 2018 with a tremendous number of exciting events planned for the new year.



The past President’s luncheon was held on December 5th. The luncheon gives us an opportunity to recognize and thank those who have served before us. I would like to thank Chris Smith who has arranged the luncheon for several years. The family Christmas party was held on December 12th. We received positive feedback from those attending. The gathering provides an enjoyable time spent with family and friends, including a coloring contest for the children and a visit from Santa. Many thanks to Andy Ottinger for making all the dinner arrangements and to Joe and Michelle Eberly for conducting the coloring competition.

The following dinner meetings have been scheduled:

- February 13th – Mr. Thomas Lawson, P.E., P.L.S., Borton-Lawson, will present on the Bloomsburg Levee Project
- March 13th, Dr. Robert Connor, T.R. Higgins Lectureship Award Winner
- April 10th – Geotechnical Topic to be Determined

All four Pennsylvania sections unveiled the 2018 Report Card for Pennsylvania’s Infrastructure on November 13th. The overall GPA of “C-” indicates our infrastructure is mediocre. The report card release is just the beginning. We now need to promote the report card by educating the public and our elected officials. You may wonder what you can do, and the answer is Get Involved!

1. Use your zip code to find your Elected Officials. <https://www.legis.state.pa.us/cfdocs/legis/home/findyourlegislator/>
2. Check the PA Legislative tracker to find legislation you care about. <https://www.legis.state.pa.us/cfdocs/legis/home/bills/>
3. Email your Elected Officials and let them know you care about Pennsylvania’s infrastructure
- 4.If you are on social media, such as LinkedIn, Facebook or Twitter, show your support by using our hashtag #ASCEPAReportCard

The report may be read in full at www.pareportcard.org.

I hope to see you at upcoming Section events!
 Sincerely,

Kerry E. Henneberger, P. E., M. ASCE
 2018-2019 Central PA Section President
khenneberger@larsondesigngroup.com

**WELCOME
NEW PROFESSIONALS:**

Ulises Garcia Izaguirre
Eric Klepadlo, E.I.T.
Gregory Armburst
Mark Reider
Peter Digiovanni

WELCOME NEW STUDENTS:

Mason Hart
Christian Trummer
Erin Anderson
Harley Lorson
Sara Freid
Zachariah Abbas
Daniel Lindrooth
Jake Knepper
Austin Denlinger
Caleb Ruth
Dylon Pragar
Tanner Raupach
Prabin Bhattarai
Nathan Myers
Calista Ulmer
Samuel Geiser
Dylan Jumper
Mathew Miller

2018 National Convention

Submitted by: Michelle Madzelan, P.E., Director of Member Services



Last month, two Central PA Section Board members (Kerry Henneberger and Michelle Madzelan) attended the ASCE National Convention in Denver, Colorado. This was a 2.5 day learning opportunity that

covered the newest technology in the industry to lessons learned from great historical engineering marvels. It included valuable networking time with other ASCE members from around the world, ranging from bright and energetic students to seasoned professionals.

A convention highlight was hearing from Dirk Ahlborn, the CEO of HyperloopTT, who discussed the future of transportation. He explained the transportation project will be a passenger capsule that will transport up to 15 million people a year at a speed of 760 mph. The project actually uses crowdsourcing with research and development. What a magnificent futuristic project!

Annual Section Hershey Bears Game Outing



*Submitted By: Bill Kingston, PE, CFM,
Younger Member Group President*

On Saturday December 8th, the Central Pennsylvania Section's Younger Member Group (YMG) hosted its annual Section Hershey Bears Game Hockey Outing at the Giant Center in Hershey, PA. The Section/YMG provided discounted tickets to over 50 Section Members and their guests. The exciting game saw the Bears come out ahead, with a 6-3 win over the Hartford Wolf Pack. A fun night was had by all in attendance and the event was a big success! We hope you will attend next year's event!

Pennsylvania Sections Release 2018 Infrastructure Report Card

Submitted by: Kerry Henneberger, P.E., Section President

On November 14th, all four Pennsylvania Sections of ASCE (Pittsburgh, Central Pennsylvania, Philadelphia, and Lehigh Valley) unveiled the 2018 Report Card for Pennsylvania’s Infrastructure.

The Central PA Section event was held in the main rotunda at the State Capitol. While there were only a handful of members at the event, it was well represented by the media. Local media present at the release included CBS 21, Fox 43, News 8, and the Central Penn Business Journal.

Pennsylvania earned a cumulative GPA of “C-”, which is the same grade given four years ago. The report evaluated 18 categories: aviation, bridges, dams, drinking water, energy, freight rail, hazardous waste, inland waterways, levees, parks and recreation, passenger rail, ports, roads, schools, solid waste, stormwater, transit, and wastewater. The grade



denotes that Pennsylvania’s infrastructure is mediocre and requires attention.



2018 REPORT CARD FOR PENNSYLVANIA’S INFRASTRUCTURE



The highest grade was a “B” for freight rail, followed by a “B-” for hazardous waste and parks and recreation. Wastewater received the lowest grade, a “D-”.

The Committee offered the following suggestions to raise the grade:

- Continue the Investment in Transportation
- Focus on Water
- Prepare for the Future

The Full 2018 Report and Report Card Brochure can be viewed and downloaded at www.pareportcard.org.

We thank Past President Gary Garbacik for leading the release and emceeding the event for the Section. We also thank fellow Section member Stephanie Slocum for presenting the grades along with Rep. John Taylor who provided remarks. Great appreciation is given to the numerous Section members who volunteered countless hours in researching and contributing information for the report.

October Dinner Meeting held at Penn College

Submitted by: Andrew Ottinger, House and Reception

To say they “don’t build ‘em like they used to” is a true statement when it comes to new bridge structures. But for the railroad industry, sometimes it’s the best to go back to the roots of the industry. Such was the case for the Lycoming Valley Railroad’s bridge over Loyalsock Creek in Lycoming County, PA, near the city of Williamsport. Our guest speakers for the October dinner meeting, hosted by our student chapter at Penn College of Technology, were Mr. Paul Janotti and Mr. John Conrad, PE, who presented on the replacement of this aging structure.

Flooding is nothing new to this area, but to the Lycoming Valley Railroad, the loss of their bridge over Loyalsock Creek literally and figurative severed them from their customer base. It was likely a matter of time that the bridge would have a failure, and the flooding of 2011 was the final nail in coffin. This section of railroad is owned by SEDA-COG Joint Rail Authority (Lewisburg, PA) and is railroad contract-operated by the North Shore Railroad which operates this as their Lycoming Valley Railroad. Mr. Janotti (Janotti Rail) was chiefly responsible for the railroad track structure while Mr. Conrad (Conrad Associates) was the structural designer for the new bridge. Both brought a wealth of knowledge and passion of the railroad industry, and this project was fast tracked to remove the existing, multi-span through-plate girder structure with a modern truss and through-plate girder bridge system. Key goals of this was to minimize the number of piers in the creek and maximize the hydraulic opening while providing minimal approach reconstruction of the existing roadway alignment. The presentation included videos of the flooding at the bridge site, demolition of the existing structure, construction of the new spans and the first revenue train restoring service. Of course, not all projects go to plan, but the contractor (G.O. Hawbaker) and Mr. Conrad were able to expedite the project despite these setbacks and delivered an on-time project to the Rail Authority. The final product is a structure that will serve the railroad industry well beyond our lifetimes.

The Section would like to thank Mr. Janotti, Mr. Conrad (and his family who helped with the presentation), and representatives from both the North Shore Railroad and SEDA-COG for attending our meeting.



Photo (L-R): Paul Janotti (Janotti Rail), George Fury (SEDA-COG), Jeff Stover (SEDA-COG), Todd Hunter (North Shore Railroad), John Conrad PE (Conrad Associates), and Kerry Henneberger (ASCE President)

2018 Student Awards Presented at November Dinner Meeting

Submitted by: Christopher W. Smith, P.E., Student Awards Chair

At the November Dinner Meeting, the Section once again recognized the outstanding academic achievements of four students from the Section's Student Chapters; this was the 27th year that these awards have been presented. This scholarship award is available to students who either attend one of the six colleges/universities within the boundaries of the Central PA Section: Bucknell University, Penn State University – Harrisburg, Penn State University – Main Campus, Penn College of Technology, Messiah College, and York College or reside within our Section's geographical boundaries. This year, a total of 6 students applied for four (4) \$2,000 awards. The award winners were Erin Brenneman (Messiah), Marcos Espinosa (PSU-Harrisburg), Derek Grose (Penn College), and Alexis Gawelko (PSU-Main). Congratulations once again and continued success throughout the remainder of your academic career and into your professional careers.

Each year, the Student Awards are generously funded by the Geo-Institute with proceeds from the Central PA Geotechnical Conference.



Erin Brenneman



Marcos Espinosa



Derek Grose



Alexis Gawelko

Central PA YMG - Biannual Adopt-A-Highway Litter Clean-up with Cracker Barrel Breakfast

Submitted By: Bill Kingston, PE, CFM, Younger Member Group President

On Saturday October 20th, ten section members, including student members from Penn State Harrisburg and Messiah College, volunteered their time to help pick up roadside litter during the biannual Younger Member Group's litter clean-up. For over 15 years, the Central PA YMG has participated in the PennDOT Adopt-A-Highway campaign to clean up roadside litter around the US 15 Winding Hill/Cumberland Parkway Interchange in Mechanicsburg, PA. To commemorate our 15 year service milestone in the program in September, PennDOT mounted special recognition signs beneath our existing Adopt-A-Highway signs along US 15 to show appreciation for the YMG's long-standing commitment to the program. Prior to the clean-up, volunteers were treated to breakfast at the nearby Cracker Barrel restaurant, courtesy of the YMG. The spring clean-up is tentatively scheduled for Saturday April 20th, 2019. Be on the lookout for an event invite come springtime. We hope to see you there!



Annual ASCE Student Chapter Canned Food Drive Competition

Submitted By: Bill Kingston, PE, CFM, Younger Member Group President

For the past 10 years, throughout the month of October, the Younger Member Group (YMG) has sponsored an annual ASCE Student Chapter Canned Food Drive Competition. We invite each of the six student chapters in our Section (Bucknell University, Messiah College, Penn College of Technology, Penn State - Harrisburg, Penn State – University Park, and York College of Pennsylvania) to collect non-perishable goods and monetary donations for a local food pantry of their choosing and we award the student chapter that collects the most donations with an engraved trophy and a \$250 monetary award for their use in member recruitment, for their competition teams, for attendance to conferences, or for a student chapter event. Officers from the winning school are recognized at our November Section Dinner Meeting, at which we also collect canned goods for donation to the Central PA Foodbank.

This year, four of our student chapters participated and **York College of Pennsylvania** emerged victorious, collecting a **record-breaking 563 items** for donation to the York Food Bank! The YMG would like to sincerely thank all those who contributed this year.



Sabrina Vicente and Rebecca McCloskey from the York College of Pennsylvania ASCE Student Chapter accept the 2018 Canned Food Drive Trophy, presented by Kerry Henneberger, PE (Section President) and Bill Kingston, PE (Section YMG President)

2018 Student Chapter Canned Food Drive Competition Results:

ASCE Student Chapter	Collection	Selected Charity
1. York College of Pennsylvania	563 items	York Food Bank
2. Bucknell University	\$160.77	The Foundation for the Carolina's Hurricane Relief
3. Penn State - University Park	36 Items	Lion's Pantry
4. Penn State – Harrisburg	32 Items	WE cARE Student Food Pantry



Penn State - Harrisburg



York College of Pennsylvania



Penn State - Harrisburg



Penn State - University Park



Bucknell University

The logo for the Future City Competition features the words "future City" in a blue, stylized font where the letters are connected and have thin vertical lines extending downwards from the bottom of each letter. Below this, a green curved line arches across the width of the text. Underneath the arch, the word "COMPETITION" is written in a bold, green, sans-serif font.

FUTURE CITY COMPETITION UPDATE & HOW YOU CAN HELP

The Central Pennsylvania Future City Competition will be held on January 19, 2019 at the State Museum in Harrisburg. In the competition, students work with a teacher and engineering mentor as they create cities of tomorrow using SimCity software; build a large, 3-D tabletop model of recycled materials; write an essay; and create an oral presentation. More than 30,000 students from 1,100 schools participated in Future City last year. This year's topic is: **Powering Our Future.** We will once again send the winner of our competition to Washington, D.C. to compete nationally.

Here's how you can help:

ENGINEERS: You can help out during the Competition by being a Judge.

COMPANIES: Companies can help with monetary donations or donations of prizes and small gifts for the students. All help is appreciated.

EVERYONE: Want to help, but not sure if you have the time available? Be a Volunteer the day of the competition! Volunteers will help keep things running smoothly the day of the Competition, including set-up, sign-in, and distribution of itineraries, lunch, and breakdown.

For more information on judging, sponsorship or volunteer opportunities contact Steve Roman at sroman@wbcm.com.

TWO WAYS TO CELEBRATE ENGINEERS WEEK IN CENTRAL PENNSYLVANIA

Date: February 20, 2019

**Annual Engineers Week Breakfast
And Career Expo**

Time: 8:00 AM at Messiah College

Date: February 21, 2019

**Our Annual Banquet at the
West Shore Country Club**

Time: 5:30 PM Social

6:00 PM Dinner

7:00 PM Program

Save the Dates

More information including Speaker and meal choices to follow.



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The Automated Vehicle Coalition (AVC), a nonprofit grassroots organization with a mission to improve roads and communities for a safe and responsible future, held a press conference and automated vehicle display at [Gannett Fleming's](#) corporate headquarters in Harrisburg, Pennsylvania, on Nov. 20. Gannett Fleming is a founding member of the AVC.

Individuals in attendance included PennDOT Secretary Leslie Richards, Pennsylvania State Rep. Greg Rothman, R-Cumberland, and PA Turnpike Commission Chief Executive Officer Mark Compton, along with AVC members and other distinguished visitors.

Larson Design Group's Selinsgrove office celebrated its 10th anniversary as well as the recent expansion and renovation of the space. The expansion increases the office's square footage by 41 percent and now allows for more than 20 additional employees. To celebrate the milestone, about two dozen people attended a ribbon-cutting and reception at the office in mid-October, including members of the Greater Susquehanna and Central PA chambers of commerce.

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ELA Group, Inc, in Lititz, PA, welcomed Santa to their office for the annual Family Day with Santa. Spoiler alert- Santa is actually Doug Plank, a former Partner at ELA Group, who is now retired. Employees and their children and grandchildren enjoyed an afternoon of crafts, games, cookies and, most importantly, a chance to chat with Santa about their Christmas wishes.

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2018 ENR:

- Bridges #5
- Transportation #14
- Design Firms #56

Pennsylvania Offices

- Scranton
- Mechanicsburg
- Allentown
- Pittsburgh

Modjeski and Masters, Inc. (M&M) is pleased to announce the opening of our new Austin, TX office. The office is the firm's first office in the state, and its 12th location nationwide. This highlights the firm's continued growth, as well as its dedication to growing in this particular region. M&M has hired John Holt, PE, to lead the Austin office where he will be responsible for managing operations in the region. As the nation's leading state in population and economic growth, we look forward to serving this region for many years to come. For more information, visit www.modjeski.com.

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Events

Event	Date	Location
Region 1, 2, 4 & 5 Multi-Regional Leadership Conference	January 26, 2019	Orlando, Florida
February Section Dinner Meeting	February 13, 2019	Park Inn by Radisson, Mechanicsburg
Central PA Engineer's Week	February 16-17, 2019	Whitaker Center, Harrisburg
Engineer's Week Breakfast	February 20, 2019	Messiah College
Engineer's Week Banquet	February 21, 2019	West Shore Country Club
March Section Dinner Meeting	March 13, 2019	Park Inn by Radisson, Mechanicsburg
April Section Dinner Meeting	April 10, 2019	Park Inn by Radisson, Mechanicsburg

The schedule is growing daily, please visit <http://sections.asce.org/central-pennsylvania> for more information.

Job Postings

PennDOT Central Office - Civil Engineer Manager (Hydraulics)

PennDOT Central Office - Senior Civil Engineer (Hydraulics)

Jobs postings are included on the Section Website at <http://sections.asce.org/central-pennsylvania/node/10>

Address Change? Questions About ASCE?

If you are an ASCE member, and wish to update your address information, please visit: www.asce.org/myprofile.

If you are a member of ASCE, and have questions, please email them to: centralpa.asce@gmail.com.

Questions about the ASCE Central PA Section Newsletter? Send an email to Jason Taylor, Newsletter Editor, at jtaylor@sqcivil.com.