President’s Message

Neil Boudreau, President

I would like to take this opportunity to thank the New England Section for electing me to serve as your President for this year. It is truly an honor to serve such a rewarding organization. I would also like to thank the Immediate Past President, Ken Petraglia, for setting a great example for me to follow and his continued support of the Section. Best of wishes to Ken as he expands his reach to take on the position of Secretary/Treasurer for the District 1 Board. In addition, I would like to recognize the hard work of the entire Board of Directors and Standing Committee Chairpersons, thank you for your support.

At this point I would like to congratulate the 2005 Annual Award Winners that were announced last December at the Annual Meeting in Warwick, RI. A complete recap of the award recipients is included later in this issue. On special recognition, I would like to point out the tremendous job that Joseph Balskus did on updating and re-issuing the Section Directory. A lot of hard work went into this effort which served as a catalyst to re-invigorate the activity of the Public Relations Committee. A copy of the Directory can be downloaded from the NEITE website (NEITE.org).

Moving on to 2006 activities, I started out the new year with the resignation of Julie Annino from her position as Senior Director. This decision was a tough one for Julie, but due to changes in her duties at the Connecticut Department of Transportation she felt that she would not be able to commit the time needed to serve effectively. A sure loss for the Section, but I appreciate Julie’s honesty. This left a vacancy in the Board of Directors that needed to be addressed. After consultation with many past and current Executive Board members, I made the decision to appoint Joseph Segale to fill the vacated position. Joe had most recently served as the Section Secretary and lost out in a close election for Vice President. I look forward to working with Joe and the entire Board to keep the Section moving in the right direction and working to encourage more widespread involvement.

I would like to thank the Vermont Chapter and President Roger Dickinson for hosting us again to kick-off the new Executive Board at the 2nd annual Joint Vermont Chapter/Section meeting, held on Friday, January 13th in Montpelier, VT.
Rhode Island Joins!

The Institute of Transportation Engineers (ITE) is pleased to announce the creation of the Rhode Island Chapter of ITE (RIITE) as the newest Chapter in the country.

The Chapter Bylaws and Charter were signed in December of 2005 by the New England Section of ITE, and the following officers were elected for 2006:

President - Kevin Johnson, P.E. (CDM)
Vice President - Phil Fusco, P.E. (BETA Group)
Secretary - Ronald Hartman, P.E. (VHB)
Treasurer - Russell Holt, E.I.T. (RIDOT)

ITE International, District 1, and the New England Section ask for your support and consideration in joining this Chapter. There will be no additional dues for current members of ITE. Any non-members of ITE will be able to join the RIITE Chapter for a nominal yearly fee. We especially urge those involved with the transportation engineering profession in the southeastern New England area to join.

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PRESIDENT’S MESSAGE

Neil Boudreau, President

We had a great turnout, with all but one Board member attending along with several Committee and Chapter leaders. Once again the weather cooperated with those making the trip and the Vermont Chapter made it worth while with an excellent technical discussion on traffic impact studies in support of the VTrans project to rewrite their submission guidelines.

Finally, I’d like to touch upon some of my goals for the Section in 2006. To start, I’d like to mention my thoughts for expanding the role of the Young Professionals Group to include more mentoring activity. I’d like to build upon what the committee achieved last year and add more interaction between the younger and senior level members. To meet this ambitious goal, I have asked Daniel Dulaski and Jennifer Conley to head up the group as we move forward.

Second, we are looking to expand the role of the Legislative Liaison Committee to find a means to remain in touch with the activity in each of the New England States. Joe Segale has agreed to take this position and seek out members from each State to serve on the Committee to advise the Section as to the current issues in the Legislature and identify circumstances that ITE can play a role to guide our elected officials.

Third, the role of the Public Relations Committees has traditionally included the main responsibility to maintain the Section Directory. However, with the recent passage of the Federal SAFETEA-LU legislation last fall, there is an excellent opportunity for ITE to be more of a resource for our State Department’s of Transportation. Each State is charged with developing a “Strategic Highway Safety Plan” that incorporates all stakeholders in transportation safety initiatives. The professional community plays an essential part in the shaping of our infrastructure and now is the opportune time to ensure that safety is addressed from the beginning of the process. I will ask that the committee contact the key safety personnel for each state to offer up any assistance that we as NEITE may present to them in the pursuit of their plan.

My forth goal is to support the planning effort for the 2007 District 1 Annual Meeting that the New England Section will be hosting in Providence, Rhode Island. Please join me in welcoming Frank Romeo and Gary Hebert to the role of Co-Chairs for this important endeavor. As we move forward, the committee will be looking for additional volunteers to assist in the preparation for the Sections showcase event.

As you can see, we have a new Chronicle Editor and group of assistants in support of this essential activity. Having personal knowledge of what it takes to produce this newsletter, I am encouraged by the exciting ideas the new team has in store for 2006, and more importantly getting your feedback on the new multi-color layout.

I look forward to working with the Section throughout the year and please feel free to contact me should you have any comments or suggestions.

It is truly an honor to serve such a rewarding organization.

Neil Boudreau, President

New England Section & Connecticut Chapter
ANNUAL MEETING
Monday, April 3, 2006
Sheraton Hartford Hotel
100 East River Dr.
East Hartford, CT
**Second Annual Transportation Student Research Symposium**

Maaza C. Mekuria

The Massachusetts ITE Chapter and ITS Massachusetts in conjunction with New England Section of ITE sponsored the Second Transportation Student Research Symposium on Friday, February 10, 2006 from 9:00 A.M.–3:30 P.M. at The Egan Research Center, Northeastern University, Boston, Massachusetts.

The event had presenters from four institutions in Massachusetts (Boston University (BU), University of Massachusetts at Amherst (UMass/Amherst), Massachusetts Institute of Technology (MIT), and Northeastern University (NU)). Research papers were presented (see complete list and topics below) by students at BU (2 students), UMass/Amherst (2 students), MIT (10 students), and NU (6 students); 20 presenters in all.

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Mr. Craig P. Coy of Maasport giving the Keynote Address at the Luncheon.

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**Recent Event**

Second Annual Transportation Student Research Symposium

Maaza C. Mekuria

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The event had presenters from four institutions in Massachusetts (Boston University (BU), University of Massachusetts at Amherst (UMass/Amherst), Massachusetts Institute of Technology (MIT), and Northeastern University (NU)). Research papers were presented (see complete list and topics below) by students at BU (2 students), UMass/Amherst (2 students), MIT (10 students), and NU (6 students); 20 presenters in all.

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Mr. Craig P. Coy of Maasport giving the Keynote Address at the Luncheon.
MassHighway Adopts the Massachusetts Highway Department Project Development and Design Guidebook


Among the key features of the new Guidebook are:

- **Flexibility**: The new Guidebook has significantly more flexibility in design requirements, particularly for lane and shoulder widths.
- **Community Context**: The new Guidebook places much more emphasis on what the community looks like beyond the paved roadway, including stonewalls, historic districts and natural resources. This approach will ensure that the roads we design are compatible with community surroundings.
- **Multi-Modal Accommodation**: The new Guidebook reflects the latest methods for design at MassHighway, and will serve as a national model for safe and community friendly designs.
- **Transparent and Clear Project Development Guidelines**: Among the key features of the new Guidebook are:
  - A number of MassHighway employees made key contributions to the Guidebook, including Project Manager Stan Wood, Tom DiPaolo, John Blundo, Tom Broderick, Al Stegemann, and George Batchelor.
  - Dozens of MassHighway employees, in the Districts and in the Boston Office, spent many hours reviewing the draft document and contributing thoughtful, constructive improvements.
  - Ken Miller, Deputy Secretary for Planning at EOT, assisted in this effort since the beginning. Tom DiPaolo will lead the training effort for MassHighway employees, local officials and the consultant community.
  - Look forward to working with all of you on the implementation of the new Guidebook.

The conference began after introductory remarks from Prof. Haris Koutsopoulos and Prof. Peter Furth of NEU, MA ITE President James Terlizzi, Prof. Joseph Sussman of (MIT). Prof. Peter Furth of NEU, Chair of the Civil and Environmental Engineering at Northeastern (the sponsor of the event venue) opened the session with a word of support to all the presenters. He emphasized that transportation education has grown in its emphasis on quality of research among the participants and also that the institutions are connected to each other through past history. He mentioned that both Prof. Koutsopoulos and himself, who both are at NEU, are products of the MIT transportation program and this symposium is underscoring the importance of collaboration in the educational area for both the educational establishments and the industry. Professors Nathan Gartner, UMass Lowell, Prof. Nigel Wilson and Researcher John Attanucci of MIT were also present encouraging and supporting the proceedings.

The research presentations started at 9:00 A.M. in two tracks. Each presenter was allotted 20 minutes for presentation and then a 5 minutes question and answer time was given for attendees. There were four moderators, from the consulting engineering community, (NEITE and MAITE) assigned to the two morning and two afternoon presentations, to lead the presentations. We were privileged to have Mr. Neil Bourdreau, the Acting State Traffic Engineer and the President-elect of NEITE; Mr. James Terlizzi of Merrimac Valley Planning Commission and MA ITE President; Mr. Robert Campbell Town Engineer of Braintree and the Vice President of MA ITE; and Mr. Peter Vassillo of Edwards and Kelcey, and MA ITE Board members acted as moderators for the morning and afternoon sessions.

Ten student presentations were made by students from 9:00 A.M.–11:00 A.M. Following the presentations, a poster session for all the papers presented continued until 11:45 A.M. in the Egan Amphitheater. Research papers included different modes transportation (Bus and Rail Transit, Highways, Air Transportation, Freight) and included aspects in planning, design and operations. All the abstracts of the presentations are available for viewing at the link http://www.neite.org/MA/PaperInfo06.shtml and the paper presentations (in PDF format) are also available for download from the Web link ftp://www.neite.org/pdfs/ResSymPre06.

Mr. Robert Campbell MA ITE Vice President, at the registration table.

The lunch time program highlight was the keynote address by Mr. Craig P. Coy, CEO of Massport. Mr. Coy recounted the contributions that transportation research institutions and practicing engineers have made to the transportation industry and the traveling public. Particularly he highlighted the activities of organizations such as ITE and ITS that have advanced the profession to impact transportation services in a significant way. He mentioned that whenever he needed solutions to transportation related problems at Massport, consulting engineers have been instrumental in solving them. He also underscored that agencies such as Massport face complex issues and have to balance customer needs, institutional goals and business demands, therefore some solutions while engineering-wise feasible are not implemented. He added that safety has been a major issue facing Massport since Sept. 11, 2001, and under his leadership Massport has become the first agency in the nation to have secure cargo inspection with out any impact to the air traveler.

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The 2005 New England ITE Awards Handed Out at the ITE Annual Meeting

David DeBaie

The 2005 NEITE Awards Committee was comprised of Kim Hazarvartian (NH); Tom Gorrill (ME); Douglas Prentiss (MA); Robert Blasi (RI); and Bruce Hillson (CT); and chaired by David DeBaie who also voted as the Vermont representative. The committee facilitated, through email, nominations that were solicited from the membership via the NEITE Web site.

The award winners were announced and presented at the 2005 Annual Meeting on December 5th for all but the Transportation Leadership Award (TLA). Due to sickness, the TLA recipient could not attend the NEITE annual meeting but was able to attend the NHITE Chapter meeting on the 13th of December and was presented the award by NEITE President Kenneth Perzaglia.

Transportation Leadership Award

Carol A. Murray, P.E.

Carol Murray was sworn in as the tenth Commissioner of the New Hampshire Department of Transportation on June 30, 2001. As Commissioner, she heads an agency with 2,300 employees and oversees the planning, developing and maintenance of New Hampshire’s transportation network. Carol had previously served as Assistant Commissioner of the NHDOT since July of 1996.

A native of Littleton, New Hampshire, Ms. Murray graduated Cum Laude from the University of New Hampshire in Durham in 1978 with a Bachelor of Science Degree in Civil Engineering. She immediately went to work at what was then known as the NH Department of Public Works and Highways.

Carol Murray has held a number of important positions in her more than two decades of service at the NHDOT, including Administrator of the Bureaus of Transportation Planning and Right-of-Way, and Director of the Division of Administration.

She was recognized in November 2004 with the “Good Scout Award” from the Daniel Webster Council as “representative of the strong values and character we would hope to instill in our children”.

In January of 2005, Carol was named as an Honorary Member of the American Institute of Architects for “her vision and determination” to ensure a cooperative planning and design process, and to foster well-designed projects for the State of New Hampshire.

Transportation Engineer of the Year

Joseph C. Oppendlander, Ph.D., P.E.

Joseph Oppendlander was presented his Doctorate at the University of Illinois, his Masters in Civil Engineering at Purdue, and his BSCE at Case Institute of Technology.

Doctor Oppendlander is listed in the International Who’s Who in Engineering, the American Men and Women of Science and many others. In 1985, the New England Section of ITE awarded Joe the Transportation Engineer of the Year Award; and, in 2003 he was honored as the Vermont Engineer of the Year.

Our editing team here at Howard/Stein-Hudson Associates is very pleased to be preparing the latest Chronicle publication. Producing the newsletter has given us the opportunity us to interact with professional transportation colleagues throughout the New England area.

Although we have only recently begun we envision it to be an enjoyable experience. We are very grateful to the previous Chronicle team of Kien Ho, Christine Ann Palmer, Jenn Hupp and Alan Cloutier for all their hard work in producing the Chronicle over the past two years.

We look forward to presenting interesting and insightful transportation related articles and look for your input in the publication.

Enjoy the Spring!

Tom Stokes • Ray Hebert • Michelle Langone
CAREER OPPORTUNITIES

Howard/Stein-Hudson Associates (HSH), now in our eighteenth year of service, is a transportation engineering and planning firm. Due to the continued growth of our civil engineering/roadway design and traffic engineering groups, we are searching for qualified individuals, at all levels, to join our team for a variety of challenging assignments. Knowledge of MassHighway Design Standards is a plus. HSH’s downtown Boston location is easily accessible and an exciting place to work. HSH offers a competitive salary and benefits, including T-pass subsidy.

JUNIOR CIVIL/TRANSPORTATION ENGINEER

This is an excellent opportunity for a candidate with a B.S. or Masters in Civil Engineering/Transportation Planning to assist in all facets of engineering projects. The qualified candidate will be flexible, have the ability to work on multiple projects of varied interest, possess good computer skills, and enjoy learning.

MIDLEVEL CIVIL/TRANSPORTATION ENGINEER

The right career-oriented candidate will enjoy the challenge of working on a variety of interesting projects with a diverse client base. The qualified candidate will have a B.S. or M.S. in Transportation Planning or Civil Engineering, and/or traffic engineering experience. The qualified candidate must have a strong background in transportation planning and/or traffic engineering and a minimum of 1 year of experience in a professional work environment. In addition, the candidate should possess strong problem-solving abilities, have good communication skills, and be able to work well with individuals at all levels, to join our team for a variety of challenging assignments. Knowledge of MassHighway Design Standards is a plus.

Please forward your resume and letter of interest with salary requirements to:

Human Resources
Howard/Stein-Hudson Associates, Inc.
38 Chauncy Street
Boston, MA 02111
FAX: (617) 482-7417
jobs@hshassoc.com
www.hshassoc.com

An Equal Opportunity Employer.

2006 District One Stantec Award

Deadline: April 3, 2006
All ITE student members are encouraged to submit a written paper on a transportation engineering topic. This $1000 award will be presented at the District 1 Annual Meeting in Cooperstown, NY.
Details are provided on the ITE Web site.

For more information contact:
Michael S. Schauer
(518) 431-4125 x236
michael.schauer@fhwa.dot.gov

Junior Professional Group Award

Young Professional Group Award

Michael A. Knodler, Ph.D.

Michael Knodler is a graduate of the University of Massachusetts at Amherst where he earned his Master degree (2002) and Ph.D. degree (2004) both in Civil Engineering. Dr. Knodler is currently an Assistant Professor in the Transposition Engineering Department at the University of Massachusetts Amherst.

Dr. Knodler’s research has been sponsored by the National Cooperative Highway Research Program, the Massachusetts Highway Department and the National Highway Transportation Safety Administration. He currently is the Project Engineer for the Massachusetts Traffic Safety Research Program at UMass where he is responsible for experimental designs, evaluations, data collection and analysis. Dr. Knodler advises several students currently completing Masters projects under auspices of MassSAFE.

Dr. Knodler served as President of the ITE Student Chapter from 1999-2000 and currently serves as Faculty Advisor for the student chapter.
**New England Chronicle**

**Chapter Reports and News**

**Maine Chapter of ITE**

Tom Errico, P.E., Vice President

The Maine Chapter held their fall 2005 meeting in Augusta with presentations by Maine Department of Transportation (MaineDOT) Commissioner David Cole and Robert Maloney, Construction Manager–Northeast Zone on a Dunkin Donuts sponsored trip generation study. The Dunkin Donuts study was initiated to address concerns that currently used trip generation and pass-by assumptions were requiring excessive off-site mitigation improvements. The conclusion of the study was that the database currently used by MaineDOT to estimate trip generation for a Dunkin Donuts restaurant tends to over-estimate traffic volumes. The study also concluded that prior Dunkin Donuts studies over-estimated the number of primary trips generated by a Dunkin Donuts restaurant. The trip composition survey indicated that the trip composition for a Dunkin Donuts restaurant is approximately 15% primary, 70% pass-by, and 15% diverted. Additional surveys will be conducted to verify and enhance the accuracy of the initial database.

The Maine Chapter will be hosting their Winter/Spring 2006 meeting at the MaineDOT Southern Region Office and will include a Traffic Signal Certification Program. Details of the meeting will be released soon.

The Maine Chapter has scheduled a Social Outing for June 8, meeting will be released soon.

The NH Chapter had a meeting for the Chapter officers on Monday, February 27, 2006 at Millie’s Tavern in Manchester, NH. The meeting was held to discuss the 2006 New Hampshire Transportation Research Symposium. The NH Chapter has reserved a Barbeque/Picnic area for the event. Contact Rob Kenerson at rkenerson@emdc.org for tickets.

**New Hampshire Chapter of ITE**

Robert E. Bellingen, P.E., PTOE, President

The NH Chapter had a meeting for the Chapter officers on Monday, February 27, 2006 at Miller’s Tavern in Manchester, NH. The meeting was held to discuss the 2006 New Hampshire Chapter program. All Chapter members were invited as well to get their opinions and to encourage members to participate in leadership positions.

The first NH Chapter meeting of 2006 will most likely take place the last week of March. Additionally, coordination between the NH and Maine Chapters has begun regarding the joint meeting scheduled, tentatively, for the third week in June. The chapters are looking for suggestions for topics and guest speakers. Contact the chapters for further information.

**Massachusetts Chapter of ITE**

Jim Terlizzi, P.E., President

As detailed earlier in the Chronicle, the Massachusetts Chapter of ITE was invited to co-host, with ITS Massachusetts and the Northeastern Student Chapter of ITE, this year’s Student Transportation Research Symposium, held on February 10th at Northeastern University. The attendance and interest at the Symposium was very encouraging with upwards of 100 colleagues present. Twenty-one graduate students of four universities, including newly represented Boston University, presented their work to the professionals and fellow students gathered.

Professors Peter Furth and Haris Koutopoulos of Northeastern hosted the day’s events. If you weren't able to attend this year, look for the event to be held at the same time next year at a different university.

Do plan on attending the upcoming joint MAITE/Massachusetts Municipal Engineers Association (MMEA) meeting, to be held on Wednesday, April 12th, at the Sheraton Hotel located at 100 Cabot Street, Needham, MA. It will be a breakfast buffet event, beginning at 8:00 A.M., and there will be a panel discussion on “Understanding Traffic Trends.” Traffic engineers on the panel include Neil Boudreau of MassHighway, Tom Stokes of Howard/Stein-Hudson, Inc., John Mirabito of Faye, Spofford, and Thorndike, LLC, and Ken Petraglia, of the BETA Group, who will be moderating the discussion. If you would like to attend, please contact Bob Campbell, MAITE President, at the Braintree DPW’s phone number (781) 794-8010 or fax number (781) 843-8285 or e-mail at rcampbell@townofbraintree.org.

**New England Chronicle**

**Northeastern University Chapter of ITE**

Mazaa C. Mehrotra

Northeastern University students have had five chapter meetings since the beginning of this semester. Most of these meetings were geared to the preparation for the symposium in February. Through the guidance of our advisor Prof. Koutopoulos we were able to host this year’s symposium successfully.

ITE Student membership drives were done with transportation students. Brochures of the National ITE and local chapter information were distributed. NEU Civil and Environmental Engineering Department Chair Prof. Peter Furth and students participated at 2005 NEITE Annual Chapter meeting in December 2005 held in Warwick, Rhode Island.

Northeastern University student chapter hosted the second Massachusetts Research Symposium (sponsored by Mass ITE and ITS/Mass) on Friday, February 10, 2006, 8:30 A.M.-3:30 P.M. with a career fair held between 3:30 P.M. and 5:00 P.M. at the Egan Research Center, Northeastern University, Boston, MA. Transportation student researchers from four universities in Massachusetts presented 20 papers on wide ranging subjects in Transportation. We are very grateful that the assistance that professional community gave the chapter through Mass ITE and ITS/Mass and that many industry people acted as moderators and organizers for the event. The number of participants exceeded our expectations for both the morning and afternoon sessions.

We thank the NEITE and MAITE board members for monitoring and leading the program, special NEITE President Neil Boudreau, President James Terlizzi, Vice President Robert Campbell, Board members Peter Vaudillo, NEITE Board members John Mirabito, Ken Petraglia. We also thank Northeastern University Professors Koutopoulos and Furth for their support of the program by providing free resources and venue for the program. The luncheon was the largest in attendance (over 100 people participated and the keynote speaker was the CEO of Massport, Mr. Craig P. Coy. We appreciate his willingness to come and encourage the students in their research endeavors. He pointed to several areas in which Massport has been working with industry people and that many industry people acted as moderators and organizers for the event. The number of participants exceeded our expectations for both the morning and afternoon sessions.

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