

The New Hampshire *Civil Engineer*

New Hampshire Section of the American Society of Civil Engineers

P.O. Box 4953, Manchester, NH 03108

August/September 2010

VOL. 31 No. 07

President's Message

September marks the start of another program year for the New Hampshire Section of ASCE. I am honored and excited to serve as President this year. I step into big shoes, as Jason Ayotte moves to the Past President position; thank you Jason for all your hard work. We also welcome back many of our previous Board members. I am thankful for their continued support of our Section and the collected knowledge they bring to the group.

We finished up the 2009-2010 with our annual golf outing to benefit our scholarship fund. Thanks to Hugh Scott who organized a great event. Thank you to the participants and also the many sponsors who contributed to the event with funds and prizes. We see many of the same faces at the golf outing every year and we are grateful for your continued support.

The annual awards dinner was held in May at the Bedford Village Inn. We recognized the induction of four New Hampshire Section members as Life Members of ASCE. The first ever ASCE-NH employer recognition award was presented to CMA Engineers, Inc. with



honorably mentioning Miller Engineering and Testing. The President's award was given to Ken Milender. A longtime Board member of ASCE-NH, Ken single handedly revised the NH Section's Constitution, By-laws and Operating Manual and was instrumental in the formation of a section of the Geo-Institute for the New Hampshire Section. We presented six \$1,000 scholarships to five New Hampshire high school seniors and one University of New Hampshire student. It was a lot of fun chatting with the students and their families as the students get ready to start their college education.

Looking forward, we have many things in the works for the upcoming year. A Joint meeting with the Structural Engineers of New Hampshire will be held September 21, 2010. A representative from ASCE National's Committee on Sustainability will present on their initiative to develop a certification program for civil engineering projects similar to LEED certification for building projects. See the event notice in this issue.

Darren Benoit, our Legislative Affairs chair, will be overseeing the creation of a new Infrastructure Report Card for New Hampshire. The Report Card was last issued in 2006. Darren and other volunteers will be updating the information and grading for infrastructure within New Hampshire. This is a great opportunity to highlight some of the challenges facing our State's infrastructure. Please contact Darren or myself if you are interested in helping with this project.

(continued on page 2)

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Jessie Merck
The H.L. Turner Group Inc.
27 Locke Road
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(603) 228-1122

Please Send Correspondence To:

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*All newsletter submissions must be
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Next deadline:
Friday, September 10th

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President's Message (continued from page 1)

The New Hampshire and Maine Sections will be co-hosting a regional ASCE leadership conference in Portland, Maine January, 2011. Leaders from the Sections, Branches, Younger Member Groups and Student Chapters from all of Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey and Puerto Rico) will be attending the two day conference.

I'm looking forward to my role as President for the next year. I have been involved with the NH Section since 2005. My involvement with ASCE has benefited me in many ways. I know my experience as President will be a great opportunity for personal growth and development. The Section has some great momentum right now and I would like to build on that. If there is anything you would like the Section to be doing or see a way we could better support our members, please don't hesitate to contact me. I am interested to hear your ideas and comments. We always welcome members to become more involved with the Section and offer many ways to do this from as little as helping out at one dinner meeting to becoming a Board member. I hope to see you at the next meeting!

Britt Eckstrom Audet, PE is a project engineer with CMA Engineers, Inc. She has a BS from the University of New Hampshire '02 and an MS from the University of California Berkeley '03. She lives in Nottingham with her husband Tim, and two sons.

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SEPTEMBER MEETING ANNOUNCEMENT
JOINT MEETING WITH STRUCTURAL ENGINEERS OF NEW HAMPSHIRE

ASCE Committee on Sustainability: Engineering for a Sustainable World

Date: September 21, 2010

Times & Events: 5:30 pm, Registration Opens
5:30 pm, Social Hour at the **Puritan Backroom**
6:30 pm, Dinner at the **Puritan Backroom**
7:00 pm, ASCE Committee on Sustainability: Engineering for a Sustainable World

Location: **The Puritan Backroom**
245 Hooksett Road
Manchester, NH 03104

Presenter: TBD from ASCE National's Committee on Sustainability

Synopsis: Presentation of the Sustainability certification of civil engineering projects and professionals being developed by ASCE's Committee on Sustainability. The ASCE Task Committee on Sustainable Design (TCSD), with the guidance and support of the ASCE leadership, recognizes that any well-planned and implemented civil engineering project in the near term will most likely include planning and design considerations for project sustainability and has worked to develop a new certification program for civil engineering projects similar to what LEED has done for building projects.

Meal & Cost: Buffet at the **Puritan Backroom** - \$45 ASCE/SENH members, \$45 Non-Members, and \$15 Student Members. No-shows will be invoiced for the cost of the dinner.

Reservations: Email preferred to Jeffrey.Bjrz@lebcity.com or by phone at 603-442-6147.

Reservation Deadline is **September 14, 2010**. Please send checks made payable to NH- ASCE by mail to:

Jeff Bjrz, P.E.
City of Lebanon Public Works
193 Dartmouth College Highway
Lebanon, NH 03766

Directions: Puritan Backroom is located on the south side of Route 28/Highway 3/Hooksett Road approximately 1.3 miles southwest of I-93.

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Boston

Techniques for Pavement Rehabilitation.....	September 8-10, 2010
Design and Strengthening of Shallow Foundations for Conventional and Pre-Engineered Buildings	September 16-17, 2010
Project Management.....	September 23-24, 2010

NEW YORK

Progressive Collapse Mitigation:

Practical Analysis Methods and Proven Solutions	September 16-17, 2010
Design of Buildings in Coastal Regions (Newly Updated).....	September 23-24, 2010
Pumping Systems Design for Civil Engineers	September 23-24, 2010
Seismic Loads for Buildings and Other Structures.....	September 23-24, 2010

PENNSYLVANIA

Philadelphia

Liability of Engineers: How to Stay Out of Trouble.....	September 16-17, 2010
Load Ratings of Highway Bridges (New).....	September 16-17, 2010

Pittsburgh

Structural Condition Assessment of Existing Structures	September 16-17, 2010
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Cranium Challenge

August/September 2010

Congratulations to our colleagues who provided the correct answer to the May challenge:

The two eleven letter words that can be formed from the letters A C D E E I N O R S T are CONSIDERATE and DESECRATION.

Bill Herman	Town of Auburn, NH
Mark McLeod	H.L. Turner Group
Erich Adler	HTE Northeast, Inc.

July puzzle:

Doug had forgotten the 5 digit code to his briefcase. However, he did remember five clues:

- The fifth number plus the third number equals fourteen
- The fourth number is one more than the second number
- The first number is one less than twice the second number
- The second number plus the third number equals ten
- The sum of all five numbers is 30

What is the 5 digit code to his briefcase?

Send your solutions to Rebekah Briggs, University of New Hampshire, W183 Kingsbury Hall, Durham, NH 03824 or by email to rebekah.briggs@unh.edu. Correct responses received by August 1, 2010 will be recognized in a future issue of "The New Hampshire Civil Engineer".

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Planning Calendar

Sept. 21, 2010	ASCE/SENH Joint Meeting, Manchester, NH
January 2011	Regional ASCE Leadership Conference, Portland, ME

View the unified engineering calendar at www.nhecal.org.

Contact Britt Audet, PE at CMA Engineers (603) 627-0708 or baudet@cmaengineers.com for details on upcoming meetings.

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