The Times They Are A-Changin’ (For the Better)
By: J. Scott Stenroos, P.E., M.ASCE

Elections are coming! Ballots have been included in this newsletter to cast your vote or write in a candidate for open board positions for the year 2014-2015. We are excited about this coming year as Lehigh Valley ASCE just had a terrific year with lots of positive feedback. Sponsorships were at our highest level in years which represented a significant interest in our section. We welcome feedback from our sponsors on ways that we can serve them better and generate more interest in the field of Civil Engineering. We also encourage our younger members to become active in the section. (Don’t forget I was a younger member at one time too!) Our dinner meetings and tours offer networking opportunities with other members of all ages and professional experience. We look forward to a brand new year with more opportunities for our sponsors, members and Younger Member Forum (YMF).

The new board will have the pleasure of releasing our brand new website in late Summer or early Fall and we are constantly striving to find ways to reach out to our members via web, email and social media. This year promises to be an exciting one as we add more social media opportunities for our members. If any member or sponsor has an idea to enhance our website please contact Ben Guthrie, our website committee chair at bguthrie@trafficpd.com.

(Continued on Next Page)
Presidents Corner (Continued)

Our YMF has been strong and interest is growing each month. We certainly enjoy hearing about their activities each month. I personally will be looking for another bowling night with our YMF members so that I can break 100 again and also my favorite “Wing Night”. I think it will be a hot one! If someone has a good idea or suggestion for a future YMF event please contact Bethany Malusa, our YMF president at bmalusa@benesch.com.

In this newsletter please check out the “Name That Bridge” section. This is a new concept that we added and encourage members or sponsors to submit photographs of bridges with a few facts which will be featured at the end of the newsletter. We will randomly select an entry but may make this into a fun competition in the future. I would certainly like to invite some of our structural friends to challenge our members with some great pictures from the past too.

Lastly, don’t forget about sponsorship opportunities for dinner meetings and students. The Lehigh Valley Section takes great pride in supporting our student chapters at Lehigh University and Lafayette College. We were very pleased with the turnout of students from both colleges who attended dinner meeting events this year and enjoyed meeting and socializing with our members. Our dinner meetings are also a great opportunity to support the section by sponsoring a student even if you cannot personally attend. As always, I invite everyone out to our dinner meetings and events and I look forward to seeing you soon! The Program Committee is always open to suggestions on future dinner meeting topics which can be emailed to Scott Stenroos at sstenroos@keystoneconsultingengineers.com.
Washington DC Fly-In – Trouble for Infrastructure on the Horizon
By: Peter Terry, P.E., M.ASCE and Bill MacNair, PE M.ASCE

This year’s ASCE Legislative Fly-in was held February 18th-20th. The weather was dreary and the House and Congress were not in session so the attendees had an unusually great opportunity to have more in-depth meetings with Congressional and Senate staff. As usual, ASCE planned and executed a great program providing training for those attending for the first time and providing real insight into the issues. The program included presentations from the President of the National Chamber of Commerce and the US Secretary of Transportation. ASCE’s staff maintains close contact with our elected officials and provided great insight into the three big issues.

We’ll take the easy one first. The Water Resources Development Act (S 601 and HR 3080) has been passed by both the Senate and House and is in conference working out the minor differences in the bills. Bill MacNair, Pete Terry, and four other members from Pennsylvania made visits to all of our House and Senate members thanking them all for their support of the bills. The bills prove funding for a National Levee Safety Program, re-authorizes the National Dam Safety program and restores trust in the Harbor Maintenance Trust Fund (you can no longer transfer these funds to other programs). The challenge is that these approved bills have been in conference since last fall so nothing has moved forward for the President to sign.

Now the second two issues, the tougher ones. The Highway Trust Fund has basically been insolvent for a year now and has continued to provide Federal Highway Funding at 2004 levels through transfers from the General Fund. The last of those transfers will take us to the middle or end of the summer of 2014 and then the account will be empty. Pennsylvania receives about 46% of its highway funding from the Highway Trust Fund. It has been an incredible feat for Pennsylvania to pass Act 89 (November 2013) which raises significant funding at the state level but without the Federal contribution it is likely that many projects will not move forward.

Related to this is the fact that the current authorization bill to distribute funds collected from transportation fuel taxes (MAP 21) will expire at the end of September 2014. This was a two year bill (historically these bills have been five or six years in length to help provide predictability in financing for transportation). Historically, these bills also get numerous extensions continuing previous funding levels and therefore not keeping up with inflation costs. The bad news is that there does not seem to be any sense of urgency in the House or Senate to get the that legislation moving forward. The good news is that there seems (from our visits to our Pennsylvania House and Senate members) to be agreement that legislation is needed and that this is an important issue for safety as well as our economy. The problem seems to be, as is usually the case, how to fund the programs. Increasing the gas tax (user fee) and or indexing the user fee have been discussed but no one seems to be moving forward with any particular legislation. The official ASCE position is that we support additional funding for infrastructure and are open to any sources which are brought forward for discussion.

Where do you fit in as a Lehigh Valley Section ASCE member? The one message that we heard clearly as we made our visits is that the more they hear that funding infrastructure is an issue; the more attention will be paid to finding a solution. If we are silent on the issue, they have plenty of other things to discuss in Washington DC. I suggest that you contact your Senators and Representative and let them know that these issues are important to you not just because they could affect your job but also because they affect the economy and safety of our family.
2014 PA Report Card for Pennsylvania’s Infrastructure  
By: J. Scott Stenroos, P.E., M.ASCE  

The Pennsylvania State Council will be releasing our very own Report Card for Pennsylvania’s Infrastructure. The Report Card, currently being reviewed and finalized, will be released on June 25th across the state by each of the four PA ASCE Sections (Pittsburgh, Central PA, Lehigh Valley and Philadelphia). Simultaneous releases on the web and by email will also be coordinated. The 2014 PA Report Card, which follows the release of the 2010 PA Report Card, was written by engineers across the state, including several Lehigh Valley Section members. The Report Card assigns an overall letter grade to each of 14 different areas, on a statewide basis.

Each ASCE Section is planning their own release event, which is slated to include a list of honored invitees as well as a number of high profile speakers. Lehigh Valley is currently looking at several possible sites for the release event with media coverage to spotlight our news about infrastructure.

Each Section is being asked to form an ad hoc committee for the planning of the Report Card release event. I hope that you will consider joining the committee. There will be lots of work to do and only through the efforts of our dedicated members will the event be a success. Whether you prefer to take a lead role and jump right in, or would rather keep a low-profile and lend a hand where needed, the Section can use your help!

Our committee is in the process of formalizing. We plan on having weekly meetings or calls between now and June 25th. Our first tasks will include selecting a venue, developing a guest/invitee list and securing speakers. If you would like more information on the event logistics, feel free to email me at sstenroos@keystoneconsultingengineers.com or if you would like to join the committee, please let me know. Thank you.

Lehigh University Student Chapter News  
By: Greg Kuklinski, P.E., M.ASCE  

- Fritz Friday- social event with coffee and doughnuts with students, faculty and staff  
- Social Hour- ASCE members go to a local bar or pizzeria to hang out and eat pizza  
- ATLSS Tour- tour of the renowned ATLSS Engineering Center at Lehigh  
- Habitat for Humanity- worked with the Lehigh Valley Habitat for Humanity for a Blitz Build  
- CEE clubs Picnic- organized by ASCE, this was a picnic for all of the CEE clubs to gather members and advertise  
- Resume Workshop- the assistant director of Career Services at Lehigh discussed how to write a resume as well as gave advice for career fairs and whatever else  
- ASCE vs. ASME soccer game (4/18/14)- students of the CEE department took on students in the Mechanical Engineering department in an 11v11 soccer game  
- ASCE Speaker Series- brought in speakers from Langan Engineering, Dewberry, and Alfred Benesch & Co to give a short presentation about their companies. Also, Mike Rohl from Alfred Benesch & Company gave a presentation on the PPL Arena Truss Erection as a follow-up to the field tour last semester and Greg Kuklinski gave a presentation on the 15th/Ward Street bridge project in Allentown as a follow-up to a field tour last semester.
April Dinner Meeting Student Presentations
By: Bethany Malusa, P.E., M.ASCE

The Younger Members’ Forum and the Student Relations Committee partnered together to put together the April Dinner Meeting which featured student presenters from Lehigh University and Lafayette College. More than 40 members of the Lehigh Valley Section attended the meeting held in the Faculty Dining Room at Lafayette College’s Marquis Hall.

LVASCE took the opportunity to present the ASCE Student Award to Alex Azero, a senior at Lehigh University, and Eric Himmelwright, a senior at Lafayette College. The ASCE Student Award is given out by the Lehigh Valley Section each year to an outstanding senior civil engineering student at Lehigh University and Lafayette College, who has exhibited enthusiasm and leadership in one or more engineering related activities and strives for academic excellence. The award winner is chosen by the faculty of each school based the criteria given by LVASCE.

The speakers for the evening were students selected by faculty members at Lehigh University and Lafayette College. There were four presentations, two given by Lafayette Students and two presentations by Lehigh Students. All of the presentations were very informative and allowed Section Members to learn more about research that was happening in the engineering colleges in the local area.
Lafayette College Student Chapter News  
By: Chris Skrabak, E.I.T. A.M.ASCE

Hi all! Earlier this year, I had the pleasure of becoming the practitioner advisor for Lafayette’s student chapter. I’ve had a chance to meet and talk with our current students and I can proudly say I am impressed! The students have been hard at work between classwork, research, internships and the ever stressful (and now digital) F.E. exam. Needless to say, the tradition of students getting their late night coffee is alive and well.

The chapter also had the privilege of hosting Dr. Robert M. Koerner, Professor Emeritus at Drexel for a talk on his career as a geotechnical engineer. He spoke of a project he worked on as a young engineer where he predicted a soil failure but lacked the confidence to override his superiors. The failure ultimately damaged a nearby building and ended up costing his company millions. It was quite the eye opener for students who can use the formulas but are just beginning to see their value.

Last and certainly not least, our 2014 ASCE Steel Bridge team took first place at the regional competition!! The competition took place April 12-13 at the Naval Academy in Annapolis, Maryland. I had a chance to speak with team member Eric Himmelwright:

“After comparing the 2014 rules to the rules from 2013, we determined that a successful bridge would be governed by weight and construction speed. Given the importance of weight in this year’s cost equation, we chose sections with high regard to lightness. Our optimized design balances weight savings with minimized deflections. It was also designed for ease and speed of construction.”

Those design considerations proved to be the correct approach! The team is currently practicing their assembly for the national competition in Akron, Ohio May 23-24. We wish them the best!

Pictured at right: The Lafayette Steel Bridge Team with faculty advisor Stephen Kurtz.
Structural Engineering Institute Lehigh Valley Chapter Announcement

By: Cheryl Rishcoff, P.E. M.ASCE

Save the Date!! SEI Lehigh Valley Section will be hosting our second annual half-day seminar in the afternoon on August 14, 2014 at Lehigh’s ATLSS Building, with four different speakers and 4 PDH’s. More details will follow soon!

If you would like to get involved with SEILV or have any ideas for seminar/webinar topics, please contact Cheryl Rishcoff at crishcoff@trcww.com

SEI Lehigh Valley Chapter Officers & Committee Members

Chair: Cheryl Rishcoff, P.E.
Vice-Chair: Matt Kawczenski, P.E., S.E.
Secretary: Joseph L. Sirignano, P.E., AVS
Christopher Blechschmidt, P.E.
Ben T. Yen, Professor Emeritus
Jason Coleman, P.E., CSI CDT
Dr. Sougata Roy, Principal Research Scientist

Join the Linked In SEI group of ASCE
http://www.linkedin.com/groups?about=&gid=143956
May Dinner Meeting

**Easy Fixes to Costly Corrosion Failures**

Thursday, May 15, 2014

5:30pm – Social Hour
6:30pm – Dinner
7:30pm – Presentation

**LOCATION:** Comfort Suites - Parkview B Room
3712 Hamilton Blvd. Allentown, PA 18103

**PRICE:**
$40.00 (ASCE Members and non-members)
$15.00 – Students
Student Sponsorships ($25) are available

**DINNER MENU:** Choice of Roast Beef w/ Bordelaise Sauce, Chicken Cordon Bleu or Vegetarian Pasta. All accompanied by House salad, oven roasted potatoes and glazed carrots, with chocolate cake for dessert.

**RSVP:** Register for the event via LVASCE website by May 15, 2014 or contact Dion Campbell at dcampbell@rkrhess.com

For more information, visit the Section website at: [www.lvasce.org](http://www.lvasce.org)
June Dinner Meeting
Stroudsburg Wastewater Treatment Plant Tour

Tuesday, June 17, 2014
4:30pm – Tour
6:00pm – Dinner & Presentation

TOUR ADDRESS: 20 South 4th Street Stroudsburg, PA 18360

DINNER LOCATION: Stroudsmoor Country Inn
257 Stroudsmoor Road; Stroudsburg, PA 18360

PRICE: $40.00 (ASCE Members and non-members)
$15.00 – Students
Student Sponsorships ($25) are available

DINNER MENU: Choice of grilled Chicken breast w/ sautéed apples, cranberries, apricots and walnuts deglazed with brandy or Salmon finished with sweet mustard and dill served over seasoned rice.

RSVP: Register for the event via LVASCE website by June 17, 2014 or contact Dion Campbell at dcampbell@rkrhess.com
Younger Member Forum

Bethlehem Bridge Tour
By: Greg Kuklinski, P.E. M.ASCE

On April 16, 2014, 11 Younger Members, Lehigh University Students and Section Members braved the frigid weather for the 9th Annual Bethlehem Bridge Tour. The tour was conducted by Dr. Ben Yen of Lehigh University and organized by Greg Kuklinski. All attendees were given a short history of each bridge and a detailed technical description of the design and construction of each bridge. The bridges seen during the tour were the Fahy Bridge over the Lehigh River, various sand island bridges including the aqueduct Lehigh Canal over the Monocacy Creek, the Norfolk Southern Railroad Bridge over the Lehigh River and the Hill-Hill Bridge (SR378) over the Lehigh River, Lehigh Canal and Norfolk Southern railroad. After the tour, a Younger Member Social was held at J.P. MacGrady’s Pub in Bethlehem.

YMF Events Schedule
Summer 2014

Happy Hour at Keystone Pub
Whitehall, PA
June 4, 2014

Weyerbacher Brewery Tour
Easton, PA
July 2014

Putt-U Miniature Golf Outing
August 2014

The Younger Member Forum (YMF) seeks to engage younger members of the Lehigh Valley Section of ASCE with social events as well as opportunities for professional development. Some of the regularly hosted events include monthly happy hours and an annual whitewater rafting trip. The YMF actively engages with the universities in the Lehigh Valley in order to continue to engage the students with the professional world. Interested in learning more about YMF? Contact Bethany Malusa at bmalusa@benesch.com
ASCE Younger Members Forum Presents...

Come Network with other young Civil Engineers!!

When: Wednesday, June 4, 2014
Time: 5:30-7:30pm
Where: Keystone Pub & Grill
1410 Grape Street Whitehall, PA 18052

http://www.keystonepub.com/
ASCE to Host P.E. Review Course in the fall for PE Exam!

Are you scheduled for the October P.E. Exam? Do you have employees or co-workers preparing for the exam? For the benefit of ASCE members and any others who are interested, the Lehigh Valley Section is making arrangements to host ASCE’s live P.E. Civil Exam 12-Part Review Course right here in the Lehigh Valley. In order to accommodate our members a minimum of 6 members must sign up.

Course Description
Earning your P.E. license is one of the most pivotal steps in your career – make sure you are well prepared for this essential milestone by enrolling in an ASCE Review Course. This course is a series of 12 two-hour, live webinars held over a six-week period, covering topics and material that have high probability of appearing on the exam, according to your instructors’ experiential insight. You’ll benefit from immediate feedback and assistance from your instructors during the live webinars, and supplement your learning with on-demand recordings of the sessions.

Course Schedule
All Live Webinar sessions are scheduled for 3:00-5:00 p.m. Eastern Standard Time and courses begin August 5, 2014. If you are unable to attend a live session, don't worry, you'll have free access to an on-demand recording.

Registration
Normally this course costs $1,395; however, if a minimum of 6 members sign up through LVASCE, the registration fee is only $450! This is a great way to prepare for the PE Exam. Please contact Jim Hendricks at jhendricks@rettew.com or any board member if you have an interest in the upcoming fall sessions. More information is available at www.ASCE.org by selecting the Continuing Education Tab under the Knowledge & Learning heading. The Live PE Exam Review link is on the left margin.

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Get More Involved in ASCE!!

Now is the time to get more involved in ASCE. We are looking for new board members and committee chairs for 2014-2015. You can help plan events, select featured speakers, and shape the future of ASCE in the Lehigh Valley. There are plenty of opportunities, ranging from committee memberships to leadership positions. All ASCE members are welcome. Contact Ben Guthrie (bguthrie@trafficpd.com) to express interest or to ask any questions.
New Website Coming Soon
ASCE is excited to announce that J Taylor Design has begun work on the new ASCE website. The website committee has been hard at work for months developing a modern vision for our new website to better serve our members. J Taylor Design is based right here in the Lehigh Valley and their portfolio immediately impressed the committee. After reviewing the work of several design firms and comparing multiple proposals, the committee agreed that J Taylor was the best choice to develop a user-friendly and modern website that will serve the section well for years to come. The anticipated launch date for the new website is August 1.

Other Advertisement
Opportunities with the Lehigh Valley Section

One-time ad in newsletter
$100 for business card size
$150 for double business card size
$250 for full page

Sponsor an LVASCE Meeting
Includes: Recognition in the meeting announcement sent to entire section, a PowerPoint slide, banner and table for advertising at the dinner $200.

Contact Joe McFadden via email if you are interested at jmcfadden@mbakercorp.com

Job Postings:
McMahon Associates (Staff Engineer)

Be sure to keep your national membership account up-to-date at http://asce.org

Our email database comes from the information you provide to ASCE National, so UPDATE YOUR ACCOUNT TODAY!

Name That Bridge
Hint: "NY"
Please respond to Scott Stenroos at sstenroos@keystoneconsultingengineers.com with your guess!

Wilton Banx | State College | Pittsburgh | Bethlehem
484.821.0470

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ASCE LEHIGH VALLEY
ELECTION OF OFFICERS AND DIRECTORS FOR SECTION YEAR 2014-2015

In accordance with the Constitution, By-Laws, and Operating Manual of the Lehigh Valley Section of the American Society of Civil Engineers, the LVASCE Nominations and Awards Committee, chaired by the Past President of the Board of Directors is charged with nominating eligible ASCE members as candidates for open officer and director positions. The Committee comprised of Ben Guthrie, Scott Stenroos, Phil Gauffreau, Tim Kramer, Greg Kuklinski, and Peter Terry, has completed the nomination process for 2014-2015.

The election ballot can be found in the LVASCE Spring 2014 newsletter or downloaded from the LVASCE website, http://lvasce.org. The ballot should be submitted to the LVASCE Secretary-Elect, Joe McFadden, by June 17, 2014 to the address or email indicated on the ballot. Alternatively, the ballot may be submitted at the June 17, 2014 LVASCE meeting.

2014-2015 Official Ballot

President
_____ Dion Campbell, PE
_____ Write-in Candidate: __________________________

President Elect
_____ Muhammer Suleiman, Ph.D.
_____ Write-in Candidate: __________________________

Vice President
_____ John Caperilla, EIT
_____ Write-in Candidate: __________________________

Treasurer
_____ Charles M. Snyder, PE
_____ Write-in Candidate: __________________________

Secretary Elect
_____ Dave Alban, EIT
_____ Write-in Candidate: __________________________

Member Director
_____ Tom Christopher, PE
_____ Write-in Candidate: __________________________

Member Director
_____ Michael Derr, PE
_____ Write-in Candidate: __________________________

Associate Member Director
_____ Kyle John, EIT
_____ Write-in Candidate: __________________________

(To be detached prior to tallying the votes)

BALLOT VALIDATION

Name: ____________________________________________

Address: _________________________________________

ASCE Member Number: ___________________________ Date: ___________

Please return ballots to Joe McFadden, Secretary Elect, by June 17, 2014 (via mail, fax, or email), or at the LVASCE June 17, 2014 dinner meeting.

Michael Baker Jr., Inc
Attn: Joe McFadden
702 West Hamilton Street, Suite 100
Allentown, PA 18101
Fax: 610-820-4127
JMcFadden@mbakerintl.com
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