

Spring 2017

Inside this issue:

- ◆ President's Message
- ◆ Committee List and Contacts
- ◆ ASHE Pirates Game
- ◆ ASHE/Pitt Educational Event
- ◆ Women's Forum – save the date
- ◆ ASHE 2017 Conference NYC
- ◆ Adopt-A-Highway
- ◆ Future Cities Competition
- ◆ January Dinner Meeting
- ◆ February Dinner Meeting
- ◆ CLC Update
- ◆ Civil Engineering Scholarship
- ◆ S.R. 519 Roundabout
- ◆ PDH Committee Input
- ◆ Featured Century Club Members
- ◆ ASHE Member Update
- ◆ New Members
- ◆ Upcoming Events Calendar!

Section Officers 2016-2017

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Maggie Moore, P.E.

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Chuck Nash, P.E.

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Pat Kane, P.E.

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NATIONAL REPRESENTATIVE

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



A Message from the President Maggie Moore, P.E.



Greetings, ASHE Pittsburgh Members!

I hope everyone is having a healthy and prosperous new year. We've almost survived winter and spring is around the corner. It's hard to believe we are planning the remaining ASHE events for the 2016-2017 season! We have a lot of activity in the next three months so please mark your calendars!

The Educational Seminar held at the University of Pittsburgh will be on April 5th featuring Key Note Speaker Brad Heigel from the Pennsylvania Turnpike Commission. We have also recently affiliated with a local Student Chapter that is in the process of forming at the University of Pittsburgh. There will be a social with the student chapter which is a great opportunity to network with students on Wednesday, March 15th.

There have been some other changes we have been working on throughout the year. The Golf Outing will no longer be at Ponderosa Golf Course. We will be playing at Pittsburgh National

this year, so please come out and play the new course with us.

The Pirates Baseball Outing will also return to its original tailgate format thanks to the use of parking spaces at the Clark Building. There will be catered tailgate-style food, family fun, and tours of the dugouts for the kids.

We are also happy to announce that ASHE Pittsburgh will be participating in the second joint-section dinner meeting with Secretary Richards. There will also be a Women's Forum with Secretary Richards on the same day, April 27th. Details regarding both events will be out soon.

Finally, please consider supporting the section by attending the National Conference in The Big Apple, New York City, this June!

Thank you all for supporting ASHE Pittsburgh this year. It has been an honor to serve as your President.



ASHE PITTSBURGH

Committee List and Contacts

President:

Maggie Moore mmoore@foresightcsllc.com

Program Committee:

Marc Garfield
marcgarfield@gibson-thomas.com

Registration:

John Nicholson
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Young Member/Scholarship:

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Adopt A Highway:

Jessica Bladow
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PDH Seminars:

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Community Outreach/Public Relations:

Patty Wardy and Jamie Unger
pwardy@msconsultants.com
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Cross Section Newsletter:

Danielle List
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Recruiting coordination assistance!

Membership Directory/Database: Kevin O'Connor

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Dave Augustine
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Dave Mikec
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Bylaws/Rules/Operations:

Dave Mikec
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Website/Online Registration:

Jason Esser
jesser@jbfayco.com

Recruiting Vice Chair !

Century Club:

Dan Laird
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Sunshine Committee:

Tammy Johnson
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Golf:

Chris Prisk cprisk@Langan.com

Pirate Outing:

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daniel.laird@cdrmaguire.com

Past Presidents' Banquet:

Chuck Nash
cnash@msconsultants.com

Regional Representative:

Kathryn Power
kpower@pa.gov

National Representative:

Brian Krul bakrul@transystems.com





**AMERICAN SOCIETY OF HIGHWAY ENGINEERS
PITTSBURGH SECTION**

**Invites You To Be A Sponsor For The
2017 SPRING GOLF OUTING**

9:00 AM, Friday, May 26, 2017
SHOTGUN START!
Pittsburgh National Golf Club
287 Monier Road
Gibsonia, PA 15044

If your organization is interested in sponsoring a skill prize hole at a total cost of **\$100**, please email Chris Prisk at cprisk@langan.com or call at (724) 514-5154. Sponsorship of the golf outing includes: Tee box placard recognition; Presentation Board during Sign In & Awards; and ASHE Website Golf Page for entire year.

Therefore, we request you provide an electronic image of your corporate logo with your remittance. Please send a **separate check** from golf registration payment, payable to "A.S.H.E.", to the address below:

LANGAN
Attn: Chris Prisk
2400 Ansys Drive, Suite 403
Canonsburg, PA 15317

Thank you for your support. It is appreciated!

(Please Print) Contact Name: _____

Company: _____

Phone: _____ E-mail: _____

**AMERICAN SOCIETY OF HIGHWAY ENGINEERS
PITTSBURGH SECTION
2017 SPRING GOLF OUTING**

<http://www.pittsburgh.ashe.pro/content/annual-golf-outing>

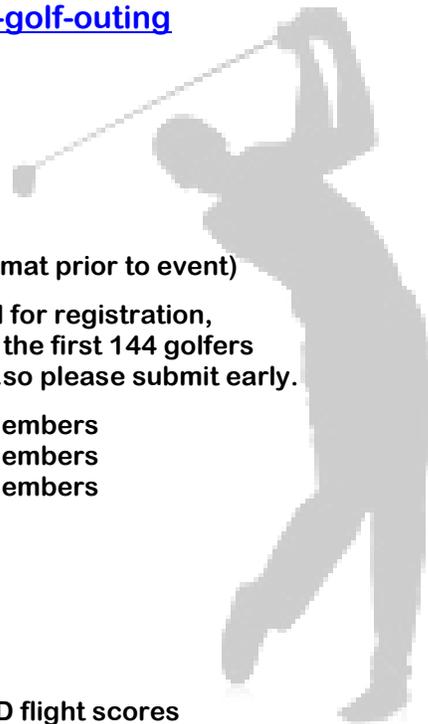
TIME: 9:00 AM, Friday, May 26, 2017 - **SHOTGUN START!**

PLACE: **Pittsburgh National Golf Club – NEW COURSE!**
287 Monier Road
Gibsonia, PA 15044

FORMAT: **Best 1of 4 – Traditional HANDICAP DOTS format**
(See website for additional details regarding scoring format prior to event)

ATTENTION: All golfers must be at the Pro Shop no later than 8:15 AM for registration, pairings, and directions for the SHOTGUN START. Only the first 144 golfers submitting applications (with payment) will be entered...so please submit early.

COST: Golf and Dinner: \$75.00 ASHE Members / \$85.00 Non-Members
Golf Only: \$60.00 ASHE Members / \$65.00 Non-Members
Dinner Only: \$30.00 ASHE Members / \$35.00 Non-Members



- ◆ Coffee, bagels and doughnuts before golf
- ◆ Hot dog and beer/pop after nine holes
- ◆ Snacks, beer and pop during/after golf
- ◆ Buffet dinner at 3:30 PM (all you can eat)
- ◆ Sleeve of balls and goodie bag for every golfer
- ◆ Prize for best team score and individual A, B, C and D flight scores
- ◆ Prizes for “skill” contests on course
- ◆ Many door prizes!!!

NOTE...Handicaps will be computed based on the most recent 3 gross scores logged by each golfer at THIS function (40 max). Those who have never participated or have not since 2003 **MUST** provide handicaps within registration form below. “Last-minute” changes/submissions **WITH HANDICAPS** must be forwarded to cprisk@langan.com or (724) 514-5154 **PRIOR** to 5 pm Wednesday, May 17th in order for substitute’s foursome to remain eligible for **TEAM** prizes and for substitutes to be eligible for A, B, C and D flight prizes.

REGISTRATION FORM

NAME	EMAIL	PHONE	HDCP. (Max. 40)	MEMBER (Y) or (N)	PRICE (see above)

Registration due by Friday, May 5, 2017. - ALL money must accompany registration form.

NO PHONE OR FAX REGISTRATIONS!

TOTAL ENCLOSED _____

- ◆ Choose your own foursome or pairings. **Reminder:** Each foursome must have at least 2 ASHE members!
- ◆ If a foursome is not specified, you will be assigned one.
- ◆ **Refunds cannot be guaranteed after May 5, 2017.**
- ◆ Make checks payable to “A.S.H.E.” and mail to:

LANGAN
Attn: Chris Prisk
2400 Ansys Drive, Suite 403
Canonsburg, PA 15317



ASHE

AMERICAN SOCIETY OF HIGHWAY ENGINEERS

ASHE Pittsburgh / ASHE SW Penn / ASHE Franklin / ASHE Mid Allegheny

Pirate Game and Fireworks Night



versus



Friday June 30th, 2017 7:05 PM

\$40.00

Includes:

Ticket to the game

ASHE Tailgate @5PM in Clark Bar Parking Lot

(Hamburgers, Hotdogs, Chicken, Hot Sausage, Drinks)

Dugout Buddies-First 15 kids to sign up watch
batting practice from the dugout

Face Painting

RSVP by June 16, 2017

Registration information is

Available via the Pittsburgh Section website:

pittsburgh.ashe.pro

Online registration and payment via credit card is
now available through the chapter web-page!

CENTER FOR SUSTAINABLE TRANSPORTATION INFRASTRUCTURE



SAVE the DATE

2017 **TRANSPORTATION** FORUM

Wednesday, April 5, 2017

8:30 a.m. – 3 p.m.

8:30 – 9 a.m. *Coffee and Networking*

9 a.m. – 3 p.m. *Program*

*University Club, Ballroom B
123 University Place, Pittsburgh, PA 15260*

For more information, contact Monica Bell at ENGRevents@engr.pitt.edu

PITT | SWANSON
ENGINEERING



CENTER FOR
**Sustainable
Transportation**
INFRASTRUCTURE

WTS

Advancing Women in Transportation
Pittsburgh Chapter



pennsylvania
DEPARTMENT OF TRANSPORTATION

WOMEN'S FORUM

SAVE THE DATE

April 27, 2017

2:00pm – 4:00pm

The Chadwick
10545 Perry Hwy
Wexford, PA 15090

ASHE Pittsburgh Section Charter Coach Bus for the 2017 National Conference in New York City

Your ASHE Pittsburgh Section Board of Directors have reserved a free chartered coach bus to take conference attendees to (and from) the 2017 ASHE National Conference at the Sheraton New York Times Square Hotel in Manhattan. The preliminary details are as follows:

- ◆ The tour bus will leave Pittsburgh early Wednesday morning, June 14, 2017 and will return on Sunday evening, June 18, 2017.
- ◆ Details on location, parking, departure and return times, will be forthcoming.
- ◆ Only Pittsburgh Section members (with current dues paid) may reserve seats for themselves and spouses, significant others, families.
- ◆ To reserve your seat(s), the Section will ask for a \$50 per member deposit, or \$100 per couple/families. All deposit(s) will be refunded to attendees as they board the bus.
- ◆ Only the first 50 paid reservations will be accommodated.
- ◆ The deadline for reservations is March 14, 2017. If you have any questions, please contact Dave Williams, Transportation Chairman, at dkw2@consolidated.net or (412) 855-4540



ASHE Pittsburgh Adopt – A - Highway

- Where: Campbell's Run Road Interchange (meet @ the Marathon Oil)
- When: Saturday, April 29th @ 9:00 AM
- Questions: contact Jessica Bladow 304-381-4281; jbladow@sse-llc.com



Future Cities Competition

A total of 28 middle school teams participated at this year's Pittsburgh Regional Future City Competition held on January 21, 2017 at the Carnegie Music Hall. The Future City program asks students to design cities with solutions to the problems that we face today. Each year, teams are required to develop a simulation (using SimCity), essay, scale model, and presentation for their future cities. For several years, the ASHE – Pittsburgh Section has awarded \$200 to the team that designs and implements the best transportation system.

This year's winner of the ASHE – Pittsburgh Best Transportation System Award was given to the St. Bede School located in Pittsburgh's Point Breeze neighborhood. Their city, Zumala, was located near the Delta along the Nile River in Egypt. Zumala utilized a maglev train system, electric powered vehicles, and encouraged their citizens to use bikes. In addition, they also offered free or discounted public transit to individuals that volunteered in their community gardens to promote volunteerism in their community.

The St. Bede School was also awarded 1st place in the overall competition. The team will go on to represent the Pittsburgh region at the National Competition in Washington, D.C. on February 21st.





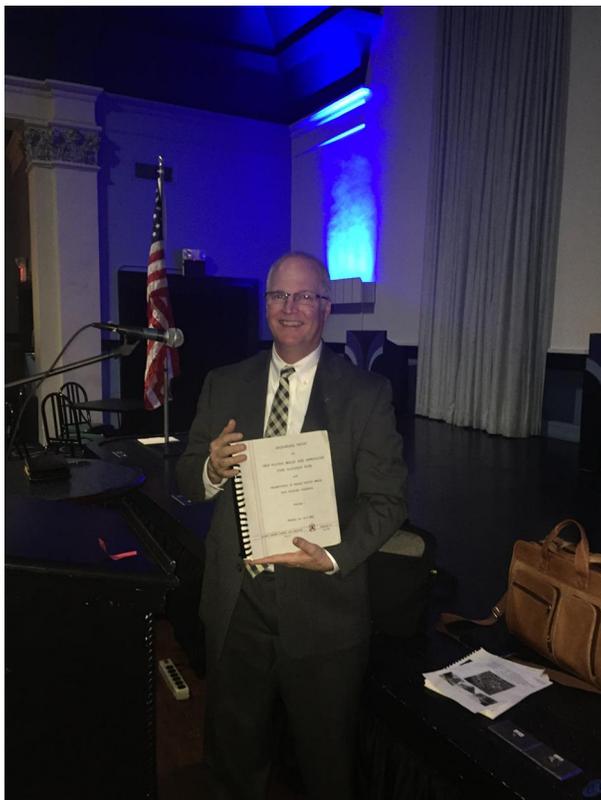
January Dinner Recap

The ASHE Pittsburgh January dinner meeting was held at The Grand Concourse Station Square Pittsburgh. This was another great

event for the 2016-2017 program with 98 guests for the event. The speakers were Katy M. Sawyer, PE from the City of Pittsburgh and Jason J. Borne, PE, ENV SP, LEED AP ND from ms consultants, inc. Katy gave an overview of the city's mobility plan and their recent efforts submitting on the smart cities grant. The City of Pittsburgh continues to look for as many ways as possible to efficiently manage all modes of traffic in and around the city. It was very interesting to hear that only a few cities nationwide have a higher percentage of bicyclists compared to Pittsburgh. Jason gave a great presentation about the Dellrose Street project in Carrick. The Dellrose Street project was innovative since it was the first full-width street reconstruction project using permeable pavers in the City of Pittsburgh. This innovative street design allowed for the preclusion of traditional storm sewer infrastructure while providing flow reduction and esthetic benefits not typically available to traditional reconstruction projects. It was a great time had by all.



February Dinner Recap



The ASHE Pittsburgh February dinner meeting was held at Cefalo's Banquet and Event Center in Carnegie. This was another great event for the 2016-2017 program with 120 guests for the event.

The speaker was Eric Veydt, PE from Gannett Fleming, Inc. Eric gave a great presentation for the Hulton Bridge Project. This presentation was very informative beginning with the history of the structure to the 1961 Feasibility Study and finally the current design and construction. The bridge was opened in 1908 at a time when there were a small number of cars and only 144 miles of paved roads in the United States of America. The 1961 Feasibility Study was very thorough and included alternatives and recommendation very similar to what would be done today. The 1961 study investigated alignment options and included four new interchanges and a future connection to Route 28. The current design required additional effort to justify widening the bridge from two lanes to four lanes which resulted in a 30% improvement in travel time within the project area. The proposed bridge renderings including color options that was presented at several public meeting so there was consensus on the final product. The bridge was opened to traffic on October 20, 2015 with demolition of the old bridge completed on January 26, 2016. The project was selected as ASHE Pittsburgh Project of the year for projects totaling greater than \$15,000,000.00. Additional thanks to Bo Smith who donated part of the 50/50 winnings to the ASHE Pittsburgh Scholarship Fund. It was a great time had by all.





Construction Legislative Council of Western Pennsylvania Update

The CLC met on November 11, 2016 and January 20, 2017 meeting items of interest:

11/11/16 – Speaker: Tom Baker, Allegheny County District 1

1/20/17 – Speaker: Brad Heigel, P.E. Chief Engineer, Pennsylvania Turnpike Commission

2/17/17 – Speaker: Samuel Demarco III, Allegheny County Councilman-at-Large

3/17/17 – Speaker: Jason Ortity, Representative of the 46th District

- **Repeal Pennsylvania's Act 44:** The transportation funding law threatens to bankrupt the turnpike or devastate mass transit, neither of which is a happy prospect. By Jim Mall

<http://www.post-gazette.com/opinion/Op-Ed/2016/12/18/Repeal-Pennsylvania-s-Act-44/stories/201612180042>

- HCO 180 by Rep. John Lawrence (R) Reduces and eliminates the payments from the PTC to mass transit over the next few years, putting the Turnpike on a more financially sustainable path.

<http://www.legis.state.pa.us/cfdocs/Legis/CSM/showMemoPublic.cfm?chamber=H&SPick=20170&cosponId=21274>

- Proposed Pennsylvania Budget for the 2017-2018 year, Governor Wolf has proposed reducing the State Police share of the Motor License Fund. If accepted by the General Assembly, this could free an additional \$63 Million Dollars for state funded transportation work and reduce the fund's support for State Police operations to \$739 Million. *The 2016-2017 budget diverted \$802 Million Dollars to the State Police.*
- As for the reduction to the State Police these funds will be recovered with a \$25 per person fee that would be levied on residents who live in municipalities that rely on state police instead of local or regional law enforcement. The proposal is part of a \$32.3 billion budget that Governor Wolf says does not call for any broad-based tax increases and represents approximately \$2 Billion Dollars in savings and cuts.

To voice your position on Transportation Funding Issues, find your local PA Legislator here:

<http://www.legis.state.pa.us/cfdocs/legis/home/findyourlegislator/index.cfm>

\$2,500 SCHOLARSHIP CIVIL ENGINEERING

The Pittsburgh Section of the American Society of Highway Engineers (ASHE) is pleased to announce a scholarship program for the 2017-2018 academic year. *Interested students shall complete the attached application and submit all necessary documents by March 20, 2017 to:*

ASHE
c/o Jim Weaver
ATTN: Scholarship Committee
Zell Engineers, Inc.
2200 Liberty Avenue
Pittsburgh, PA 15222

Applications may also be submitted digitally, by scanning completed and signed forms and email to hcessna@pa.gov.

AWARD

The amount of the scholarship will be \$2,500.00. A runner up scholarship will be \$500. The students selected for the scholarships will be announced and recognized at the May 2017 ASHE dinner meeting.

ELIGIBILITY

The applicant must be a citizen of the United States whose home residence is in Allegheny, Beaver, Butler, Lawrence, Washington, or Westmoreland County, Pennsylvania. Students residing outside of these counties are eligible if a member of the Pittsburgh section of the American Society of Highway Engineers sponsors them. The applicant must have at least sophomore status during the Spring 2017 semester in a program leading to a Bachelor of Science Degree in Civil Engineering. The applicant must have at least one (1) 12 credit semester of school beyond Spring 2017 before graduation. Anyone who has received this award in the past is not eligible.

SELECTION OF AWARDEE

The scholarship will be awarded based on the recommendation of the Scholarship Committee. Applicants will be judged equally based on Scholastic achievement, Letter of Recommendation, Extra Curricular Activities, Honors/Awards and Written Essay.

S.R. 519 Roundabout

In a region like western Pennsylvania, where highways meander between mountainous areas, maintaining safe highway connectivity can require an innovative approach. An example of this is the reconstruction of the intersection of S.R. 519 with S.R. 1055 in North Strabane Township, Pennsylvania.

S.R. 519 is a minor arterial that functions as a shortcut between I-79 and I-70, south of Pittsburgh. S.R. 519 intersected S.R. 1055 at a severely skewed angle. A right turn was required to continue traveling on S.R. 519 southbound. The intersection did not safely and efficiently accommodate traffic, resulting in significant congestion during peak periods and a history of crashes. The intersection operated at Level of Service F during both morning and evening peak periods.

To address these operational and safety challenges, the Pennsylvania Department of Transportation (PennDOT), with the assistance of Michael Baker International, developed a plan to upgrade this intersection. After a detailed alternatives evaluation, the selected improvement separated the skewed intersection into two separate “tee” intersections controlled by multilane roundabouts,

The project provides acceptable operation for traffic through design year 2036, improves route continuity for S.R. 519, provides continuous flow for the predominant traffic movement between S.R. 519 and S.R. 1055, and improves safety by reducing vehicle conflicts and eliminating the potential for high-speed angle crashes.

An Innovative Design Solution

Reducing congestion and improving connectivity between S.R. 519 and S.R. 1055 were high priorities. The project team evaluated several alternatives, including two signalized intersections, a signalized intersection combined with a roundabout, and a single oval roundabout. While each alternative improved capacity and safety, the two signalized intersections had a larger overall footprint; the signalized intersection combined with a roundabout left the potential for queuing from the traffic signal into the roundabout; and the oval roundabout had inferior geometry. The innovative dual roundabout offered improved operational and safety performance while minimizing the project footprint and impacts. The success of this dual roundabout design can serve as a valuable model for other intersections with similar traffic issues.

Design Challenges...and Solutions

While the dual roundabouts effectively solved the operational and safety issues, the design posed challenges in maintaining access to properties within the project area. Three areas required innovative access solutions that allowed the roundabouts to be constructed without acquiring additional property.



*S.R. 519/S.R. 1055
Roundabouts – Overhead View*



*S.R. 519/S.R. 1055
Roundabouts – Looking North*



Finishing Concrete Apron at Roundabout 1

The grading of Roundabout 1 adversely affected two driveways. Connecting the driveways to the new roadway would have created undesirable grades, especially during winter weather conditions. The solution was to retain a portion of the existing S.R. 519 pavement as a cul-de-sac street to serve the two properties.

A long driveway serving three residences intersected within the limits of Roundabout 2. The solution was to design the operation of the driveway with forward in and forward out vehicle movement, allowing it to intersect directly onto the roundabout circulatory road. This location also allows simplified left turns out of the driveway, as the residents can simply make U-turns via the roundabout.

The third access challenge involved a driveway within the limits of the splitter island that was used by triaxle dump trucks with lowboy trailers. The turning parameters of these vehicles, the proximity to the roundabout, and vertical grade differences required creative design of a substantial driveway to serve these vehicles. Right-of-way acquisition involved 13 parcels, including negotiation of driveway accesses, by Highland Professional Consultants, Inc.

Utility impacts were extensive; virtually every utility within the corridor had to be replaced or relocated. Relocations included major aerial lines, 30-inch and 12-inch water lines, a telephone communication cabinet, and two gas lines were replaced. The project team coordinated closely with utility companies during design and construction. Raudenbush Engineering, Inc., which provided utility coordination and surveying, worked closely with the utility companies to determine private status and substitute right-of-way as required.

In addition, the project crosses a tributary to Chartiers Creek, requiring stormwater and bioretention basins to control the quantity and quality of stormwater runoff. The project also fronts a steep slope, limiting room to maintain traffic while still providing adequate work areas for the contractor. Raudenbush's complex, phased erosion and sedimentation control plan successfully addressed challenging runoff and erosion control issues.

Finally, the environmental investigation for this project revealed a documented archaeological site. The project team worked closely with stakeholders throughout planning, design, and construction to document and preserve the area's cultural resources.

Complex Construction Sequencing

To maintain traffic during construction, the roundabouts had to be constructed in five integrated phases. Phase 1A was off-line construction that included the western portion of a 78-inch reinforced concrete pipe at Roundabout 2; stormwater and bioretention basins 1 and 2; the removal of a township road; and construction of a portion of Roundabout 1, S.R. 519, and S.R. 1055. All work was performed while maintaining traffic on existing S.R. 519.



Paved Intersection at Roundabout 1



S.R. 1055 Approach at Roundabout 1



*S.R. 519/S.R. 1055
Roundabouts – Looking South*

Phase 1B included the completion of Roundabout 1 and S.R. 1055 (Brownlee Road); continued construction of S.R. 519, including temporary paving to maintain traffic during Phase 1C; and initial construction of Roundabout 2, including temporary paving to maintain traffic in Phase 3. Phase 1C then shifted traffic onto completed S.R. 1055 and completed Roundabout 1, using one lane while continuing construction on S.R. 519 and S.R. 1055 (Thomas Eight-Four Road).

Phase 2 included completion of the 78-inch reinforced concrete pipe under Roundabout 2 and continued construction on S.R. 519 and Roundabout 2. Phase 3 included completion of Roundabout 2 and S.R. 519 and all driveway accesses. Phase 4 was a final bituminous wearing course over all roadways, after which the project was opened to traffic, using one lane through the roundabouts during the winter to familiarize the public with their operation. The roundabouts were then opened to multiple lanes, which are operating successfully.

Project Success

Because of the turning traffic patterns, the roundabouts provide the least traveler delay and the smallest project footprint. The half-mile queue that occurred during every morning and evening peak period has been completely eliminated. Even with continued development in the vicinity, the roundabouts are anticipated to provide acceptable operation well beyond their 20-year design life.

The use of roundabout intersection control also provides the best safety performance of any intersection type. The low-speed environment created by the horizontal roadway geometry forces all vehicles to slow down to navigate the intersections. The elimination of crossing vehicle paths and the separation of the X-shaped intersection into two separate intersections reduces vehicle conflict points and the potential for crashes.

While function was the primary focus, the project was also designed to fit seamlessly into the environment. The roadway alignments and curvilinear geometry of the roundabouts blend into the adjacent topography. Future landscaping by North Strabane Township will further improve the appearance of the intersections, providing a gateway into the heart of the township.

PDH Committee Input



The PDH Committee solicits, reviews, and distributes PDH learning credits for technical sessions. We also store this information in case of audit. This is a benefit for our membership. PDHs can be acquired at dinner meetings or at one of our Technical Events. A planned Technical Event for the year is the Transportation Forum at the University of Pittsburgh. These learning events are helpful in keeping up to date on the latest topics while giving you a chance to network.

If you have any ideas or suggestions for PDH sessions or would like to present a topic to the group please contact Chuck Nash (cnash@msconsultants.com or 412-264-8701).

Featured Century Club Members

Stahl Sheaffer Engineering
5000 Waterdam Plaza Drive, Suite 120
McMurray, PA 15317
Phone: 724-960-1111
Contact: Rachel Rzymek
Email: rzymek@sse-llc.com

STAHL SHEAFFER
ENGINEERING

Principals: Aaron Fayish, Jeffery Sheaffer, Rod Stahl

Type of work performed: Site, Survey, Traffic, Environmental, Structures, Inspection

Geotechnical lab specializing in Full Depth Reclamation, and Cold-in-Place Recycled asphalt designs.

RETTEW Associates, Inc.
One Robinson Plaza, Suite 200
Pittsburgh, PA 15205
Phone: 412-446-1728
Contact: Jennifer Bertoni
Email: jbertoni@rettew.com



Principals: Mark Lauriello President, Jeff Case

Type of work performed: Design, Natural Sciences, Safety Services, Survey,

Geosciences and Environmental Engineering

Michael Baker International
100 Airside Drive
Moon Township, PA 15108
Phone: 412-269-6300
Contact: Greg Cerminara
Email: gcerminara@mbakerintl.com

Michael Baker
INTERNATIONAL

Principals: Brian Lutes CEO, Dale Spaulding COO

Type of work performed: Planning, Environmental Assessment, Engineering Analysis and Design,

Construction Management and Inspection, and Facilities Maintenance

M.A. Beech Corporation
801 W. Main Street
Carnegie, PA 15106
Phone: 412-276-7199
Contact: DJ Krapf
Email: djkrampf@mabeech.com
Principals: Michael Beech



Type of work performed: Transportation Construction Inspection, Construction Management

ASHE Member Update

Condolences are given to Pittsburgh ASHE Member Rich Krajcovic Jr. and his family, as his father, Richard Krajcovic, passed away on February 12, 2017.

Anyone who has any information about members of ASHE, such as births, deaths, marriages, registrations, etc. are asked to email the information to Ron Todorowski at forthepr@yahoo.com if they would like

Welcome New Members!

We would like to invite new members to join the Pittsburgh Section. To join ASHE Pittsburgh, please contact Dave Mikec, Chairman of the Membership Committee! D.Mikec@gaiconsultants.com

February New Members:

Melanie Berry

Jason DeFlicht

Bradley Dicola

Join or Renew your Century Club Membership

ASHE Pittsburgh Century Club Members:

Your contribution of \$150 will ensure that your company continues to 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 your 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. 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.

For more information, contact Daniel Laird at Daniel.Laird@CDRMaguire.com or 412-235-9466.

Mark Your Calendars

Upcoming ASHE Pittsburgh Events

March 15, 2017— Student Chapter Social, University of Pittsburgh

April 5, 2017 — Educational Seminar / University of Pittsburgh

April 27, 2017— Women's Forum

April 27, 2017— Joint Section Meeting with Secretary Richards

April 29, 2017 — Adopt A Highway / Campbells Run Rd Interchange

May 12, 2017— Young Members Joint Social, Shadyside Saloon

May 16, 2017 — Pittsburgh Section Dinner Meeting/ Narcissi Winery

May 26, 2017 — Golf Outing/ Pittsburgh National Golf Course

June 14-17, 2017 — National Conference / New York City

June 30, 2017— Pirates Outing

Get ASHE Updates on social media

via ASHE contact Patty Wardy at
pwardy@msconsultants.com



Facebook: <http://facebook.com/ASHEPittsburgh>



Twitter: @ASHEPittsburgh



LinkedIn: ASHE Pittsburgh

ASHE Pittsburgh thanks the 2016-2017 Century Club Members

A. Morton Thomas & Associates, Inc.	Greenman-Pedersen, Inc.	Pennoni Associates Inc.
A&A Consultants, Inc.	Gulisek Construction LLC	P. Joseph Lehman, Inc.
ACA Engineering, Inc.	HDR Engineering, Inc.	Rettew
AECOM	Hill International, Inc.	RIG Consulting
Amelie Construction and Supply, LLC	HRV Conformance Verification	Romualdi, Davidson & Associates, Inc.
American Geotechnical & Environmental Services, Inc.	Associates, Inc.	SAI Consulting Engineers, Inc.
Arrow Land Solutions, LLC	H.W. Lochner, Inc.	Skelly and Loy, Inc.
Bruce and Merrilees Electric Co.	i+iconUSA (Fay)	Stahl Sheaffer Engineering, Inc.
Buchart Horn, Inc.	Jeff Zell Consultants	Stantec
Burns Engineering	Johnson, Mirmiran & Thompson, Inc.	STV, Incorporated
Cardno TBE	Joseph B. Fay Co.	Sucevic, Piccolomini & Kuchar Engineering, Inc.
Carmen Paliotta Contracting, Inc.	KCI Technologies Inc.	Traffic Planning & Design, Inc.
CDM Smith, Inc.	Lane Construction Corporation	Trans Associates Engineering Consultants, Inc.
CDR Maguire, Inc.	Larson Design Group	TranSystems
Constructors Assoc. of Western PA	L.R. Kimball	TRC Engineers, Inc.
David E. Wooster and Associates, Inc.	M.A. Beech Corporation	Trumbull Corporation
Dawood Engineering, Inc.	Mackin Engineering Company	Urban Engineers
Earth, Inc.	Management Engineering Corp.	WBCM, LLC
East Jordan Iron Works	Markosky Engineering	Whitman, Requardt & Associates, LLP
Erdman Anthony	McCormick Taylor, Inc.	WSP Parsons Brinckerhoff
Fisher Associates	McTish, Kunkel & Associates	
Foresight Construction Services, LLC	Michael Baker International, LLC	
Frank Bryan, Inc.	Monaloh Basin Engineers	
GAI Consultants, Inc.	Mott MacDonald, LLC	
Gannett Fleming, Inc.	ms consultants, inc.	
Gibson-Thomas Engineering Co., Inc.	Navarro & Wright	
Golden Triangle Construction Company	Parsons	
	Penn Line Service, Inc.	



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