



Newsletter of the American Society of Highway Engineers

the PROFILE

Published Monthly by the Harrisburg Section

Our President's Message



This month's message starts with "The allegory of the disparate loggers". -- A burly young logger entered a tree clearing contest. He had worked out for over a year, and was in peak physical condition. On the day of the contest, he brought his axe, and a winning attitude. It was very early, but he was fresh and ready to win. He sized up his single competitor, and laughed to himself. "Why," he thought, "how is this little old man going to chop down as many trees as me, a strong young man?" The contest started, and the two competitors were working about the same rate. After about an hour, the young man noticed something. He couldn't hear the old man chopping. He looked around to see the old man sitting on a stump with his back facing the younger man, axe across his lap. "Old timer must need a break already," the young man thought to himself, rolling up his sleeves. And the young logger immediately went back to working. Down with one tree, hustle on to the next one and start chopping. Next thing, he sees is the old man is almost caught up to him. So he starts swinging a little harder and faster, and gets a little bit of a lead. But then, he notices again that his is the only chopping noise; the old logger is kneeling beside a stump, leaned over. "He must be winded, but I'm getting my second wind," thought the younger logger. And he kept going. Down with one tree, on to the next one, no rest. Next thing, again, he sees that the old man is coming back strong, catching up. The day is only half over, so the young man keeps going, faster, faster, to stay ahead. When he hears silence, he looks around to see the ancient logger again sitting on a rock, bent over his axe. He can't believe it, "Lunch break? On competition day, I'm not stopping for lunch." The same thing went on all afternoon, with the young man working constantly and the old man stopping again and again. The old logger was always behind, but nearly managed several times to catch up. After another period of silence from the old man, the young man,

(see "President" on page 2)

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(Detach and return by Thursday, November 1, 2012, at 4:00pm)

Presented by: Bradley J. Heigel, P.E., of Pennsylvania Turnpike Commission
Topic: The PA Turnpike – the Chief Engineer's Perspective

I will be attending the November 5th meeting of the American Society of Highway Engineers-Harrisburg Section.

Name _____ Firm _____

Guest Name _____ Guest Firm _____

Contact: Marie Ledger, c/o SAI Consulting Engineers • 20 Erford Road, Suite 110, Lemoyne, PA 17043 • P: 717-763-0629/ F: 717-763-0920 • mledger@scieng.com

Guests are Welcome!

Location: Radisson Penn Harris Hotel & Convention Center, Governor Room B, 1150 Camp Hill Bypass, Camp Hill, PA 17011

Attire: Business Casual

Date/Times: Monday, November 5th, 2012. 11:00 Registration. 12:00 Lunch/Program

Price: \$20 for ASHE Members/ASHE Member Guests ■ \$25 for Non-ASHE Member

Meal: Hot Buffet including a choice of two entrees, vegetables, desserts and beverages

Note: ASHE is charged for all dinner reservations. If you make a reservation and wish to cancel it, the deadline for cancellations is the Thursday before the meeting. If you fail to cancel by the deadline, you will be charged for the meal, regardless of whether or not you attend.

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(“President” from Page 1)

muscles aching, sees the old man right behind him. The two swing their axes at the same rate, but the old man’s axe seems to be cutting deeper. The young man can’t believe it; why, he is so much stronger and better conditioned than his competitor. As the minutes count down to the buzzer, the old man seems to pull ahead. And when the judges’ count is taken, it is confirmed that the old man ended six trees ahead. The crowd, knowingly, applauds (imagine a halfhearted golf clap). The old logger has won. The young logger goes to shake his competitor’s hand, and says, “All those breaks you were taking, that’s your secret?” “No, young man, you don’t fully understand,” said the older man, “You see, each time you saw me pause, it was only for a few minutes, and I wasn’t relaxing for a second during that down-time; ... I was working; ... no, not like you who didn’t stop chopping. You see, unlike you, son,” (he held the crisp-edged blade he was carrying up to the battered-edged blade of the younger man), “unlike you, ... I was sharpening my axe.”

I think another way that Benjamin Franklin said it is something like, “If you fail to plan; you are planning to fail.”

As you can see from reviewing the list of fifteen directors on the board, and many officers in the roster posted in The Profile and on the website, there are many people who contribute to keeping the ASHE/Harrisburg organization going. And they all intend to do a great job with their sharp axe blades this year. Only with constant diligence and a plan for improvement will we move ahead and leave a legacy for our membership to be proud of and future board/officers to appreciate.

And speaking of sharpening the axe, did you do your writing assignment? This goes back to September’s president’s message. Have you done what is needed, and written those letters to your legislators in the house and senate, in Harrisburg and in Washington (**mainly Harrisburg** at this point, as you will read as you continue below), to urge them to overhaul the outdated transportation funding mechanisms? For those that have; thank you. For those that haven’t – what are you waiting for? Don’t wait for unemployment; you’ll need all the time you have on your hands then for job hunting. The federal excise tax on gasoline is 18.4 cents per gallon; State, add 32.3 cents. So, with state taxes, the TOTAL is 50.7 cents tax on a gallon of gas. US EPA combined fleet fuel economy standards show (for 2007) an average of 22.2 miles per gallon on US roadways. Simple math calculated against those factors shows that drivers pay just 2.3 cents per mile for gasoline vehicles. This is for highways that cost millions of dollars (or tens of millions in some areas) per lane-mile to build; thousands of dollars per mile to maintain each year, many hundreds of thousands every 30-50 years to rebuild; or millions per mile to widen. And with proposed US EPA / NHTSA fuel efficiency standards, fuel economy could increase another five percent by 2015. What this means in simple terms is that 2.3 cents becomes 2.2 cents, as inflation goes further and makes it worth less than 2 cents. You see what’s happening here? This model of taxation is broken unless this country wants to allow its highway infrastructure to deteriorate. This axe needs to be sharpened.

(see “President” on page 4)





Presents:

The PA Turnpike – the Chief Engineer’s Perspective

by Bradley J. Heigel, P.E., Chief Engineer, Pennsylvania Turnpike Commission

Bradley J. Heigel is the Pennsylvania Turnpike’s chief engineer who is leading the PTC’s engineering design and construction departments. The PTC is in the midst of a capital campaign to rebuild and widen the aging highway system. The commission will increase investment in this effort from \$400 million to more than \$600 million annually, and it is also studying the feasibility of converting to a cashless, All-Electronic Tolling system – a process expected to take more than five years to complete.

Heigel brings roughly 25 years of public and private-sector experience in the highway-building industry to the post. In his 20 years at the commission, he spearheaded the Schuylkill River Bridge project, managed 55 miles of total reconstruction and served as project manager for the Commission’s Long Range Plan. Heigel was most recently employed by Michael Baker Jr., Inc., from 2010 to 2012, where he was vice president and the principal for the firm’s Harrisburg office.



November 5, 2012 at Radisson Penn Harris Hotel

11:00 to Noon—Registration

Buffet Lunch* at Noon



* Lunch will be a hot buffet, including choice of two entrees, vegetables, desserts and beverages

NOTE: Please make checks payable to ASHE - Harrisburg Section and send to the address below. If you make a reservation and wish to cancel it, you must do so no later than November 1st. If you fail to cancel by the deadline, we will not be able to reimburse you.

Name: _____

Company: _____

Phone or Email: _____

Check Amount: \$ _____ ASHE Member Guest

r.s.v.p by November 1, 2012

Marie Ledger

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Contact Info Updates

If your contact information changes, please contact Jeff Robertson, Section Administrator for ASHE Harrisburg:

Greenhorne & O'Mara, Inc.
Attn: Jeff Robertson
5000 Ritter Road, Suite 102
Mechanicsburg, PA 17055
717-691-3355
jrobertson@greenhorne.com

Profile Contact:

If you have ASHE Profile news, please contact Troy Holloway, Profile Editor for ASHE Harrisburg:

Century Engineering, Inc.
Attn: Troy Holloway
200 Airport Road
New Cumberland, PA 17070
717-901-7055
tholloway@centuryeng.com

New Membership Contact:

Download your ASHE membership application at www.harrisburg.ashe.pro/membership.htm

Send your completed ASHE membership application along with payment to:

ASHE Harrisburg Section
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P.O. Box 322
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("President" from Page 2)

And polls have shown that drivers are willing to pay a fair price to keep their roads in good condition and to improve safety. Drivers want a sharp axe, and they are willing to pay for it. So what is stopping the legislators in our national and state capitals from raising the dwindling 2.3 cents per mile of funding revenue? Apparently, their axes aren't sharp, and we need to remind them to get sharpening. The first Tuesday in November is a good time to send them a reminder to sharpen their tools. Do your research and determine which candidates have the best platform on improving transportation, and take your knowledge to your polling place. And keep up the letter writing campaign, to both incumbents (those that are left) and newcomers on the scene. Speak with your vote, and speak with your pen. Keep your axe sharp. The ASHE/Harrisburg website, and your peers who are members of ASHE are great resources for doing that.

According to our Legislative Affairs Committee, the mill file is being applied to the Federal axe as you read this message. (Thanks to those of you who have been writing letters to Washington the past year!) Tuesday October 2 was the first day of the "Moving Ahead for Progress in the 21st Century Act" (MAP-21), the new Federal Funding program -- the first long-term highway authorization bill proposed since 2005. The program is reportedly **streamlined, performance-based, and multi-modal**, to improve upon past funding formulae. It has provisions aimed at **improving safety, maintaining infrastructure condition, reducing traffic congestion, improving system efficiency and freight movement, protecting the environment, and reducing delays in project delivery**. The legislation is also aimed at **economic growth and job creation**. These all sound like moves in the right direction. For more information, check out the FHWA website and stay tuned to future reports in The Profile from the Legislative Affairs Committee.

<http://www.fhwa.dot.gov/MAP21/summaryinfo.cfm>

As I said, we have a lot of people on committees to thank for the work they have done, and proactive thanks for some of the axe sharpening and tree felling that remains ahead. Here are a few highlights:

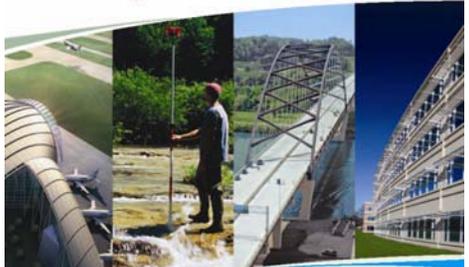
- Thanks to the ASHE/Harrisburg **golf outing** organizers; the event had a net profit of about \$7,100. That's likely to be half of the scholarship funds for this year, and enough for roughly four scholarships. First Friday in August every year; mark your calendar for next year. (Do it now!)
- Thanks to the **picnic/casino night committee** for hosting the event in August, to give members a night of fun and fellowship. This is usually the last Friday in August every year (unless it's a Penn State football game weekend); mark your calendar for next year.
- Thanks to our **Audit committee** who completed the financial audit in August, including Dale Mellott who by all counts completed his 30th section audit, but his first as a former treasurer. Thanks, Dale, for 30 years of service to ASHE.

(see "President" on page 5)

(“President” from Page 4)

- Thanks to our **section administrator** who maintains our list of members, and who updated our membership with National. National assesses our section \$20/member per year (after the first year which is \$65/ new member including initiation fees), so it is important that we keep accurate records. And despite a \$3 fee assessed for ASHE Northeast Regional per member for the first time this year, your dues have remained unchanged. Check around and you’ll see that some of our surrounding sections’ dues have increased by \$3 this year to account for the fee.
- Thanks to **the Century Club organizers and participant firms**; who collectively donated \$8,400 that will be used for scholarship funds and for student/educational outreach initiatives. There is still time to join the Century Club, as you will read later in this newsletter.
- I can’t do this without saying thanks to my wife, who has put up with me for 20 years, including six years serving as a director/officer of ASHE, which takes hours of time away from her and the family each month.
- Our **membership committee** has some incentives in place; and a goal of increasing our total membership this year. However, we rely on **you** to garner and sponsor new members. Please don’t be shy about handing out forms to anybody you know who is not a member. Better yet, bring them to a dinner meeting or lunch meeting, and our Fellowship Committee will provide them with an application; they can do the rest. You see, we lost 28 members who failed to renew their membership for 2012-’13. This factor is shy of ten percent but still a sizable number in reduction of your ranks. So we have some lost ground to make up from the start, if we are going to increase the total number of members on our roster. We need your help. Please take the time today to think of someone who you would like to invite, and ask that person to attend an event or if she or he would like a membership application.
- **Nominations for ASHE/Harrisburg 2012-’13.** In May of each year, an officer is replaced (we need a new 2nd Vice President as 2nd becomes 1st Vice and Vice becomes section President). In addition, up to five 3-year board member positions open up. It is not too early to consider nominations for our 2013-’14 Board of Directors, three-year terms; and for nominations of officers. Please submit your nominations to past president, Mark Gaines at gainesmark84@yahoo.com. Board members, start thinking about whether you want to be nominated for a Second VP position, and let Mr. Gaines know. And for members who want to become involved but not as a director, there are plenty of subcommittee assignments you can serve in *this year*, 2012-’13 - (see the list in this newsletter or on our website) – find an interest and contact the committee chairperson. There’s always room for more on this raft. Welcome aboard, if you volunteer to help out.
- **Nominations for CPEWC.** Nominations are now being accepted, through November 3rd, for the 2013 National Engineers Week Awards to be presented by the Central Pennsylvania Engineers Week Council (CPEWC) at the National Engineers Week Banquet to be held on Thursday, February 21, 2013. This is an opportunity to recognize a colleague in the engineering industry for holding the values and integrity of engineering to a very high standard. If you know a member deserving of one of these awards, please feel free to contact Jen Hendricks at jlh@h2enginc.com and courtesy copy Rich Roman at riroman@state.pa.us. See Page 11 for more information, but understand that ASHE/Harrisburg BOD makes the nomination, the submissions aren’t made by member organization members directly.

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In closing, I have just a few words of advice. This is the same advice we offer to boy scouts when we teach them camp tool safety: Don’t work with a dull axe. We gave you the knowledge and you have the tools to hone the edge. So **keep your bit (the cutting edge) sharp**. Best wishes; happy sharpening. Until next month, R.

District 8-0 October and November 2012 Anticipated Lettings

MPMS	County	State Route	Section	Project Title	Short Narrative	Let Date	Range
18390	21	11	049	Enola Road Bridge Replace	US 11/15 over Norfolk Southern RR East Pennsboro Township and Wormleysburg Borough Bridge Replacement	10/4/2012	20,000,000-30,000,000
89146	66	1012	014	Emig Road Bridge	SR 1012 (Emig Road) over Codorus Creek Manchester and Springettsbury Townships Bridge deck replacement Resurface approaches	10/4/2012	1,000,000-5,000,000
85049	36			Veteran's Mem. Br. Light	Veteran's Memorial Bridge (SR 462 over Susquehanna River) Columbia & Wrightsville Borough, West Hempfield Twp. Historic Bridge Re-Lighting	10/5/2012	1,000,000-5,000,000
87147	28	30	091	US 30 Coldbrook Ave	SR 30 and Coldbrook Ave Intersection Chambersburg Borough Intersection improvements	10/31/2012	500,000-1,000,000
92384	21			Allendale Ped. Trail	Construction of a Ped/Bike trail between the Allendale and Beacon Hill neighborhoods. Begins where Allendale Way (Road) ends, runs 2,200 feet northeast under I-83, to connect with existing trail in Beacon Hill.	11/2/2012	100,000-200,000
68867	38	2014	013	Furnace Road Bridges	SR 2014 Furnace Road over Mill Creek Millcreek Township Bridge Rehabilitation of two bridges	11/29/2012	500,000-1,000,000
66652	50	274	017	PA 274 Business Campus	PA 274 and Friendly Drive Penn Township Intersection Improvements	11/30/2012	500,000-1,000,000

WELCOME NEW MEMBERS

New Member	Sponsor	Board Approval
Virginia Bailey	Diane Nulton	February 2012
Jason Hursh	Mark Gaines	July 2012
Zachary Noll	Yang Liu	July 2012
Nhan Phan	John Yacapsin	July 2012
John Schwab	David Galeone	July 2012
Robert Kocher	Yang Liu	July 2012
Neil Raup	Brad Heigel	July 2012
Benjamin Snyder	Josh Golomb	September 2012
Wenhan Hu	Brehan McBride	September 2012
Charles Palmatier	<i>None Indicated</i>	September 2012
Kimberly Secrest	Brehan McBride	September 2012
William Weismantel	Josh Golomb	September 2012
Leanne Doran	Barry Hoffman	October 2012
Ryan Hostetter	Matthew Lena	October 2012

**November's
Charity of the Month:**

The Jared Box Project

Please bring monetary donations
to the November 5th lunch
meeting.

Thank You for your support.

*For more information, contact
Sandy Basehore at 717.232.0593
or sbasehore@skellyloy.com*

The goal of the Jared Box Project is to lift the spirits of chronically ill children. The boxes symbolize the importance of play and are filled with well wishes, hope, and love. A Jared Box is a shoebox size plastic storage box filled with small gifts, toys, cards, and games. Each box contains items selected for a specific age and gender. The boxes are delivered to hospitals and are given to chronically ill children. The Jared Boxes provide a special diversion for young patients as they receive chemotherapy or dialysis-type treatments.

The Jared Box Project 129 Fenwick Drive Port
Matilda, PA 16870

➡ A link to FHWA's MAP-21 website has been added to ASHE-Harrisburg Legislative Affairs website. ⬅



Sandy Basehore and Jen Hendricks would like to personally thank each and every one of the eleven volunteers that came out to help us with our Fall Adopt-a-Highway clean up. This is a terrific showing and we are very grateful to those that gave up their time to help support ASHE and keep our highways looking litter free. Trash pick up goes very quickly when you have eleven volunteers and the promise of a Happy Hour at Dockside Willie's when you've completed the task. When the task was complete, we had picked up 24 bags of trash!! Again, special thanks to our group of volunteers including Rich Heimbach, Josh Golomb, Jeff Griffiths, Keith Markel, Kathy Krommes, Jeff Robertson, Bob Leonard, Jim Gutshall and Alex Eadline.



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MEET THE ASHE-HARRISBURG BOARD OF DIRECTORS!

This month, we share with you a short biography of each of your 2 YEAR DIRECTORS who returned to the ASHE Board for the second year of their 3-year term.



Sandra Basehore, 2-Year Director. Like many other members of ASHE, Sandy is also a graduate of Penn State. However, her degree is in Environmental Resource Management, not Civil Engineering. She entered the industry working as an environmental scientist and began the process of attempting to understand the way engineers think. She is still working on that. With many years of experience behind her, more than she wants to mention, Sandy is now a Vice President and Service Group Manager at Skelly and Loy for its Environmental Group, where she has been employed for 22 years. Sandy's career has focused on the assessment of environmental impacts and the development of cost-effective engineering solutions and mitigative actions for a variety of transportation clients. As a skilled project manager, Sandy attempts to use her knowledge of the environment and the project development process to influence the engineering solution in a positive way. She has managed multiple large, high-profile projects for PennDOT, and also many open end agreements for both Central Office and District Offices. Sandy has been an active member of ASHE for quite a while (really...only engineers remember what year they joined organizations and stuff like that) and is looking forward to working with the board to advance the mission of ASHE.



Joshua Golomb, 2-year director, is a Project Engineer for RK&K in their York, Pa office. Josh is originally from the Pittsburgh area and attended Penn State University where he received his bachelor's and master's degrees in Civil Engineering. Upon graduation, Josh moved to Baltimore, Maryland where he started working for RK&K specializing in highway planning and design. In 2007, Josh and his family moved to Lancaster, Pennsylvania where he currently resides. Josh is a registered Professional Engineer in Pennsylvania and Maryland and has worked on transportation projects located in Pennsylvania, Maryland, Virginia, Washington D.C., and Delaware. Josh joined ASHE Harrisburg in 2008 to become more involved in the local transportation industry and make new connections. In 2010, Josh became a member of the ASHE Harrisburg Board of Directors. He is looking forward to continuing his service and to help grow ASHE's membership base. Outside of his work life, Josh is married with three sons and has his fourth on the way. Josh enjoys coaching his son's T-ball team and helping out with Cub Scouts.



Jeffrey Griffiths, 2-year director. Jeff is a Project and Department Manager at HNTB Corporation, managing the Highway Practice for HNTB's Pennsylvania District. Jeff has over 19 years of transportation and highway design and management experience in both the private and public sectors. He began his career with the New York State Department of Transportation in Region 5 (Buffalo). Once he was tired of shoveling snow, he and his family moved to the Harrisburg area in 1999, where he has worked for a variety of clients, including PennDOT, PTC, SEPTA, and DRPA. He is a registered Professional Engineer in the states of Pennsylvania and New York. Jeff is a 1993 graduate of the State University of New York at Buffalo where he earned his Bachelors of Science degree in Civil Engineering. Jeff has been an active member of ASHE since 2002 and has been on the Board of Directors since 2009. Jeff looks forward to continuing to serve ASHE and the engineering community in the years to come.

MEET THE ASHE-HARRISBURG BOARD OF DIRECTORS!



Jason Wagner, 2-year director, is director of policy and government relations for the Associated Pennsylvania Constructors, the trade association that represents the highway construction industry in Pennsylvania. In his role with APC, Jason advocates on behalf of members with state and federal agencies. He also assists in the development of policies for the industry, and he manages advocacy programs. He also serves as managing director of the Pennsylvania Highway Information Association (PHIA). PHIA is a non-profit association that gathers and disseminates information to educate the public on the importance and value of a modern and safe highway system. Although Jason joined the APC staff in December 2006, he has been involved in transportation issues for several years. Before joining APC, he was a research analyst for the House Transportation Committee. There, he drafted legislation, assisted committee members in developing policy initiatives and prepared analyses of legislation. He has worked on the mass transit funding issue, as well as on the bridge and highway funding issue. Jason earned a Bachelor of Science degree in public service from the Pennsylvania State University and has the distinction of being an Eagle Scout. He currently serves his community as president and coach of his local Little League baseball association and sits on the Harrisburg Suburban Little League Association Board of Directors.



Paul W. Wilke, 2-year director, is a Principal Engineer in the Camp Hill office of Applied Research Associates (a firm that specializes in pavement design, testing and maintenance management). He was educated in Canada where he received a Bachelor degree in Civil Engineering and a masters degree in Geotechnical & Pavement Materials Engineering. Over his 30 year career he has worked for geotechnical consultants and transportation design consultants performing pavement investigations and design and implementing pavement management systems for municipalities and airports across North America. Career opportunities have taken Paul from Calgary, Alberta near the Canadian Rocky Mountains to sunny Orlando, Florida and snowy Syracuse, NY before arriving in Harrisburg, Pennsylvania 3 years ago. He loves outdoor activities and is really enjoying all that Pennsylvania has to offer. Paul has been active in the communities he lived including youth hockey, Syracuse Rescue Mission and Young Life. He has also been active in many industry associations including the American Society of Civil Engineers, American Council of Engineering Companies and ASHE. He was a charter member of the Central New York ASHE section and is in his 2nd year as a Board Member of ASHE- Harrisburg.



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A.D. Marble & Company, an employee-owned environmental and engineering consulting firm, seeks a **Civil Engineer**, with 3 to 7 year of experience, to support our environmental design and transportation engineering services. The successful candidate will have a BS or MS degree in Civil Engineering (or equivalent) with an E.I.T. certificate or PE. The candidate should be a highly motivated, flexible, team player with excellent oral and written communication skills and the ability to work on multiple simultaneous projects. Experience in E&S and PCSWM design is required (MDSHA and PennDOT experience is a plus). Must be proficient with MicroStation and InRoads. Experience in drainage analyses, natural stream channel design, site grading, and Hydraulics and Hydrology modeling is desirable (HEC-RAS experience is a plus). Competitive salary and comprehensive benefits package including 401(k), an employee stock ownership plan, company-paid medical and dental plans, vacation and sick leave, and tuition reimbursement. A.D. Marble & Company is an equal opportunity employer. This position may be in our Camp Hill or Conshohocken PA office. Send resume with cover letter to: jobs@admarble.com

Mackin Engineering Company, an established consulting civil and transportation engineering firm with offices in Pittsburgh and Harrisburg has positions available for bridge engineers and inspectors (both offices), and highway engineers (Pgh. office). **Bridge Engineers** Minimum requirements include a B.S. in Civil Eng., 1 - 5+ yrs. experience in bridge design, PE desirable. **Bridge Inspectors** Minimum requirements for inspectors and team leaders include 1 - 5+ yrs. experience in NBIS inspection and struct. analysis, CBSI required, PE desirable. **Highway Engineers** Min. requirements incl. BS in civil eng., 1 - 5+ yrs. experience; PE desirable. Mackin Engineering is an E.E.O employer and offers competitive salary/benefit packages. Please send resumes in confidence to: Mackin Engineering Co., RIDC Park West, 117 Industry Dr., Pittsburgh PA 15275, admin@mackinengineering.com

Jacobs Engineering Group, Inc. is seeking a **Chief Bridge Engineer** to work out of their Pittsburgh office with primary responsibilities of supervising a growing structures group across their Pennsylvania offices. This professional engineer will have a minimum of 20 years of progressive bridge design experience in steel and concrete, and project management experience in the preparation of designs and project documents. Client experience with PennDOT and PTC is essential, and experience with PAAC, SEPTA, AMTRAK as well as other transportation clients in PA a plus. Strong technical skills as well as excellent oral and written communications skills are essential. Send resume to Valeria R. Fitzgerald, Human Resources at Valeria.Fitzgerald@jacobs.com. Jacobs is an Equal Opportunity employer and employment selection decisions are based on merit, qualifications, and abilities.

Century Engineering, Inc. is currently seeking an experienced **Construction Manager/Construction Engineer** to lead our Pennsylvania Construction Support Services Department, New Cumberland, PA. The individual must be highly motivated with construction phase experience in infrastructure projects and working with PENNDOT. The successful candidate will be responsible for management and expansion of Century's construction phase services in PA including construction management, inspection, CPM scheduling and construction claims analysis. Position requirements also include strong leadership skills, business development experience and excellent communication skills. Qualifications: (1) Bachelor's degree in Construction Management/Civil Engineering or related discipline; (2) 10 year construction management experience; (3) PE license is a plus; (4) CCM certification is a plus; (5) Significant experience working on the construction of transportation projects is a plus. Century offers an excellent benefits program, 401k, paid holidays/vacation and an outstanding work environment. EOE/M/F/H/V. Email resume to careers@centuryeng.com



CENTRAL PENNSYLVANIA ENGINEERS WEEK COUNCIL

Nominations are now being accepted for the 2013 National Engineers Week Awards to be presented by the Central Pennsylvania Engineers Week Council.

The Engineers Week Council anticipates honoring three individuals who have made outstanding contributions to the engineering field with the following awards:

Engineer of the Year
Young Engineer of the Year
Technical Achievement Award

The awards will be presented at the National Engineers Week Banquet to be held on Thursday, February 21, 2013.

Nomination applications, including complete eligibility requirements for each of the awards, are attached with this e-mail. In addition, the applications are available to download from the Central Pennsylvania Engineers Week Council website (www.cpewc.com).

Applications must be submitted by e-mail, either as a Word document or in .pdf format, by the nominator. Applications received directly from the nominee for the award will not be accepted. Acceptance of the nomination by the award nominee will be obtained by e-mail after the application is received. No signatures or hard copy forms are required.

The Central Pennsylvania Engineers Week Council invites and strongly encourages nominations from each of the member organizations of the Engineers Week Council. There is no limit to the number of nominations that may be submitted by a member organization. A nominee does not need to be employed by a large company, or be involved with large, high profile projects to receive the award. The award criteria have been established to honor an overall outstanding person, not to recognize a specific project. The award recipient must have a combination of work and non-work related accomplishments to receive the award.

Please discuss these awards at your next meeting and/or forward this information to your members. Because of the busy schedules we all have, please discuss these awards with your nominees as soon as possible to allow sufficient time to complete the application. Nominees from previous years should be considered again for the awards. In previous years, numerous nominees deserving of recognition have been submitted, and often there are only minor differences between other nominees and the award recipient. Because the nomination applications only have minor changes from year to year, minimal effort is needed to submit a previous nominee. Unfortunately, many excellent persons have been nominated in the past, and are then never submitted for consideration again.

All applications must be received by November 21, 2012.

Please note that a nominee may use others to assist in completing the application, and that although award recipients are invited to participate on the Engineers Week Council, there is no obligation to do so.

The Engineers Week Council thanks you for your assistance in helping us promote the engineering profession by nominating outstanding members of your organization. If you have any questions, feel free to contact me at 717-620-5957, or cmay@pennoni.com.

Christopher W. May, P.E., PTOE
Chair - Awards Committee

Jeffrey G. Bergsten, P.E.
Council Chair

Vacant
Council Vice-Chair

Pasquale A. Dougherty, P.E., PLS
Council Secretary

Brian A. Watson, P.E.
Council Treasurer

Ronald J. Spacht, Jr., P.E.
Council Past Chair

Stephen J. Roman, P.E. &
Susan Benjamin
Co-Chairs, Education Outreach Committee

Matthew J. Carnish, P.E.
Chair, Operations Committee

Daniel R. Giles, P.E. &
Richard Miller, P.E.
Co-Chairs, Public Affairs Committee

LaConie Jackson
Chair, Events Committee

Christopher W. May, P.E., PTOE
Chair, Awards Committee

Jessica Sizemore
Brian Sattizahn
Co-Chairs, Website Committee

Hugh V. Archer, Ph.D. P.E., DEE, FASCE
2012 Engineer of the Year

Melody A. Matter, P.E., PTOE
2012 Young Engineer of the Year

Jerry F. Shoup, Ph.D.
2012 Technical Achievement Award

Charles S. Merris, Jr., P.E., C.E.M.
2012 John H. McCormick Educational Outreach Award

INVITATION TO JOIN THE CENTURY CLUB **(an open letter to non-participants in the Century Club)**

FACTS -

- Presently there are approximately 40 firms who are members of the ASHE-Harrisburg Section's Century Club. About 20 percent (8) of those firms give their support even though they don't have employees who are members of ASHE-Harrisburg.
- You may also find it interesting that there are over 50 companies, non-governmental organizations, and agencies with employees who are members of ASHE-Harrisburg, but the firms, NGOs and agencies themselves are not yet member firms on our prestigious Century Club list.

So what's keeping them from becoming Century Club members? **Information from you, our members.**

Why don't you show them this page of *The Profile*, to invite your employer to join the Century Club ranks so that they can be made aware of the tremendous benefits and nominal cost of participation?

BASICS -

- The Century Club is comprised of companies, NGOs, or agencies which have made a \$200/year pledge to support the ASHE Harrisburg Section's activities.
- Century Club Members are prominently listed on the outside mailer of our section newsletter, *The Profile*, roughly eight times a year. *The Profile* is issued monthly to approximately 400 Section Members (including lifetime members) in South Central Pennsylvania and beyond. *The Profile* is also distributed to the Pennsylvania Department of Transportation's Central Office.
- Also, monthly Sponsors are chosen from the Century Club list and provided advertising space (business card size) at no extra cost, allowing them to showcase their capabilities and contact information throughout the organization and to PennDOT.

AND THE BENEFITS DON'T STOP THERE -

- Century Club member firms, NGOs, and agencies are also listed on the Harrisburg Section website accessed by the Career Opportunities web page. That list includes hyperlinks to the CC firms' websites, making it easy for your prospective clients and business partners to find you.
- Century Club membership also includes unlimited job postings, with each job running once in *The Profile* Newsletter and for the entire fiscal year, June 1st – May 31st, on the website. (Otherwise, job postings would cost you \$50 here...and a lot more if you went elsewhere.)
- There is also our annual gala event, the Past Presidents' Banquet, where CC member's names and logos are displayed on the slideshow during the social hour.

Century Club membership is an excellent opportunity to gain recognition among your colleagues, while actively supporting ASHE. The Century Club and the annual golf outing are the two largest sources of funding for the section's annual Scholarship awards. (You may not realize it, but a large portion of your dues goes to support ASHE National and Northeast Regional, and most of what is left subsidizes the monthly meetings.) Other sources for scholarships include the 50/50 raffle at our luncheons and dinner meetings, as well as donations from our Lifetime Members, and other individual contributions. According to information on the ASHE-National website, the Harrisburg section has the second-largest collective scholarship endowment since its inception among all of the sections in the US, due in no small part to the Century Club members' support. **And, think what we could do if we could double the number of firms in our Century Club!**

According to the Scholarships page on the ASHE-National website, our section is woefully behind the Southern New Jersey section, ... by \$9,100. <http://www.highwayengineers.org/>

- It would take only forty six more Century Club member firms, NGOs, or agencies to meet that goal this year. And there would be no stopping us, with that kind of forward momentum going. Therefore, we need every member to compel his or her firm to join the Century Club, not only to be #1, but for the tremendous value that it would give your firm, NGO, or agency.

Yes, ASHE-Harrisburg's individual memberships are one of the best bargains out there among professional societies in the area, at \$45/year. Likewise, at \$200/year, given the litany of benefits listed above, is there any reason why your employer isn't a Century Club supporter of ASHE-Harrisburg?

The section website will help you print an application to accompany your company's, NGO's, or agency's donation and admission to the Century Club. So visit our website and start your Century Club participation: <http://www.asheharrisburg.org/centuryclub.htm>

Regards,
ASHE Harrisburg Section Officers and Board of Directors



PHOTO CONTEST



I. INTRODUCTION:

- Contest eligibility is open to members and friends of the ASHE Harrisburg Section.
- No entry fee is required, and there are no geographical limits to this contest. By submitting a photo for this contest, you are granting permission for the ASHE Harrisburg Section to use, duplicate, and distribute a copy of the photo in any form (electronic or otherwise) as deemed appropriate.
- Roadways, bridges and tunnels are considered parts of highways. We encourage contestants to submit photos of interesting highway features from sites in Pennsylvania (extra points will be given to photos from PA); however, entries from anywhere in the world are welcome.

II. RULES:

- Entries must be received no later than the January 7, 2013 meeting to be eligible for judging.
- Each contestant may submit only **ONE** (1) photograph, which must have been taken by the contestant. All entries must be 8" X 10" prints. Original slides or negatives will not be accepted. Black and white, or color photographs are acceptable in this competition. The contestant's name, address, daytime telephone number and photograph title must be written clearly in ink on the back of the photograph.
- Entries must be accompanied with a brief title (7 words or less) and description (50 words or less) of the highway, bridge or tunnel in the photograph; this description must include the name and location of the highway facility and a brief explanation of any construction or maintenance activity. This write-up must also be emailed to the address listed below. Late or mutilated photos will not be eligible.
- Contestants should mail or deliver entries to:
Mike Gross, c/o Buchart Horn, Inc., 445 West Philadelphia Street, York, PA 17401-3383
- Questions? Contact Mike Gross at: (717) 852 – 1493, or mgross@bh-ba.com

III. JUDGING:

- Entries will be judged by ASHE members in attendance at the February 4, 2013 meeting.

IV. AWARDS:

- **1st** (\$65), **2nd** (\$45), and **3rd** (\$25) place awards will be given. Awards will be presented to the winners at our meeting on March 4, 2013, and entries will be available for pickup at the end of that meeting.
- Winning entries will be included with the ASHE mall display during Engineers Week in February, 2013.
- We have an exciting update to this year's photo contest! Not only will the first place photographer receive a cash prize, but his or her photograph will also be featured as the ASHE Harrisburg Facebook Cover Image for the 2013 - 2014 year! Like www.facebook.com/ASHEHarrisburg for more details.



UPCOMING PROGRAM EVENTS

2012/2013 Calendar

For additional information please visit the

ASHE Harrisburg Section website: www.harrisburg.ashe.pro

Date:	Program:	Meeting Time:	Location:
Monday, November 5, 2012	Pennsylvania Turnpike Update	Lunch Meeting	Radisson
Monday, December 3, 2012	Social Media usage in the A/E arena	Dinner Meeting	Radisson
Monday, January 7, 2013	PA Transportation Update	Lunch Meeting	Radisson
Monday, February 4, 2013	Adaptive traffic signal technology, traffic congestion management and improving community livability/ sustainability	Dinner Meeting	Radisson
Monday, March 4, 2013	DARWIN ME	Lunch Meeting	PennDOT Materials & Testing

ADDITIONAL IMPORTANT DATES:

Friday, April 5, 2013 9th Annual ASHE-Harrisburg PennDOT Engineering District 8-0 Conference

Location: Best Western Conference Center, Harrisburg, PA

Thursday, April 18, 2013 Annual Banquet

Honoring Our Past Presidents Location: Penn National Race Course/Hollywood Casino

If you are a Past President please plan to attend!

Wednesday, June 5 - Saturday, June 8, 2013

2013 ASHE National Conference Location: Crowne Plaza Golf Resort, Lake Placid, NY

Please continue to check our section website for up-to-date information on programs and additional events!!

Scholarship Opportunities for Female Students Considering a Transportation Career

October 3, 2012



To encourage and support females pursuing careers in a transportation related field, the Women's Transportation Seminar (WTS) Central Pennsylvania chapter is offering a scholarship for the 2012-2013 school year. These scholarships are for high school seniors, trade school/jr. college students, undergraduate students, or graduate students.

One \$1,000 scholarship will be awarded by the Central PA WTS chapter. In addition, one applicant for each scholarship will be recommended for the national scholarship competition (awards range from \$1,000 – \$10,000). Application packages are due no later than October 29, 2012. The Central PA Chapter Scholarship will be awarded in January 2013. The National Scholarship Winners are notified in February 2013.

Scholarships

Now Accepting 2012-2013 Scholarship Applications!

To encourage and support females pursuing careers in a transportation related field, the WTS Central Pennsylvania chapter is offering a scholarship for the 2012-2013 school year. One \$1,000 scholarship will be awarded by the Central PA WTS chapter, selected from applicants for any of the scholarships listed. In addition, one applicant for each scholarship will be recommended for the national scholarship competition (awards range from \$1,000 - \$10,000). Application packages are due no later than October 29, 2012. The Central PA Chapter Scholarship will be awarded in January 2013. The National Scholarship Winners are notified in February 2013. Applicant can apply for multiple scholarships; however, will only compete for one national scholarship. Scholarships available are (click on scholarship for application and directions):

- [Transportation YOU High School Scholarship \(high school senior\)](#)
- [Trade School/Jr. College Scholarship \(certificate or Associate's degree\)](#)
- [Molitoris Leadership Scholarship \(undergraduate\)](#)
- [Sharon D. Banks Memorial Scholarship \(undergraduate\)](#)
- [WTS Leadership Legacy Scholarship \(graduate\)](#)
- [Helene M. Overly Memorial Scholarship \(graduate\)](#)

For questions about any of the scholarships, please contact WTS Central PA Scholarship Chair, Lida Derk at lderk@mbakercorp.com.

Help us spread the word! See below for the letter and flyer sent to schools within central and western Pennsylvania.

- [2012-2013 Scholarship Announcement Letter](#)
- [2012-2013 WTS Scholarship Flyer](#)

THE ASHE CENTURY CLUB

The ASHE Harrisburg Section wishes to thank the following Century Club members for their support during 2012-2013.

- ◆ A.D. Marble & Company, Inc.
- ◆ AECOM
- ◆ Alfred Benesch & Company
- ◆ Applied Research Associates, Inc.
- ◆ Barton & Loguidice, P.C.
- ◆ Buchart-Horn, Inc.
- ◆ C.C. Johnson & Malhotra, PC
- ◆ CDM Smith, Inc.
- ◆ Century Engineering, Inc.
- ◆ Dawood Engineering, Inc.
- ◆ The EADS Group, Inc.
- ◆ Erdman, Anthony and Associates, Inc.
- ◆ Gannett Fleming, Inc.
- ◆ Greenhorne & O'Mara, Inc.
- ◆ Greenman-Pedersen, Inc.
- ◆ HDR, Inc.
- ◆ JBC Associates, Inc.
- ◆ Johnson, Mirmiran & Thompson, Inc.
- ◆ KCI Technologies, Inc.
- ◆ Keller Engineers, Inc.
- ◆ L.R. Kimball
- ◆ Mackin Engineering Company
- ◆ Markosky Engineering Group, Inc.
- ◆ McCormick Taylor, Inc.
- ◆ McMahon Associates, Inc.
- ◆ Michael Baker, Jr., Inc.
- ◆ Navarro & Wright Consulting Engineers, Inc.
- ◆ NTM Engineering, Inc.
- ◆ Parsons Brinckerhoff
- ◆ Pennoni Associates, Inc.
- ◆ Pennsylvania Asphalt Pavement Association
- ◆ RETTEW Associates, Inc.
- ◆ SAI Consulting Engineers, Inc.
- ◆ Skelly & Loy, Inc.
- ◆ SoftDig - Underground Services, Inc.
- ◆ STV Incorporated
- ◆ Traffic Planning and Design, Inc.
- ◆ TransSystems Corporation
- ◆ URS Corporation
- ◆ Whitman, Requardt & Associates, LLP
- ◆ Whitney Bailey Cox & Magnani, LLC
- ◆ Wilson Consulting Group, PC
- ◆ Arrow Land Solutions, LLC

The Century Club is comprised of ASHE members who have made a \$200 pledge to support the ASHE Harrisburg Section's activities. Century Club Members are prominently displayed in The Profile up to eight times a year. The Profile is issued monthly to approximately 400 Section Members in South Central Pennsylvania. The Profile is also distributed to the Pennsylvania Department of Transportation's Central Office.

The Century Club is an excellent opportunity to gain recognition among your colleagues, while actively supporting ASHE. Visit www.harrisburg.ashe.pro/centuryclub.htm or call Bea Walters of VE Engineering, Inc. at 717-774-5260, to make your pledge.

Century Engineering, Inc.
Attn: Troy Holloway
200 Airport Road
New Cumberland, PA 17070



www.harrisburg.ashe.pro



ASHE

Harrisburg

Address Correction Requested