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A Message from the President

Fellow North Jersey Branch Members,

Time seems to have flown by as we are almost to the end of our 2014-2015 session. This will be my last address as your Branch President. The newly-elected Executive Board led by Mike Sears as your new President will be sworn in during our September 2015 awards ceremony. Needless to say, it has been an exhilarating experience and a privilege to be the President of this prestigious Branch of ASCE and I would like to thank you all for offering me this opportunity.



To give you a glimpse of our activities over the year, we started off with the annual ASCE Softball Tournament with ten teams from civil engineering firms in North Jersey and New York City gathered at Brookdale Park in Montclair, NJ. Following that, the first ever North Jersey Branch Chapter COPRI (Coasts, Oceans, Ports & Rivers Institute) technical meeting on Storm Surge Forecasting was held in October and was a sold-out session that offered 2 PDH credits. COPRI hosted its 2nd presentation in February of 2015 on Waterfront Edge Design Guideline program overview. The Professional Issue Technical Group (PITG) held their annual dinner meeting at the Crowne Plaza in November of 2014, presenting on Site Safety Obligations of Engineers. The Geotechnical Technical Group (GTG) and Transportation Technical Group (TTG) held whole day seminars and dinner meetings, respectively, in May of this year.

In October 2014, a few of the Branch Board Members along with Younger Member Group Board members attended the ASCE Global Engineering Conference in Panama City, Panama. They experienced the construction of the new mammoth locks and canal both at the Pacific and Atlantic sides of the canal to facilitate passage of Panamax ships.

Lastly, the Construction Technical Group (CTG) will be hosting their first presentation on Tappan Zee Bridge on June 5th at the Sheraton Tarrytown Hotel and I am looking forward to your participation. Please see p.2 for more details.

Throughout the year I had the opportunity to meet with many interesting members and officers from other Branches and Sections. I was also blessed with a very dedicated Executive Board and Technical Group leaders who have worked tirelessly and selflessly toward making it a very successful year and for that I thank you from the bottom of my heart.

Once again, I encourage your engagement and involvement with the Branch and ASCE, which helps our Society remain relevant and our profession vibrant.

Sincerely,

Monir Sarker, PE
sarkerm@pbworld.com
973-353-7611

IN THIS ISSUE: June 5th TZ Bridge Site Visit | YMG Upcoming Events | Election Results | and more...

Friday June 5th Tappan Zee Site Visit!

Join us this Friday, June 5th for a unique opportunity to have lunch, hear a presentation about the Tappan Zee/ New NY Bridge Project, and tour the site.

Presented by the ASCE NJB Construction Technical Group, Friday's speakers will be Mr. Robert Allen, PE, Design Engineer, HDR Inc; and Mr. David Capobianco, Project Manager, NYS Thruway Authority. The presentation will discuss the New NY Bridge project. It will focus on the design-build and construction management techniques and challenges that the TZC team has met.



Registration & Reception from 11:30 am - 12:00pm | Presentation from 12:00 - 1:00 pm | Site Visit from 1:00 - 2:30 pm

CLICK HERE to access the flyer.
CLICK HERE to register online Now at <https://ascenjnb-tzbridge.eventbrite.com>

ASCE NJB Younger Member Group (YMG) Upcoming Events

George Washington Bridge 5/10K
June 7, 2015
Starting at Port Authority in Fort Lee, NJ
[CLICK HERE TO REGISTER](#)

ASCE Members, Non-Members and families are invited to participate in the George Washington Bridge 5/10K Challenge. The event will be held on June 7, 2015 and is the only event that shuts down the busiest bridge in the country to raise money for cancer research, local programs, support and education. Hosted by the American Cancer Society, this event brings together over 2,800 participants who can walk or run 2 magnificently designed 5K and 10K courses.

Email ymg@ascenjnb.org for more information

YMG GROUP CAMPING TRIP
June 13-14, 2015
Clarence Fahnestock Memorial State Park - Carmel, NY
[CLICK HERE TO REGISTER](#)

The ASCE - North Jersey Branch YMG will be holding an overnight group camping trip at Clarence Fahnestock Memorial State Park. The event will allow members to enjoy the outdoor environment along with an evening campfire with the group and allow for socializing and networking. The event will include a group hike during the day along with some time for swimming in a nearby lake. The campground has a food stand that will be available during the day for hot dogs and burgers while snacks, some treats and refreshments will be provided by the YMG Board.

Election Results

North Jersey Branch Announces New Officers for 2015-2016

ASCE North Jersey Branch is pleased to announce the results of its recent election. Thanks to everyone for participating in the voting process. The newly-elected officers will begin their term on October 1, 2015.

The 2015-16 ASCE North Jersey Branch Officers are:

President	Michael P. Sears, PE
President-Elect	Dhiren K. Patel, PE
Vice President	Edgardo Perez, PE
Treasurer	Laura Hazen, PE
Secretary	Heather German, PE
Director.....	Scott Lubarsky, PE
Director.....	Kevin Doyle, PE



CURRENT JOB OPENINGS

Take advantage of the ASCE North Jersey Branch Career Center!

There are currently more than 20 job listings on the ASCE NJB Career Center. If you are seeking new opportunities or have opportunities at your company, visit <http://ascenjb.org/careers.html> and see what is currently offered! ASCE members can also post their company's job openings by contacting Edgardo Perez, ASCE NJB Secretary at pereze1@pbworld.com.

CONTACT

To submit a job posting to the ASCE NJB Section website, please email the position, title, and brief description (no more than 50 words) with link to original posting, if available, to:

Edgardo Perez
ASCE NJB Secretary
pereze1@pbworld.com

Listings should be civil engineering related, within commutable distance to/from the northern New Jersey area. There is no fee to place a listing, and the listing will remain up for 6 months or when requested to take the posting down, whichever comes first

22nd Annual ASCE Softball Tournament

ASCE's North Jersey Branch is pleased to announce the 22nd Annual Engineering Softball Tournament at Brookdale Park in Montclair, NJ. The tournament is scheduled for Saturday, September 12, 2015 (rain date September 19, 2015). Team space is limited, so please respond promptly (before July 1st) to reserve your spot. After August 15th only submitting the entry fee guarantees a spot in the tournament.

Teams get to play 3 games, with the potential of advancing to a single-elimination playoff round. The tournament champion will be awarded the trophy from last year's defending champion. Entry fee for the tournament is \$400.

**All proceeds
go towards
ASCE-sponsored
scholarships!**

Checks should be made
payable to:

ASCE North Jersey Branch

For additional details, please contact:

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(973) 338-5860(Fax)
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NJB Transportation Technical Group Event: Interchange 14A

On April 16, 2015, ASCE's North Jersey Branch Transportation Technical Group had a large turnout for a presentation at the Crowne Plaza in Fairfield on the New Jersey Turnpike Authority's (NJTA) Interchange 14A Improvements Project. The project was presented by Lisa Navarro, P.E., NJTA, Project Manager, Michael Morgan, P.E., Gannett Fleming, Consultant Project Manager and Brian Jecker, P.E., Dewberry, Lane Control System Project Engineer. The presentation included an introduction and background of the project, followed by a detailed description of the proposed improvements to the New Jersey Turnpike's Hudson County Extension (HCE), the Interchange 14A Toll Plaza, and the free side ramp improvements, including an animated simulation showing the operation of the proposed round-about for E53rd Street. In addition, the HCE Lane Control System was discussed in detail. This Lane Control System allows for the use of the EB HCE right shoulders to be utilized as traveled lane during peak hours to handle additional traffic which was diverted to the HCE due to the closing of the EB Pulaski Skyway for rehabilitation by the NJDOT. The project is currently under construction and expected to be completed by the fall of 2018.



**GEOTECHNICAL & STRUCTURAL
ENGINEERING CONGRESS**
Phoenix, Arizona | February 14-17, 2016



A Busy Spring for NJB Events!

This spring, the North Jersey Branch kept members busy with a wide variety of technical offerings and events. This spring's Technical Programs included:

- "Waterfront Edge Design Guidelines" - this technical dinner, organized by the North Jersey Chapter of COPRI, was attended by more than 50 people and was presented by the President & CEO of the Metropolitan Waterfront Alliance
- "Transportation System Resilience" - also organized by the North Jersey Chapter of COPRI, discussed lessons learned from Hurricane Sandy about the impacts of service interruptions due to natural and manmade events
- "NJ Turnpike Interchange 14A Improvements Project" (see above)
- "Goethals Bridge Foundations" - this technical dinner, which drew more than 60 attendees, focused on the geotechnical aspects of the \$1.5 Billion bridge project
- an ASCE Live Webinar on "Aging Infrastructure, Risks, and Making Tough Decisions"
- A full-day Geotech Seminar, "Foundations On and In Rock" - this annual event, organized by the Geotechnical Technical Group covered foundation topics in depth and awarded attendees with 8 PDHs.

Younger Member Group

NJB's Younger Member Group (YMG) continues to be amazingly active. In addition to many great technical presentations, the YMG group hosted such activities as the Annual Ski Trip, networking happy hours, a STEM night at a local high school and a professional development session, as well as hosting and coordinating a PE Exam information session and complete PE Review course.

Most recently the YMG hosted a Site Visit to the GSP Interchange 163 Improvements project. See p. 2 of the newsletter for upcoming YMG Events. For more information about YMG activities, email ymg@ascenorthjersey.org.

ASCE North Jersey Branch Congratulates the Project of the Year!

The NJ Turnpike Interchange 6 to 9 Widening Project was recognized at the ASCE NJ Section Awards Dinner on May 8, 2015

NJ Turnpike Interchange 6 to 9 Widening

At \$2.3 billion covering nearly 35 miles of roadway, the New Jersey Turnpike Authority's Interchange 6 to 9 Widening Program was a massive effort to extend its dual-dual roadway south to Interchange 6. A significant benefit of the Program for the motoring public was the elimination of a chronically congested chokepoint at the southbound merge at Interchange 8A.

Final design commenced in the spring 2007. As construction contracts were finalized, they were publicly bid and awarded allowing construction of the Widening Program to begin in May 2009 and be completed in November 2014. At its peak, it was the largest active roadway construction project in the Western Hemisphere. Approximately 170 lane miles were added, accommodating projected traffic needs through 2032. The Program included a program manager, eight major design firms, an environmental consultant, a constructability consultant, five construction management firms, numerous subconsultants, seventeen general contractors and hundreds of subcontractors and material suppliers.

The new outer roadways opened in May 2014 allowing the existing inner roadways to be closed to traffic for bridge deck repairs, median barrier repairs and roadway asphalt resurfacing. That work was completed in the fall of 2014 and the entire Widening Program opened in November 2014. It was the largest roadway capacity expansion project the Turnpike has ever undertaken and an extremely successful one that was completed on time and under budget.



The NJ Section Photo Challenge Continues!

The Section is seeking interesting pictures of infrastructure, construction techniques and projects in our area. Submit your high resolution photos including your name, address, the date the picture was taken and a caption to Greg Landry at glandry@mtac.com.

Highlight your project, team members at work or favorite New Jersey civil engineering marvel. The credited pictures will be used to spruce up our website and some will be featured in our newsletter.

Challenge Rules:

- Photos must be of ongoing or recently completed civil engineering projects in New Jersey.
- In submitting the image, you are confirming that any/all people that may be identified in the photo have consented to allow the use of this photo in the Section website or newsletter or any other publication or material produced by the Section.
- In submitting the photo, you verify that you are the owner of the photograph (and all the intellectual property rights to the photograph) and that you grant to the Section the irrevocable, perpetual, worldwide nonexclusive license to reproduce, distribute, display, and use the photo (along with a name credit) in any and all media. This license does not prohibit you from using the photograph for any other personal or professional use.

The Section reserves the right to reject or accept photos based on the sole discretion of its officers, committee members and staff.

ASCE North Jersey Branch Sponsors

This is the last issue before the new Sponsorship year kicks in. To be sure YOUR logo lands on this page, contact Mona Cavalcoli at mcavalcoli@gmail.com

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