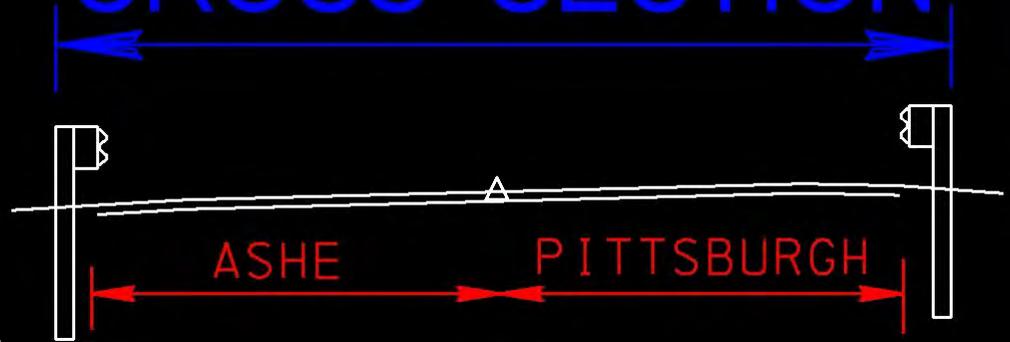




# CROSS SECTION



## Section Officers 2014-2015

### PRESIDENT

Kathryn Power, P.E.

### FIRST VICE PRESIDENT

Anthony Castellone, P.E., P.T.O.E.

### SECOND VICE PRESIDENT

Paul Boggs, E.I.T.

### SECRETARY

Jim Weaver, Jr.

### TREASURER

Jerry Pitzer, P.E.

### 1 YEAR DIRECTORS

H. Daniel Cessna, P.E.

Marc Garfield, P.E.

David Mikec, P.E.

Maggie Moore, P.E.

### 2 YEAR DIRECTORS

John Lepri, P.E.

Chuck Nash, P.E.

John Nicholson, P.E.

Chris Prisk, P.E., P.T.O.E.

### 3 YEAR DIRECTORS

Pat Kane, P.E.

Dave Williams, P.E.

Jason Esser, P.E.

Jamie Unger, E.I.T.

### IMMEDIATE PAST PRESIDENT

George Zboyovsky, P.E.

### REGIONAL REPRESENTATIVE

Brian Krul, P.E., P.T.O.E.

# Summer 2014

## Inside this issue:

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Welcome New Members

ASHE Pittsburgh: Now & Then

Century Club Membership List



# ASHE

AMERICAN SOCIETY OF HIGHWAY ENGINEERS

## PITTSBURGH SECTION



## September Dinner Meeting

Featuring

# Cheryl Moon-Sirianni

## PennDOT District 11 - ADE Design

Wednesday,  
September 10,  
2014



### AT THE **HOFBRAUHAUS**

The Hofbrauhaus is located in Pittsburgh's  
Southside Works Neighborhood:  
2705 South Water Street  
Pittsburgh, PA 15203

\*\* Various parking lots and garages are available;  
located off of Sydney Street or Tunnel Blvd.

5:30 PM—Social Hour

6:30 PM—Dinner

7:30 PM—Presentation by  
Cheryl Moon

**RSVP by September 5, 2014**

Contact John Nicholson:  
[J.nicholson@gaiconsultants.com](mailto:J.nicholson@gaiconsultants.com)  
(412) 476-2000 ext. 1730

#### Registration

\$40 Members

\$50 Non-Members

\$20 Public Employees



**Oktoberfest theme dinner and brews**

# Meet the Board of Directors



Back Left to Right: **President Kathryn Power; Regional Representative Brian Krul; Director Dave Williams; Email Blaster John Havel; Director Jamie Unger; Secretary Jim Weaver; Director John Lepri; 1st Vice President Anthony Castellone; Director Maggie Moore; Director John Nicholson; Treasurer Jerry Pitzer; Immediate Past President George Zboyovsky;**

Front Left to Right: **2nd Vice President Paul Boggs; Director Marc Garfield; Director Dave Mikec; Director Chuck Nash; Director Pat Kane**

Not present in photo: **Directors Dan Cessna, Chris Prisk, and Jason Esser**





**Kathryn Power, P.E.**  
**2014-15 ASHE Pittsburgh President**

## *President's Message*

It is with great honor that I have the opportunity to follow in the footsteps of 47 dedicated, hard-working men and woman who have served as an ASHE Pittsburgh President. Without the foundations that these 47 have built, our organization wouldn't be what it is today. The first thing I want to do is thank all those Past Presidents for their contributions and services to ASHE. And thank you to everyone who has served as a Section Director or Committee Chair for supporting our Past Presidents and our organization. And finally, thank you to the ASHE membership, for your continued support and participation.

As your 48<sup>th</sup> Section President, I would like to briefly "introduce" myself. I am currently a Senior Civil Engineer Supervisor at the PennDOT Engineering District 11 Office, working in the Traffic Unit. I started at PennDOT as an intern in 2005, and immediately started full time with the Department after graduation from the University of Pittsburgh in 2007. In that same year, I began getting involved in the ASHE organization by attending young member events and dinner meetings. In 2009, I joined the ASHE board as a 3-year director. Two years ago, I was nominated and elected for the 2<sup>nd</sup> Vice President role with planned succession for presidency.

When I'm not focused on highways and transportation, I enjoy spending time on the golf course, going to the gym, and watching old episodes of Seinfeld. Other interests and hobbies include: step aerobics and dance, biking, boating, football, fantasy football, volunteering at my church, and traveling to tropical beach destinations. And my retirement plan includes an address change to the state of Hawaii.

With 564 current members, the Pittsburgh Section remains the largest Section nationally. This fact is proof that our past leaders have worked so hard to develop and maintain a strong, successful, and valuable ASHE Section.

Throughout the next year, the Section's Board will be focusing on modernizing the organization through various technological mechanisms. Later in the year, we are planning to start accepting credit/debit card payments for dinner meetings and other events. Our Section's website will be enhanced to provide more direct access and benefits to our members. The website will integrate a member login feature, allowing members to have exclusive access to a portal that will allow members to update their contact information and register/pay for ASHE events. In addition, the Pittsburgh Section will create and maintain a Facebook, Twitter, and LinkedIn site, to help with distribution of information and attracting younger generations.

The Board of Directors will be collaborating on another great year of ASHE Pittsburgh events. The dinner meetings, PDH seminars, Golf Outings, Pirate Games, the annual banquet, volunteer opportunities, young member events, and a holiday social party is all on our Section's agenda for the year. All of the Board Members contribute a significant amount of time and effort to put these functions together, so I encourage all of our membership to participate in these opportunities. It's not an easy task to plan, prepare, and host any large group function, and many thanks go out to the men and women making this happen.

Thank you to Brian, George, Anthony, Paul, Jerry, Jim, Dan, Maggie, Marc, Chuck, Pat, Dave, Dave, John, John, Chris, Jason, and Jamie!

And thank you to all of the ASHE Pittsburgh membership, for your time, contributions, and support to this great organization. I look forward to serving as your ASHE President over the next year!

A handwritten signature in black ink that reads "Kathryn Power". The signature is written in a cursive, flowing style.

# Adopt A Highway



## October 4, 2014

**Come out and help ASHE Pittsburgh keep our roadways clean!**

Meet at **9AM** at the Marathon gas station  
on Campbell's Run Road

Marc Garfield: (724) 610-6024,  
[marc.garfield@gibson-thomas.com](mailto:marc.garfield@gibson-thomas.com)



Fall 2014

# Report from Bismarck

**Written by: Jerry Pitzer, with contributions from Kevin Duris and Kathryn Power**

The ASHE National Conference was held in Bismarck, North Dakota on June 11-15, 2014. This is the second time that the Central Dacotah Section has hosted a National Conference and they did an outstanding job. The conference was held in the Best Western Ramkota motel conveniently located adjacent to the downtown area of Bismarck and across the street from the local mall. A nice hotel that was just a little confusing to navigate, especially after an evening in the hospitality room.

There were numerous tours for spouses, guests and ASHE members. For the early arrivers, there was an all day trip on Wednesday to the town of Medora, a cute little town at the entrance to Theodore Roosevelt National Park. Thursday there was a riverboat excursion on the Missouri River. Friday's tours included visits to local attractions and the Heritage Center. Finally, Saturday's tours included a trip to Fort Mandan, where Lewis and Clark spent a winter and the Lewis and Clark Visitor's Center together with technical tours of the Memorial Bridge and the City's water intake facility and the Cretex pre-cast factory.

The conference golf tournament was held on the Thursday, June 12 at Hawktree Golf Course, a challenging layout. There were 36 golfers. The event was a scramble format. It was a chilly start as the temps dipped into the 50's. According to the locals, it is not that chilly in the middle of June.



*The expansive view at Hawktree Golf Course*



The annual business meeting included the traditional roll call of the Sections. Pittsburgh typically wins the award for the largest attendance at the conference. Unfortunately, there were only seven Pittsburghers there this year and we were force to share the award with two other sections, Delaware Valley and Southern New Jersey. At the Past Presidents' luncheon, President John Adams, the second president of the United States, made a surprise visit. He told the audience about life when he was alive with an emphasis on transportation. Very entertaining.

Friday evening the conference headed out to Buckstop Junction for dinner and entertainment. This small town included a hotel, school, general store, post office, church and numerous other buildings. The buildings, which were generally built around a hundred years ago, were moved to the site from the surrounding area. A real taste of the Dakotas as the pioneers saw it. The local antique car club brought about 15 or 20 vehicles and gave rides to anyone who wanted the experience. Dinner included steaks skewered on pitchforks and cooked in a vat of oil. After dinner, everyone was entertained by an "authentic" western style shootout between the sheriff and local outlaws.



Saturday's annual banquet included the installation of National's officers for 2014-2015 and a presentation by the group from Baltimore that will be hosting next year's conference. The banquet was followed by a live band.



There was something for everyone in Bismarck. Those who still had enough energy in them each night after the conference events made their way to the local hang out, Bucks (the official name is Borrowed Bucks Roadhouse). On the outside, Bucks could be mistaken for a storage shed with its corrugated metal siding. But on the inside, the large bars, dance floor, DJ, and strobe lights made for a great time.

*Bucks special: buy one, get one free!*

For those too tired to venture out but not yet ready to call it a night, the hotel offered a "casino." It was actually two blackjack tables and an area that sold strip tickets. It was very entertaining though, as we intermingled with the local blackjack players. Stakes were not too high as the limits were \$1-\$25 per bet.

Mark your calendars for the National Conference in Baltimore in 2015 and the fabulous conference in Pittsburgh in 2016 when we will be celebrating the fiftieth anniversary of the Pittsburgh Section.



# Replacement of S.R. 0224 Structurally Deficient Bridges

By: **Richard B. Kauffman, P.E. and Mara R. Pritchard, P.E.**

**SAI Consulting Engineers, Inc.**

Replacement of structurally deficient bridges has been the focus of PennDOT as well as other state departments of transportation for the past several years. With this in mind, the Pennsylvania Department of Transportation, District 11-0 teamed with SAI Consulting Engineers, Inc. for the S.R. 0224–L02/L05 State Street and Edinburg Overpass Bridge Replacements, Lawrence County, Pennsylvania.

Originally, the project was to replace the structurally deficient State Street Bridge. During preliminary design, the Edinburg Overpass Bridge was added to the list of deficient bridges. Because these two bridges are within a half-mile of each other, PennDOT chose to combine the bridges into one project. PennDOT saw this as an opportunity to replace two deficient bridges at one time while minimizing the negative impacts to the community with two separate construction projects.

Because S.R. 0224 is an important east/west corridor in this portion of the state with an ADT of 9,742, traffic control was a major concern. When half-width construction was not considered feasible because of the existing truss configuration of both bridges, detours were considered. The required detour using state roads was 25 miles long, utilized a portion of the Pennsylvania Turnpike, and extended into Ohio. With the addition of the Edinburg Overpass Bridge, this detour became longer and more complicated. Consequently, detouring traffic was not feasible.

Various online and offline alternatives were evaluated during preliminary design. There were significant environmental features, historic structures, and a civil war-era cemetery within the project limits that made offline alternatives unattractive. PennDOT selected the online alternative, which had the least impacts, was the least costly, and could be delivered into construction more than two (2) years sooner than the offline alternatives because of minimized right-of-way impacts.

The temporary bridges option was the apparent effective solution to maintain traffic through the corridor during construction; however, it was a very costly option. SAI investigated a roll-in superstructure option for the State Street Bridge that provided the advantage that the temporary bridge superstructure costs would be eliminated. SAI contacted a number of contractors in the area who indicated that they would utilize the alternate of building temporary bridges. The temporary bridges option was designed with a roll-in contractor option permitted on the State Street Bridge. The offset of the temporary bridge from the permanent alignment was minimized as much as possible to reduce construction costs.

SAI contacted demolition contractors and found that the temporary bridge could be as close as 10' to the existing bridge and still allow for demolition utilizing the required explosives for the State Street Bridge demolition.



*Temporary roadway alignment at State Street Bridge. Note temporary alignment was curved out so that permanent bridge could be constructed on tangent alignment.*

Though equally as important, roadway improvements have not been given the same attention as bridge replacement projects in recent years. However, as the team attended meetings with stakeholders, it became evident that other issues needed to be addressed. With two bridge replacement projects in close proximity, additional improvement goals were realized that included reconstructing the connecting roadway and intersection between the bridges. This included the improvement of the 2,500' of connecting roadway including safety features and the reconstruction of the intersection of S.R. 0224/S.R. 0551. This existing Y-shaped intersection consisted of a large triangle island with two-way traffic adjacent to each side of the triangle that resulted in traffic intersections at each of the corners of the triangle. The intersection was replaced with a T-intersection and a left-turn lane was added for the S.R. 0224 westbound traffic turning onto S.R. 0224, greatly improving the safety of the intersection. The reconstruction of the intersection improved the intersection sight distances. The project had an overall construction cost of \$14,500,000.



*S.R. 0224 Intersection post construction. Note the installation of left turn lane and improved sight distance.*

Various ideas to reduce future maintenance, improve the quality of the project, and reduce overall costs were incorporated into the design/construction as follows:

**State Street Bridge and Edinburg Bridge Design and Construction Process:** The bridge replacement projects were designed separately and then combined into one construction package, which likely reduced construction costs. Low cost intersection improvements between the two bridges were then included to add a left turn lane on S.R. 0224 at the S.R. 0551 intersection.

**LMC Wearing Surface:** LMC was provided as the deck wearing surface for both bridges. This was done to facilitate future redecking, which could be performed using weekend closures.

**Bridge Superstructures:** Weathering steel was selected for site aesthetics as well as for the low cost of future maintenance for the State Street Bridge. Prestressed bulb-T beams were used for the Edinburg Bridge to reduce future maintenance costs.

**Abutment and Pier Locations:** In order to eliminate the expensive construction costs of having to totally remove existing foundations, the span arrangements were established to avoid the existing pier foundations including existing pile foundations. The proposed abutments were set slightly behind the existing abutments to eliminate the cost of removing the existing foundations.

**State Street Bridge Foundation Types:** Caisson foundations were provided for the Pier Nos. 1 and 2 in order to eliminate the costs of expensive cofferdams. Temporary soldier pile and lagging walls were built at Abutment Nos. 1 and 2 to permit the construction of the temporary alignment. The temporary soldier pile and lagging walls were phased so that the piles were part of the permanent abutment walls and were faced in the final construction phase with concrete panels.

The project not only met the owner's engineering goals, but provided a cost-effective solution by combining two projects (State Street Bridge and Edinburg Bridge) into one, which provided construction savings. It grew to include the Edinburg Bridge replacement and the roadway/intersection improvements between the bridges which provided a finished project that ultimately improved the overall quality of the roadway corridor.



*New State Street Bridge. Note removal of truss bridge improves sight distance.*

***The SR 0224—L02 and L05 State Street and Edinburg Overpass Bridge Replacements was selected for the 2013 Outstanding Highway Engineering Award for Category B (Projects between \$5 million and \$15 million)***

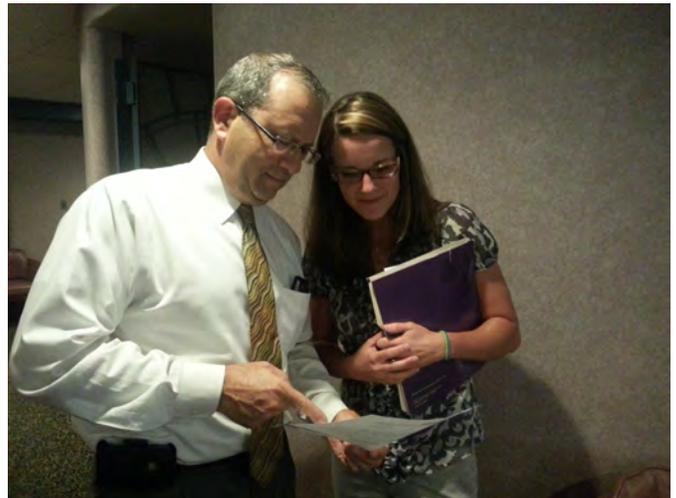
# ASHE Pittsburgh Members Appointed to the CLC Board

Authored by: Jim Weaver, Jr.

ASHE Pittsburgh Section has been active in the Construction Legislative Council (CLC) since January 1987. The CLC, started in 1971, is a unique multi-discipline coalition currently consisting of fourteen (14) construction industry organizations, representing thousands of contractors, architects, engineers, owners, tradesmen and material suppliers from Western Pennsylvania. The primary purpose of the CLC is to engage dialogue with elected leaders and policy makers to advance the economic and political interests of the industry. CLC actively participates in the legislative process, presenting a unified voice regarding legislative matters of concern to the entire construction industry. The unique feature of this organization is that any official position taken or letter written on behalf of the CLC requires the unanimous agreement of all member associations. Individual member organizations remain autonomous and are not restricted in any way from taking their own positions on an issue, regardless of their membership in the CLC. However, any correspondence on behalf the CLC organization must have unanimous consent of all current member organizations.

A major focus issue of the CLC in recent years has been transportation funding. The Council hosted several meetings with and programs for legislators and their staffs, both locally and in Harrisburg, to educate them on this issue and to garner support for long term, sustained funding legislation.

The CLC Nominating Committee recently selected our current ASHE Secretary, Jim Weaver to be the CLC Vice Chairman and ASHE Board Member Maggie Moore to be CLC Secretary for the upcoming 2013-14 session. Both were approved at the June Council meeting.



When Jim assumes the CLC Chairmanship in 2014-15, he will become just the third ASHE Pittsburgher to serve in that position following: Rich Bogovich, Tom Donatelli and Bill Arnold. Other ASHE members have served as CLC Chairman representing other organizations: Joe Fecek (ASCE); Walt Krasneski (NAIOP); Paul Messineo (NAIOP); Pat Kane (ASCE); Lisle Williams (PSPE); Jim Weaver, Sr. (CAWP) and Fred Graham (ESWP).

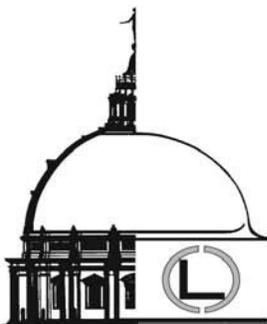
In addition to her duties as incoming Secretary, Maggie is currently chairing the Transportation Action Plan Committee (TAP). The TAP is researching and preparing a comprehensive plan of recommended transportation improvements, for all modes of transportation, in the Western Pennsylvania region. The final document is planned for release later this year.

The current CLC members are: American Institute of Architects, Pittsburgh Chapter; American Planning Association, Pennsylvania Chapter; American Society Civil Engineers, Pittsburgh Section; ASHE, Pittsburgh Section; Construction Financial Management Association; Constructors Association of Western PA; Green Building Alliance; Ironworker Employers of Western PA; Master Builders Association of Western PA; Mechanical Contractors Association of Western PA; National Association of Industrial & Office Properties, Pittsburgh Chapter; National Utility Contractors of PA; Pennsylvania Society of Professional Engineers, Pittsburgh Chapter and the Pittsburgh Builders Exchange.



The CLC meets monthly from September through June, conducting a business meeting, discussing local, state and federal legislation followed by a guest speaker, generally an elected official or the head of an agency. The CLC does employ the services of the Duane Morris Governmental Strategies, which presents a monthly report on the Commonwealth of Pennsylvania Executive and Legislative branch activities of interest to the construction industry. Members of the Board of Directors of the member associations are invited to attend these meetings. ASHE Pittsburgh maintains an active presence at these meetings, led by Anthony Castellone, serving as the current ASHE Pittsburgh Section CLC/Legislative Committee Chair.

The premier annual event of the CLC is the Legislative Breakfast, which is normally held on the first Friday in May at the Duquesne Club in downtown Pittsburgh. This event is open to all ASHE members and presents an excellent opportunity to meet with national, state and local elected officials.



## **Construction Legislative Council**

**631 Iron City Drive**

**Pittsburgh, PA 15205**

**Phone: 412.922.4703 Fax: 412.922.3729**

**[www.clcpa.org](http://www.clcpa.org)**

## *Featured Century Club Members*

TranSystems  
Two Gateway Center  
603 Stanwix Street, Suite 2050  
Pittsburgh, PA 15222

Phone: 412.402.4813

Contact: Brian A. Krul, P.E., P.T.O.E.  
Email: bakrul@transystems.com

Principals: Mike Cuddy, P.E.—Philadelphia

Type of work performed: Transportation engineering and design related services including highways, intersections and inter-change design, bridges, bridge inspection, design development, traffic, transit and commuter rail, project management services, right-of-way acquisition services



**EXPERIENCE** | Transportation

L.R. Kimball  
Frick Building, Suite 812, 437 Grant Street  
Pittsburgh, PA 15219

Phone: 412.201.4900

Contact: Kevin O'Connor, P.E.  
Email: kevin.Oconnor@lrkimball.com

Principals: Richard E. Genday, Vice President - Transportation Services

Type of work performed: Architecture/Engineering/Communications Technology: Aviation, Civil, Construction Services, Data Systems, Environmental, Facilities Engineering, Geospatial, Networks, Public Safety, and Transportation.



A CDI Company

Mackin Engineering Company  
117 Industry Drive  
Pittsburgh, PA 15275

Phone: 412.788.0472

Contact: Daniel J. Patterson, P.E.  
Email: djp@mackinengineering.com

Principals: Dean J. Mackin, CEO; Thomas E. Riester, P.E., President; Raymond Hack, P.E., Vice President

Type of work performed: Transportation Engineering, Planning, Construction Inspection, Civil Engineering, Landscape Architecture, Surveying



EJ  
141 Dexter Drive  
Monroeville, PA 15146

Phone: 412.795.6000

Contact: Kevin Pushay  
Email: kevin.pushay@EJCO.com

Type of work performed: Manufacture of cast iron products: manholes, catch basin, frames, greats, inlets, valve box, hydrant, valves



# Job Corner

Please visit our [website](#) to view recent job postings:

<http://www.pittsburgh.ashe.pro/job-corner>

The City of Pittsburgh is currently advertising for a Project Manager in the Bureau's Streets Division. A copy of the job announcement can be found at the following link. All applicants must go through the city's website to apply. Any interested candidates can contact Pat Hassett for further information.

<https://www.city.pittsburgh.pa.us/pers-depo/Announcements/PROJECTMGRREV.HTM>

Patrick F. Hassett, Assistant Director  
Bureau of Transportation and Engineering  
Department of Public Works  
Room 301 City County Building  
414 Grant Street  
Pittsburgh, PA 15219  
412-255-2883  
[pat.hassett@pittsburghpa.gov](mailto:pat.hassett@pittsburghpa.gov)



Interested in having your project featured in a future edition of the ASHE Pittsburgh's Cross Section? Please email your technical articles to [kpower@pa.gov](mailto:kpower@pa.gov). Contact Kathryn Power with any questions.

## ASHE Harrisburg's August 21, 2014—Professional Development Webinar

**Webinar Title:** Diverging Diamond Interchanges

**Date:** August 21, 2014

**Time:** 12:00 P.M. – 1:30 PM EDT

Information about the August webinar, including registration directions, PDH's, and payment options, can be found on the ASHE, Harrisburg [website](#).





July 31, 2014

Dear Friend of ASHE,

As you may be aware, The American Society of Highway Engineers (ASHE) is a national organization, composed of engineers, consultants, contractors, manufacturers, suppliers and government personnel, all of whom are involved in the transportation industry. The largest ASHE section is here in Pittsburgh with nearly 600 individual members and 80 corporate members.

On October 18, 2014, we will hold our annual Past Presidents' Banquet where we honor those men and women who have led our organization since its inception. The Banquet will be held at the Pittsburgh North Shore's *Rivers Casino*. This year's casino-themed event will bring you back to the hey-day of Las Vegas, when the "Rat Pack" ruled the casino ballrooms and Cuban cigars were cheap. Feel free to dust-off that tuxedo and evening gown to join your colleagues and our Past Presidents for a night out on the town...a block of rooms will also be available at the *Residence Inn by Marriott Pittsburgh North Shore* for those of you who want to extend your evening into the morning!

Traditionally, as a highlight of the Banquet, we offer exciting door prizes that have been donated by various organizations and individuals. We are hoping that you or your organization will be able to contribute an item, several items or gift certificate(s) for this year's Banquet; to be utilized as DOOR PRIZES by our Committee. As a "thank you" for your donation, you will be recognized in our Banquet's printed program as well as on our website [www.pittsburgh.ashe.pro](http://www.pittsburgh.ashe.pro). The levels of *Door Prize Sponsorship* are as follows:

- ❖ Bronze (\$25 - \$75 in "door prize" value)
- ❖ Silver (\$76 to \$150 in "door prize" value)
- ❖ Gold (\$151 to \$250 in "door prize" value)
- ❖ Platinum (over \$250 in "door prize" value)

We are also requesting sponsors for party favors commemorating the event to be given to each person in attendance at the Banquet. The favors can include your company name and logo. In addition, your company will be recognized for its contribution in our Banquet program. **If you or your company is interested in sponsoring favors, please contact me directly to discuss this in greater detail.**

Also, if you would like to submit an advertisement to be printed in our **Banquet Program** congratulating the most recent past president, **George Zboyovsky, P.E.**, as well as all those who have dedicated so much time serving as a past ASHE Pittsburgh Section President, you can do so for the following costs:

Full Page Ad (5 ½" x 8 ½")	=	\$100.00
½ Page Ad (5 ½" x 4 ¼")	=	\$75.00
Business Card	=	\$50.00

Please follow these instructions when submitting an advertisement:

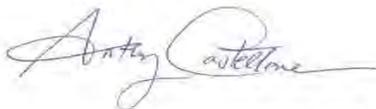
- All ads and copy must be received no later than September 19, 2014.
- If there is a photograph or detailed graphic on the ad copy, you must either send the original photo of this or copy it to a disk. If you send it via email it should be a maximum of 5 MB and email it to me at [acastellone@pennoni.com](mailto:acastellone@pennoni.com) along with your name and phone number, in case we have questions.
- Copy should be in color. Please send the correct size or ad copy may be returned for revisions.
- JPEG or PDF is the preferred format.
- ASHE reserves the right to reject objectionable advertising and copy.

Please make any checks payable to **ASHE Pittsburgh**. **We greatly appreciate any consideration you can give to our request!** We are asking that all donations and advertisements for the program be received by **September 19, 2014**. Please send your donation(s) and/or payment and advertisement information for the program to:

ASHE Past President's Banquet  
C/O – A.J. Castellone, P.E., PTOE  
PENNONI ASSOCIATES, INC.  
Foster Plaza 9, Suite 700  
750 Holiday Drive  
Pittsburgh, PA 15220

Thank you very much in advance for your generosity. If you have any questions, please contact me at 412-229-2794 or by email at [acastellone@pennoni.com](mailto:acastellone@pennoni.com).

Sincerely,



Anthony J. Castellone, P.E., PTOE  
Banquet Chair

# ASHE Bucs Social 7/1/14



To say the American Society of Engineers younger members Pirates outing on July 1<sup>st</sup> was a great success would be an understatement. With the USA vs. Belgium World Cup match airing that day right before the Pirates game, it was the perfect excuse to meet up at the Beer Market outside PNC Park to socialize and get drinks before the game. Not to mention the pizza that was thrown in as an added bonus. This was a great opportunity to meet other ASHE members you might not have known or even just to spend some time with colleagues in a fun social setting. After the Beer Market, the group migrated across the street to PNC Park. With this large enthusiastic



group all sitting in the same section, there was no doubt ASHE had the best seats in the house. The game seemed all but over heading into the bottom of the ninth down 2-0 to the Diamondbacks, but the Bucs didn't give up. With rally caps on, the crowd went wild as Ike Davis hit a walk-off single in the 9<sup>th</sup> to put the final score of the game at Pirates 3, Diamondbacks 2. Over 30 ASHE members, including 7 new members, attended the event. Thank you to all those who made it out to PNC Park and made it such a success. We hope to see you all again at the next outing. You won't want to miss it!



# Young Members

## WANT TO WORK ON EXCITING AND INNOVATIVE PROJECTS?



**PENNONI ASSOCIATES INC.**  
**CONSULTING ENGINEERS**

We are actively seeking professionals to fill openings in many locations. Some of the openings include:

- Senior Engineers/Project Managers
- Project Engineers – Highway, Bridge, and Traffic Design
- Associate and Graduate Engineers for all disciplines
- Engineering Designers/CAD

At Pennoni, you will have access to the tools you need to be successful throughout your career. You will be working with talented and experienced people who will mentor and provide guidance. Our employees are encouraged to reach their full potential, and are offered the opportunity to become what they were meant to be. Whether you are working on major highways and bridges, or improving local roads to make residents commutes easier, we at Pennoni always strive to impact the public's quality of life.

Pennoni Associates is always looking for talented, dedicated, energetic professionals to join our team. We currently have 27 offices in multiple states, are an employee-owned firm, and were recently named ENR Mid-Atlantic's Design Firm of the Year.

For more information on these job postings and more please visit our website at: [www.pennoni.com/careers](http://www.pennoni.com/careers) or email your resume to our recruiter in Human Resources, Emily Bernstein at [ebenstein@pennoni.com](mailto:ebenstein@pennoni.com).



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OFFICES IN: PA • NJ • DE • MD • VA • NY • CT • NH

Dear Colleague:

The American Society of Highway Engineers (ASHE) requests your firm's support through membership in the Pittsburgh Section's 2014 - 2015 Century Club. ASHE is a volunteer organization whose mission statement is to provide a forum for members and partners of the highway industry to promote a safe, efficient and sustainable highway system through education, innovation and fellowship.

Your contribution of \$150 will ensure that your company will play an active role in our Society and entitles you and your organization to the following benefits:

Century Club Certificate of Membership;

- Acknowledgment in the ASHE Past President's Banquet Program;
- Recognition in the ASHE Pittsburgh Section newsletter, the Cross-Section;
- Recognition on the ASHE Pittsburgh Section website;
- Recognition in ASHE Pittsburgh Section email blasts;
- Free employment advertisement; and
- Opportunity to submit articles for publication in ASHE's magazine "Scanner" for national exposure.

Thanks to Century Club support, the ASHE Pittsburgh Section will continue to build upon our tradition of success. With over 500 members, our section is still the largest in the country. Your contribution helps to keep the cost of dinner meetings and other events affordable for our members while giving them the opportunity to network with other engineers and clients. These members will be reminded of the valued support provided by your organization as a Century Club Member.

Please complete and return the enclosed Company Profile form, **including the firm's key contact person for Century Club and email address** along with your payment. Project information on the Company Profile form will be used when your firm is periodically selected to be in the "Featured Company" section of the Cross-Section newsletter. Additional information can be found on our website <http://www.pittsburgh.ashe.pro/content/century-club> or by contacting Chris Prisk at [cprisk@langan.com](mailto:cprisk@langan.com).

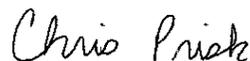
Please send your Century Club check for **\$150 payable to ASHE Pittsburgh Section** to:

Christopher A. Prisk, P.E., PTOE ASHE  
Century Club Chairman LANGAN  
601 Technology Drive, Suite 200  
Canonsburg, PA 15317

**Your payment is due June 1, 2013.**

On behalf of all ASHE members, Officers, and the Board of Directors, thank you for your consideration.

Sincerely yours,



Christopher A. Prisk, P.E., PTOE  
ASHE Pittsburgh Section  
Century Club Chairman

# 2014 Annual Pirate Game Outing

Courtesy of Dan Patterson



This year's Annual Pirate Outing took place on Saturday, August 9. Ninety-seven members and friends of the Pittsburgh and Southwest Pennsylvania Sections gathered in Lot 3 near PNC Park at 4:00 to socialize and take part in games of skill. Attendees enjoyed free parking in a semi-private lot in the shade of the Fort Duquesne Bridge, thanks to the Trumbull Corporation.

Calabria's Italian Restaurant served a catered dinner at 5:00 that included Chicken Milanese, Hot Sausage, Meatballs, Pasta Calabria and much more. Nobody went away hungry.

Dinner was followed by a door prize raffle which included prizes donated by our very generous sponsors: Dave & Busters, Big Burrito, Buca Di Beppo, Birdsfoot Golf Club, Calabria's Restaurant, Ditka's, Seven Springs, Tam O'Shanter Golf Course, Springfield Restaurant Group, Ponderosa Golf Course, Donegal Highlands Golf Course and Butler's Golf Course. Please keep our generous sponsors in mind as you plan future corporate outings.



The Pirates entered the game with a record of 62-53 and were one and a half games behind the Milwaukee Brewers for first place in the NL Central. The first inning ended with the Padres ahead 2-1. After the rough first inning, Francisco Liriano pitched 5 2/3 perfect innings before allowing a walk in the seventh. The Pirates had their chances, but stranded 5 runners in scoring position. There would be no more runs scored and the game ended Padres 2, Pirates 1. The game was a sellout, attended by 38,614 fans.



After the game, fans remained in their seats to enjoy Zambelli fireworks.

**Everyone had a great time. Please join us again next year!**



# PDH Seminar—Save the Date

**Thursday, October 2, 2014**

ASHE Pittsburgh will host a seminar worth two (2) PDHs  
at the PD District 11 Engineering Office

Morning or Afternoon Sessions Available

Additional information and registration details to follow...

If you or your company is interested in preparing an educational presentation to be accredited for PDHs, please contact Chuck Nash, P.E., for more information on the requirements.  
phone: 412-264-8701 Ext. 126 email: [cnash@msconsultants.com](mailto:cnash@msconsultants.com)

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## PE Civil and EIT Review Courses Offered by Penn State Beaver

Courses begin Tuesday, September 22, EIT; and Thursday, September 25, PE Civil, 6 p.m. – 9 p.m., and will be held at Penn Dot, Bridgeville. Online registration will be available soon. The website link is: <http://www.beaver.psu.edu/CE/17300.htm>

You may also mail your registration form to the address indicated or fax to 724-773-3769.

If you have any questions, please call 724-773-3700.

Pass this along to anyone who may be interested.

Contact:

Dana Alvetro, Program Assistant

Penn State Beaver

Continuing Education

100 University Drive

Monaca, PA 15061

PH: (724) 773-3700 \* FX: (724) 773-3769

EMAIL: [dlb31@psu.edu](mailto:dlb31@psu.edu) \* [www.beaver.psu.edu/ce](http://www.beaver.psu.edu/ce)

# *Mark your calendars*



## Upcoming ASHE Pittsburgh Events

**September 10, 2014—ASHE Pittsburgh Dinner Meeting**

**October 2, 2014—PDH Seminar @ District 11's Office**

**October 4, 2014—Adopt A Highway Cleanup**

**October 18, 2014—Past Presidents' Banquet at the Rivers Casino Ballroom**

**November 12, 2014—ASHE Pittsburgh Dinner Meeting**

**January 14, 2015—ASHE Pittsburgh Dinner Meeting**

**February 11, 2015—ASHE Pittsburgh Dinner Meeting**

## Upcoming Events from Our Region

**Harrisburg: August 22, 2014— Seafood Picnic**

**Southwest Penn: August 22, 2014—Golf Outing & Steak Fry, Donegal Highland**

**Albany: August 28, 2014—Annual Dinner Meeting, Century House, Latham**

**Central NY: September 11, 2014—Joint Golf, Timber Banks, Baldwinsville, NY**

**Franklin: September 12, 2014—Golf Outing, Wanango Golf Club**

**Altoona: September 17, 2014—Horseshoe Curve & Johnstown Incline Tour**

**Southern New Jersey: September 24, 2014—Annual Scholarship Golf Outing**

**Franklin: October 21, 2014—Golf Outing/Dinner Meeting, Hunters Station**



## ***ASHE Pittsburgh Welcomes the Following New Members...***

**Jeremiah Roehrig**

**Tony Sadaka**

**Ryan Catena**

**Mike Butrice**

**Eileen Botti**

**Darin Hettich**



*To join ASHE Pittsburgh, please contact Dave Mikec, Chairman of the Membership Committee!*

***D.Mikec@gaiconsultants.com***

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## **2016 ASHE National Conference Planning Underway**

Planning has begun for the 2016 National Conference, to be held in Pittsburgh. The Executive Committee began meeting early this year. They held several meetings and are currently on a bi-monthly schedule. As of June of this year, leadership for all of the committees is established. A number of the committees have met and formulated strategies to accomplish their respective goals. With very few exceptions, the 2016 Conference planning is on schedule.

While the leadership roles have been filled, there is still an opportunity to volunteer to help with the 2016 Conference. Involvement time will vary depending on the activity in which you are interested. Some of the various committees will require additional help as they ramp up their efforts. Some of these volunteer needs will be most intensive during the event. If you are interested in helping with the 2016 National Conference, please send an e-mail with your name, company affiliation, and phone number to Kevin Duris or Pat Kane.

Kevin Duris-Conference Co Chair  
Trumbull Corporation



225 North Shore Drive  
Pittsburgh, PA 15212  
412-807-2121  
[kduris@trumbullcorp.com](mailto:kduris@trumbullcorp.com)

Pat Kane-Conference Co Chair  
KCI Technologies



400 Penn Center Boulevard, Suite 305  
Pittsburgh, PA 15235  
412-824-7046, Ext 8201  
[Pat.kane@kci.com](mailto:Pat.kane@kci.com)

# ASHE PITTSBURGH: NOW & THEN

JEFF HANS AND HIS WIFE, NANCY—ATTENDEES AT THE ANNUAL PIRATE OUTING!



**ASHE PITTSBURGH IS GOING SOCIAL....**

**FACEBOOK**

**TWITTER**

**LINKED IN**



## **ASHE Pittsburgh thanks the 2013-2014 Century Club Members**

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A&A Consultants, Inc.  
ACA Engineering, Inc.  
AECOM  
Amelie Construction and Supply, LLC  
American Geotechnical &  
Environmental Services, Inc.  
Arrow Land Solutions, LLC  
Bruce and Merrilees Electric Co.  
BUCHART HORN, INC.  
Cardno TBE  
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CDM Smith, Inc.  
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Frank Bryan, Inc.  
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Golden Triangle Construction Company  
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Michael Baker Jr., Inc.  
Monaloh Basin Engineers  
ms consultants, inc.  
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Pennonni Associates Inc.  
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Consultants, Inc.  
TRC Engineers, Inc.  
TranSystems  
Tri-State Design & Development  
Trumbull Corporation  
W.E.C Engineers, Inc.  
Whitman, Requardt & Associates, LLP



**c/o Jim Weaver**  
**Jeff Zell Consultants, Inc.**  
**2200 Liberty Avenue**  
**Pittsburgh, PA 15222**

***This issue of the Cross Section Newsletter was designed and created by Kathryn Power. To report any corrections, please email [kathrynpower@live.com](mailto:kathrynpower@live.com)***