**LVRIPI Project Overview**

The American Society of Civil Engineers has been working for the past 10 years to increase public awareness of the importance of our infrastructure and how it affects our quality of life, economic competitiveness, public safety, and environmental quality. ASCE has been issuing national and state infrastructure report cards that show we as a nation are not doing the necessary maintenance, repair, and replacement of our existing infrastructure, as well as not investing in critically needed new infrastructure.

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**President’s Corner**

September is upon us once again, as the Lehigh Valley Section looks forward to another eventful year. First, I would like to express sincere gratitude to our immediate Past President, Reed Colton, for his strong leadership throughout 2009 – 2010. Next, many thanks to Bernie Telatovich for chairing our Nominations Committee, and providing us with an outstanding new slate of Board Members and Officers for the coming year. Also, please congratulate Bernie on his pending election as Region 2 Governor, where he will continue to eloquently represent the Lehigh Valley Section.

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**Highlights:**
- Upcoming Events (5)
- Iron Pigs Outing (6)
- Workshop for Potential ASCE Governor Candidates (6)
- PA Continuing Education Requirements (8)
- 2010/2011 Budget (11)
- Bethlehem Bridge Tour (13)

**Continued on Page 2**
LVRIPI Project Overview (continued from page 1)

As a follow up to the ASCE National and State Report Cards, the LV Section will prepare a Regional LV Infrastructure Report Card over the next 9 months. The focus of the LV Report Card effort will be to identify what funds are needed to properly maintain, repair and replace Lehigh Valley infrastructure. In addition, the LV Section will be hosting three forums and a 1-day Lehigh Valley Infrastructure Stakeholder conference. Details of the 2010-2011 LV Regional Infrastructure Planning & Investment (RIPI) project are as follows:

September 23, 2010 - Lehigh Valley RIPI Forum
- Forum on Regional infrastructure Planning
- ASCE Members, key LV Infrastructure Stakeholders, and the public
- Transportation, water, sewer and storm water regional infrastructure planning.
- The use of the PA Transportation Planning District and Municipal Planning Organization (MPO) model will be presented as a possible model for Regional Infrastructure Planning Districts.
- A National, State, and Regional Infrastructure Bank to provide dedicated long-term infrastructure funding on a Pay-As-You-Go Life-Cycle Cost basis.
- LV Infrastructure Report Card project
- Panel presentations on Regional Water, Wastewater, and Mass Transit planning issues and the critical need for new infrastructure investment for economic development.

March 2011 LV Infrastructure Investment
- Forum on the need for dedicated infrastructure funding through a National, State, and Regional Infrastructure Bank System
- Update on the LV Infrastructure Report Card
- Details for the September 2011 LV Stakeholder Conference.

June 2011 LV Legislative Affairs
- Forum on Regional Infrastructure Planning Districts and dedicated infrastructure funding
- Update on the LV Infrastructure Report Card
- Details for the September 2011 LV Stakeholder Conference.

September 2011 LV RIPI Stakeholder Conference
- Results of the Lehigh Valley Infrastructure Report Card project will be presented along with regional infrastructure planning and investment recommendations.
- An invitation will be extended to Governor Rendell to be a keynote speaker
- An invitation will be extended to the Building Americas Future Coalition for participation.
**President’s Corner (continued from Page 1)**

As incoming President for the 2010/2011 season, I am fortunate to have a group of energetic and dedicated volunteers serving on the Board and as Committee Chairs (See page 12). Collectively, we are focusing on several initiatives this year:

**Lehigh Valley Regional Infrastructure Planning Initiative**

As a follow up to the release of the PA Infrastructure Report Card in May 2010, the Lehigh Valley Section of ASCE is embarking on a unique, exciting course to energize a regional infrastructure planning initiative. We will host an important forum on September 23rd. Key stakeholders from local groups such as Renew Lehigh Valley, LVEDC, and the Lehigh Valley chamber of commerce will be participating. In addition, municipal public works officials, as well as local public/private utility and mass transportation agencies will be represented. Don’t miss this important first step for infrastructure planning and financing in our region, which will culminate in a regional conference next summer!

**ASCE Student Chapters at Lehigh and Lafayette**

Our goals are to expand lines of communication between the Student Chapters, Faculty, and the Section, become a professional resource to the Student Chapters, and give the students the opportunity to interact with local professionals.

**PA Continuing Education Requirements**

We aim to help members understand the new requirements (see Page 8), plan our programming to provide PDH credits (monthly meetings and technical seminars), and provide the necessary records for attendees.

**Northern-tier Membership**

We intend to reach out to our Section members residing or working in the northern tier, to see how we can expand our services and programs to benefit these members. We are organizing a social event in the Scranton area for Section members to meet the Board, and to brainstorm about these ideas. Please be ready to join us once we are able to announce this event.

We will also continue our regular schedule of monthly events (See page 5). These events will be hosted by our technical committees to provide a diverse and informative snapshot of important Civil Engineering issues.

**Most importantly,** we want more of you to get involved with the Section by attending our events, joining a committee, and/or supporting our initiatives. ASCE and the Lehigh Valley Section exist for the benefit of our members, and we want to be relevant to your career. Please join us at an upcoming event and tell us what’s on your mind, or provide feedback to one of the Board Members or Committee Chairs. We need your support!
September Meeting:

Thursday September 23, 2010
5:30 pm

Best Western Inn
300 Gateway Drive
Bethlehem, PA 18017

PRICE: FREE
($10 donation for PDH Certificate)
Refreshments will be Served

RSVP: Tim Kramer
by Friday September 17
(610) 625-4242 (w)
tkramer@trafficpd.com

TOPICS TO INCLUDE:

- LV Infrastructure Report Card
- ASCE LV Regional Infrastructure Planning & Investment Project
- Panel Discussion with Stakeholders
  (Water, Wastewater, Public Works, Transit, etc.)
- Public Questions and Discussion
We are pleased to announce the meeting lineup for 2010. Save these important dates and mark your calendars!

**September 23:**
At the Best Western right off of Route 512 & Route 22. This will be the first in a series of events on the infrastructure of the Lehigh Valley. This in depth panel will discuss the implementation of a Lehigh Valley Infrastructure Report card (similar to what’s published for the entire state) and will include key role players in improving our local infrastructure. This event is free for ASCE members and can count for 1 PDH ($10 donation) towards PE license renewal.

**September 27:**
Younger Member Forum meeting to plan the year’s activities. 6:00pm, at Bethlehem Brewworks

**October 26:**
Engineers without Borders Presentation
LV ASCE helped fund EWBs project in Sierra Leon last year. Join us for their presentation and see how you can help EWB!

**November (date TBD):**
Hosted by the University Relations Committee and held at Lafayette College. There will be a panel discussion on civil engineering projects and career opportunities in the industry.

**December 2:**
Celebrate the holiday season and join us for our annual Holiday Banquet at the hotel Bethlehem. Stay tuned for details regarding the exciting speaker and topic.

---

**Upcoming Events**

*Program Committee Chair:*
Tim Kramer, EIT, M. ASCE
 tkramer@trafficcpd.com

We are pleased to announce the meeting lineup for 2010. Save these important dates and mark your calendars!

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Iron Pigs Outing  by Ben Guthrie, EIT, M. ASCE

On Friday, September 3 ASCE’s Younger Members Forum (YMF) took our third annual trip to an Iron Pigs game. It was the final home weekend of the year for the Iron Pigs, and they were playing the Buffalo Bisons, AAA affiliate of the New York Mets. The high-scoring game was a loss for the home team, and included a controversial home run call and a little gloating from ASCE President and Mets fan Phil Gauffreau. Despite the loss, our group still enjoyed an all-you-can-eat buffet on the picnic patio and a fireworks display after the game, and ASCE’s own Tim Kramer threw out the opening pitch. Check out the LV-ASCE website (lvasce.org) for announcements of upcoming Younger Members events throughout the year.

Workshop for Potential ASCE Governor Candidates

CGU is hosting its first Workshop for Potential Governor Candidates. If you know of a potential governor candidate in your Region, please encourage attendance to this event. It will be held during the Board Orientation and Presidents and Governors Forum weekend on Saturday evening, October 2nd at ASCE Headquarters, Reston Virginia. This workshop will be excellent opportunity for many of the attendees to the Presidents and Governors Forum. For additional information, contact Nancy Berson at nberson@asce.org or at 703-295-6010.
**BECOME AN ASCE KEY CONTACT**

Join the Society’s grassroots advocacy program! As a Key Contact you will receive:

**THIS WEEK IN WASHINGTON**, an e-newsletter delivered to your inbox every Friday with the latest news and developments affecting civil engineering in Washington and the state capitals.

**KEY ALERTS** to let you know when specific grassroots action is needed to support civil engineering issues at the federal or state level.

Join Today at [www.ASCE.org](http://www.ASCE.org), Search for keyword “key Contact”
PA Continuing Education Requirements

by Jim Hendrick, Jr., P.E., M. ASCE – Continuing Education Committee

The Lehigh Valley Section of ASCE encourages our members to become familiar with the continuing education requirements recently enacted. This article provides the key components of the legislation and hopefully clarifies some of the requirements.

The State Registration Board for Professional Engineers, Land Surveyors and Geologist is charged with regulating the practice, licensure, and registration of engineers, land surveyors and geologists in order to safeguard life, health, and property and promote the general welfare. Towards that effort, they have added mandatory continuing education (CE) requirements for engineers, joining 35 other states with this requirement.

The legislation ultimately signed into law as Act 25 eliminated the need for pre-approval of CE courses. The Board CE requirements are now in accordance with those promoted by the National Council of Examiners in Engineer and Surveying (NCEES). Each licensee shall be required to meet the continuing professional competency requirements of the act as a condition of license renewal.

The qualifying standard is that the CE:

"...should maintain, improve or expand skills and knowledge obtained prior to initial licensure, including law and ethics applicable to the profession, or develop new and relevant skills and knowledge. No credit shall be given for a course in practice building or office management."

Engineers are required to obtain 24 PDH units during each two year renewal period. A PDH is defined as 50 minutes of instruction or presentation relevant to professional practice or any equivalent. All licensed engineers in the Commonwealth are to obtain the initial 24 hours by September 30, 2011. The Board has provided that qualifying CE activities as far back as October, 2009 may be submitted to meet this requirement. They have also granted a moratorium from disciplinary action for shortfalls of the 24 PDH’s provided the remaining credits are obtained by April 1, 2012.

Continued
On Page 9
PA Continuing Education Requirements
(Continued from Page 8)

The licensee is responsible for maintaining records to support claimed credits. The record shall include a log showing the type of activity claimed, sponsoring organization, location, duration, instructor’s or speaker’s name and PDH credits earned, and attendance verification records in the form of completion certificates or other documents supporting evidence of attendance.

To read the full law, please visit our website at http://lvasce.org

The Lehigh Valley Section of ASCE would like to help you fulfill your license requirements. Our dinner meeting presentations will often satisfy the requirements for a PDH unit. When this is the case we will make certificates of completion available for the required record keeping. We also plan to have daylong seminars throughout the year that can provide more PDH units. These are still in the planning stages, so watch your newsletters and email for more information. If you have specific training that you would like to see held locally, let a board member know! We will try to point you in the right direction if it is not feasible to have our own training course.

ASCE also provides many training opportunities in the form of webinars, conferences, classroom training, and in-house training. Visit www.asce.org and click on the green “Knowledge and Learning” link at the top. The posted continuing education units (CEUs) convert to 10 PDH units. More resources for free or low cost credits will be provided in future newsletters.
# 2010/2011 Budget

LVASCE Budget 2010-2011

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YEARS - $3,700.00
NOTES ON 2010/2011 BUDGET

FROM OUR PRESIDENT, PHIL GAUFFREAU, P.E.

On September 8, 2010, the Board of Directors of the Lehigh Valley Section of the ASCE approved the budget for the 2010-2011 operating year (beginning October 1, 2010). The Board considered budget requests from various Officers, standing committees, and other parties, and appropriated funds as needed to accommodate the mission of the Lehigh Valley Section. Here are a few highlights of the budget:

RECEIPTS ($27,050)
- Section dues, sponsorships, and other discretionary income have been trending downward over the recent years, partially due to the national and regional economy. Therefore, the Board has adopted a conservative position regarding such receipts for this operating year.
- Revenues for dinner meetings and other continuing education events are expected to increase, reflecting the Board’s intention to provide opportunities to our membership to obtain PDH credits to satisfy the new PA requirements (which will result in increased attendance at our events), and to charge a nominal fee for these credits, as appropriate.
- Under "Technical Seminars," sponsorships and other income related to our planned series of events for the Lehigh Valley Regional Infrastructure Planning Initiative (LV RIPI) will help to offset the costs of these events.

EXPENSES ($30,750)
- For similar reasons stated above, the Board anticipates that the costs associated with our dinner meetings will increase (larger venues, more attendees, etc.). Also, we budget these meetings to operate at a net loss to underwrite the discounts offered to student members.
- The budget includes funding to support the LV RIPI events planned for this operational year, including three regional forums and miscellaneous expenses.
- Under "Student Activities," we have budgeted to fund our annual award program, to offset costs for student member travel to out-of-town ASCE meetings, and to support the activities of the Student Chapter Committee to interact with both Lehigh University and Lafayette College.
- The Board has made a decision to more actively participate in National and Regional ASCE conferences. As a result, we are fully funding two official delegates to the National ASCE Conference in October. In addition, we are funding participation in both the Region 2 and multi-region conferences.
- The budget also supports our Section’s participation in the Lehigh Valley Engineering Council (LVEC), Engineer’s Week, and various Younger Member Forum (YMF) activities.
Lehigh Valley Section Officers, 2010-2011

President
Phil Gauffreau, P.E.
pgauffreau@nthconsultants.com

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Tim Kramer, EIT
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Vice President
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Secretary
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Treasurer
Chas Snyder, P.E.
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Secretary Elect, Newsletter Editor
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Webmaster
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Director & YMF President
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Director & Continuing Ed. Chair
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Director & Lafayette Liaison
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Director & Student Chapter Chair
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Legislative Affairs
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Key Individuals
Greg Kuiklinski, P.E.
gkuiklinski@benesh.com

THE PIDCOCK COMPANY
CIVIL ENGINEERING
LAND PLANNING
ARCHITECTURE
LAND SURVEYING
FOUNDED 1924
7th Annual
BETHLEHEM BRIDGE TOUR
Wednesday October 6, 2010
(raindate Wednesday October 13, 2010)
4:30pm

Sponsored by:
AMERICAN SOCIETY OF CIVIL ENGINEERS
LEHIGH VALLEY SECTION YOUNGER MEMBER FORUM

MEETING PLACE: Fritz Lab Parking Lot, Lehigh University

PRICE: Tour is Free and open to ALL ASCE MEMBERS

DESCRIPTION: The tour will consist of visiting bridges in downtown Bethlehem led by Dr. Ben Yen of Lehigh University. The tour starts at the Fritz Lab parking lot and will consist of driving to different bridges with a discussion about each of them. Come prepared with lots of questions, a hard hat and suitable work shoes.

RSVP: Greg Kuklinski by Tuesday October 5, 2010 at 5pm
(610) 439-7066 (w)
gkuklinski@benesch.com

More information and directions will be given following RSVP.
The Lehigh Valley Chapter of ASCE thanks our Sponsors for the 2010 Year:

ALFRED BENESCH & COMPANY

BENCHMARK CIVIL ENGINEERING SERVICES, INC.

CORNERSTONE CONSULTING, INC.

D’HUY ENGINEERING, INC.

MCITISH, KUNKEL & ASSOCIATES

MONARCH PRECAST CONCRETE CORPORATION

TRAFFIC PLANNING AND DESIGN, INC.

THE PIDCOCK COMPANY

TERRA HILL STORMWATER SYSTEMS

To become a Sponsor of LV-ASCE, please contact the Chapter Secretary, Charles Myers at cmyers@rettew.com

Lehigh Valley Section, ASCE
c/o Michael Paquette, P.E.
Langan Engineering
One West Broad St., Suite 200
Bethlehem, PA 18018