

***The Green Mountain Civil Report****Newsletter of the Vermont Section of the American Society of Civil Engineers**Website <http://sections.asce.org/vermont>***2006/2007 ASCE Meeting Schedule**Date                      Event

*No information at time of printing newsletter.*

Look in the August Newsletter for 2006/2007 meeting schedule

**May Meeting Review****Synopsis:**

Sherward Farnsworth, P.E. from the VAOT presented the Lime Kiln bridge project to a large capacity crowd (47 members!) at the Lincoln Inn in Essex Junction, VT. An overview/history of the Lime Kiln Bridge project was presented in a terrific and informative slide show. Before the dinner meeting, Sherward led the group on a site tour of the old and new Lime Kiln Bridges.

The dinner meeting also included our year end VT Section ASCE meeting. The new officers for the 2006-2007 year were sworn into office by Mr. Paul Moyer, P.E., M. ASCE, Director in Region 1. Mr. Moyer also described the new regovernance of ASCE to our Section. Please log on to [www.asce.org](http://www.asce.org) to see a flow chart of the new regovernance of ASCE.



Sherward describing the Lime Kiln Project to the group.



The group overlooking the Lime Kiln Bridge project.



View of the old bridge and construction of the new Lime Kiln Bridge (as of 5/24/06).

## **ASCE VT Section News**

### **WE ARE UPDATING OUR WEBSITE!**

We are in the process of updating the ASCE VT Section Website. Please visit <http://sections.asce.org/vermont> to see what we have done so far. Please submit any requests for content to our Webmaster: Shawn Kelley at 802-674-2033 x 109 or at [skelley@Geodesign.net](mailto:skelley@Geodesign.net).

### **ASCE MEMBERSHIP DUES**

If you have not paid your ASCE dues for 2006, please do so ASAP. Members who still have not

renewed their 2006 dues are now in arrears. You will not receive Civil Engineering magazine or ASCE News, plus you now lose other valuable ASCE benefits including:

- Membership in a Section/Branch
- Member-only discounts on ASCE products and services
- Government and Public Relations programs like ASCE's Key Contact Program
- Free half hour Cybarian research

You can get all of these benefits back by renewing online at [www.asce.org/renewal](http://www.asce.org/renewal) or by calling (800) 548-ASCE (2723).

***PLEASE RENEW TODAY!***

## ASCE VT SECTION FUND RAISER

DO YOU HAVE AN OLD CELL PHONE?????

Consider donating your old cell phone to the ASCE VT SECTION. We will take your phone and turn it into cash and use it for our ASCE VT Section. We use donations to support local ASCE Student Chapters and VT Section sponsored events. Please consider mailing your cell phone to Shawn Kelley at GeoDesign, Inc. P.O. Box 699, Windsor, VT 05089.

## IN MEMORY

Our Vermont Section of ASCE had one of its members pass away recently. Our thoughts and prayers go out to the Hamlin family.

### Donald Lewis Hamlin, P.E., L.S., Member of American Society of Civil Engineers

DONALD LEWIS HAMLIN, P.E., L.S., Essex Junction, VT – Donald L. Hamlin, 74, died peacefully at home surrounded by his family on May 12, 2006. Born in Binghamton, NY on February 10, 1932, the son of Lewis Perigo Hamlin and Juanita Krager Hamlin, he grew up in Montrose, PA, graduating from Montrose High School. A member of the Montrose Fire Department and Montrose Ski Bowl Ski Patrol, his service to the community started at a very early age. A member of the United States Marine Corps, he attended the US Naval Academy Prep School and the US Naval Academy. He married Mary Margaret Allison of Montrose on February 14, 1953. His career as a Civil Engineer started in New York and took him to Maryland, Vermont, New Jersey and the US Virgin Islands. A licensed multi-engine pilot, he turned down an opportunity to fly commercial aircraft and instead founded Donald L. Hamlin Consulting Engineers, Inc. in Vermont in 1965, opening a branch office in the US Virgin Islands in 1985. He served as President of the firm from 1965 to present and was a Registered



Professional Engineer in the States of VT, Maine, NH, and USVI and a Licensed Surveyor in Vermont holding license number 29. He served as President of both the Vermont Society of Land Surveyors and Vermont Society of Engineers. A member of the National Society of Professional Engineers, Life Member of the American Society of Civil Engineers, American Society of Military Engineers, ACSM, AWWA, and served on the Faculty Advisory Board of the Norwich University College of Engineering.

Service to his community included being a charter member of the Essex Rotary Club, a Paul Harris Fellow, acting as President from 1985-86. He was a member of the Jaycees. Don was Chair of the Village of Essex Junction Planning Commission, Chair of the Chittenden County Regional Planning Commission and served as Guardian Ad Litem to the Vermont Courts. He served with great pleasure for 20 years as a member of the Champlain Valley Exposition Board of Directors, acting as President from 1991-94.

As one of the first EMT-A's in Vermont, Don was a founder and charter member of Essex Rescue, serving from 1971-78 as a EMT Instructor, Trustee, Vice President and President. A Lifetime Member of the National Ski Patrol, serving during his 35 active years as a Patroller, Patrol Leader at Glenwood Acres, NY and Smugglers Notch, VT (1964-1978), Section Chief and WNY Region Director and served as the Eastern Division First Aid Advisor. He was awarded National Appointment #2265, and received numerous awards for his service to the NSP. Don was proficient in high angle rescue and recipient of the coveted Rams Head. He served many years on the Northern Vermont Chapter of the American Red Cross Board of Directors and as Chairman 1984-86, and served on the Vermont Board of Health.

A kind gentleman with a subtle sense of humor and delight for life, he enjoyed the outdoors, skiing, riding horses, tennis, hiking the Long Trail, camping with his grandchildren and family, and riding his motorcycles across the country. More recently his adventures were found in books.

Don is survived by his wife, Mary Margaret (Peg) Hamlin, son Richard F. Hamlin, P.E., and his wife Kathleen Laverty, granddaughters Allison Hamlin and Ariel Hamlin, all of Essex Junction; sister Marian Watson of Montrose, PA, nephews John Watson, Gary Watson, and David Watson, nieces Carol Martin Scott and Linda Martin; and sister-in-law Elizabeth Allison. Don was predeceased by son Geoffrey L. Hamlin and sister Helen Martin.

## UPDATE YOUR CONTACT INFORMATION

The Vermont Section of ASCE depends on its membership to update their member information with ASCE National. Please make sure ASCE has your latest contact information by calling 800-548-ASCE (2723) or visiting [www.asce.myprofile.org](http://www.asce.myprofile.org) to update your record.

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 US mail should contact Shawn; see contact information on the first page footer.

## Civil Engineering Companies in Vermont: News and Announcements

### STANTEC CONTINUES TO GROW AND IMPROVE

#### **Stantec has just acquired ACEX Technologies, Inc.**

Stantec announced today that it has completed the acquisition of communications system engineering firm ACEX Technologies, Inc. ACEX is a 25-person firm specializing in transit, rail and power communications, and control systems engineering. This acquisition will add new locations for Stantec in Oakland, California, and Irving, Texas.

ACEX has provided systems engineering expertise for the development of many light rail transit (LRT) systems in the western United States, as well as supervisory control and data acquisition (SCADA) and other control systems for power utility authorities. In addition, ACEX has recently started providing engineering services for the design of airport security systems.

“Acquiring ACEX helps to broaden our service offerings,” says Stantec President & CEO Tony

Franceschini. “ACEX’s expertise and leadership in control and communication systems engineering are in the top tier and are complementary to the services we provide in several of our practice areas.”

Since 1979 ACEX Technologies, Inc. has been a leader in the communications solutions field with a specialization in light rail transit. Transit clients that ACEX has provided engineering services for include Bay Area Rapid Transit system (BART), Santa Clara Valley Transportation Authority (VTA), Caltrans in the San Francisco Bay Area; Tri-Met in Portland, Oregon; Dallas Area Rapid Transit (DART); Sound Transit in Seattle, Washington; Los Angeles County Metropolitan Transportation Authority (LACMTA) in Los Angeles, California; Metro in St. Louis, Missouri; Hiawatha LRT in Minneapolis, Minnesota; and Metropolitan Transit Development Board (MTDB) in San Diego, California.

“Joining with Stantec is a wonderful opportunity for our employees and clients,” says Raymond Louis, President, ACEX Technologies, Inc. “With Stantec’s North American reach, we will have the ability to apply our expertise in exciting projects across the continent.”

#### **Stantec Designs New Gateways on Vermont Scenic Highway - Gateways Honor Army’s 10th Mountain Division**

Visitors to the Smugglers’ Notch Scenic Highway can now find more information about the environment and history of the surrounding area through new gateway facilities constructed at both ends of the corridor.

Stantec Consulting Inc. designed the southern gateway facility, which includes a parking area, landscaping, and an informational kiosk to inform visitors about the recreational opportunities in the area as well as its history. Stantec also designed a similar kiosk for the northern gateway.

The gateways welcome visitors to the Smugglers’ Notch Scenic Highway, a 3.5-mile stretch of road on VT Route 108 offering views of Mount Mansfield, Vermont’s highest peak. The new kiosks at the gateways inform visitors not only about the Smugglers’ Notch area, but also about the highway’s dedication to the Army’s 10th Mountain Division, a special Army unit trained to fight in mountain terrain, often on skis.

The recent ribbon-cutting ceremony to officially open the gateways honored the 10th Mountain Division by rededicating the roadway and placing a time capsule of stories about the dedication and copies of the division’s newsletter at the base of Smugglers’ Notch.

Stantec has also begun designing the next phase of improvements for the corridor, which includes two new restroom facilities that use environmentally friendly

compost toilets and reconstruction of a parking area near the top of the Notch.

**Stantec climbs the ranks of world's top design firms**

Local design firm Stantec, with nearly 100 employees in Vermont, has been ranked the 40<sup>th</sup> largest design firm in the world according to industry authority Engineering News-Record (ENR) in the magazine's annual listing of the Top 150 Global Design Firms. The rankings, announced this week, are based on total company revenues. Stantec ranked 47<sup>th</sup> and 50<sup>th</sup> in 2005 and 2004, respectively.

ENR also recently released their listing of the Top 500 Design Firms in the United States. Stantec was listed as the 58<sup>th</sup> largest firm in the country based on revenues generated from US operations. The Company has more than 50 offices and over 2,400 employees in 21 states throughout the US.

For more information on the ENR Design Firm rankings, please visit the magazine's web site at [www.enr.com](http://www.enr.com).

For more information please visit: <http://announcements.stantec.com/acex>

*Stantec, founded in 1954, provides professional design and consulting services in planning, engineering, architecture, surveying, and project management. We support public and private sector clients in a diverse range of markets, at every stage, from initial concept and financial feasibility to project completion and beyond. Our services are offered through more than 6,000 employees operating out of over 80 locations in North America and the Caribbean. Stantec trades on the Toronto Stock Exchange under the symbol **STN** and on the New York Stock Exchange under the symbol **SXC**.*

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**REQUEST FOR STATEMENTS OF QUALIFICATIONS**

Statements of Qualifications (SOQ's) will be received by the Town of Barnet, Vermont for engineering assistance

related to improvements at the Harveys Lake Dam. A detailed information packet for the SOQ's is available from the Barnet Town Clerk at 802-633-2256 or on the Barnet Web Page at [www.BarnetVT.org](http://www.BarnetVT.org). SOQ's are due on or before 4 PM August 11, 2006.

*If your company has any news you would like to share with other ASCE members, please submit your article to Shawn Kelley, VT Section Secretary and Newsletter Editor at [skelley@geodesign.net](mailto:skelley@geodesign.net).*

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**ASCE National Information**

**CONTINUING EDUCATION**  
**WEBINARS**

*For more information on ASCE's webinars, go to [http://www.asce.org/conted/distancelearning/online\\_webseminars.cfm](http://www.asce.org/conted/distancelearning/online_webseminars.cfm)*

An Introduction to Roadside Delineation and Safety Systems Newly **Updated**  
August 1            Noon - 1:30pm

Renovation of Building Facades **New Webinar**  
August 2,            Noon - 1:00pm

Renovation of Pre-Engineered Buildings **New Webinar**  
August 8            Noon - 1:00pm

Delegation: Why Put Off Until Tomorrow What Someone Else Can Do Today?  
August 9            Noon - 1:00pm

Tort Liability ~Part I: The Public Agency Perspective **New Webinar**  
August 15            Noon - 1:30pm

Satisfying Customers (Clients)... What Does it Take?  
August 16            Noon - 1:00pm

Tort Liability ~Part II: The Civil Engineer's Role as a Witness **New Webinar**  
August 2            Noon - 1:30pm

Speaking to Make Good Things Happen: Preparing, Presenting and Following Up  
August 23            Noon - 1:30pm

Renovation of Slabs on Grade  
August 29            Noon - 1:00pm

Scope Creep: Preventing and Resolving  
August 30            Noon - 1:00pm

## ASCE SUMMER 2006 CONTINUING EDUCATION SEMINARS

In our continuing effort to offer Continuing Education Seminars, we are pleased to announce the following seminars scheduled in our Region I from September 2006 through March 2007:

Techniques for Pavement Rehabilitation  
September 13-15, 2006 Boston, MA

NPDES Stormwater Permit Compliance  
September 21-22, 2006 Boston, MA

Structural Design of Industrial Facilities  
September 21-22, 2006 Manchester, NH

Water Quality Modeling  
September 21-22, 2006 Portland, ME

Structural Design of Buildings and Industrial Facilities for  
Blast Loads and Accidental Explosions  
September 25-26, 2006 Boston, MA

Structural Vibration Analysis, Design and Troubleshooting  
September 27-29, 2006 Boston, MA

Construction Administration for Engineers (Construction)  
October 5-6, 2006 New York City Metro Area

Pumping Systems Design (Hydraulics)  
October 12-13, 2006 Portland, ME

Structural Design of Residential Bldgs Using the 2003  
International Residential Code (Structural)  
November 2-3, 2006 Burlington, VT

Seismic Design of Highway Bridges (Structural)  
November 9-10, 2006 New York City Metro Area

Low Impact Development (Hydraulics/Environmental)  
January 11-12, 2007 Burlington, VT

Residential Land Development Practices (Construction)  
February 8-9, 2007 Providence, RI

Soil Constitutive Modeling For Engineers: Fundamentals,  
Evaluation and Calibration (Geotechnical)  
February 8-9, 2007 New York City Metro Area

Seismic Design and Performance of Bldg Structures  
(Structural)  
March 1-2, 2007 New York City Metro Area

These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department.

Detailed descriptions of the seminars (by title) are available on ASCE's website at [www.asce.org/conted/seminars](http://www.asce.org/conted/seminars).

If you have questions or need assistance, please contact Kelly Jarvis, Continuing Education Registrar at [kjarvis@asce.org](mailto:kjarvis@asce.org), or Michael Cook [mcook@asce.org](mailto:mcook@asce.org).

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## ASCE National News

### ASCE CALL FOR DISASTER ASSISTANCE VOLUNTEERS

Each time a natural disaster occurs, such as Hurricane Katrina, or a man-made event, such as the terrorist attacks of 9/11, ASCE members generously volunteer their time and talents to assist in response and recovery initiatives, and look to ASCE to provide an avenue to do so. The ASCE Committee on Critical Infrastructure (CCI), in response to our members' desire to lend support to such efforts, is developing a directory of members who express their interest and availability to assist. CCI is currently seeking volunteers to participate in disaster management activities (planning, preparedness, response, and recovery) on an as-needed basis. The information provided will be included in a directory for the ASCE Disaster Assistance Volunteer Program to use in the event of natural and man-made disasters requiring engineers for planning, damage assessment, and rebuilding efforts.

The ultimate goal of the directory is to be prepared to respond to future disasters by employing the expertise of qualified members. Data provided may be made available upon request to qualified parties including local, state, and federal agencies, as well as, private consulting firms seeking professional engineering expertise. Beginning June 1, 2006, members will be able to update their ASCE member profiles by providing additional disaster assistance related information for inclusion in the directory. To ensure the accuracy of the directory, members may be asked to confirm the information provided on an ongoing basis.

For additional information about the ASCE Disaster Assistance Volunteer Program, visit <http://ciasce.asce.org/>.

### A NEW SOURCE OF NEWS

ASCE's podcast, Civil E. Speaking, is a great new source for news about the civil engineering profession. With subjects ranging from the 2006 hurricane season predictions to innovations in

transportation financing, Civil E. Speaking is sure to hold the interests of all members of the profession. Please tell everyone at your Section/Branch meetings to view it out at <http://www.asce.org/podcasts>.

Also, if you have any questions or comments about the podcast please e-mail them to [govwash@asce.org](mailto:govwash@asce.org), or leave a message in Civil E. Speaking's voice mail box by calling 202-789-7853.

## CAPKA CONFIRMED AS FEDERAL HIGHWAY ADMINISTRATOR

The Senate last Friday confirmed Richard Capka, P.E., M.ASCE, as Federal Highway Administrator. Capka, recipient of the 2005 ASCE Civil Government Award, has been serving as acting administrator since the departure of Mary Peters last fall.

Capka's nomination had been held up first by Sen. John Kerry's (D-MA) concerns about Boston's Central Artery/Tunnel project while Capka headed the Massachusetts Turnpike Authority, and then by Sen. Max Baucus (D-MT) over funding for roads in Glacier National Park. Kerry's concerns were addressed during a meeting with Capka and Baucus lifted his hold after the Glacier road funds, authorized by last year's transportation bill, were released by language in another bill.

Before becoming acting administrator, Capka was deputy administrator under Peters. Previously, he served 29 years in the U.S. Army Corps of Engineers.

## INTERSTATE HIGHWAY SYSTEM TURNS 50!

Transportation leaders gathered in Washington, D.C. this week to celebrate the 50th anniversary of the interstate highway system. Thursday, June 29 marked 50 years to the day that President Dwight Eisenhower signed the Federal-Aid Highway Act of 1956, creating the Highway Trust Fund and laying the ground work for the 46,000+ mile network of interstate highways.

Speaking at a rally in Washington, D.C. celebrating the arrival of a cross-country convoy, outgoing transportation secretary Norman Mineta stated that the act "did more to bring Americans together than anything else in the 20th century." House Transportation and Infrastructure Committee chairman Don Young (R-AK) described transportation as the key to democracy, and praised Mineta's leadership through the aftermath of the September 11, 2001 attacks and also in the passage of

SAFETEA-LU last year. Rep. James Oberstar (D-MN), ranking minority member of the House Transportation and Infrastructure Committee also spoke, saying that the nation's highway system "is the heart and cornerstone of our nation's economic vitality."

For more details on the celebration, visit <http://interstate50th.org/>

## EPA RELEASES CONSOLIDATED LEAD RULES

The U.S. Environmental Protection Agency this week released revised rules regarding lead and copper in drinking water. The rules clarify changes made to the lead and copper rule after high lead levels were detected in the District of Columbia and other large cities in 2004.

The EPA earlier this year released a Drinking Water Lead Reduction Plan that outlined steps for utilities to follow in implementing the rule. The latest release consolidates those suggestions into seven proposed changes.

The proposed rule is expected to be published shortly and will be open for public comment for 60 days.

For more information visit <http://www.epa.gov/safewater/>

## BIG DIG COLLAPSE UPDATE

The shocking tally of Interstate 90 tunnel defects skyrocketed as investigators probing the Big Dig's fatal collapse fired off subpoenas to Big Dig firms they say had knowledge of ceiling flaws as far back as 1999.

With fears mounting of systemic defects in the tunnel, Big Dig officials said lanes heading east and west will remain on lockdown until criminal investigators finish collecting evidence and engineers learn the full extent of the tunnel's potential dangers.

"We can't give you a timeline on when we will have Interstate 90 back open," Big Dig boss Matthew Amorello said, adding that he has ordered an investigation of metro Boston's entire highway infrastructure inside Route 128. Since this statement, Governor Romney (MA) took over control of all safety aspects of the tunnel system and Matthew Amorello has stepped down as the Massachusetts Turnpike Authority Chairman.

The fatal collapse of 12 tons of concrete in the Interstate 90 tunnel, killing 38-year-old Milena Del Valle of Jamaica Plain and sparking an expansive criminal probe

by state and federal officials has been making national headlines for sometime.

Attorney General Tom Reilly said his office has obtained reports that show project manager Bechtel/Parsons Brinckerhoff and lead contractor Modern Continental were aware of problems with adhesive anchors used on the tunnel's ceiling as far back as 1999.

The reports also show there was a plan to fix the problem but Reilly's office is focusing on whether steps were taken to deal with the flaws.

The extent of the problems with the tunnel, which serves as a critical passageway connecting motorists to Logan International Airport, remained largely unknown as engineers continued to conduct inspections.

Big Dig officials said they have discovered 60 ceiling panels over eastbound lanes where either steel ties or bolts were coming loose. The number of defects continues to mount as inspectors examined ceilings over the westbound and HOV lanes.

The flaws discovered in the tunnel are common to a particular method of ceiling support in which contractors used bolts and epoxy to secure 3-ton concrete panels to the roof of the tunnel - a process officials said is commonly used but is also cheaper than methods employed in the Ted Williams Tunnel.

Officials with Bechtel/Parsons Brinckerhoff and Modern Continental remained mum on the investigation, with each firm issuing brief statements from spokesmen saying that they are cooperating with investigators.

In Washington, lawmakers are plotting their own probe. U.S. Rep. Stephen Lynch (D-S. Boston), a member of Congress' Committee on Government Oversight, said the board's chairman, Rep. Tom Davis (R-Va.), has agreed to conduct hearings into the latest Big Dig fiasco. Lynch said he doesn't believe the tunnels are safe.

"I can't recommend they open those roads," Lynch said. "They may go ahead and do it anyway but I just think that in spite of the inconvenience, the consequences are grave. We've got to get this thing right."

The hearings won't come until the completion of Reilly's criminal probe but Lynch said the committee has already begun sending out subpoenas to Big Dig officials for documents. (excerpts from Boston Herald)

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## **ASCE GOVERNMENT RELATIONS**

### **KEY CONTACT PROGRAM**

The ASCE Key Contact Program provides busy civil engineers with opportunities to get involved in public policy activities.

Key Contacts receive **This Week in Washington**, a weekly newsletter that provides the latest information on legislative and regulatory developments impacting civil engineering. In addition, you will receive Key Alerts on an as-needed basis. These Alerts contain timely information on important civil engineering issues and advice on how to best influence the legislative process. The Key Alert contains all the information necessary for composing a convincing letter to your member of congress. Key Alerts are time sensitive, so when you receive one, you know it is the best possible time to act. An issue may be at a critical juncture, your elected leaders are focusing on it, and they need to hear from informed constituents like yourself. Your letter at the right time can make the difference.

How effective is the Key Contact Program? It can be quite effective. ASCE's Key Contacts have made a difference on numerous issues including highway funding, math and science education, dam safety and natural hazards mitigation. We expect to repeat our successes in the future, and look forward to continued support from Key Contacts.

To become a Key Contact, simply log-on to <http://www.asce.org/pressroom/publicpolicy/keycont.cfm>

and fill out the enrollment form. After you sign up, encourage your colleagues to participate. For more information on the Key Contact Program or specific legislation, contact the Government Relations staff at govwash@asce.org, or call 202-789-7850.

### ***HERE ARE SOME POSTINGS FROM "THIS WEEK IN WASHINGTON" DIRECTLY RELATED TO VERMONT***

#### **NATIONAL DAM SAFETY PROGRAM:**

On Wednesday, July 26th the US House of Representatives Subcommittee on Economic Development, Public Buildings and Emergency Management will hold a legislative hearing on proposed amendments and reauthorization of the National Dam

Safety Program (NDSP). ASCE has been invited to testify at the hearing.

The House Transportation and Infrastructure Committee postponed the mark-up of HR 4981 this week in order to hold the hearing. Thanks to all the Key Contacts who contacted their T&I committee members in advance of the mark-up.

The NDSP, enacted as part of the Water Resources Development Act of 1996 and reauthorized in 2002, will expire in FY 2006. This modest yet vital program enables the states to improve their dam safety programs, which translates into reduced risks to life and property.

The NDSP provides training, technical assistance; research and support to states through incentive grant awards that encourage states to improve their programs. No funds under this Act are used to repair any dams. The funds are targeted to support states' oversight of dams and to advance the national effort to improve dam safety.

H.R. 4981 would reauthorize the NDSP for a total of \$12 million a year for five years, including:

- \$8 million per year to be shared by states and allocated based on the relative number of dams in each state;
- An additional \$2 million per year in research funds to identify more effective techniques to assess, construct and monitor dams;
- \$700,000 per year in training assistance to state engineers; and
- \$1 million for the National Inventory of Dams.

Other witnesses scheduled to testify at the hearing include representatives from the Association of State Dam Safety Officials, the US Army Corps of Engineers and the Federal Emergency Management Agency.

A podcast of the hearing will be available in August from ASCE's podcast page, <http://www.asce.org/podcasts>.

#### FUNDING OF HR4981

Congress should move quickly to pass H.R. 4981, a bill sponsored by Rep. Randy Kuhl (R-NY), a civil engineer, which would reauthorize the National Dam Safety Program Act, ASCE told a House subcommittee this week.

In testimony before the Transportation and Infrastructure Subcommittee on Economic Development, Public Buildings, and Emergency Management, ASCE deputy executive director Larry Roth, P.E., G.E., F.ASCE, said, "This bill would continue the task of ensuring that the nation's dams remain safe and productive for many

years to come. ASCE is pleased to encourage its enactment."

Roth said the task of ensuring the safety of dams is urgent. "As someone who has worked in this field for many years, I can say that there are few infrastructure issues of greater importance to more Americans today than dam safety," he said.

Roth also urged quick passage for H.R. 1105, the Dam Rehabilitation and Repair Act, introduced by Rep. Sue Kelly (R-NY) that would provide \$350 million over four years for repairs to publicly owned dams across the United States. ASCE's 2005 Report Card for America's Infrastructure gave dams a grade of D, citing a \$10.1 billion need over the next 12 years to address critical repairs to non-federal dams.

Also testifying in support of both bills were David Maurstad, director, Mitigation Division and Federal Insurance Administrator, Federal Emergency Management Agency; Donald Basham, P.E., M.ASCE, chief, Engineering & Construction Division, U.S. Army Corps of Engineers; David P. Kelly, county legislator, District 23, Dutchess County, New York; Ruth A. Moore, deputy commissioner, Natural Resources and Water Quality, Department of Environmental Conservation, State of New York; and Kenneth Smith, P.E., M.ASCE, president, Association of State Dam Safety Officials, assistant director, Indiana Department of Natural Resources Division of Water.

ASCE worked closely with Rep. Kuhl and cosponsor Rep. James Matheson (D-UT) to draft H.R. 4981, as well as Rep. Kelly on H.R. 1105. Key Contacts are encouraged to support both bills by contacting their Representatives in support of passage. Visit the "Six Clicks" advocacy website at <http://www.asce.org/advocacy.html> to read background and send a message directly to your Representative.

For more information on the nation's dams visit <http://www.damsafetycoalition.org>

### ASCE'S INTERNET ADVOCACY WEBSITE

("Six Clicks" Advocacy Website - <http://www.asce.org/pressroom/publicpolicy/advocacy.cfm>)

An easy way to connect with your legislators to...

- Send your federal or state representative a message on current civil engineering legislation.

- Learn about issues and bills affecting civil engineering that are active in congress and your state legislature.
- Track how your U.S. Representative and Senators voted on key ASCE bills.

## **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 projects 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](mailto:skelley@geodesign.net) or any of the officers listed below.

## **Job Offerings**

### **1. GeoDesign, Inc.**

#### **Geotechnical Engineer**

GeoDesign, Inc. is seeking applicants for geotechnical engineering opportunities in VT and CT. Positions include internships and full-time assignments. Visit our website at [www.geodesign.net](http://www.geodesign.net) for company contact information.

### **2. Engineering Ventures, Inc.**

#### **ENGINEERS**

#### **Civil/Site and/or Structural Project Managers & Engineers**

Progressive engineering firm seeks experienced, creative engineers to become part of a highly reputable, local and growing firm engaged in a wide range of high quality private and public design projects. Positions in Burlington, Vermont and Lebanon, NH. Submit letter of interest and resume to: [trishd@engineeringventures.com](mailto:trishd@engineeringventures.com) or fax to 802-863-6306

### **3. Devine Tarbell & Associates, Inc.**

Devine Tarbell & Associates, Inc. (DTA) is a 140 person company providing consulting services to the hydroelectric power, water resources, and renewable energy industries seeking applicants for these positions:

**Senior Electrical Engineer**, P.E., with a minimum of 10 years experience in design and operational support of power generating stations. Primary responsibilities will include executing electrical power transmission, generation, instrumentation, and control designs and specifications for the hydroelectric industry (Portland, ME)

**Senior Civil/H&H Engineer**, P.E., with an MS in Civil Engineering and 10 years of experience with an emphasis in water resources; specifically hydrology and hydraulics. Primary responsibilities will be to perform H & H engineering for licensing, evaluation and design of hydroelectric facilities and systems. (Portland, ME)

**Senior Mechanical Engineer**, P.E., B.S. in Mechanical Engineering with 10 years experience. Primary responsibilities will include support role for developing hydro mechanical project solutions for both modernization and new power projects and assist with existing facility and equipment condition assessments, studies, designs, calculation, cost estimates and specification development. (Portland, ME)

**Environmental Compliance Specialist** Seven years of environmental regulatory experience and preferably a science and/or engineering background with relevant education (B.S. or M.S.). Familiarity with environmental management systems such as ISO 14001 is a plus. (Syracuse, NY).

**If interested, please send cover letter and resume to [hr@devinetarbell.com](mailto:hr@devinetarbell.com)**

**Devine Tarbell & Associates, Inc. is an Equal Opportunity employer.**

#### **4. Dyer, Riddle, Mills & Precourt, Inc.**

**Dyer, Riddle, Mills & Precourt, Inc.** - Trust a Consulting Leader See attached.

Exciting opportunities await engineers as Florida is in demand due to growing building and transportation needs! DRMP has offices located strategically throughout Florida from Pensacola to Fort Lauderdale offering a diverse selection of living and housing choices.

Florida has the fastest job growth rate and the lowest unemployment rate in the top most populous states in the nation and the highest number of new jobs in the nation. Eight of our Florida office locations are listed as CNN/Money's Best Places to Live in Florida. Personal & professional enjoyment is found in our coastal beaches, championship golf courses, beautiful homes, family communities, and a stable job market. These are some of the fantastic reasons why people are discovering Florida as a new desirable place to live!

Florida is experiencing growth and with that comes the design and creation of transportation facilities, land development, buildings, environmental studies, and the need and desire for alternative fresh ideas. Come and be a part of creating the Florida of the future by joining DRMP!

DRMP currently has openings for a full range of Civil Engineering and Surveying Professionals. Salary is based on qualifications, excellent benefits package, tremendous growth opportunities, EEO. E-mail resume to [humanresources@drmp.com](mailto:humanresources@drmp.com) (Website [www.drmp.com](http://www.drmp.com))

*If your company has any job opening, please submit them to Shawn Kelley, VT Section Secretary and Newsletter Editor at [skelley@geodesign.net](mailto:skelley@geodesign.net) for posting.*

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## **UPCOMING EVENTS**

### **1) PIPELINES 2007: BOSTON**

Abstracts Due: September 15, 2006

The ASCE International Pipeline Conference 2007 is the ideal forum for attendees to increase their knowledge and connect with fellow pipeline professionals. The theme for this international event is Advancements & Experiences with Trenchless Pipeline Projects. The conference will highlight the evolution of trenchless products, processes, and projects, and emphasize associated design, permitting and construction considerations.

For additional information and online abstract submission, please visit

<http://content.asce.org/conferences/pipelines2007/>

### **2) UPADI 2006 – September 19-22**

G. Wayne Clough, Georgia Institute of Technology president, will discuss global engineering education at UPADI 2006, the Pan American Convention of Engineers, on Sept. 19-22, in Atlanta. The four-day conference, hosted by Georgia Tech, will address "Building a Sustainable Infrastructure: Education, Technology, Innovation, and Economic Development." Log on to [www.upadi2006.com](http://www.upadi2006.com) for more information.

### **3) 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**

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## **SPACE IS LIMITED SO REGISTER EARLY!**

### **4) ASCE Civil Engineering Conference 2006 OCTOBER 18-22, 2006 CHICAGO, IL**

Join General Barry R. McCaffrey, USA (Ret.) to explore "Surviving the Future" as he delivers his keynote address at the 2006 Annual Civil Engineering Conference. This year's conference will take place at the Westin Chicago River North Hotel October 19-21, 2006. Technical sessions addressing the issues of surviving future natural disasters and planning for adequate security to maintain public safety have been planned. A student program as well as several technical tours will be offered. Please visit us at: <http://content.asce.org/conferences/asce2006/>.

**Sunday, October 22, 2006**

**7:30 A.M. — 5:00 P.M.**

**Rebuilding Together, location to be determined.**

The ASCE Committee on Volunteer Community Service and Rebuilding Together®, an organization devoted to revitalizing houses for low-income homeowners, proudly announces their fourth annual community service event at the Annual Conference. Last year's event in Los Angeles involved installing an indoor ramp, painting, outdoor bench and table replacement, repairing damaged bridge railings, and more.

Don't miss this opportunity to put your engineering skills to work for a good cause and help us make a difference in Chicago!

If you are interested in participating, please contact Alicia Karwoski at 800-548-2723 ext. 6324 or [akarwoski@asce.org](mailto:akarwoski@asce.org).

### **5) 2007 Ports™ “30 Years of Sharing Ideas...1977-2007”**

Join us March 25-28, 2007 in San Diego, CA. This will be the eleventh in a series of international port and harbor development specialty conferences held on a tri-annual basis. The conference will feature technical short courses, plenary session, concurrent technical sessions, exhibition and technical field tours to sites of interest in San Diego Harbor. For additional information visit us at: <http://www.portsconference.org>.

### **6) Coastal Sediments 07: The Intercontinental Hotel is open and ready for our business!**

**Call For Papers now open; abstracts are due by May 16, 2006.** Be sure to join us in New Orleans, May 13-17, 2007 for an international exchange of information

among coastal engineers, geologists, marine scientists, shallow water oceanographers and others interested in the physical processes of coastal sediments transport and morphology change. For additional information visit us at: <http://www.asce.org/conferences/cs07>.

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