



American Society of Civil Engineers

FEBRUARY 2005 DINNER SEMINAR:

JOINT ASCE/ASHE MEETING

NEW JERSEY TURNPIKE INTERCHANGE 1 RELOCATION PROJECT

ASCE and ASHE are proud to announce an evening with Mr. Larry Williams of the New Jersey Turnpike who will present an informative discussion on the Authority's Interchange 1 Relocation Project. Mr. Williams will discuss the many unique aspects of the Reconstruction Project for Interchange 1. Interchange 1 was relocated and expanded to provide a larger, state-of-the-art toll plaza in Carney's Point Township, approximately 1.2 miles north of the old interchange.

The old toll plaza that was located in Deepwater, NJ was comprised of 5 entry lanes and 10 exit lanes for a total of 15 lanes. Built in 1951, the old Interchange 1 was under-sized for today's traffic volume. Combining aesthetically pleasing architecture with functionality, the new toll plaza offers a total of 23 toll lanes, 7 on entry and 16 on exit, which includes 2 Express **E-Z Pass** lanes in each direction.

SPEAKER: **Larry Williams, P.E.**, is a Supervising Engineer of the Turnpike Division's Highway Section. Mr. Williams has been with the Turnpike for 15 years.

DATE: Tuesday, February 8, 2005

TIME: 5:30 PM to 6:30 PM Social Hour /Cash Bar
6:30 PM to 7:30 PM Sit-Down Dinner with presentation to follow

LOCATION: Snuffy's Restaurant, Scotch Plains, NJ
Route 22, Scotch Plains, NJ 07076
Call (908) 322-7726 for directions

COST: \$25.00 ASCE/ASHE Members, \$30.00 Non-Members
Make checks payable to "ASHE-NCNJ"

REGISTER: **RSVP by 02/08/05, by 3 pm**
Please send name, telephone number and e-mail address to:
Jeffrey Reeves, jreeves@dresdnerrobin.com or call (201) 217-9200
(Ext. 222)

PDH: Eligibility for this seminar is still in review

FEBRUARY 2005

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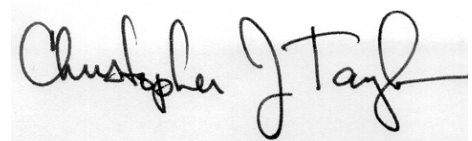
The North Jersey Branch welcomes opportunities to partner with other professional organizations to offer superior technical programs to our members. Partnering adds significant value to programs by introducing issues other organizations are facing, allowing them to benefit from the lessons those organizations have learned, and greatly expanding networking opportunities. Additionally, partnering with other professional organizations allows the North Jersey Branch to play a role in broader outreach efforts and to have a more significant impact on the future of the civil engineering industry.

This past November, the Transportation Technical Group (TTG) co-hosted a field trip to the Secaucus Interchange construction project with the Greater New York Chapter of the WTS. As advertised this month, the TTG has once again joined the North Central New Jersey Section of the American Society of Highway Engineers (ASHE) to jointly host a presentation on the New Jersey Turnpike's Interchange 1 Relocation Project. A few years ago, ASHE joined the TTG at the Newark Club, but this year the joint presentation will be held on February 8, 2005 at a regular ASHE venue, Snuffy's Restaurant in Scotch Plains.

One of the longest standing partnering involvements of the American Society of Civil Engineers (ASCE) is the E-Week program. E-Week is a national event that is always a big success, helping to raise awareness of the importance of engineering to our world and to interest our youth in becoming engineers. The national program draws major partners such as BP, Boeing, Siemens, and GE. And, while the New Jersey programs are formally organized by the ASCE New Jersey Section, the North Jersey Branch Younger Member Group (YMG) is always a critical partner in making this effort a success. This year the New Jersey Section of ASCE has also partnered with the Society of Professional Engineers, the National Society of Black Engineers Alumni Extension, and the Liberty Science Center. The E-Week program is an excellent example of how many smaller organizations can join together to make a difference in the world. I invite you to volunteer to help with the northern New Jersey activities to be held at the Liberty Science Center on February 21 and 26, 2005. To find out more about the national E-Week activities and how you can get involved just visit the Web site at www.eweek.org.

Partnering will be critical in ensuring the continued success and expansion of our K-12 outreach efforts at the local level as well. Our work with the Elliott Street School was so well received that we have been asked to participate in the upcoming Career Day at the Horton Elementary School in Newark. The date for this event is February 4, 2005, from 8:30 AM to about 12 PM. We need volunteers for this effort immediately. If interested, please call Eugenia Roman the K-12 Outreach Chair at 201-656-8810 or email her at eroman@hardesty-hanover.com. Of course, finding volunteers is always the interesting part and partnering would help in this effort. We have already received interest from the Chi Epsilon chapter at the Stevens Institute of Technology for future outreach efforts and would certainly love the opportunity to partner with your firm in the future.

As always, we would love to hear comments or suggestions from our members about past or future activities or additional opportunities we should pursue. You are our most important partners in all that we do, and we need to hear from you.

A handwritten signature in black ink that reads "Christopher J. Taylor". The signature is written in a cursive style.

NORTH JERSEY BRANCH TECHNICAL GROUPS

Join one of these groups and get involved with others in your field of interest. If you want to help out, or have ideas and speaker contacts, we are always interested in new members and future leaders.

For more information, contact **Kenneth Clausen** at kclausen@kseng.com or any of the individuals listed below:

STRUCTURAL GROUP

Arjuna Ranasinghe – 732-692-1800
apranasinghe@mtmail.biz

TRANSPORTATION GROUP

Thomas Ott - 973-353-7628
OttT@PBWorld.com

WATER RESOURCES GROUP

Arif R. Malick – 908-534-4995
malick@malickandscherer.com

ENVIRONMENTAL GROUP

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jheeren@dewberry.com

CONSTRUCTION GROUP

Luigi Zecchin -201-398-4391
LZecchin@PIRNIE.COM

PROFESSIONAL ISSUES GROUP

Anthony Pecci – 973-338-9100
apecci@dewberry.com

GEOTECHNICAL GROUP

Jay Meegoda – 973-596-2464
meegoda@njit.edu

A MESSAGE FROM THE ENVIRONMENTAL TECHNICAL GROUP CHAIR

Interested in environmental issues? The ASCE North Jersey Branch is re-establishing the Environmental Technical Group. Technical Groups meet to discuss topics of interest and plan dinner meeting presentations, seminars, or field trips. If you are interesting in joining with your peers to discuss the various aspects of environmental engineering, then please contact Jim Heeren at 973.428.4909 or jheeren@dewberry.com. An informal gathering is being scheduled to plan activities that will best serve the environmental membership of the North Jersey Branch.

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CONTINUING EDUCATION

2005 STRUCTURES CONGRESS

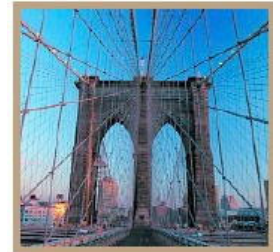


METROPOLIS AND BEYOND

The Structural Engineering Institute (SEI) is holding their 2005 conference at the New York Hilton and Towers in New York City April 20-24, 2005. This event qualifies for **15 PDH credits**.

SEI Awards Luncheon Speaker is Nadine M. Post, Senior Writer, Design and Construction, of the Engineering News-Record.

Technical tracks totaling over 83 sessions including building design, bridge design, hardening of structures, composite steel design, progressive collapse and sustainability will be offered.



To register, visit www.seinstitute.org

ASCE SEMINARS IN THE TRI-STATE AREA

Foresenic Engineering Symposium

April 20-24 2005, New York Hilton, New York City

HEC-RAS Computer Workshop for Unsteady Flow Apps.

2.1 CEUs, March 9-11, 2005, New York City

Post Tensioning Construction and Design

1.4 CEUs, March 3-4, 2005, New York City

Introduction to the Design and Construction of Tunnels

2.1 CEUs, March 30- April 1, 2005, New York City

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- PE license is required

Structural Project Engineer/Manager – Bloomfield

- 10-15 years of experience NJDOT/AASHTO bridge design
- Responsible for managing and supervising design teams and interacting with client management teams
- PE license is required

Municipal Engineer – Parsippany

- 5-10 years of experience in the design of capital projects
- background in planning and zoning review, and familiarity with municipal engineering
- PE license is required

Land Development Engineers - Parsippany & Mt. Laurel

- 5-10 years experience in site planning and land development
- Background in design of grading, storm water management, utilities and roadways
- PE license is required

Highway & Structural Engineers - Bloomfield & Parsippany

- 5-10 years of experience
- Knowledge of AASHTO and NJDOT design procedures

Water Resources Engineer - Bloomfield & Parsippany

- 3+ years of experience
- Knowledge of storm water, water quality, flood control, & NJDEP permitting procedures

Party Chief - Bloomfield & Mt. Laurel

- 3+ years of experience on transportation projects

Instrument Operator - Bloomfield & Mt. Laurel

- 3+ years of experience on transportation projects

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INFRASTRUCTURE SURVEY

Don't let your community be left out. In March 2005, ASCE will release the *2005 Report Card for America's Infrastructure*, assigning letter grades to different areas of the nation's infrastructure.

You can help by completing a brief online survey about the conditions and needs in your local community. Results from the survey will be used in the development and promotion of the *2005 Report Card*. Visit www.asce.org for links to the survey.

CAREER DAY VOLUNTEERS NEEDED

The Newark Public School system is holding their first career day of 2005 on **February 4, 2005** at the **Dr. William H. Horton School** on 7th Street. During the fall, members from the North Jersey Branch and members of the Newark Public School System met and developed a partnership geared towards introducing students attending elementary schools and high schools in Newark to the profession of Civil Engineering through participating in events such as Career Days.

Volunteers are needed to make a short oral presentation on the field of Civil Engineering followed by a hands-on activity. Activities and materials will be supplied by the branch. If you are interested in participating in this Career Day or one of the upcoming Career Days, please contact Eugenia Roman at eroman@hardesty-hanover.com or 201-656-8810.

Future Newark Public School Career Days:

Broadway Elementary School, Oraton Street
February 23, 2005

Elliott Street School, Elliott Street
March 23, 2005

SCHOLARSHIP INFORMATION

Applications for the 2004-2005 High School and College scholarships are now available on the North Jersey Branch website. All three colleges, all public high schools and several private high schools located in the North Jersey Branch received applications. If you would like to verify if your school is on the list, please contact Eugenia Roman at eroman@hardesty-hanover.com or 201-656-8810.

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For career opportunities in transportation planning, design and construction phase services, please visit www.pbworld.com

ENGINEERS WEEK 2005

Join the **New Jersey Section of the American Society of Civil Engineers** and other engineering organizations including the **New Jersey Society of Professional Engineers** and the **National Society of Black Engineers Alumni Extension** for a day of fun-filled, hands-on activities at the **Liberty Science Center in Jersey City, NJ**. Meet engineers and scientists who can guide you through some interesting topics using demonstrations that are suitable for all ages.

NEW EXHIBITS - CONTESTS - GIVE-A-WAYS

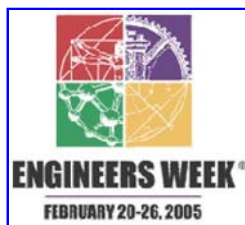
- DATES:** Monday, February 21, 2005 (Presidents Day) and Saturday, February 26, 2005
- TIME:** 9:30AM– 4:00PM
- LOCATION:** Liberty Science Center, Jersey City, NJ
Check <http://www.lsc.org/visiting/tickets/tickets.html> for relevant ticket prices.
- INFORMATION:** Contact the event coordinators from the North Jersey Branch YMG:

Chris Coke	973.237.1650 ext. 3061	ccoke@hntb.com
Teresa Peterson	973.739.9400	tpeterson@dewberry.com
Shawn Savage	212.736.4444	shawn_savage@urscorp.com
- VOLUNTEERS:** Get free admission and receive a **Free T-Shirt!** Contact the event coordinators

E-WEEK EXHIBITS WANTED

The organizers of **EWeek** are looking for engineers willing to discuss some of their recent projects with the children. The idea of the exhibit is to take a child through the process from conceptual ideas, to planning and design, and construction. Help the kids understand how two-dimensional plans become a three-dimensional reality. Discuss problems encountered and how they were resolved. Plans, models and before and after pictures are all suitable for the exhibit.

For more information or to volunteer, please contact Chris Coke at ccoke@hntb.com or **973.237.1650**.



MESSAGES FROM THE EDITOR:

Stay in touch! Don't forget to update your contact information when you renew your ASCE membership for 2005. Providing accurate e-mail and mailing addresses will keep you in the loop for the latest North Jersey Branch activities. Visit www.asce.org and visit the members only section to update your member profile.

Interested in advertising in the monthly newsletter? We accept advertisements for employment opportunities and businesses. Contact the newsletter editor, Lamis Malak at lmalak@dewberry.com or call (973)338-9100.

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Upcoming Events!

February 4 & 23 Newark Career Days
Volunteers needed. See inside for details.

February 8- ASCE/ASHE joint society meeting
Snuffy's, Scotch Plains, NJ

February 21 and 26 - Engineers Week
Liberty Science Center, Jersey City, NJ

March 19 - Region 1 Formation Team Meeting
Want to help shape our Region under the new ASCE governance model? Contact ctaylor@systrausa.com

April - TTG Half-Day Seminar
Seminar planning underway. Stay Tuned for details. Call Tom Ott with ideas.