



Spring Newsletter

President's Message:



As I write, winter is still lingering on, but the signs of spring—pot holes, frost heaves, and mud— are popping up everywhere. The Governor and State Legislature are working through the State budget process. This process will have significant impacts on

the public works community, including decreased funding for the New Hampshire Department of Environmental Services and New Hampshire Department of Transportation, which will affect such items as city and town highway block grants, projects in the State Ten-Year Transportation Plan, and funding for municipally-managed projects to recruitment of employees. I encourage all members to track and participate in the legislative process. You can have an impact by keeping your local legislator informed on the impacts to your town or going to Concord to testify on legislation.

I encourage all members to attend our Annual Meeting on May 5th at the Derryfield Country Club in Manchester. There will be some great speakers and it is an opportunity to interact with your counterparts from around the State. This will also be our annual business meeting and the election of officers and board members. We are also organizing a social event afterwards. We are planning on enjoying the golf facilities of the Club. If you are interested in playing golf please contact me, kblomquist@ci.keene.nh.us or Jennifer Perry, jperry@town.exeter.nh.us

Looking ahead, please save the date for the annual Snow Plow Rally at the Hopkinton Fair Grounds on September 21st. The Association will also be supporting Construction Career Days on September 22nd and 23rd, also at the Hopkinton Fair Grounds.

Finally, the Board is looking to create subcommittees

to help with running the association. If you are interested in legislation, training, or just want to jump in and help, please contact any current board member. I look forward to seeing everyone at the annual meeting.

Sincerely,
Kürt Blomquist,
President, NHPWA
Public Works Director, Keene

NHPWA Board Members

- President: Kürt Blomquist, P.E., Keene (2009-2011)
- Vice President: Jennifer Perry, P.E., Exeter (2009-2011)
- Secretary/Treasurer: Allan Bolduc, Meredith (2009-2011)
- Supplier Rep: Catherine Schoenenberger, Stay Safe Traffic Products (2010-2011)
- Consultant Rep: Robert Prud'homme, P.E., Kleinfelder/SEA Consultants (2009-2011)
- Contractor Rep: Brian Vincent, Nobis Engineering Inc. (2010-2013)
- Education Rep: Kathryn Myers, UNH Technology Transfer Ctr. (2010-2013)
- Past President: Dave Lent, P.E., Retired (Appointed)
- NE APWA Rep: Carl Quiram, P.E., Goffstown (Appointed)
- NHDOT Rep: Nancy Mayville, P.E., Planning & Community Assistance (Appointed)
- Board Member: Scott Kinmond, Moultonborough (2009-2012)
- Board Member: Bruce Temple, Claremont (2010-2013)
- Board Member: Jim Terrell, Walpole (2008-2011)

If you're interested in volunteering,
please contact kblomquist@ci.keene.nh.us

WHAT'S INSIDE?

	PAGE
• Meet a Board Member: Jennifer Perry	2
• Cyber Security	2-3
• NHPWA Scholarship Update	2
• NH Public Works Memorial Update	3
• Upcoming Events	4
• Calendar & Membership Form	5

Meet a Board Member:

Jennifer Perry

Jennifer Perry is the Public Works Director for the Town of Exeter. Jennifer and the 44 employees at Public Works are responsible for the capital improvements and maintenance of town roads, bridges, dams, buildings, fleet and utilities (including stormwater, water and sewer); the operation and maintenance of drinking water and wastewater treatment facilities; and the management of solid waste programs. According to the 2010 Census, Exeter is the 19th largest community in New Hampshire, with a population of 14,306.



Jennifer worked as a consulting engineer in Maine and New Hampshire, prior to her employment with the Town of Exeter.

Jennifer is Vice President of the New Hampshire Public Works Association and is one of two New Hampshire Directors on the Executive Committee for the New England Chapter of the American Public Works Association.

Jennifer grew up in Jaffrey. She is a graduate of Northfield Mount Hermon in Northfield, Massachusetts. She attended Cornell and graduated from the University of New Hampshire with a Bachelors in Microbiology, and completed coursework for a Masters in Civil Engineering.

Jennifer and her husband Scott live in Deerfield and enjoy fishing, hunting, hiking and snowmobiling at their camp in the western mountains of Maine. They also have two "rescue" dogs, a Bluetick Coonhound and a Treeing Walker Coonhound.

Cyber Security

Submitted by: Kurt Blomquist

Public Works staff depend on electronic technology of all kinds to receive, analyze and process information and data. In addition to the most common, such as computers and mobile devices, many of our water and wastewater plants and systems are monitored and operated remotely through the use of technology. We use technology to monitor weather conditions and to make decisions on when to initiate operations or what products to use.

Our reliance on technology makes cyber threats a serious concern for public works as well as other organizations. Cyber threats have risen to the point to receive national attention. In May 2009, President Barack Obama pledged to make securing the nation's most vital computer networks a top economic and national security priority. The Federal Bureau of Investigation (FBI) Director, Robert Mueller, has made cyber security the Number 3 priority for the Bureau and the Department of Homeland Security (DHS) has made cyber security one of its five priority missions.

The most serious of cyber attacks can include the deliberate shutting down of networks and malicious attacks to manipulate, destroy, or steal information. Many of these attacks may not be directed at public works functions but can affect the computer networks and system we use and depend on.

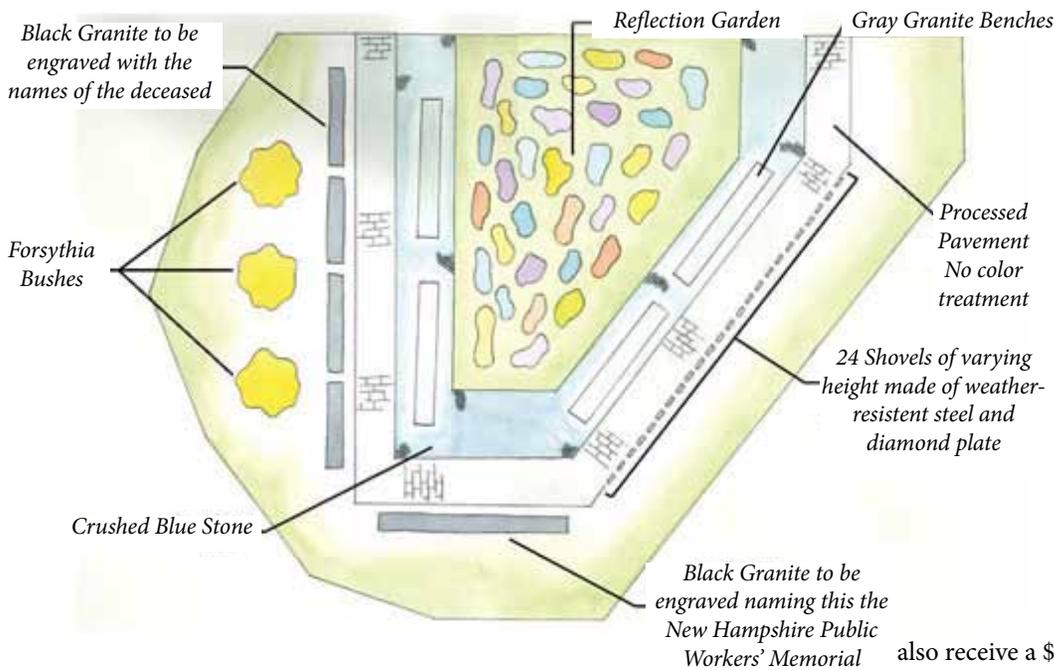
Recognizing that technology is part of public works daily life, the City of Keene participated in trial program provided by the DHS National Cyber Security Division. This program provides a Cyber Resilience Review (CRR), which is an analysis of an organization's cyber security activities. The goal of the CRR is to develop an understanding of an organization's capabilities and to provide an assessment of these capabilities, as well as recommendations for improvement. The areas covered included critical infrastructure awareness, asset definition and management, information and technology management, vulnerability analysis and resolution, incident management, service continuity, environmental control, external dependency management, and situational awareness. *(continued on page 3)*

NHPWA Scholarship Update

The NHPWA Board has voted to award a \$1,000 scholarship to one University of New Hampshire Thompson School student. The Thompson School of Applied Science offers seven associate in applied science degree programs, which includes Civil Technology. Students will apply for this scholarship and it will be awarded in time for the fall semester.

NH Public Works Memorial Design Announced

Submitted by: Jim Rivers, Public Works Memorial Committee



Lee's proposed design of the memorial.

After months of organizational meetings that included discussions of timelines, site planning, specifications, the application process and fundraising, among other topics, the design for the memorial to New Hampshire public workers killed while performing their public works duties has been announced following a state wide competition among high school seniors and current college students.

After meeting with the entrants, the committee voted unanimously to accept the design of Kelsie M. Lee of Wilmot, currently a senior at Colby Sawyer College. She will not only be given the opportunity to work on the project with the committee in "fine-tuning" the final design, but will also receive a \$1200 scholarship toward her education.

("Cyber Attacks" continued from page 2) The City of Keene chose to analyze and review the water and wastewater Supervisory Control and Data Acquisition system using the CRR. The process was very enlightening. It provided an opportunity for Public Works and Information Management staff to review how we manage our computer networks and technology systems. The review pointed out both weaknesses and strengths. While personnel in both departments are very knowledgeable about the system, much of this information is not documented properly. Departmental personnel are aware of vulnerabilities but there is no structure vulnerability management. The review pointed out that staff had an informal process for dealing with incidents and continuity of operations if a technology service were to fail, but there was a lack of a plan for cyber incident response and management. The recommendations offered by the CRR included simple solutions, such as better password management, and also more complex solutions, such as the development, implementation and testing of formal process and procedures.

Cyber security is an area that Public Works employees do not think about on a regular basis. The use and integration of technology into our everyday operations has heightened the risk associated with the disruption of computer and data systems from cyber threats. The CRR provided an opportunity to look at and discuss cyber security and what can be done to better protect against or manage cyber incidents. I would encourage other NH public works departments to participate in a review such as the CRR, in order to evaluate their department's preparedness for cyber attacks.

"We were extremely happy with the quality of the designs that we received," said Carl Quiram, the committee chair and public works director for the town of Goffstown. "Each of the applicants put a tremendous amount of time and effort into presenting a very well thoughtout design for our memorial. The committee faced a tough decision in choosing the winning design but we were all in agreement that Kelsie's was clearly the best." In her presentation letter to the committee, Ms. Lee wrote, "My inspiration comes from the fact that, if chosen, I know my design will create a place to go and reflect on the life they have lost in a workzone accident."

"The next step in the process is to ramp up our fundraising efforts," said Quiram. "Sometimes it is difficult for people to make a donation to a project of this nature until we actually have a conceptual design they can look at. Now that we have chosen the design for the Memorial, we now need to raise the necessary funds to make this most worthwhile memorial a reality," he concluded.

The Memorial will be located on the grounds of the New Hampshire Department of Transportation at 7 Hazen Drive in Concord.

Tax-deductible donations may be sent to:

**The Public Works Memorial Fund
C/O Lyle Knowlton
Commissioner's Office
NHDOT
PO Box 483
Concord, NH 03302-0483**



Kelsie Lee is a senior at Colby-Sawyer College

EVENTS

NHPWA Annual Meeting

The NHPWA Annual Meeting will be held on Thursday, May 5 from 9AM to 1PM at the Derryfield Country Club in Manchester. The cost is \$35 per person and will include a continental breakfast, lunch, and workshop material.

The following items will be covered:

1. Asset Management
2. Public Works Memorial Update
3. Maintenance by the Water's Edge
4. NHPWA Business Meeting with officer elections

~Two (2) PDHs can be earned for this event.

~Join others for a round of golf after the event! *Weather permitting*

Look for the flyer sometime in early April. Hope to see you there!

NH Snow Plow Rally

The New Hampshire Snow Plow Rally will take place on September 21, 2011 at the Hopkinton Fairgrounds.

SAVE THE DATE!

More information will be released as it becomes available.

NH Construction Career Days

NH Construction Career Days will be held on September 22 & 23, 2011 at the Hopkinton Fairgrounds.

SAVE THE DATE!

More information will be released as it becomes available.

National Public Works Week

National Public Works Week (NPPW) this year is May 15 to 21, 2011. Since 1960, NPWW has been a celebration of the tens of thousands of men and women in North America who provide and maintain the infrastructure and services collectively known as public works. The event is sponsored by APWA. For more information: www.apwa.net/about/npww/

NHJES Fall Conference

The NH Joint Engineering Societies (NHJES) is proud to present the 5th Annual NHJES Fall Conference. This year's event will be held on October 6, 2011 and includes a wide variety of Sustainability topics with presentations by renowned experts in their respective fields. Once again, the event will be held at the Executive Court Banquet Facility at the Yard complex in Manchester, NH.

This event was developed to provide networking and educational opportunities for ALL engineering disciplines while offering pdh's at a day-long event covering a wide-range of interesting topics.

National Work Zone Awareness Week

This year National Work Zone Awareness Week took place April 4 to April 8. Beginning in 1999, National Work Zone Awareness Week has been held every year in an effort to bring awareness to motorist and worker safety and mobility issues in work zones. According to one article, more than 40,000 workers and drivers were injured in highway work zones in 2009 and 667 were killed. "We want to get the message out to the public that 85 percent of those killed in work zones are drivers and their passengers. How they drive in work zones has a direct impact on their own safety, and the safety of workers," said Chung Eng of the FHWA.

The event is sponsored by FHWA, AASHTO, & ATSSA. For more information, visit the FHWA website at http://ops.fhwa.dot.gov/wz/outreach/wz_awareness.htm

12th Annual Technical Transfer Conference

The American Council of Engineering Companies of New Hampshire (ACEC-NH) and the New Hampshire Department of Transportation (NHDOT) are proud to present the 12th Annual Technical Transfer Conference. The event will take place on April 12, 2011 at the Grappone Center in Concord, NH. This year's theme is Innovative Project Solutions, Delivery, and Construction.

For more information, please visit: <http://www.acec->

nh.org/news_events.cfm

NHPWA
c/o LGC
PO Box 617
Concord NH 03302

Mark
These
Dates:

Calendar

- **April 12** - ACEC-NH & NHDOT Technical Transfer Conf. Grappone Center, Concord (*see pg. 4*)
- **April 15** - Road Managers Meeting, Moultonborough Safety Complex
- **May 5** - NHPWA Annual Meeting, Derryfield Coutry Club, Manchester
- **May 15-19** - National Public Works Week
- **May 26** - Mountain of Demos, Gunstock Ski Resort, Gilford
- **June 10** - NHPWA Board Meeting, LGC, Concord
- **July 8** - NHPWA Board Meeting, LGC, Concord
- **July 15** - Road Managers Meeting, Enfield DPW
- **Aug. 12** - NHPWA Board Meeting, LGC, Concord
- **Sept. 21** - NH Snow Plow Rally, Hopkinton Fairgrounds
- **Sept. 22 & 23** - Construction Career Days, Hopkinton Fairgrounds
- **Oct. 6** - NH Joint Engineering Societies Fall Conference, Exec. Court Banquet Facility, Manchester (*see pg. 4*)

Edited by: Kaitlin Scheerhoorn, Project Assistant, UNH T² Center
Ashley Benson, Project Assistant, UNH T² Center

Address or name changes:
Sharon Hazeltine

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(603) 224-7447 x 153 shazeltine@nhlgc.org

Join NHPWA

Name: _____

Title: _____

Employer: _____

Address: _____

City, State, Zip: _____

Work Phone: _____

Cell Phone: _____

Fax: _____

E-mail: _____

Individual Membership: \$25.00

Group Membership: \$100.00 (up to 5 people)

Membership term June 30, 2011-June 30, 2012

Detach and mail this form along with payment to:

**NHPWA c/o LGC
PO Box 617
Concord, NH 03302-0617**

