

The Green Mountain Civil Report

Newsletter of the Vermont Section of the American Society of Civil Engineers
Website <http://sections.asce.org/vermont>

2006 ASCE Meeting Schedule

<u>Date</u>	<u>Event</u>
Feb. 19 - 25, 2006	Engineers Week
April 27, 2006	VSE/ASCE Joint Meeting Student Presentations
May 24, 2006	VT ASCE May Meeting Lime Kiln Bridge Project

January Meeting Overview

The January VT ASCE dinner meeting was a great success. There were approximately 30 ASCE members in attendance to hear Mr. Marshall (CEA) and Mr. Bowers (City of Winooski) discuss the Downtown Winooski Redevelopment project.

There was a tour of the project before the dinner meeting, with 20 ASCE members in attendance. Mr. Bowers led the tour and discussed the construction of the Parking Garage/VSAC building/Spinner Place building.



Mr. Bowers leading the ASCE group on top of the garage.



Picture taken from the top of garage looking at VSAC and Spinner place (inside wall).



Picture taken from VSAC looking at garage and Spinner Place (inside wall).

Mr. Marshall and Mr. Bowers presented the dinner presentation. Mr. Marshall discussed his role in the design of the infrastructure for the project as well as a brief history of the project. Mr. Bowers shared many construction photographs of the parking garage and discussed the construction sequence of the project.



ASCE members in front of Spinner Place.

The dinner meeting was held at the Peking Duck in Winooski and the change of venue and dinner selection was well received.

February Meeting **Announcement**

ENGINEER'S WEEK BANQUET

DINNER PRESENTATION:
**HUMANITARIAN RELIEF EFFORTS OF
BEN & JERRY'S EMPLOYEES DURING
AFTERMATH OF HURRICANE
KATRINA**

Date: February 24, 2006

Time: Social Gathering 5:30 pm

Dinner: 6:30 pm

Awards and Presentation: following the dinner

Location: Sheraton Hotel and Conference Center,
870 Williston Road, Burlington, VT,

Cost: \$35.00 – Student Members \$20.00

Synopsis:

Ms. Jeannie Satink and Mr. Lucas Jenson from Ben & Jerry's are this year's keynote speakers. Jeannie and Lucas will present the humanitarian relief

efforts of Ben & Jerry's employees during the aftermath of Hurricane Katrina.

Reservations: Email preferred to

jmarsano@forcieraldrich.com

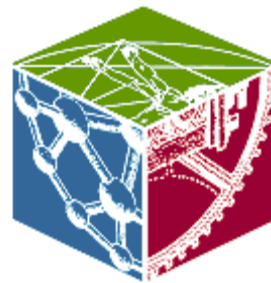
or by Phone: (802) 879-7733

Deadline: Friday, February 17, 2006

Directions: From Interstate 89:

- Take Exit 14W toward Burlington.
- Merge onto U.S. Route 2 West.
- Turn right into Sheraton Hotel and Conference Center Drive.

See attached Flyer for more information about E Week.



National Engineers Week 2006
February 19th – 25th

April Meeting Announcement

JOINT MEETING WITH VSE

STUDENT PRESENTATIONS

Norwich, VTC, and UVM Students will present their Senior Projects during the afternoon session.

DINNER PRESENTATION:

TBA

Date: April 27, 2006

Time: Social Gathering TBA

Dinner Meeting TBA

Location: Elks Club, Country Club Road,
Montpelier, VT,
Cost: TBA – Student Members TBA

Synopsis: TBA

Reservations: TBA

Deadline: TBA

Directions: From Interstate 89:

- Take Exit 8 to Montpelier (US 2).
 - Bear right at Memorial Drive
- Turn left at Bailey Ave Ext.
Turn left at State Street (Elks on this road).

May Meeting Announcement

SITE TOUR

Lime Kiln Bridge Project.

DINNER PRESENTATION:

**TECHNICAL PRESENTATION ON THE
CONSTRUCTION OF THE NEW
BRIDGE CONNECTING SOUTH
BURLINGTON TO COLCHESTER**

Date: May 24, 2006 (tentative)

Time: Social Gathering TBA

Dinner Meeting TBA

Location: TBA

Cost: TBA – Student Members TBA

Synopsis: TBA

Reservations: TBA

Deadline TBA

Please goto:

www.aot.state.vt.us/archaeology/design/limekiln.htm to
view some Historical Photos of the existing bridge.

Younger Member Forum News

If you are 35 years of age or younger then, you are automatically part of the VT ASCE Younger Member Forum. The board members of VT ASCE YMF would like to announce a number of different activities that younger members of ASCE are welcome to attend. Historically, younger member ASCE sections all over the country have been described as “fun” “young” and “active” civil engineers. Here in VT, there is no exception!

YMF CONTACTS:

For more information please contact any of us:

- Stephanie Zehler; Pres
(stephaniezehler@gmail.com) (802) 864-0223
- Bill Farley; Vice Pres
(william.farley@state.vt.us) (802) 828-3417
- Abby Lisius; Outdoor Events Chair
(abby@trudellconsulting.com) (802) 879-6331

ASCE National News

**Regional ASCE Conference
February 10 -12, 2006 in Boston.**

Shawn P. Kelley, Secretary of the VT Section of ASCE will be attending this Regional Conference as the VT Section representative. See the next newsletter for a description of the conference.

Live Web-based P.E. Exam Review Course

ASCE is pleased to offer a live P.E. Exam Review Course delivered via the web to assist ASCE members and other civil engineers in preparing for the P.E. Exam.

Taught by a team of experienced P.E. Exam Review instructors, the course will be presented as a series of 12 two-hour modules held over a six-week period (February 28, 2006 thru April 6, 2006). ASCE's very popular live web seminar format will be used. These programs use teleconferencing and live transmission over the web to make the courses, live, interactive learning experiences. You will be able to ask the instructors questions and get live, real time answers. You will receive course materials prior to the course and will be able to view the instructors' PowerPoint slides during the course. To view the pdf or to register, please go to <http://www.asce.org/files/pdf/conted/newpereview.pdf>.

Register Early, Space is Limited! Registration Deadline February 21, 2006.

Continuing Education Webinars

For more information on ASCE's webinars, go to http://www.asce.org/conted/distancelearning/online_web_seminars.cfm

Delegation: Why Put Off Until Tomorrow What Someone Else Can Do Today?
March 1 Noon-1:00 PM Eastern Time

Technology Strategy for Engineering Firms: Part II
March 2 Noon-1:00 PM Eastern Time

Access and On-Site Circulation for Commercial Development: Part I
March 7 Noon-1:00 PM Eastern Time

Speaking to Make Good Things Happen: Preparing, Presenting and Following up
March 8 Noon-1:00 PM Eastern Time

Access and On-Site Circulation for Commercial Development: Part II
March 14 Noon-1:00 PM Eastern Time

Employee Evaluation and Development—The Key to Performance Improvement
March 15 Noon-1:00 PM Eastern Time

Renovation of Steel-Framed Buildings
March 21 Noon-1:00 PM

Improved Project Communication: Within and Outside of the Project Team
March 22 Noon-1:00 PM

An Introduction to Roadside Delineation and Safety Systems
March 28 Noon-1:00 PM
Managing Change: Tackling the Big Leadership Challenge
March 29 Noon-1:00 PM

Other ASCE-VT Section News

NEWS RELEASE

For immediate release – January 11, 2006

Contacts:

Alison Smith, editor/PR specialist – 802-886-2261

DUFRESNE-HENRY DVD WINS 2005 COMMUNICATOR AWARD Film Celebrates 50 Years in Business

N. SPRINGFIELD, Vt. (January 11, 2006) — A 20-minute DVD that celebrates Vermont firm Dufresne-Henry's 50th anniversary has received an Award of Distinction from the Communicator Awards 2005 video competition.

The Award of Distinction recognizes film, video and multimedia projects that exceed industry standards for excellence in communication. Titled "Celebrating the Journey," Dufresne-Henry's DVD chronicles the history of the company as it progressed from a small, two-person office in Vermont to a 300-employee-strong firm with 15 offices throughout the Northeast and Florida.

Independent filmmaker Catherine Hughes of Charlotte, Vermont scripted and produced the film in partnership with Dufresne-Henry's marketing department. The video features interviews with the company's founders, past and present employees,

and representatives of some of the firm's clients, including the town of Westford, Massachusetts, the city of St. Cloud, Florida, and the Massachusetts Port Authority.

The Communicator Awards competition was founded by communication professionals and receives thousands of entries from all 50 states and a number of foreign countries every year. This is the first year Dufresne-Henry has entered the video competition.

The firm recently won two other Communicator Awards for its print magazine, *Prospectus*.

Dufresne-Henry is an engineering, planning, landscape architecture, and environmental sciences firm committed to improving the places in which we live, work and play. The company serves its clients from 15 offices throughout the Northeast and Florida.

Engineers . Planners . Landscape Architects . Environmental Scientists
54 Route 106, PO Box 29 North Springfield, VT 05150-0029
Voice: 802-886-2261 Fax: 802-886-2260 E-mail
asmith@dufresne-henry.com

Offices in:
Rochester, Saratoga Springs, Newburgh and Pawling, New York
South Burlington, Montpelier and North Springfield, Vermont
Port Charlotte, Sarasota and St. Cloud, Florida
Northampton and Westford, Massachusetts
Portland and Presque Isle, Maine
Manchester, New Hampshire

UPDATE YOUR CONTACT INFORMATION

The Vermont Section of ASCE depends on its membership to update their member information with ASCE National. Shawn Kelley, our secretary, has access to the ASCE member database for Vermont, from which he is able to compile our electronic newsletter distribution list. Members who wish to be included in the electronic newsletter distribution, but who do not want to give their e-mail address to ASCE National or members who would like to receive a paper copy of the newsletter by mail should contact Shawn; see address in footer.

MESSAGE FROM THE EDITOR

The Green Mountain Civil Report is the newsletter of the Vermont Section of the American Society of Civil Engineers. This newsletter intends to keep you up-to-date on the activities of civil engineers around our state.

Did you or your firm recently complete an interesting project that others would enjoy reading about? Does your firm have an engineering position open? Are you an ASCE member looking for a new position? Do you know of an upcoming engineering seminar or conference? If so, please send in a brief note to the Green Mountain Civil Engineering Report.

Please feel free to contact us with your announcements. We will work hard to get them included in the newsletter. The newsletter is typically distributed via email, however if you would like a hard copy or if you are not receiving the E-Newsletter and would like to please contact Shawn Kelley (Secretary and Newsletter Editor) at skelley@geodesign.net or any of the officers listed below.

Job Offerings

Submit Job openings to skelley@geodesign.net for posting.

OTHER ANNOUNCEMENTS OF INTEREST

1) VT ENGINEERS/ CONTRACTORS SKI/RIDE DAY

Thursday – February 9, 2006
SUGARBUSH NORTH

Meet at Sugarbush North base lodge by 8:45 am

Group rate Lift Ticket price is \$38

Please bring cash or check as resort likely will require a Lump Sum payment from the group to issue lift tickets all at one time.

Join us for Apres ski/ride at Egan's as the sun sets. Egan's is located at Rt 17 and Rt 100. Dinner will be at 5:30 and the cost is \$28 plus tax and tip. We can each pay individually at Egan's.

Please let us, (Steve Wolf or Doug Williams) know by February 3 if you plan to participate, and will be joining us for dinner.

If you are a season pass holder, let us know too so we won't include you in the lift ticket count.

We look for to seeing everyone on the slopes at Sugarbush North on February 9! And pray for lots of Snow!

Steve Wolf

CONTECH CPI, Inc.
603-526-7496 office
802-233-9110 cell
603-526-7499 fax
swolf@contech-cpi.com

Doug Williams
AH Harris Inc
802-371-8781 cell
dougterryW@aol.com

2) ORDER OF THE ENGINEER



Are you proud to be an engineer?
The Order of the Engineer has as its stated purpose "to foster a spirit of pride and

responsibility in the profession to bridge the gap between training and practice and to present the public with a visible symbol identifying the engineer." The engineer's role in the development and implementation of technology is pivotal. The incredible advancement of civilization, especially since the Industrial Revolution has been, in large part, due to the crucial role played by engineers. Our application of the sciences continues to directly affect the quality of life. No other profession exerts such a profound, long-term impact on mankind.

Since the use of our skills has great potential, we must realize that with this ability comes an obligation: an obligation to hold as our primary concern the welfare of humankind; to appreciate our place within engineering's history by acknowledging that we excel while standing on the shoulders of generations of engineers; and a responsibility to hold fast the high ideals and ethics of the engineering profession.

We invite you to formalize this personal commitment by joining *The Order of the Engineer*; taking the obligation and wearing the ring, symbolic of your adherence to these ideals. You will be joining over 40,000 engineers in 100 links (or chapters) from 50 states and Canada who are united by The Order of the Engineer. Any engineer is eligible to participate if he or she has graduated, or will be graduating within two semesters, from an ABET-accredited engineering program, or holds a license as a Professional Engineer. *You MUST be present at the ceremony in order to be certified as a member of the Order and to receive the ring.*

This year the University of Vermont Order of the Engineer Ceremony will begin promptly at **4:30 p.m. on Friday, February 24, 2005 at the Sheraton Burlington.**

The ceremony is brief (about 30 minutes) If you are interested in publicly avowing your pride in being an engineer, please complete the

information form and bring it, together with your **\$15.00** check (made out to Order of the Engineer - **no cash, please**) to the Engineers Banquet on February 24th. We will have a ring sizer there to determine the size of your ring.

Please note that this is a *one-time* payment. There are no annual dues, fees, or donation requests and your name will not appear on any mailing list.

Sincerely,

Jean-Guy Béliveau, Ph.D. P.E.

Order of the Engineer, Link No. 89

Vermont Board of Governors

3) **ENGINEERS DAY UNDER THE DOME**

All Vermont Engineers are invited to gather in the Card Room at the Statehouse on Wednesday March 30, 2006 from 8am-2pm. Representatives from the state engineering societies will be available to discuss issues that are of interest to the engineering community. We welcome all to attend and meet the local professionals dedicated to protecting the health, safety and welfare of the general public.

4) **2006 Electrical Transmission Conference on Electrical Transmission Line and Substation Structures**

STRUCTURAL RELIABILITY IN A CHANGING WORLD

OCTOBER 15-19, 2006 BIRMINGHAM, AL

Exchange ideas and technical knowledge as you meet with friends and colleagues during this five day hands-on conference.



For more information and to register:

Call: 703-295-6095

or Visit:

www.seinstitute.org

**SPACE IS LIMITED SO
REGISTER EARLY!**

2005/2006 ASCE Vermont Section Officers

Past President: Lynnette Whitney, P.E.

(LWhitney@dubois-king.com)

President: Shawn Patenaude, P.E.

(SPatenaude@Dubois-King.com)

President Elect: Chantal Beliveau, P.E.

(ChantalB@EngineeringVentures.com)

Treasurer: Lynnette Whitney, P.E.

(LWhitney@dubois-king.com)

Secretary: Shawn Kelley, E.I., Ph.D.

(skelley@geodesign.net)

Director: Sherward Farnsworth, P.E.

(Sherward.Farnsworth@state.vt.us)

Director: Jean-Guy Beliveau, P.E., Ph.D.

(beliveau@emba.uvm.edu)

YMF President: Stephanie Zehler, E.I.

(stephaniezehler@gmail.com)

Vermont Engineers Week 2006

<u>Event</u>	<u>Date</u>
UVM Competitions	02/16/06
Order of the Engineer Ceremony	02/24/06
Engineers Week Banquet	02/24/06
Engineers Day Under the Dome	03/30/06

This year National Engineers Week will be celebrated from February 19th to the 25th. We will start the week early with UVM Competitions on Thursday the 16th at 9am. During the week there will be events, presentations, displays and competitions with many contributing engineers from all over Vermont.

E-Week Events

Student Activities

Several colleges in Vermont have planned E-Week festivities of their own. These festivities include competitions, speakers and special presentations.

The University of Vermont will be hosting their annual Edible Car, Egg Drop, Rube Goldberg, Bottle Rocket and Pasta Bridge competitions, as well as having interesting speakers and presentations. It will be fun for all who attend. Competitions will be held **Thursday, February 16th from 9:00 am to 3:00 pm**. For more information, contact the **Dept. of Engineering and Mathematics at 656-3390** or visit <http://www.emba.uvm.edu/EWeek>.

Norwich University will be conducting their annual E-week activities including a 2 Person Sled Relay, Snow Sculptures, and Engineer Athletics throughout the week. For more information contact **Carol Stephens at cstephen@norwich.edu or 485-2278**.

Order of the Engineer

This ceremony is an opportunity for an engineer to formalize his or her commitment to the engineering profession. This year's ceremony will be held at the Sheraton Hotel and Conference Center on Friday, February 24, and will begin at 4:30 p.m. If you're interested in participating in this ceremony, or require more information please contact **Gail Currier at 656-3800**.

Engineers Week Banquet

Engineers Week festivities will close with the annual Banquet. It will be held at the Sheraton Hotel and Conference Center, on Friday, February 24.

Ms. Jeannie Satink and Mr. Lucas Jenson from Ben & Jerry's are this year's keynote speakers. Jeannie and Lucas will present the humanitarian relief efforts of Ben & Jerry's employees during the aftermath of Hurricane Katrina.

The Reception will begin at 5:30 pm at the National Life Building. Dinner will be served at 6:30 with awards and presentation to follow.

The cost is \$35 (\$20 for students). If you wish to only attend the presentation without dinner, the cost is \$10.00.

Please **RSVP to Jill Marsano by Feb. 17th at jmarsano@forcieraldrich.com or 879-7733**.

Engineers Day Under the Dome

All Vermont Engineers are invited to gather in the Card Room at the Statehouse on Wednesday March 30, 2006 from 8am-2pm. Representatives from the state engineering societies will be available to discuss issues that are of interest to the engineering community. We welcome all to attend and meet the local professionals dedicated to protecting the health, safety and welfare of the general public.



Additional Information

If you have any questions regarding E-Week please contact **Greg Goyette, at Dufresne-Henry, 864-0223, x150** or ggoyette@dufresne-henry.com.

Check out the National Engineers Week website at www.eweek.org for information on programs, products and events.





Sheraton Hotel and Conference Center

870 Williston Road
Burlington, VT

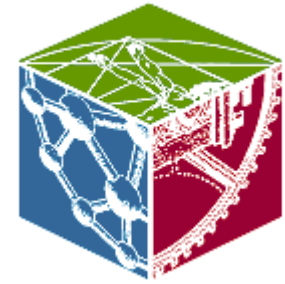
From Interstate 89:

- Take Exit 14W toward Burlington.
- Merge onto U.S. Route 2 West.
- Turn right into Sheraton Hotel and Conference Center Drive.

Vermont Engineers Week Committee
c/o VSPE
P.O. Box 8765
Essex, Vermont 05451

Vermont

Engineers Week 2006



National Engineers Week Feb. 19th to 25th