

Walter Reed National Military Medical Center

Tuesday, November 30, 2010

The preliminary 2005 Base Realignment and Closure (BRAC) list was released by the U.S. Department of Defense on May 13, 2005. It recommended closing 33 major U.S. military bases and the "realignment" (either enlarging or shrinking) of 29 others. BRAC Recommendation 169 required the closure of the Walter Reed Army Medical Center (WRAMC) in Washington, DC, while focusing on priorities such as improving inpatient services, casualty care research, potential surge capabilities, and care for retirees. All tertiary (sub-specialty and complex care) medical services will be relocated to the National Naval Medical Center (NNMC) in Bethesda, MD. Upon completion of the project and relocation of the WRAMC, this center will be called Walter Reed National Military Medical Center (WRNMMC). Implementing Recommendation 169 is expected to cost \$1.6B, against a net savings of \$200M pre year starting in 2012. The new construction portion of the future WRNMMC is scheduled to be complete in fall 2010, with all renovations completed by September 2011.

The WRNMMC project is the largest single capital-infrastructure-development program ever undertaken in the military health system. This project is managed by the Naval Facilities Engineering Command's (NAVFAC) Officer in Charge of Construction and includes:

- \$1B in construction projects over three years
- Two major contracts and several smaller ones ranging from a few million to \$75M
- Over two million square feet of new construction and renovation

The new WRNMMC will result in the integration of NNMC and WRAMC into one consolidated facility at a single location. Specific changes at the realigned Bethesda campus will likely include



construction and renovation of approximately 2.4 million square feet of clinical and administrative space to support BRAC-mandated actions. Additional alterations and construction of support facilities such as gymnasium improvements, lodging expansion, additional parking, a Traumatic Brain Injury/Post Traumatic Stress Disorder Intrepid Warrior Transition Brigade Barracks are also planned. In total, these new facilities will accommodate an estimated 1,862 patients and visitors daily.

Our presenter, Masood Shoyooee, P.E., F.ASCE, started working for NAVFAC Washington in 2002 and has been working as a Project Leader (then Director) for BRAC Bethesda since October 2006. Before the Bethesda BRAC Project, he was Project Management and Engineering Branch Head for Public Works Department of North Potomac. Earlier in his career, Mr. Shoyooee served 8 years as the Manager of Capital Projects for the Department of Architectural, Engineering and Construction at the

University of Maryland. Mr. Shoyooee has both Bachelor's and Master's Degrees from the University of Maryland, College Park.

Mr. Shoyooee will provide a presentation on the background of BRAC, the NNMC, and the historical significance of the site. He will also talk about the challenges of the project and answer questions throughout the presentation. The Section meeting will be held on Tuesday, **November 30, 2010**, at the Hyatt Regency, 2799 Jefferson Davis Highway, Arlington, VA. This location is close to the Crystal City Metro Station, serviced by the Blue/Yellow Line. There is also a shuttle operating between the Crystal City Metro Station and the Hyatt every 15 minutes.

Registration and networking will be from 6 p.m. to 6:45 p.m., with a buffet dinner starting at 6:45 p.m. The program will start around 7:15 p.m. and close by 8:30 p.m. The cost will be \$10 for students and \$30 for all others. One Professional Development Hour (PDH) will be awarded to attendees. Click [here](#) to register. ■

President's Corner

The National Capital Section (NCS) of ASCE is focused on being the "home" for civil engineers in our region. National ASCE has a number of membership benefits and activities, including technical committees and government affairs. Our Section takes a more local view and focuses on issues and events of regional interest, some of which overlap with the national mission while others are purely our own. The Section *exists* because we offer opportunities that National ASCE can't, such as our outreach activities, ASCE History and Heritage activities (which are "hands-on" in the NCS), and a forum where local professionals with similar educational backgrounds can exchange ideas, learn, and grow as we practice the various sub-disciplines that make up civil engineering. In this fashion, the NCS and National ASCE compliment one another as they follow paths that are not completely parallel (and therefore, not redundant).

Our monthly meetings and the technical programs continue to be one of the Section's primary activities. The November meeting will feature a presentation on the Walter Reed National Military Medical Center Project. Mr. Massood Shoyooee, P.E., the Project Director, will deliver a presentation about the scope of the over \$1 billion project, and challenges involved in designing and constructing the facility. The meeting will be held on November 30, the Tuesday after Thanksgiving, at the Hyatt Regency in Crystal City, Virginia. Please make plans to attend this event. Attendees at the meeting will receive one PDH.

The Section co-sponsored a one-day Managing Project Risk Symposium on



Friday, October 22, 2010. This was an example of our local section cooperating with the national Construction Institute to provide training to our members on important issues facing civil engineers. Attendees heard presentations from nationally-recognized experts in the field of construction claims avoidance and risk management strategies. A panel discussion, including the perspectives from an attorney and a local government representative, engaged the audience in how best practices could be applied in real-life situations.

Locally, the Section also participates in a number of volunteer and outreach activities that promote the profession of civil engineering. On October 23 and 24, members participated in the USA Science and Engineering Festival on the national mall in Washington, DC. This was a program to encourage children to pursue science and engineering as an interest in school. In coming months, the Section will also participate in two other student outreach activities. These are Girl Scout Day and Family Day, which will be held at National Building Museum (NBM) in January and February, respectively. Both events use hands-on activities to explain engineering principles to children. These are fun events for the volunteers and valuable outreach activities for our profession. Programs like the USA Festival and the NBM activities have proven effective in increasing registration in college-level engineering programs. (See notices in this and the January newsletter for more details on the NBM events.)

Additionally, on October 30, volunteers were scheduled (as of this writing, the event was still to occur, weather

permitting) to spend the day restoring fences which surround one of the area's signature civil engineering landmarks: the Boundary Stones of the original land survey of Washington, DC. This long-term restoration effort (involving up to 34 fences) will be a flagship effort for the Section this year and in coming years as we head to the Section's 100th anniversary in 2016.

For civil engineers to be leaders in the profession, it is imperative to be trusted advisors on areas of public policy that affect the built environment. Becoming vocal participants in public policy discussions is an important method of allowing knowledgeable civil engineering professionals to shape the future. One way that ASCE has traditionally facilitated this process is by organizing the annual visits to congressional members in the spring, commonly known as the "Legislative Fly-In." This activity allows individual civil engineers from all over the county to participate. Those of us in the NCS have the advantage of not having to fly to Washington to meet with our members of Congress. The Fly-In is a great opportunity for civil engineers from across the nation to provide our legislators with focused input on the public policy issues that affect our profession and the country. We have included an announcement and link to the application process in this issue's Upcoming Events column, and will continue to provide further information as it becomes available in 2011.

I know everyone can find something of interest in our diverse programming. I hope you will take the time to participate in these important and rewarding events.

Sincerely,

Mark E. Leeman, P.E.

Newsletter

L.J. Sauter, Jr., Editor
Telephone: 202-502-8205

January 2011 Issue Deadline:
December 5, 2010

To Submit Articles:
laurence.sauter@ferc.gov

Address Changes:
Call 1-800-548-ASCE, email member@asce.org, go to <http://www.asce.org>, or write: ASCE – Membership, 1801 Alexander Bell Drive, Reston, VA 20191. Remember to include your membership number.

National Capital Section

Officers (2010–2011)

Mark E. Leeman, President
703-591-4855
mark.leeman@feapc.com

John Casana, Vice President
703-377-8980
casana_john@bah.com

Qamar Kazmi, Treasurer
240-238-2203
qkazmi@schnabel-eng.com

Rollie Berry, Secretary
301-415-6119
rollie.berry@nrc.gov

L.J. Sauter, Jr., Newsletter Editor
202-502-8205
laurence.sauter@ferc.gov

David R. Dajc, Director
703-404-6363
david.dajc@fhwa.dot.gov

Sara Guerrero, Director
703-591-4855
sara.guerrero@feapc.com

Christian Manalo, Director
703-377-1697
manalo_christian@bah.com

Stephen Powers, Director
703-417-0091
stephen.powers@mwa.com

Adam Stewart, YMF President
nscsymfpresident@gmail.com

Fady Afif, Past President
301-921-8231
afiff@bv.com

Fernando Pons, Past President
703-336-6203
fpons@haleyaldrich.com

Webmaster
(vacant)

Committee Chairs
Please refer to the NCS website at <http://www.asce-ncs.org> for a current list of NCS committees and chairs.

ASCE NCS Awards Banquet

Deadline for Award Nominations Coming Fast

The Annual Awards Banquet gives us the opportunity to recognize and celebrate local excellence in projects, engineers, and students who have contributed to our society and our community. Every year, the NCS presents a number of awards during its annual banquet. Recognized parties include our Community Service Award, Outstanding Civil Engineering Project, Meritorious Service Award, student scholarship award winners, and members of the NCS who have achieved Life Member status.

The Section award candidates are nominated by the Awards and Nominations Committee which actively seeks recommendations from NCS committees and members. All members are encouraged to submit, either by e-mail or postal mail, the names of the members and/or projects for nomination for one of these awards. The awards are granted by the NCS Board of Directors and are given at the annual section awards banquet held in the spring.

Community Service Award

The Community Service Award recognizes outstanding contributions by an individual toward community improvement in the Washington metropolitan area. The nomination can be submitted directly by the individual or by another member on his/her behalf. The nomination shall briefly describe the achievements and contributions of time and talent toward a civil engineering-related activity that has furthered the welfare of the community within a three-year period preceding the award. The Awards Committee reviews and selects the winner for this

year's award. The awardee will be notified and invited as an honored guest to attend the banquet and to receive the award. The award is an engraved plaque, naming the individual and accomplishment.

Outstanding Civil Engineering Project

This award recognizes a local civil engineering project and is given when an engineering project in the National Capital area is deemed to demonstrate the greatest civil engineering skills and represents the greatest contribution to civil engineering progress. The project must have been substantially completed within the preceding three years. In granting the award, the Awards Committee considers the contribution to the well being of individuals, the resourcefulness in planning, the solution of design problems, pioneering uses of materials and methods, innovations in construction, impact on the physical environment, unusual aspects, and aesthetic values. The possible adverse effects of the project are taken into account as well as the beneficial aspects. The award is made for uniqueness, contribution to the regional quality of life, and to recognize technical achievement. The award plaque is given, naming the project and the firms and/or agencies involved. The awardees are notified and invited to attend the banquet as guests to receive the award.

Meritorious Service Award

This award recognizes an individual member of the NCS who has made outstanding contributions to the work of the Section. The awardee must be an active member who has contributed significant time and talent to the Section and who sets a high standard of professionalism through service.

Please submit all nominations to Fady Afif no later than **January 7, 2011**.

Fady Afif, PE
Chair, Awards and Nomination Committee
Black & Veatch
18310 Montgomery Village Avenue,
Suite 500
Gaithersburg, MD 20879
afiff@bv.com ■

Volunteers Needed for Girl Scout Day at the National Building Museum, January 22, 2011

Volunteers are needed to assist the NCS at Girls Scout Day on Saturday, January 22nd at the NBM in Washington, DC.

This year the NCS will be teaching scouts about water filtration. Scouts will build their own mini filtration plant with sand, gravel, and

activated carbon. The Scouts will use their water filters to turn dirty water into clean water.

Help us inspire the next generation of civil engineers! Contact Dean Westman at dwestman@wrallp.com or call 703-293-9717. ■

ASCE-NCS Newsletter Patrons

HALEY & ALDRICH

7926 Jones Branch Drive
Suite 870
McLean, VA 22102
Tel: 703.336.6200
HaleyAldrich.com

20 offices nationwide

- Underground engineering
- Remedial investigations, design and construction
- Environmental management
- Brownfields reuse
- Sustainable design enhancement



NICHOLSON
VERSATILE GEOTECHNICAL CONTRACTORS

Nicholson Construction Company
12 McClane Street - Cuddy, PA 15031
Phone: 412-221-4500
www.nicholsonconstruction.com

- MICROPILES
- ANCHORS
- GROUTING
- AUGERCAST PILES
- SOIL NAIL WALLS
- SOIL MIXING
- DIAPHRAGM WALLS
- VIBRO TECHNOLOGIES



Joseph J. Doane, P.E.
President

Structural & Soil Systems, Inc.
8502 Buckhannon Drive
Rockville, MD. 20854-3503
(301) 983-9777

Engineered Problem Solving

AACEI National Capital Section Meeting Announcement



This dinner meeting will be held jointly with the National Capital Chapter of the Construction Management Association of America (CMAA) and the American Society of Civil Engineers (ASCE)

Date: Thursday, November 18, 2010

Time: Networking Begins at 5:00 p.m.
First Talk Begins at 5:30
Intermission and a light dinner
Second Talk begins at 7:00 p.m.

Location: Ronald Reagan Building
The Oceanic Suite
1300 Pennsylvania Avenue, NW
Washington, DC 20004
[Near the Federal Triangle Metro station on the Orange and Blue Lines.
For details, go to the following website: <http://www.itcdc.com/about.php?p=8>

Cost: \$40.00 per Person for the double event (including dinner and refreshments)

Please send an e-mail to dan.melamed.dc@gmail.com before close of business on Monday November 15, 2010 to confirm attendance.

The National Capital Section of the AACE will be holding its November meeting with two seminars focused on the Leadership in Energy & Environmental Design (LEED). We plan to begin the evening early with some light refreshments following by our first talk. After the first talk we will have a brief intermission where we will have a light dinner followed by our second talk. The two talks, presented by accomplished experts in the field are listed below:

LEED Basics: A Look at Building Certification, Professional Accreditation & Cost Implications

*Presented by Lauren Buckler, LEED AP BD+C, CEM,
Johnson, Mirmiran & Thompson (JMT)*

Implementing LEED: A Look at Building Certification, Professional Accreditation & Cost Implications

*Presented by Douglas Wrenn, LEED AP, BCP,
McDonough Bolyard Peck, Inc. (MBP)*

Enhance Your Leadership Skills with ASCE's Leader Education and Development (LEAD) Program

Would you like to give your managers and rising leaders an experience that they can continually draw upon to help your organization achieve success?

Would you like to be better equipped to lead project teams and improve client relationships? If so, LEAD gives you and your employees the opportunity to **develop leadership skills and confidence that will reap personal and organizational benefits.**

LEAD is an eight-month, highly interactive course, comprised of seven training sessions and one individual coaching session. Participants develop skills to effectively build trust with co-workers, motivate staff, improve client relationships, lead change, handle conflict situations, and more.



The next offering of LEAD will begin on **November 30, 2010**, at **ASCE Headquarters in Reston, Virginia.**

Every participant has said they would recommend LEAD to others, rating the program on average a 4.8 on a scale of 5.

The **registration deadline of November 10** is quickly approaching. [Register today!](#)

Questions?

Contact Melissa Prelewicz at ASCE: 703-295-6341 or mprelewicz@asce.org. Visit www.asce.org/lead for more information. ■

Maryland Adds Continuing Education to Professional Engineering Licensure Requirements—UPDATE

The State of Maryland has joined at least 42 other states in adding continuing education requirements for renewal of professional engineering licenses. House Bill 80 was approved by the legislature and signed into law by Governor Martin O'Malley on April 13, 2010.

The law requires the State Board of Professional Engineers to adopt regulations regarding demonstration of continuing "professional competency" for engineers renewing licenses after October 1, 2011. The regulations will be phased in, with engineers renewing licenses between October 1, 2011 and September 30, 2012 required to fulfill at least 50 percent of the professional competency requirements. Compliance with the full professional competency requirements is required for those renewing licenses on or after October 1, 2012. Demonstration of professional competency will not be required for the first renewal of a license.

Demonstration of professional competency has not yet been defined by the Board for Professional Engineers. Undoubtedly, demonstration of professional competency will include earning PDHs or continuing education units (CEU) through engineering education activities. The presentations given by engineers and other professionals at the monthly NCS meetings meet the definition of a PDH. Certificates noting the PDH credits earned are distributed following each meeting. NCS members and non-members are encouraged to attend the monthly meetings to meet fellow engineers, share a good meal, and earn PDH credits. ■

(Editors note: This article updates our coverage of the Continuing Professional Competency issue which began in the NCS September newsletter. If you missed that edition of the newsletter, visit the NCS website at <http://www.asce-ncs.org> and look under the Newsletters link.)

2011 ASCE-NCS Sustainability Award Nomination

The sixth annual presentation of the ASCE-NCS Sustainability Award will recognize either private-industry outreach initiatives/projects or public legislation/programs in the metropolitan Washington, DC area that advance or promote the responsible and sustainable development of infrastructure, the built environment, or the conservation of natural resources. Last year (2010), the award recipient was the Wolf Trap Foundation.

Award/Recognition Criteria

1. The initiative (The Nomination) *advances or promotes sustainable development* as defined by the ASCE's Code of Ethics:
"Sustainable development is the challenge of meeting human needs for natural resources, industrial products, energy, food, transportation, shelter, and effective waste management while conserving and protecting environmental quality and the natural resource base essential for future development."
2. The Nomination *adopts a long-term view*, cognizant of environmental, social, and economic implications, and places heavy emphasis on the impact of choices made now on succeeding generations.

3. The Nomination must be located within the geographical limits of the NCS, i.e., the jurisdictions of Montgomery County, Prince George's County, Loudoun County, Fairfax County, City of Alexandria, Arlington County, or the District of Columbia.

Succinct Description of Initiative (limit to 100 words)

Your nomination should address the following:

- the public or private entity responsible for the program (include point of contact information, if available), and
- how the Nomination meets the general criteria outlined above.

The nominating individual must provide **his/her name, affiliation, telephone number, and e-mail address**, and all nominations should be submitted by **February 15, 2011**. For more information or to submit a Nomination contact John Casana, P.E., Chair, ASCE-NCS Sustainability Committee, at casana.john@bah.com. This year's winner will be announced at the NCS Sustainability Banquet on March 22, 2011. Anyone interested in becoming involved with the Sustainability Committee should contact John Casana. ■

September Meeting Recap

ICC Highway Project, New NCS Officers

Maryland State Highway Administration's (MSHA) **Melinda Peters**, the **Project Director for the InterCounty Connector (ICC) Highway Project**, was the speaker at the September NCS meeting. Ms.

Peters, one of the youngest women in the country to manage the design and construction of a "mega project" estimated at \$2.5 billion, spoke about some of the challenges faced in developing and executing the ICC. The ICC is one of the most controversial highway projects to be built in the Washington, DC metropolitan area since the construction of Interstate 66 in Northern Virginia.

Ms. Peters noted five major challenges on the project. These included: the first mega design-build project undertaken by MSHA, public involvement, maintaining quality, environmental compliance, and agency and developer coordination. The ICC Project was developed on performance-based specifications and contracts were awarded based on a "best value" evaluation. Public involvement included interaction and coordination with over 56 homeowner and community associations. Media relations in two major markets, Washington, DC and Baltimore, were maintained to provide the public with information on the progress of the project. A proactive, "early and often" communication approach helped in minimizing surprises on the project. Ms. Peters stated that the ICC is the first MSHA project where the Design-Builder is responsible for quality control and the ICC Team, representing the Owner, performs the quality assurance function, under a formal quality assurance oversight program. Environmental compliance was critical to project success and high performance standards for compliance were set and met by maintaining the project team's commitment to agencies and the public.

The ICC Project includes many contract elements focusing on environmental and social benefits. These include compensatory mitigation and environmental and community stewardship,

while providing opportunities for participation by Disadvantaged Business Enterprises within the community. Ms. Peters noted that while environmental impacts on wetlands, streams, and parklands are being kept at a minimum, mitigation for these impacts will far exceed that typically required or implemented on similar projects.

Ms. Peters presented a brief update of progress on the three major ICC contracts currently under construction: Contracts A, B, and C. She noted that the two remaining project elements (Contracts D and E) are yet to be advertised.

The plan is for the ICC to be a toll road. Ms. Peters mentioned that the decision to build a toll road was made in 2003 when the final environmental impact statement was re-initiated. The tolls will help fund the construction, operation, and maintenance of the highway. Tolls for the ICC will be collected from vehicles

travelling at highway speeds from equipment mounted on overhead structures and paid via an *E-ZPass*® account.

Currently, Contract A is about 90 percent complete, Contract B about 40 percent complete, and Contract C about 60 percent complete. Ms. Peters encouraged all to come and observe the on-going construction.

The other major activity of the September NCS meeting was the induction of new NCS officers. Kim Parker Brown, ASCE Region 2 Governor and NCS past president, presided over the induction and introduced the new officers to the group. We also heard comments from Ray Darvishian, outgoing ASCE Region 2 Director, before concluding the meeting. ■



Melinda Peters, ICC Highway Project Director



Outgoing President Fady Afif passes the gavel to incoming President Mark Leeman.



Kim Parker Brown, ASCE Region 2 Governor



Listening intently: Delon Hampton, ASCE and NCS Past President, and Ray Darvishian, outgoing ASCE Region 2 Director

Employment Clearinghouse

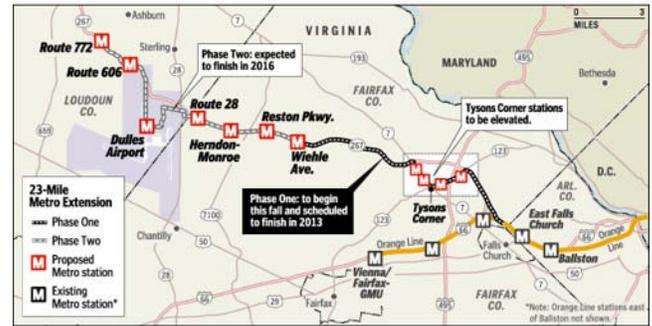
The ASCE-NCS provides the Employment Clearinghouse as a free service to its membership. The Clearinghouse allows members to post short notices for available positions or candidates seeking employment. If you have questions or

would like to post a position, please contact the Employment Conditions Committee, National Capital Section ASCE, 8502 Buckhannon Drive, Rockville, MD 20854-3503; phone: (301) 983-9777; fax: (301) 983-1953; or e-mail sassi22@verizon.net.

Dulles Corridor Metrorail Project

Sam Carnaggio, P.E., Project Director, Metropolitan Washington Airports Authority to speak at January 18 NCS Meeting

The Metro Silver Line construction will be the topic of the January meeting, to be held at our usual meeting place, the Hyatt Regency, 2799 Jefferson Davis Highway, Arlington, VA. Mr. Carnaggio is expected to present an overview of the project and the status of the current schedule for design and construction. ■



Map courtesy Inetpup at en.wikipedia

Upcoming Events (Also available on the NCS website under the Events tab)

Wednesday, November 3

YMF Happy Hour from 6–8 p.m. at Ri Ra Irish Pub, 2915 Wilson Boulevard, Arlington, VA. No RSVP needed; Click [HERE](#) for additional information. E-mail [Sonja Hinish](#) if you have questions. Ri Ra is accessible via the Courthouse Metro Station on the Orange Line.

Saturday, November 6

ACE Mentors Program Build-it Day, 8:30 a.m. to 4:00 p.m. at Coolidge High School, 6315 5th Street NW in Washington, DC. Join ACE DC's Coolidge High School Mentor Team and the American Society of Landscape Architect's Potomac Chapter's Legacy Project. Click [HERE](#) to learn more (click on the National Capital Planning Commission Website link), or volunteer by e-mailing [Elizabeth Miller](#) and [washingtondc@acemmentor.org](#). Can't make November 6? The activity will continue on **November 13th** at 8:45 a.m.

November 14–17

ASCE's Transportation & Development Institute will sponsor the first Green Streets and Highways Conference in Denver, CO. For conference details and online registration, visit [www.green-streets-highways.org](#).

Thursday, November 18

The Association for the Advancement of Cost Engineering International will hold a dinner meeting with speakers focusing on LEED Basics and Implementing LEED at the Ronald Reagan Building in Washington, DC. Cost is \$40. Please send an e-mail to [dan.melamed.dc@gmail.com](#) before close of business on Monday, November 15 to confirm attendance. (See flyer elsewhere in newsletter.)

Tuesday, November 30

NCS monthly meeting featuring Masood Shoyooee, Project Director,

BRAC Bethesda, speaking on the Walter Reed National Military Medical Center Project at the Hyatt Regency in Arlington. (See newsletter article.) There will be a **NCS Board of Directors** meeting from 4:45–5:45 p.m. (immediately preceding the monthly meeting); all NCS members are invited!

Tuesday, November 30

Next offering of ASCE's highly-acclaimed 8-month LEAD training in Reston, VA. Develop leadership skills and confidence that will reap personal and organizational benefits. But hurry; the registration deadline is **November 10**. Questions: contact Melissa Prelewicz at ASCE (703-295-6341 or [mprelewicz@asce.org](#)) or visit [www.asce.org/lead](#) for more information.

Wednesday, December 1

YMF Happy Hour at a location in DC to be announced. Please watch the NCS website for additional information. NOTE: this will be a Toys-for-Tots event!

Friday, December 31

Deadline for nominations for the DC Council of Engineering and Architectural Societies (DCCEAS) Engineer/Architect and Young Engineer/Architect of the Year Awards. These awards honor members of the engineering and architecture professions for outstanding accomplishment in the fields of engineering, architecture, and affiliated technologies. Further information and awards description is available on the DCCEAS website at [http://dcecas.org/awards.html](#).

Tuesday, January 18, 2011

NCS monthly meeting featuring Sam Carnaggio, Project Director of the Dulles Corridor Metrorail Project,

speaking on the Metro Silver Line. (See newsletter brief and watch for more information in the January 2011 edition of the NCS newsletter.)

Saturday, January 22, 2011

Girl Scout Day at the National Building Museum in Washington, DC. NCS is looking for volunteers to teach young scouts about water filtration and assist them in constructing their own mini filtration unit. Contact Dean Westman at [dwestman@wrallp.com](#) or call 703-293-9717.

Saturday, February 19, 2011

Family Day at the National Building Museum. NCS is looking for volunteers to encourage children to explore Civil Engineering by helping them design a tower that can hold up a tennis ball while withstanding a wind force supplied by a fan. Volunteers will work the morning and/or the afternoon shift. More details will be released in the January 2011 edition of the NCS newsletter, but please contact Emily Dean at [EDean@mrakta.com](#) to volunteer!

February 21–26, 2011

Engineers Week 2011. Plan now on numerous activities in the DC metropolitan area, including a Proclamation Luncheon (February 23) and Awards Banquet (February 26) scheduled by the DC Council of Engineering and Architectural Societies. Watch for more information in the January 2011 edition of the NCS newsletter.

March 29–31, 2011

ASCE Legislative Fly-In in Washington, DC. This program gives civil engineers the opportunity to educate and influence lawmakers on public policy issues affecting the profession of civil engineering. Click [HERE](#) for more information or to begin the registration process.