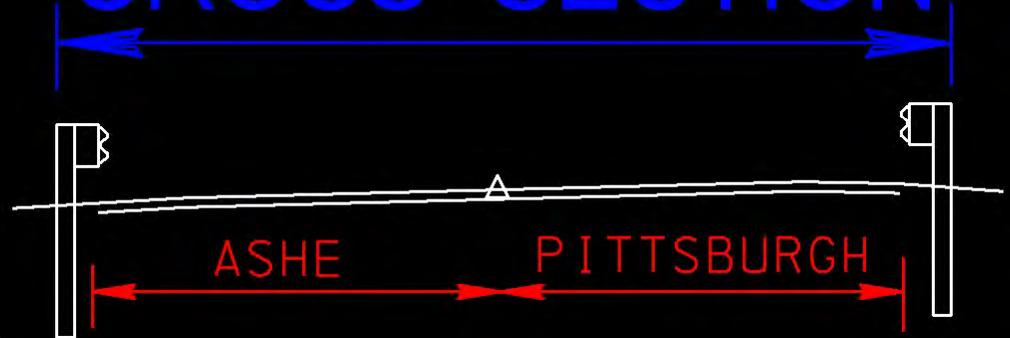




CROSS SECTION



Section Officers 2013-2014

PRESIDENT

George Zboyovsky, P.E.

FIRST VICE PRESIDENT

Kathryn Power, P.E.

SECOND VICE PRESIDENT

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

SECRETARY

Jim Weaver, Jr.

TREASURER

Jerry Pitzer, P.E.

1 YEAR DIRECTORS

Paul Boggs, EIT

Pat Kane, P.E.

Frank Mayer, P.E., P.T.O.E.

Dave Williams, P.E.

2 YEAR DIRECTORS

H. Daniel Cessna, P.E.

Marc Garfield, P.E.

David Mikec, P.E.

Maggie Moore, P.E.

3 YEAR DIRECTORS

John Lepri, P.E.

Chuck Nash, P.E.

John Nicholson, P.E.

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

IMMEDIATE PAST PRESIDENT & REGIONAL REPRESENTATIVE

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



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ASHE
AMERICAN SOCIETY OF HIGHWAY ENGINEERS
PITTSBURGH SECTION



*I*t seems like only yesterday that I drafted my “Introduction Article” for the newsletter. I guess the saying is true, “time flies when you are having fun!” This truly summarizes my time serving as President of ASHE Pittsburgh.

As my last President’s article, I would like to chronicle the year’s achievements of the Section and say thank you for those who have helped make this year such a successful one.

The year started out with my preparing and presenting of the annual section budget. This chose to be very challenging as I found that recent Past President Brian Krul was trying to invest the funds at the River’s Casino, particularly the craps tables! I was left with a shoe box full of I.O.U’s and phone calls from some vendor who owns “Fat Tony’s Cement Shoes”. Lucky for me I use to test concrete and ended up with a part time job. Go figure. After getting that straighten out, the Board approved a 2013/2014 Budget of \$85,875.00. (hope to turn over a few dollars and some of Brian’s I.O.U’s to Kathryn.)



Speaking of the Budget, our current Section Treasurer, Jerry Pitzer was a huge help throughout this process as with his role in keeping the books straight. His organizational knowledge is one of our greatest assets.

We continued the recent practice of moving our meetings to different venues. Our meetings were kicked off with the annual Oktoberfest featuring our favorite PennDOT speaker Cheryl Moon-Sirianni (no offense Dan). The Penn Brewery was gracious to host our organization again. Even though it was extremely hot, I believe this event was another success and due to the increase in attendance, we have outgrown this location and will be looking for another Venue to host this annual meeting. Program Chairmen, Paul Boggs is already looking for some different venues for next year. Paul was instrumental in all of the meetings throughout the year. Keeping the locations interesting as well as the speakers. I believe this helped with having one of the best years in meeting attendance. In addition to the widely successful Oktoberfest meeting and year ending Narcisi Winery meeting featuring another PennDOT favorite in Jim Foringer, we had a joint meeting with ASCE at the Pittsburgh’s Engineer’s Society. Let’s not forget John Nicholson who handles the registration and collections for each and every one of these meetings. He informed me that next year he will be acquiring the help of said “Fat Tony” to help with collections.

Incoming Section President, Kathryn Power didn’t waste time demonstrating what kind of Section President she will be with her organizing of the Past President’s Banquet held at the prestigious Oakmont Country Club. The location was great, the food was excellent, and the entertainment was.... entertaining! Frank Mayer did another great job chairing the Awards Committee and of course what would we do without Nancy Vandling and the work she puts in preparing the awards.

Incoming 1st Vice President Anthony Castellone will have his work cut out for him as he tries to surpass last year’s event. Although, the Rivers Casino should make for a great venue (October 18th, 2014). (Anthony, are you related to Fat Tony by chance? Perhaps you can help with some of Krul’s I.O.U.s?)

I am confident that this year's PPB will be another success as was this past year's Education Seminar held in March which Anthony was Chairperson on that Committee. I always say that the Second VP has it the toughest with planning both the Education Seminar and PPB. Chuck Nash as Chair of the PDH/ Technical seminar was vital to assist us in achieving those 12 PDH's a year by organizing the PDH seminars.

Our Young Member and Scholarship Chair Dan Cessna had a busy year with promoting the organization. With initiating the discounting pricing for students and younger members, the highly successful joint Young Member event at the Steel Cacutus, and most importantly the establishing of a second ASHE Scholarship this year. One just needs to look around the room during a meeting and see all of the grey hair, and realize how important it is that we focus on the next generation. Thanks Dan.

I believe this is a primary reason we surpassed our goal of new member in 2013/2014 with 53. This and the work of membership Chair, Dave Mikec relentless promoting the organization to new members. His ideas for attracting new members appear to be working. John Lepri then has the task to make sure all of these new members are put into our data base and directory.

Maggie Moore also demonstrated her commitment to the young future engineers and future ASHE members as she trekked to various schools and spoke to students. I have done this in the past and it is rewarding to see the faces of these students when you show them examples of plans and engineering projects. (or perhaps it the free mechanical ASHE pencils we hand out.)

Another major accomplishment which was continued from the previous year was the updating of the Section's ByLaws. Dave Williams headed this arduous task and after a lot of discussion, a few drafts, and edits, they were sent to ASHE Regional where they were subsequently approved.

Marc Garfield coordinated the annual Adopt-A-Highway in April this year with a few more members coming out to join him. John Havel who pulled together the Newsletters and sent out those Email Blasts to keep us aware of all of these events. Jim Weaver for taking great meeting minutes which I used to draft this article.

Of course, one of my favorite events, the annual golf outing was a huge success this year lead by Chairman, Chris Prisk and his committee. Much better job with the weather this year than the 40 degrees during last year's outing.

I guess what I am trying to say, is thank you to all of the Board members and Committee Chairs who took an active part in the Section. Many of you are so busy but still find time to attend the Board meetings and dinner meetings. I hope my year has been a stepping-stone for Kathryn and Anthony, and those who follow, to continue building the ASHE Pittsburgh Section. A true heartfelt thanks also to all of you who attend the meetings and various ASHE events.

See everyone at the Rivers on October 18th for the PPB!



2014 ASHE Pittsburgh Golf Outing



Winning Teams

1st Place—Score of 46

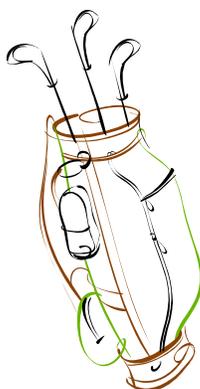
Randy Seaver, Jerry LaMendola, Glen Stickel, Rich Kauffman

2nd Place—Score of 47

Brian Krul, Bob Collins, George Zboyovsky, John Pisula

3rd Place—Score of 48

Bob Nedzesky, Andy Nedzesky, Mason Young, Bill Young



Individual Winners

A Flight—John Tricini

B Flight—Brian Bohenic

C Flight—Bob Collins

D Flight—Randy Seaver



To view more golf outing photos and see the list of our event sponsors, please visit the ASHE golf outing website:

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



ASHE Pirate Game Outing

August 9, 2014



Pittsburgh Pirates
vs.
San Diego Padres
7:05 PM Game
Tailgate at 4 PM
In Gold Lot 3

Includes:

- ◇ Game Ticket
- ◇ Fireworks after the game
- ◇ Dinner by Calabria's
- ◇ Drawings for door prizes
- ◇ Games for the kids
- ◇ Free Parking in Gold Lot 3

For additional information, contact
Dan Patterson at :
djp@mackinengineering.com or
(412) 788-0472

To register, please complete the following section & mail to: Mackin Engineering Company

Registration deadline is July 18, 2014

ASHE Member Name:

ATTN: Dan Patterson
RIDC Park West
117 Industry Drive
Pittsburgh, PA 15275

Address: _____

Email: _____

Number of Adults: _____ X \$45 = _____

Number of Children (under age 12): _____ X \$25 = _____

Total Amount Enclosed \$ _____

How many parking passes are needed? _____

On the back side, please list the age and gender of children attending.

Bridges To Prosperity—Building a Better Future

By: Kimberly Conley and Hannah Fernau

Bridges. They link two places together, giving us the freedom to move from Point A to Point B, but in developed countries, people usually take bridges for granted. People living in isolated rural communities are still affected by obstacles such as rivers and ravines which they must circumvent to reach the next town; a bridge can mean the difference between life and death. Bridges to Prosperity (B2P) is a national non-profit organization whose goal is to build footbridges, giving people improved access to healthcare, education, markets, and other opportunities. In the spring of 2013, a group of students at the University of Pittsburgh started a B2P chapter. What better place than Pittsburgh, the City of Bridges, to start a new chapter of an organization that designs and builds bridges abroad?

Last year our chapter was working to become established at Pitt before tackling a project overseas. However, we hope to be able to start a project this upcoming school year which will likely be in Panama. As a university team, we will be tasked with designing a suspended footbridge using the provided technical manuals based on survey data and conversations with community members during site assessments. Throughout the process, our design is reviewed by Bridges to Prosperity's technical advisory board, who ultimately approves the final design and construction plan. During the summer, we will travel to our site and help the community build their bridge.

Last September, some members of our chapter were able to attend the first annual Bridge Builder Conference in Tennessee to learn about bridge building techniques as well as network with members of other chapters. During the conference, we heard many stories of groups' challenges and successes. One of the most inspiring stories was about the University of Iowa's team completing a bridge over a canyon in Nicaragua while living in tents on opposite sides of the river. It is hard to believe that in a few years, there will be a link between a group of Pitt students and community members of a rural village. In the end, such connections are what Bridges to Prosperity is all about. We are not only building a physical bridge; we are building a bridge between two sets of people and cultures that will last longer than a lifetime and hopefully empower the communities we work with to build their own bridges. We also won the zip-line challenge sponsored by B2P and Foxfire Mountain, in which we were asked to design an excel spreadsheet to help Foxfire design their zip-lines and know when to engage the braking mechanism.



To learn more about Bridges to Prosperity, please visit www.bridgestoprospersity.org. If you or your firm is interested in the opportunity to help or support B2P Pitt, or if you have any questions, please email b2ppitt@gmail.com.

If you are interested in becoming involved in other ways, we also welcome community members as associate members of our organization.

2014-2015 Board of Directors

At the May 14, 2014 meeting, George Zboyovsky conducted the election of the 2014-2015 officers. The following members have been elected to serve on the board for the term beginning June 1, 2014-May 31, 2015.

PRESIDENT

Kathryn E. Power, P.E.

IMMEDIATE PAST PRESIDENT

George Zboyovksy, P.E.

FIRST VICE PRESIDENT

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John Nicholson, P.E.

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3 YEAR DIRECTORS

Jason Esser, P.E.

Pat Kane, P.E.

Dave Williams, P.E.

Jamie Unger, E.I.T.



Adopt A Highway

Spring 2014

ASHE Pittsburgh held its annual spring clean-up of the Campbells Run Road Interchange on Saturday April 26, 2014. Thanks for the continued support of the ASHE Pittsburgh Section.



Volunteers pictured from left to right: Doug Lang, John Lang, Sally Lang, Bob Stitchick, Bill Athanas, Cliff Elicker, Tom Johnson, Anthony Castellone, and Kathryn Power.



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.

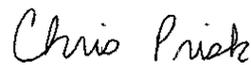
Please send your Century Club check for **\$150 payable to ASHE Pittsburgh Section** to:

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



ASHE-PITTSBURGH SECTION'S ANNUAL OUTSTANDING HIGHWAY ENGINEERING AWARD

ELIGIBILITY

Any public/private organization engaged in the practice of highway and transportation engineering/construction in Western Pennsylvania is eligible to enter the awards program

GENERAL CRITERIA

Entries must be submitted to ASHE through a member of the Pittsburgh Section.

1. Projects entered in the competition must be within a 125-mile radius of Downtown Pittsburgh.
2. Construction of projects must have been substantially completed between January 1, 2013 and December 31, 2013.
3. Each entry must be prepared in accordance with these Criteria (Page 1) and Entry Form (Page 2). Non-compliance with the rules will automatically disqualify an entry.
4. See page 3 of this application for the **Rating Guidelines**
5. Entries, including photographs, submitted for judging in the competition will not be returned.
6. Firms may submit more than one entry.
7. The ASHE Awards Committee reserves the right to determine eligibility of all entries.

SUBMISSION

Send the original and four (4) copies to:

David K. Williams, P.E.
c/o Michael Baker Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

AWARDS

The owner, the designer and the contractor of the winning entry will receive a plaque acknowledging their achievement. Additional plaques may be purchased.

The awards will be presented at the Past Presidents' Banquet on Saturday October 18, 2014

CATEGORIES

Any highway/transportation construction project within the following construction cost categories.

CATEGORY A:

\$5,000,000 or less

CATEGORY B:

Greater than \$5,000,000 but less than \$15,000,000

CATEGORY C:

Greater than \$15,000,000

JUDGING

Entries will be judged on the basis of the work performed by the entering firm only and according to the listed Rating Guidelines shown on page 3.

DEADLINE for entries is July 7, 2014. Entries received after July 7, 2014, at 2:00PM will NOT be accepted.



ASHE-PITTSBURGH SECTION'S ANNUAL OUTSTANDING HIGHWAY ENGINEERING AWARD

OFFICIAL ENTRY FORM

Please furnish all information requested below for each entry.

PROJECT NAME: _____
(limited to 40 characters)

Location: _____

CATEGORY:

A. \$5,000,000 less

B. Greater than \$5,000,000 but less than \$15,000,000

C. Greater than \$15,000,000

Entering Firm's Name(s): _____

Address: _____

City: _____ State: _____ Zip: _____

Name/Title of Principal: _____

Signature of Principal: _____

**Name of individual contact within
Firm if different from principal:** _____

Title: _____

Phone: _____ Fax: _____

E-Mail: _____

Owner Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contractor Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Budgeted Construction Cost: \$ _____

*Actual Construction Cost: \$ _____

Scheduled Project Completion Date: _____

**Actual Project Completion Date: _____

*Provide explanation if difference between budgeted and actual is greater than 10%

**Note: This is the date the project was substantially completed and must be between January 1, 2013 and December 31, 2013



ASHE-PITTSBURGH SECTION'S ANNUAL OUTSTANDING HIGHWAY ENGINEERING AWARD

Annual Outstanding Highway Engineering Awards Evaluation and Rating Guidelines

Each project submitted should address (and will be rated on a scale of 1-10) for the following criteria:

New application of Existing Techniques/Originality/Innovation

Does the project include unique or different techniques, materials, or equipment?

Technical Value to Engineering Profession

Does the entry advance the state-of-art or state -of-practice of engineering construction?

Social/Economic Considerations

Does the entrant's solution bring into play secondary benefits (i.e., are additional benefits realized as a spin-off)?

Does the entrant's role provide society with any useful advancement of social or economic benefits?

Is the public health, safety or welfare enhanced as a result of the entrant's role in the project?

Complexity

Does the entry involve very complex criteria?

Were extraordinary problems of site, location, hazardous conditions, project requirements or similar elements present?

Does the entry require out-of-the-ordinary technology or ingenuity?

Meeting and Exceeding Owner's/Client's Needs

Is it an economical and cost-effective solution?

How did the final cost relate to original budget estimate and client's schedule?

How closely does the entrant's solution meet the total goals of the owner/client?

Does the entry meet and justify its original concept?

Safety

Discuss and explain improvements to safety

Submission Format:

The project narrative should not exceed 1500 words

Clearly explain the roles of all consultants on the project

Use a maximum of ten (10) photos, with captions, reflecting unique features of the project

Provide five (5) bound copies

Provide a CD or DVD of the photos used in PDF format

Any supplemental brochures, articles, etc., will not be considered

None of the submitted material will be returned

Featured Century Club Members

ACA Engineering, Inc.
40 Western Avenue
Pittsburgh, PA 15202

Phone: 412.761.1990

Contact: Thomas R. Beatty, P.G.
Email: tbeatty@acaengineering.com

Principals: Thomas R. Beatty, P.G., Michael G. Suchar, P.E.

Type of work performed: Geotechnical engineering, Construction inspection, Materials testing, Environmental engineering, Civil engineering



McCormick Taylor
Seven Parkway Center, Suite 700
Pittsburgh, PA 15220

Phone: 412.922.6880

Contact: Ty Murko, P.E.
Email: tmurko@mccormicktaylor.com

Principals: Jim Wiggans, Patrick Guise

Type of work performed: Engineering consulting firm specializing in areas of transportation design such as: alignment design, structure design, environmental mitigation, traffic operations, drainage, erosion & sedimentation pollution control, public involvement, etc.



McTish, Kunkel & Associates
400 Penn Center Blvd, Suite 600
Pittsburgh, PA 15235

Phone: 412.824.2910

Contact: John J. Porter (Jack)
Email: jporter@mctish.com

Principals: Matthew P. McTish, David J. McTish

Type of work performed: Engineering design, Construction management and inspection, Environmental, Survey



Jeff Zell Consultants, Inc.
2200 Liberty Avenue
Pittsburgh, PA 15222

Phone: 412.288.9995

Contact: Jim Weaver
Email: jweaver@zellengineers.com

Principals: Jeff Zell, Mahiru Shettima, Ken Urbanec, Jim Weaver

Type of work performed: Full service engineering company specializing in geotechnical engineering, construction management, quality assurance and quality control construction inspection, construction materials testing and inspection



JEFF ZELL CONSULTANTS, INC.
Engineering, Construction Management, Testing and Inspection

SR 0019 SECTION A13

WEXFORD FLATS SAFETY IMPROVEMENT PROJECT

Township of Pine and Town of McCandless, Allegheny County, Pennsylvania

Written by: *Eric Meyer, P.E., Vice President, Whitman, Requardt & Associates, LLP
ASHE Member, Pittsburgh, Franklin, and Southwest Penn Chapters*

For PennDOT and the 28,000 vehicles that travel the SR 19 Wexford Flats corridor every day, the need for less congestion, better traffic flow, and most importantly safety, was paramount for improving one of the region's most notorious areas for congestion and crashes. In an era of seeking smart transportation solutions that first attempt to address such issues without adding expensive infrastructure, widening was the only viable option for relieving poor conditions for area residents, commuters, and businesses on this densely-developed suburban corridor.

With valuable input from the municipalities and local businesses, PennDOT District 11-0 and design consultant Whitman, Requardt & Associates (WR&A) transformed this 2.33-mile stretch of a four-lane artery into a safer, more easily traversable corridor that supports area drivers, local businesses, and future economic growth. The center turning lane makes negotiating turning movements easier, and pedestrian accommodations provide safe and accessible passage by foot.

From Concept to Design

The original idea proposed for the corridor - a barrier-divided four-lane roadway with restricted turns only at lights - caused a public outcry that this configuration would negatively impact residents, commuters, and the local economy. WR&A was enlisted to create a design that allowed access to businesses from both directions. SR 19 was widened from 42' to 63', with the completed roadway consisting of a 14' center turning lane between four 11' lanes and 2'-6" curb gutters. The shared center turning lane concept was initially regarded with skepticism, but the completed project has been universally accepted by the community.



Close coordination with numerous utilities and 100 businesses resulted in a successful project

Because this section of SR 19 is a regional retail/professional services destination, the project team was well aware that they must handle sensitively any traffic disruption in the area. The presence of 100+ businesses as well as North Allegheny High School added complexity in terms of accommodating access during construction.

One of the most significant aspects of this project was the extensive community outreach program. Input from the municipalities, property owners, and four public meetings was used to develop plans for the project. Keeping in mind its many complexities for success - including coordination for the numerous underground and aerial utility relocations, access to businesses during construction, and a complex existing highway drainage system - WR&A developed a design that was agreeable to all parties.

Innovative Solutions for a Complex Corridor

The project team addressed myriad site complexities, including coordination for the underground and aerial utility relocations, access to businesses during construction, and a complex existing highway drainage system. They also incorporated several innovative features, such as adaptive signals and a unique funding partnership.

The corridor had numerous known utilities, including high-voltage overhead lines and underground telecommunications, gas, sewer, and water lines, and the project team also encountered unexpected utilities during construction. All utilities within the right-of-way were impacted and coordination was handled in the design phase. Coordination continued into the construction when unexpected utilities were discovered.

Drainage was a challenge on this project. The existing conditions had numerous areas where ponding was during rain events caused safety hazards. Due to DEP and municipal regulations, WR&A could not add additional discharge points nor increase the flow into the local streams. Providing drainage ponds was not an option due to the built out corridor and the high cost of property acquisition. The solution was to detain the flow in the proposed drainage system with controlled release to match the existing conditions and meet DEP and municipal regulations.

Business access was another physical challenge on this project. With the widening of the roadway to 63' and the upgrade to the super elevation rates to meet current state and federal standards, driveway tie-ins were complex in locations. Some elevation changes were up to 1' and access to all of the businesses needed to be maintained, so the complex phasing at these locations was coordinated with the affected businesses.

Eight intersections received new traffic signals with state of the art adaptive signal technology; this proprietary system utilizes video detection and provides real-time monitoring of traffic conditions and signal operations. The idea of using adaptive signals was introduced not only as a cost savings measure, but also as a means to handle the vehicle capacity of a growing community. The cost of the system is roughly equivalent to the equipment it replaces, and it is highly effective at prioritizing actual traffic demands.

In addition to extensive business and utility coordination, collaboration with both municipalities was essential in permitting existing properties to ensure compliance with new codes relating to parking space and square footage requirements and building offsets. This interaction ensured that logical ordinances were passed in both municipalities so that existing properties were "grandfathered" in and could remain in business.

Through the municipalities' maintenance and contribution agreement with the Commonwealth, they pledged to fund portions of the sidewalk construction and associated right-of-way, leading to a shared commitment and a vested financial interest in the project.



The Wexford Flats Safety Improvement Project is the 2013 winner of ASHE's Outstanding Highway Engineering Award for Category C—Projects Greater than \$15 million

Innovative Solutions: One of eight intersections that received adaptive signals and accessible pedestrian facilities



Close coordination with numerous utilities and 100 businesses resulted in a successful project

Goals Realized

The five-lane configuration successfully opened to traffic on November 6, 2012, the project was substantially completed by November 30th, and the official ribbon cutting was held December 3rd. The project is providing incalculable public value; the improved access and reduced congestion for cars, delivery trucks, and pedestrians is already helping to attract more businesses. PennDOT and both municipalities agree that in addition to the improved mobility and safety, the aesthetic improvements including sidewalks and decorative signal poles have significantly improved the community's economic viability.

The social and economic impacts considered as a result of community meetings resulted in a design approach that would support current business and future growth in the region. The corridor now permits access to most properties from either the northbound or southbound direction. Sidewalks promote healthy community initiatives by encouraging walking instead of driving, and give a community feel to what was previously an unwalkable stretch of roadway.

At the ribbon cutting in December 2012, Governor Tom Corbett and Representative Michael Turzai praised the project, particularly the collaboration between numerous state/local officials, business owners, school officials, consultants, and contractors. The community has resoundingly applauded the final product.

Both the Town of McCandless and the Township of Pine were pleased with not only the project's outcome, but the overall process which incorporated significant community input. Scott Anderson, Assistant Manager for the Township of Pine, said of the process: "As a result of the public's involvement, and the willingness of PennDOT and its consultants to listen and incorporate different functional and aesthetic ideas into the project, I believe the end result exceeds our highest expectations." Manager Toby Cordek, Town of McCandless, calls the project "a proverbial dream come true."

"The District is proud of the accomplishments set forth that have provided a soundly engineered and constructed project that not only meets the needs of the community and traveling public, but exceeds the expectations of most all involved," said Cheryl Moon-Sirianni, ADE for Design, PennDOT District 11-0.

Dan Cessna, District Executive for PennDOT District 11-0, agreed: "The Wexford Flats Project has exceeded our expectations. With the culmination of a design by Whitman, Requardt & Associates and construction by Golden Triangle Construction, a decades-old safety problem has finally been resolved. This successful project is an example of a cooperative effort, using community input and good engineering judgment, resulting in a project that meets the public's needs."



Whitman, Requardt & Associates, LLP (WR&A) is pleased to announce that Don Hall, P.E., has joined the firm. Don will be working out of the firm's Pittsburgh office. Don recently retired from the Pennsylvania Department of Transportation (PennDOT) District 1-0 after a successful 33-year career. Just prior to his retirement from PennDOT, Don was the District 1-0 Assistant District Executive (ADE) for Design.

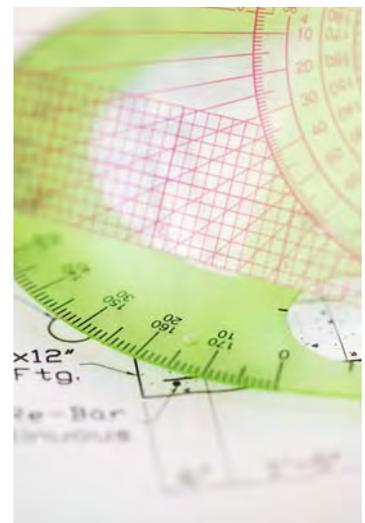
Don will be working with the Pittsburgh Office and York Office staff on delivering high quality projects to our Pennsylvania transportation clients while helping to build and strengthen key relationships throughout Pennsylvania.



WHITMAN, REQUARDT & ASSOCIATES, LLP
300 Seven Fields Boulevard - Suite 130 • Seven Fields, PA 16046



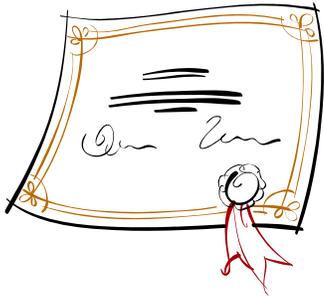
Interested in having your project featured in a future edition of the ASHE Pittsburgh's Cross Section? Please email your technical articles to kpower@pa.gov. Contact Kathryn Power with any questions.



2013-2014 Pittsburgh Section Scholarship Recipients

ASHE Pittsburgh was pleased to receive 7 scholarship applications from Civil Engineering students attending regional universities. The Scholarship Committee created a standardized scoring method to evaluate the applicants. The Committee then held a meeting to confirm rankings. We were very pleased with the quality of the candidates and the Board of Directors approved adding a second scholarship. We are pleased to award the following scholarships: Dylan Soller, University of Pittsburgh, \$2,000 and Renato Ruzzini, University of Pittsburgh, \$1,000.

Both demonstrated a passion for the transportation industry as demonstrated in their application essay and have enjoyed working in the industry. We hope that our support of their education will only further reinforce their desire to be successful professionals in the transportation industry.



Pictured from left: Dylan Soller, Renato Ruzzini, and Dan Cessna

Dylan is a senior at the University of Pittsburgh and has been active in ITE Student Chapter and is the Communications Manager for the Society of Engineering Transfer Students. He is an Intern for PENNDOT District 11. He enjoys hiking, running, kayaking, and biking in the outdoors.

Renato is a Junior at the University of Pittsburgh and is a member of ASHE and ASCE. He is an Intern at ms consultants, inc. He enjoys playing guitar and intramural soccer.

Congratulations to Dylan and Renato!

Jamie's Young Member Summary

Community Outreach – Promoting the Engineering Profession and STEM Education

By Margaret Moore, P.E., *Community Outreach / P.R. Chairperson*

As Chair of ASHE Pittsburgh's Community Outreach Committee, I have the privilege of visiting engineering and technology high school classrooms around the region and providing the students with an overview of the Civil Transportation Engineering profession. First we discuss the diversity of engineering disciplines and then focus in on Civil Engineers in the Highway Design and Construction industry.

Advancement of Science, Technology, Engineering, and Mathematics education has gained national attention in the past several years because the United States is losing its competitive edge in math and science while the rest of the world soars ahead. Project Lead the Way (PLTW) is a national program forming partnerships among Public Schools, Higher Education Institutions and the Private Sector to increase the quantity and quality of engineers and engineering technologists graduating from our educational system. However, a crucial element to the success of programs like this and young aspiring engineers is the participation from industry professionals. ASHE Pittsburgh strives to make a difference in the world around us through Community Outreach to local schools and aspiring young engineers.

Look for the full article in an upcoming edition of ASHE National's Scanner Newsletter!



Engineering Students at Chartiers Valley High School, a Certified PLTW School

Job Corner

Please visit our [website](http://www.pittsburgh.ashe.pro/job-corner) to view recent job postings:

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

Mark your calendars



Upcoming ASHE Pittsburgh Events

June 11-15, 2014—National Conference: Bismarck, ND

August 9, 2014—Annual Pirate Game Outing

September 10, 2014—ASHE Pittsburgh Dinner Meeting

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

November 12, 2014—ASHE Pittsburgh Dinner Meeting

Upcoming Events From Our Region

First State Section: June 13, 2014—Night at the Blue Rocks with Fireworks

Delaware Valley Section: July 14, 2014—Golf Outing Blue Bell CC

Harrisburg Section: August 1, 2014—Golf Outing Range End CC, Dillsburg

Harrisburg Section: August 22, 2014—Seafood Picnic, Lower Allen Barn

Altoona: July 7, 2014—Golf Outing/Picnic



ASHE Pittsburgh Welcomes the Following New Members...

Jeremiah Roehrig
Mike Butrice
Douglas George
Nathan Neltner
Dale Dlugos, Jr.
Bob Bressler
William Werkeiser
Nick Burdette
Jeanna Fisker
Mike Butrie
Ellen Hana
Bill Bird
Scott Anthony
Kathleen Burke
Patricia Wardy
Shane Rufenacht
Joshua Handel
Tom Adams
Olga Ovcharenko
Dean Poleti

John Tkacs
Steven Sneddon
Joseph Caskowski
Mike Szuret
Kristen Graf
Jason Molinero
Sebastian Lobo-Guerrero
Bob Stitchick
Gregory Ulisse
David E. Fedor
James Gable
Aaron C. Fayish
Vishal Patel
Richard James Flango
James Tarquinio
Suresh K. Gutta
Ericka Ehrenberger
Renato Pietro Ruzzini
Michael A. Prusack
Martin T. Malone

Richard Flango
Suresh Gutta
Aaron Fayish
Patrick Garrett
Michael Dillon
Bryan Caldwell
James Marsala
Steven Leibhart
David Redd
Robert Stoltz
David Cannon
Mark Miles
Christopher Robinson

*Thank you to Dave Mikec, Chairman of the Membership Committee!
This year, we had over 50 new members join our ASHE Section!*

The 2016 ASHE National Conference is coming to Pittsburgh! And we need volunteers...

We had three meetings with our Subcommittee Chairs/Co-Chairs for the ASHE 2016 National Conference to be held in Pittsburgh on Wednesday May 18, 2016 to Sunday May 22, 2016 which will be hosted by the Pittsburgh Section. As of this date, we have 13 Chairs, 13 Co-Chairs and 58 Subcommittee members for a total of 84 volunteers. Our 2005 conference had 74 volunteers to organize that successful conference so we are asking for your support to organize the 2016 conference. Please notify Conference Co-Chairs Kevin Duris or Pat Kane, by email or phone, of your interest to be Subcommittee member. Looking forward to hearing from you to support the success of the 2016 conference.

Kevin Duris-Conference Co Chair
Trumbull Corporation



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Pittsburgh, PA 15212
412-807-2121
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

ASHE PITTSBURGH: NOW & THEN

BRIAN KRUL, P.E., P.T.O.E. - FROM NEW MEMBER TO PAST PRESIDENT



Brian Krul, on right, receiving his Presidential Award plaque at the 2013 Pittsburgh Section Past Presidents' Banquet

Year 2000—
New Member, Brian Krul
receives his ASHE
Membership Certificate



ASHE Pittsburgh thanks the 2013 Century Club Members

A.D. Marble & Company
A&A Consultants, Inc.
ACA Engineering, Inc.
AECOM
Allen & Shariff Engineering, LLC
Amelie Construction and Supply, LLC
American Geotechnical &
Environmental Services, Inc.
Bruce and Merrilees Electric Co.
BUCHART HORN, INC.
Cardno TBE
Carmen Paliotta Contracting, Inc.
CDM Smith, Inc.
CHA, Inc.
Constructors Assoc. of Western PA
David E. Wooster and Associates, Inc.
Dawood Engineer, Inc.
DiGioia, Gray & Associates, LLC
Earth, Inc.
East Jordan Iron Works
Erdman Anthony
Frank Bryan, Inc.
Foresight Construction Services, LLC
GAI Consultants, Inc.
Gannett Fleming, Inc.
Geo-Mechanics, Inc.
Gibson-Thomas Engineering Co., Inc.
Golden Triangle Construction Company
Greenhorne & O'Mara, Inc.
Greenman-Pedersen, Inc.

Gulisek Construction LLC
HDR Engineering, Inc.
Herbert, Rowland & Grubic, Inc.
Hill International, Inc.
HRV Conformance Verification
Associates, Inc.
Infrastructure Engineers, Inc.
Jeff Zell Consultants
Johnson, Mirmiran & Thompson, Inc.
Joseph B. Fay Company
KCI Technologies, Inc.
KTA-Tator, Inc.
L.R. Kimball
M.A. Beech Corporation
Mackin Engineering Company
Maguire Group, Inc.
Management Engineering Corp.
McCormick Taylor, Inc.
McTish, Kunkel & Associates
Michael Baker Jr., Inc.
Monaloh Basin Engineers
Mosites Construction Company
ms consultants, inc.
Olszak Management Consulting, Inc.
Parsons Brinckerhoff
Penn Line Service, Inc.
Pennoni Associates Inc.
Printscape Imaging & Graphics
Quality Engineering Solutions, Inc.
Romualdi, Davidson & Associates, Inc.

SAI Consulting Engineers, Inc.
Skelly and Loy, Inc.
Sofis Company, Inc.
STV, Incorporated
Sucevic, Piccolomini & Kuchar
Engineer, Inc.
T.W. Consultants, Inc.
The EADS Group, Inc.
The Markosky Engineering Group, Inc.
Traffic Planning & Design, Inc.
Trans Associates Engineering
Consultants, Inc.
TRC Engineers, Inc.
Tri-State Design & Development
Trumbull Corporation
W.E.C Engineers, Inc.
Whitman, Requardt & Associates, LLP



c/o Jim Weaver
Jeff Zell Consultants, Inc.
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