CHAPTER NEWS

SPRING MEETING - MARCH 16, 2004
(by Louise Casseres, PE - NHITE Secretary-Treasurer)

Well, so much for a Spring Meeting! We all remember how Old Man Winter paid us a visit that evening. Thanks to those of you who were able to brave the elements and attend this informative session. We had the pleasure of having Mr. Frank Bauer, PE - District Construction Engineer with the NHDOT Construction Bureau speak to us.

With more than 30 years of construction experience, Mr. Bauer’s presentation was aptly titled “Design Considerations for Traffic Control Plans”. He has made presentations on this very topic to several NHDOT employees and was kind enough to attempt to enlighten our group. Mr. Bauer provided handouts, including standard NHDOT traffic control plans and a narrative of his presentation. His material contained several reminders to the design engineers among us that one must consider each and every physical limitation of construction.

The Traffic Control Plans (TCPs) tell the contractor how to build a project. It's important to keep the schedules and surrounding land uses in mind when producing TCPs. Discussions with local officials and citizens are invaluable when gathering information on how and when a roadway or bridge is used. Another reminder revolves around the construction easement issues. For example, these easement areas need to be large enough for a backhoe to turn around. Travel speeds in work zones are a continuous safety concern. Non-vehicular considerations include the provisions for railroad and pedestrian traffic.

Mr. Bauer also provided a list of resources available on the web that include information on traffic control plans, work zones, and how to make them safer for both the contractor and the traveling public. Please contact Louise Casseres (louise@cldengineers.com) if you would like a copy of this.

Mr. Bauer certainly had a lot of information to share with us, easily filling the available time. We will consider inviting him to speak at a future meeting to share more of his construction experiences.

Mr. Bauer was presented with a “Granite Chip” as a token of our appreciation for his presentation, as well as for braving the snow to be with us!
DISTRICT 1 MEETING  
(by Joe Lowry, PE - New England Section Director)

The District 1 Annual Meeting was held in Burlington, Vermont on May 19 to 21, 2004.

The meeting was well attended, with 160 participants, including the following from the NH Chapter:

Kim Hazarvartian, TEPP  
Dave DeBaie, VHB  
Louise Casseres, CLD  
Joe Johnson, CLD  
Frank O’Callahan, VHB  
Joe Lowry, Louis Berger

The conference presented a number of informative seminars, concentrating on safety issues. Some of the interesting highlights included:

- Discussion on pedestrian safety in intersection design
- Issues to consider in the design of bicycle facilities, both on shared lanes and separate facilities
- Safety records for roundabouts
- Establishing reasonable speed limits

Case studies included presentations on:

- Comparative study of a roundabout vs. a signalized design for an intersection in Buffalo, NY
- Alternative treatments considered for a high volume crossing of a bicycle trail and a major street
- Advance notification alternatives for congestion problem areas near Vermont ski areas

NH Chapter member Dave DeBaie was one of the presenters, speaking on Turning Lane Warrants.

On the social side, the conference included a dinner cruise on Lake Champlain, a reception at the ECHO Science Center, and a bicycle tour along Burlington’s bikeway.

Former NH Chapter President Kim Hazarvartian was recognized for his outstanding contributions to the District and was presented with the Harvey B. Boutwell Award by District Chair Paula Benway. Kim is currently running for the position of International Director for District 1, as are Rodney Emery and Robert Jurasin.
Greetings

Well, we’ve all made it through another winter. There is more and more major construction activity as contracts commence prior to the summer season. We’ll be encountering many construction work zones for lane shifts over reconstructed bridges, around lane or shoulder reconstruction or widening, or for drainage improvements. At the March meeting, Frank Bauer shed some light on some of the dos and don’ts of work zone traffic control for our consideration in future projects in design or construction management. Thank you, Frank!

Chapter Officer News

Dan Hudson, P.E. has served the NH Chapter very diligently over the past four years in several different capacities. He has served as Granite Chips editor since 2000, was Vice-President for 2001 and 2002, and has been the webmaster for NHITE’s webpage for the last year. He has kept us in line for deadlines (and yes, I am preparing this one on the last day…) with a good spirit and wonderful work ethic.

Dan has decided to dedicate more of his energies to the New Hampshire Society of Professional Engineers (NHSPE), which will require his resignation from NHITE as editor and webmaster in order to maintain some balance in his free time. Dan, we thank you for your hard work; it will take two people to tackle what you have completed alone.

With that in mind, NHITE is looking for a volunteer that has experience in preparing newsletter or web pages that can assist the NH Chapter in advance of the next anticipated newsletter (August 2004). Please see me or one of the other Chapter officers if you can help.

Upcoming NHITE Meetings

On June 22, 2004, the NH and ME chapters, along with the New England Section, will welcome Gene Amparano, a safety engineer from the Federal Highway Administration, to discuss design parameters to accommodate Older Drivers along our roads, through our intersections, and within our parking facilities. I know it is frustrating when traveling behind an older driver that is negotiating a tight parking space at 0.2 mph with a 7-point turn, but there are many reasons why this may be necessary. We’ll be looking at some of the factors that may affect our elderly population. After all, our army of baby boomers will be of retirement age...
sometime in the next decade (sorry for the reminder, folks). A meeting notice will be emailed to our distribution list and placed on our website. The event is to be held at the Sheraton Harborside Hotel in Portsmouth, NH. I hope to see you there!

**Participation in NHITE**

One of the goals of our organization is the advancement of transportation engineering through shared knowledge and experience in order to provide the public with the best level of professional service for a safe and efficient study or design. In order to refine our industry, it is important to discuss some of the mutual issues that we face as consultants, contractors, and regulators.

Please let me know if you have any suggestions for how to better serve our industry through our meetings, courses, or printed materials. Please encourage some of the younger engineers in your workplace to join you at upcoming meetings.

I hope you travel safely this summer for work and play.

Delightfully Submitted,
Kevin R. Dandrade, P.E.
NHITE President
MEMBERSHIP NEWS
(by David DeBaie, PE - NHITE Membership Chair)

As of May 24, 2004, the New Hampshire Chapter has seven new members this year including one affiliate member. The new members are: Carlos Garcia, Jeffrey Gaeta, Jason Plourde, David Saladino, Jeff Santacruce, Alyssa Smith, and Gin Poisson at Signature Press (Affiliate).

With these additions, NHITE membership has increased to 69 total members. As we approach the half-year mark, ten members have yet to pay their 2004 dues. For membership applications or to pay your $10 dues, contact David DeBaie (ddebaie@vhb.com), the Membership Chair.

EMPLOYMENT ADS

NCDOT’s PDEA Branch (Raleigh, NC) seeks transportation engineers for project management, engineering and environmental (NEPA) analysis, and public involvement in accordance with a newly approved organizational structure.

Both entry level and advanced engineering positions are available. Job postings are anticipated during late April and May, 2004 and will be posted at http://apps.dot.state.nc.us/personnel/jobvacancies/

Information regarding the NCDOT PDEA Branch may be found at www.ncdot.org/planning/pe/

For further information regarding job postings, contact Sandra Corbett at (919) 733-7844, ext. 202, or sbcorbett@dot.state.nc.us.

Transportation Engineering related employment ads can be placed for a nominal fee. If you would like to place an ad, please contact Kevin Dandrade, PE (kdandrade@tecmass.com or 978-794-1792) for further details.
## NHITE LEADERSHIP:

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