

## Dulles Metrorail Project

Tuesday, January 18, 2011

The Metropolitan Washington Airports Authority (MWAA) is constructing a 23-mile-long extension of the existing Metrorail system, which will be operated by the Washington Metropolitan Area Transit Authority from East Falls Church to Washington Dulles International Airport west to Ashburn. The extension will serve Tysons Corner, Virginia's largest employment center, and the Reston/Herndon area, the state's second largest employment concentration. And, it will provide a one-seat ride from Dulles International Airport to downtown Washington.

### Phase 1 and 2

The project will include 11 new stations and will be built in two phases. Phase 1 will run from East Falls Church to Wiehle Avenue on the eastern edge of Reston. It will include four stations in Tysons Corner: Tysons East, Tysons Central 123, Tysons Central 7, and Tysons West. Construction began in March of 2009 and it will be completed in 2013.

Phase 2 will run from Wiehle Avenue to Ashburn in eastern Loudoun County. A construction date has not been set for the extension that will serve Reston Town Center, Herndon, Dulles Airport, Route 606, and Ashburn.

The purpose of Dulles Metrorail is to provide high-quality, high-capacity transit service in the Dulles Corridor. New Metrorail service in the corridor will result in travel time savings between the corridor and downtown DC, expand the reach of the existing regional rail system, offer a viable alternative to automobile travel, and support future transit-oriented development along the corridor.

The project is being managed by MWAA and Dulles Transit Partners under the

direction of Project Director, Charles "Sam" Carnaggio, P.E., who will be our presenter at the section meeting. Mr. Carnaggio is a registered professional engineer with thirty years of experience as an engineering consultant, contractor, and public servant. Before being named as the Project Director of the Dulles Corridor Metrorail Project, he served as the National Director of Engineering for the Federal Transit Administration in the U.S. Department of Transportation. In his five years with Federal Transit, he developed national policy and guidelines, monitored the success of over 100 capital projects across the country, and provided input on the worthiness of projects to the Administration and Congress. Prior to his federal service, he served as the Deputy Administrator for the State of Maryland's Mass Transit Administration where he was responsible for the operations and engineering of transit operations throughout Maryland including Baltimore's Metro, light rail, bus, and paratransit systems; as well as the MARC commuter rail,



the State's commuter bus operation, and the interface with the Washington Metropolitan Area Transit Authority. Mr. Carnaggio earned a Bachelors Degree in Civil Engineering from The

Catholic University of America, an MBA from Loyola College, and studied management at the Naval Postgraduate School in Monterey California. In 2001, he was selected and completed the Executive Management Program at the Federal Executive Institute in Charlottesville, VA. Mr. Carnaggio lives in

Clarksville, MD with his wife, Eileen, and three of his six children.

Mr. Carnaggio will provide a presentation on the current construction and update the status of the project. He will also talk about the challenges of the project and answer questions throughout the presentation. The Section meeting will be held on Tuesday, **January 18, 2011**, 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. Please **RSVP by January 14, 2011**. 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

I hope everyone had an enjoyable holiday season and wish all a happy and prosperous New Year. With the closing of a year, we have an opportunity to take stock of past events and set goals for the future. Even if a formal New Year's resolution is not made, at least we can use this time as a reminder to look a bit more broadly at our activities and set some priorities.



As civil engineers, we are given the opportunity to be members of a profession that offers engaging and interesting employment. Members of our profession make valuable contributions to society through the design and development of the built environment. These opportunities are available to us because of the state of the profession. I would like to encourage all of ASCE's members to take stock of the state of the profession and use this year to give something back to the profession. This year, the National Capital Section (NCS) offers several opportunities to make a contribution to the profession, hopefully leaving it stronger for the future. Some opportunities that I believe merit attention are:

■ **Two activities that ASCE-NCS has participated in for a number of years are held in January and February at the National Building Museum (NBM). These are the **Girl Scout Day**, held Saturday, January 22, 2011, and the **Discover Engineering Family Day**, held Saturday, February 19, 2011. Each year, the NCS participates in these activities to help develop the next generation of engineers. To strengthen our profession, we must attract the best and brightest students. Pre-college**

outreach programs such as these are ways in which ASCE helps to accomplish this goal. These are fun and rewarding events for adults and children. If you have not been to one of these events before, I encourage you to volunteer. Information on these events is presented in the newsletter.

■ **Boundary Stones**—the NCS has undertaken a program to restore fences around the boundary stones that mark the original land survey for the District of Columbia. In October, volunteers spent a Saturday restoring fences for three of the stones (see the article elsewhere in this newsletter). This was not only an opportunity to preserve a unique civil engineering historic landmark, but to engage engineering students in an activity with practitioners. Another restoration day is planned for the spring, which will focus on additional stones. In addition to the restoration, a picnic will be held at one of the sites for kids and family. Notices will be placed in the newsletter and on the website with more details after the event is scheduled.

■ **Younger Members**—A professional development meeting was held in November, featuring Mr. James Madison Cutts, who discussed restoration of the Washington Monument. The Younger Members also held a happy hour and Toys for Tots event in December. This group is the future of ASCE. If you are a younger member (age 35 or less) or have younger members in your organization, I encourage you to participate or suggest participation in this group.

■ **Sustainability and Annual Awards.** At our March and April

meetings, respectively, the NCS will host its annual Sustainability and Annual Award Banquets. These are events to recognize our members through their professional accomplishments and community service. We also recognize the students graduating from universities in the NCS. I encourage you to nominate projects or professionals for awards to receive recognition. This is another way members can strengthen the profession. Please see page 3 of the newsletter for award nomination information.

■ **ASCE's Legislative Fly-In Program**, March 29–31, 2011, in Washington, D.C. Beginning with briefings on the latest civil engineering issues pending in Congress, participants also visit with their Representatives and Senators on Capitol Hill to educate and lobby them on the issues. Anyone interested in walking the halls of Capitol Hill and learning firsthand how policy is crafted would benefit from this program. Applications are due by Friday, January 28, 2011. For more information, see the one-page flyer in the newsletter or go to <http://www.asce.org/Content.aspx?id=7364>. This program is another way that civil engineers can shape the issues and policies that affect our profession.

Please consider participating in some of these events in 2011 as a way to give something back to the profession.

I wish everyone a happy and prosperous new year.

Sincerely,

Mark E. Leeman, P.E.

## Newsletter

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

**February 2011 Issue Deadline:**  
January 15, 2011

**To Submit Articles:**  
[laurence.sauter@ferc.gov](mailto:laurence.sauter@ferc.gov)

**Address Changes:**  
Call 1-800-548-ASCE, email [member@asce.org](mailto: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

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**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.

## Update: ASCE-NCS Annual Awards Banquet

The Annual Awards Banquet held in April each year 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.

This year, the Section will be honored to have **ASCE's new President, Kathy Caldwell, P.E.**, as our speaker for the evening. Kathy is president of Caldwell Cook and Associates in



Gainesville, FL, which she joined in May 2008. Prior to that, she spent almost two decades with JEA Construction Engineering Services, Inc. where she served as a design engineer, project manager, and senior construction resident engineer for a variety of clients before becoming Division Manager and then Vice President. During her time in ASCE, Kathy has served in many different capacities, including past president of the Florida section.

At the banquet, Caldwell will discuss the focus for her term as ASCE President, represented by the acronym

"MOVE." MOVE stands for "momentum," "opportunity," "vision," and "engagement." Kathy will outline her plans to integrate these concepts into her leadership of ASCE during her term.

The NCS Board of Directors is excited to have this opportunity to hear Caldwell speak and looks forward to hearing her remarks as we honor our award winners. Please watch the NCS website and the February newsletter for additional information on this annual event. ■

*(Editor's note: Award nominations are due by **January 7**. Please submit all nominations to Fady Afif, Chair of the NCS Awards and Nomination Committee, at [afiff@bv.com](mailto:afiff@bv.com).)*

## ASCE'S Vulnerability and Risk Management Conference

Mark your calendars for ASCE's upcoming International Conference on Vulnerability and Risk Analysis and Management, which will also include the Fifth International Symposium on Uncertainty Modeling and Analysis (ISUMA 2011). The Conference will be held on **April 11-13, 2011**, in Hyattsville, MD,

adjacent to the University of Maryland campus.

Technical program topics will cover a wide spectrum of risk management issues, including critical infrastructure protection, systems-thinking approaches, security risk analysis, hurricane models, seismic risk analysis, structures and risk,

climate and wind engineering, health monitoring, and geotechnical hazards analysis.

Plan to attend so you can participate in discussions on current and emerging hazards and research results affecting the built environment. Registration is now open; click [HERE](#) for more information. ■

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## ASCE Legislative Fly-In

**March 29-31, 2011**

*Make sure your state is represented!*

### **Dear ASCE Leader:**

Want to help make a change in Washington, DC?

**ASCE's Legislative Fly-In—March 29-31, 2011 in Washington, DC**—gives civil engineers the opportunity to educate and influence lawmakers on public policy issues affecting the profession of civil engineering.

[Apply now to attend this informative and interactive two-day program](#)

*The program includes:*

- Briefing sessions on key legislation active in Congress
- Training on lobbying and influencing your elected leaders
- Lobbying visits with elected leaders on Capitol Hill
- Networking with your ASCE peers from across the country
- Tips on continuing relationships with your elected officials once you return home

**We would like to have every state** represented at the 2011 Legislative Fly-In. Please help us reach our goal by encouraging your fellow ASCE members to attend.

There is no registration fee for ASCE members to attend the Legislative Fly-In. There are a limited number of travel stipends available.

Visit <http://www.asce.org/Content.aspx?id=7364> for more details and to complete the online application to attend.

[Save the Date and add to your Outlook calendar!](#)

**Questions?** Contact ASCE Government Relations at [govwash@asce.org](mailto:govwash@asce.org) or 202-789-7850

# ASCE's Construction Institute and the Construction Industry Institute (CII) to hold Joint Workshop on CII Best Practices

January 7-8, 2011, in Reston, VA

ASCE's Construction Institute is collaborating with the CII to present [workshops on CII's Best Practices](#), as identified by its research team on Applicability of CII Best Practices by Industry Sector and Project Type.

A **CII Best Practice (BP)** is a process or method that, when executed effectively, leads to enhanced project performance. CII strives to ensure that BPs address the needs of its entire membership, which is comprised of all construction industry sectors, including: heavy industrial, building, light industrial,

government, institutional, infrastructure, and public utilities.

CII's survey used four indicators to measure the applicability of CII BPs across four industry sectors:

**Adaptability:** Can the CII BP be modified for use on your organization's projects within this industry?

**Integration:** Has the CII BP been integrated into your organization's project work processes?

**Frequency:** How often is the CII BP used on your organization's projects within this industry?

**Value:** Does the CII BP add value to your project performance within this industry sector?

The first of these three workshops will be held in Reston, VA, beginning with a dinner on January 7th and continuing all day on the 8th. Click [HERE](#) to check-out the tentative agenda for the day, and to register online, click <https://secure.asce.org/ASCEWebSite/Estore/AddProductToCart.aspx?ProductId=17896>. For more information on attending, contact [Laura Ciampa](#). ■

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

Volunteers are still needed to assist the NCS at Girls Scout Day on Saturday, January 22nd at the National Building Museum (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](mailto:dwestman@wrallp.com) or call 703-293-9717. Hurry; this event is a tremendous opportunity and it's just around the corner! ■



## Another Volunteer Opportunity— Family Day at the NBM, February 19, 2011

Family Day at the NBM is an event that should not be missed! Each year at the beginning of Engineers Week, the NBM hosts science- and engineering-related organizations that come from all over to inspire children of all ages to discover engineering. Since the very first year, ASCE-NCS has been among the organizations represented at Family Day.



This year we are doing a high-rise activity which will lead kids through the design process to see who can build the tallest tower while withstanding a wind force from a fan. All of the materials will be provided by NCS but we need volunteers to help set up, clean up, and most importantly, to guide and encourage the children through the activity. We are expecting upwards of 5,000 kids, so the more volunteers the better!

We will again be working in two shifts, morning and afternoon. The morning shift will be from 9 a.m. until 1 p.m., and the afternoon shift from 12:30 p.m. until 5 p.m. We need volunteers of all ages, experiences, and disciplines. Please contact Emily Dean at [dean.emilyanne@gmail.com](mailto:dean.emilyanne@gmail.com) for more information or to sign up to volunteer. ■

## The Importance of Metro to the DC Region

### Tentative Topic of the February NCS Meeting

The February NCS meeting is set for February 23rd at the Rayburn Office Building, Gold Room, with Representative Jim Moran (invited) to speak on the importance of Metro to the DC Region. Representative Moran serves Virginia's Eighth Congressional District and is a strong advocate of metro safety and funding. The Rayburn Office Building is located on the south side of the Capitol grounds and is open to the public. Registration will begin at 6 p.m. **Further updates will be posted on the ASCE-NCS website and in the February edition of the newsletter.** ■

## Maryland Adds Continuing Education to Professional Engineering Licensure Requirements—REMINDER

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 Maryland P.E.s renewing licenses on or after October 1, 2012.**

Demonstration of professional competency will not be required for the first renewal of a license.

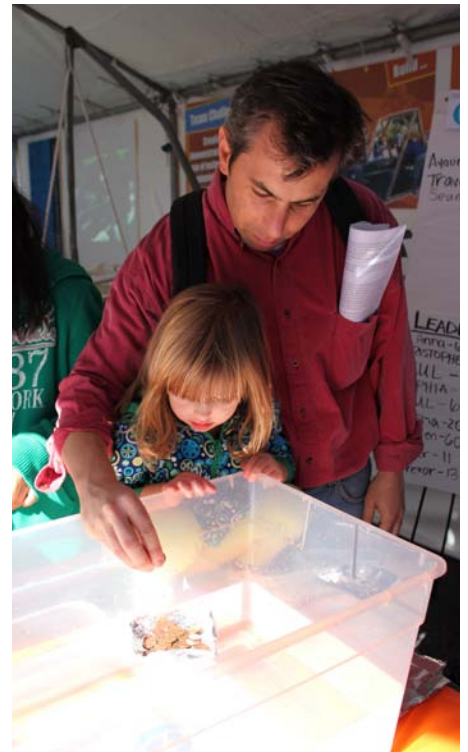
Demonstration of professional competency has not been defined by the Board for Professional Engineers yet. Undoubtedly, demonstration of professional competency will include earning professional development hours (PDH) or continuing education units through engineering education activities. **The presentations 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 meal, and **earn PDH credits.** ■

*(Editors note: We are again running this article because of its importance to our members and the engineering community at large. It updates our coverage of the Continuing Professional Competency issue which began in the September 2010 edition of the NCS newsletter. If you missed that edition, visit the NCS website at <http://www.asce-ncs.org> and look under the Newsletters link.)*

## ASCE-NCS Participates in USA Science & Engineering Festival on the National Mall, October 23-24

Thousands of people including many families and young children attended this widely-publicized event on a sunny weekend in October. Volunteers from the NCS and student members from George Washington and Clemson Universities helped with the activities at the ASCE booth. The Festival featured 1,500 interactive exhibits to show children the wonder and excitement of science, technology, engineering, and mathematics. ■



# NCS Volunteers Restore Three Boundary Stone Sites

## October Efforts an Overwhelming Success

"Is someone buried there?" asked a passerby on Halloween weekend. An appropriate question directed to the NCS volunteers as they worked to clean and restore a small fenced area marked by a stone. In reality, the group was cleaning around one of DC's Boundary Stones. The stones date back to 1791-1792, when surveyors delineated the 40-mile-square boundary lines between Virginia, Maryland, and an area simply named "Jurisdiction of the United States," which was to become the Federal City of Washington, DC.

Remarkably, 36 of the original 40 stones have survived. Various groups over the years, including the Daughters of the American Revolution, have taken on the task of maintaining and protecting the stones. Led by Stephen C. Powers, P.E., the NCS is the latest group to take on the challenge of maintaining the sites and providing repair and restoration of the fencing that was added almost 100 years ago. To date, funds for current efforts were provided by the NCS.

A group of over 20 volunteers took on the task of cleaning up **three of the sites** in October. Efforts included digging up weeds; removing years of old, neglected paint; priming and painting the fencing; and adding mulch to the area. While strenuous, the work was fun

and rewarding. Ben Shuman saw the day as a way to combine his love of the past with his present profession. Janelle Barth, a recent Duke graduate, participated to get more involved with the NCS for a good cause. Joe Bozic, a member of ASCE since 1969 and now retired, took the opportunity to give back to the city he loves and to maintain a history of our profession. Several Howard University students from the ASCE student chapter joined-in to further their involvement with the Society.

This was the second volunteer effort to restore the fences, with the kick-off event held on May 15, 2010, at the East Cornerstone. Stephen is leading the effort of the NCS to increase the numbers of volunteers with the goal of restoring the fences and cleaning up around all of the stones over the next few years. Volunteers to be targeted will include students, ASCE members, Boy Scouts, Girl Scouts, and other local stakeholder groups with interest in the stones in order to expose more to the profession of Civil Engineering and these national treasures. The ultimate goal of the Section is to have ASCE designate the stones a Civil Engineering Historic Landmark by 2016, joining over 200 projects worldwide that have achieved this prominent designation.

While the passerby looked a bit disappointed to find out there was nothing sinister about the site, he and others were pleased to learn a little about the significance of a stone they have passed by and wondered about on a daily basis.

In addition to project leader Stephen Powers, THANK YOU to the volunteers who took part in the October 30, 2010 efforts. Please see page 8 for photos of the sites and volunteers.

For further information or to sign-up for future restoration efforts (planned for spring 2011), contact Stephen Powers at [stephen@designpowers.com](mailto:stephen@designpowers.com). Information on this long-term project will be posted on the Boundary Stone Restoration page on the ASCE-NCE website at [http://asce-ncs.org/index.php?option=com\\_content&view=article&id=23&Itemid=19](http://asce-ncs.org/index.php?option=com_content&view=article&id=23&Itemid=19). ■

*(Editors note: Stephen has set a high bar by tackling three sites in a single day. While it'll be a bit before the weather cooperates to allow more work to be done [think spring], the work done in October 2010 demonstrates just how do-able our goal really is. Congratulations to Stephen and his cadre of volunteers!)*

*continued on page 8*

## October Meeting Recap

### Infrastructure Spending in Fairfax County

The NCS held its October meeting on a rare Wednesday night and the attendees were not disappointed. Sharon Bulova, Chairman of the Fairfax County, Virginia Board of Supervisors, delivered a presentation describing the vision and challenges of infrastructure spending in her county. Fairfax County, like many other municipalities in the country, has been significantly affected by the national economic downturn and Bulova focused her remarks on how this affected infrastructure funding.

A primary theme of Mrs. Bulova's remarks was the concept of partnerships in the funding of infrastructure. Because of the reduced funding for transportation available from all sources, Fairfax County has had to strengthen its relationship with its funding partners to both develop new projects and maintain existing infrastructure. Because over 70

percent of the County's funding comes from property taxes, reduced property values have resulted in a \$200 million reduction in funding from 2009 levels for the County. Due to this economic reality, Bulova explained that the County's goal was to keep tax bills steady for residents, while making necessary cuts, leveraging available resources in more innovative ways, re-prioritizing needs, and tapping alternate sources to fund programs. Transportation projects, being some of the most visible and expensive projects in Fairfax County, were the primary focus of Bulova's remarks to the NCS.

The primary partnership discussed as a source of funding was the County's



relationship with its residents, landowners, business leaders, and commuters. Funding from the Commonwealth has significantly dropped in recent years, further requiring the County to look internally to make ends meet. Some funding was received from federal "stimulus" initiatives, allowing the completion

of the Fairfax County Parkway in 2009, as one example. However, stimulus funding has not provided a large source of funding for Fairfax County transportation projects. As the County is a major contributor to all projects, Bulova discussed the various sources of money raised within the County to fund new

*continued on page 10*

**NCS Volunteers Restore Three Boundary Stone Sites**  
*continued from page 7*



Southeast stone #1: Before



Southeast stone #1: After



Volunteers at Southeast stone #1: Luwaseyitan Joshua Durodola, Bob Efimba, Dwayne Campbell, Chris Johnson, Diego Antezana, Tim Garland, Lauren Reed, and Duwit Kebede.



Southeast stone #3: Before



Southeast stone #3: After



Volunteers at Southeast stone #3: Alica Karwoski, Scott Wolf, Chas Langelan, Chidi Ekeocha, Kristen Buchholz, Tim Garland, Rishi Jaglal, and Bob Fuller.



Southeast stone #5: Before



Southeast stone #5: After



Volunteers at Southeast stone #5: Mark and Patty Leeman, Ben Shuman, and Janelle Barth.



# New ASCE-NCS Sponsorship Opportunities Announced for 2011

This year, the NCS Board of Directors has re-structured our sponsorship opportunities to include a new meeting sponsorship as well as our traditional newsletter and Annual Awards Banquet sponsorships. Rather than asking you (the civil engineering community) multiple times to support your local ASCE chapter, we are offering new tiered sponsorship packages to aid you in determining your annual support level. The tiered packages offer additional discounts to help you to remain a visible partner to ASCE throughout the year. Visible recognition for your support is a key part of the program.

## Sponsorship Categories

To assist you in selecting the appropriate level of support appropriate for your firm, we have outlined our specific sponsorship opportunities below. A discussion of our new partner program also follows to describe the discounts available to our key partners.

**Newsletter Sponsor:** Exposure to over 3,500 members 8 times per year through a 3-by-5-inch business card posting in the NCS newsletter. As we do not accept advertising, only sponsors may have access to the opportunity to support the newsletter efforts. **Cost: \$350.**

**Annual Awards Banquet Sponsor:** With attendance at the banquet typically exceeding 150, we must rely on the generosity of firms to offset costs to support a quality event to properly honor deserving individuals. In addition to recognizing individuals for exceptional service to the community and profession, each

year the NCS awards scholarships to outstanding students from our local universities. As in previous years, several thousand dollars in scholarships will be awarded this year.

As a part of your sponsorship, your firm will be recognized in the event program, on a display board located within the banquet hall, on our website, and in our newsletter, which currently has a circulation of over 3,500, including practicing engineers, students, and other members of the DC metropolitan area engineering community. As a thank-you for your donation, you will receive one or two free admission tickets to the Banquet for \$300 and \$500 donations, respectively. We will need your *company logo* in electronic format (preferably PDF); please forward it to John Casana at [casana\\_john@bah.com](mailto:casana_john@bah.com) by March 1, 2011.

The NCS Annual Awards Banquet is scheduled for Tuesday, April 19, 2011, at the Hyatt Regency Hotel in Crystal City located on 2799 Jefferson Davis Highway, Arlington, VA. ASCE's new National President, Kathy J. Caldwell, will be our keynote speaker. **Cost: \$300 (one Banquet admission) or \$500 (two Banquet admissions).**

**Meeting Sponsor:** For 2011, you have the new opportunity to share your materials with attendees as a meeting sponsor. Sponsorship of one of our (non-banquet) Section meetings entitles your organization the opportunity to exhibit promotional materials on a display table before the meeting and receive a thank-you from NCS in both our newsletter and from the lectern.

Limited numbers of meeting sponsorships are available each month; contact Mark Leeman at [mark.leeman@feapc.com](mailto:mark.leeman@feapc.com) to confirm your slot early. **Cost: \$150 per meeting.**

## ASCE-NCS Partner Program

The Partner Program was developed to provide exclusive opportunities and reduced pricing to those who become a true partner to the ASCE-NCS by sponsoring multiple programs each year. The Partner Program has been tiered to help you select the most popular combinations of program support. All sponsorships remain available a la carte as we have offered in the past. The chart below was developed to assist you in selecting the level most appropriate to your needs.

Note that we have included two items exclusive to partners within the program. The first item is a thank-you within the newsletter in two issues per year. This exclusive call-out will highlight your commitment to the NCS by listing your support by level within the program. The second item is only available to those who select the Platinum level of partnership. These companies have the unique opportunity to address the attendees of one NCS meeting (excluding the banquet) through a 3-minute welcome at the beginning of the meeting. This is a unique opportunity to share the capabilities of your firm, in person, with the ASCE members in attendance at our meeting. Only seven Platinum Level Sponsorships are available each year—allowing a focus on only one company per meeting. ■

PARTNER SUPPORT PROGRAM	Platinum Level*	Gold Level	Silver Level	A la carte
<b>1. Newsletter Sponsor</b>				
Business card recognition in 8 issues	Included	Included	Included	\$350
Partner Level thank-you in 2 issues	Included	Included	Included	Not available a la carte
<b>2. Annual Awards Banquet Sponsor</b>				
2 complimentary passes to the Banquet	Included	Included		\$500
1 complimentary pass to the Banquet			Included	\$300
<b>3. Meeting Sponsor (per meeting)</b>				
Live 3-minute presentation at meeting	Included	Not Included	Not included	Not available a la carte
Exhibit and table display of materials	Included	Included	Not included	\$150
<b>4. \$100 Contribution to Scholarship Fund</b>				
	Included	Not Included	Not included	\$100
<b>TOTAL</b>	<b>\$1,000</b>	<b>\$700</b>	<b>\$450</b>	<b>Over \$1100</b>

\*Only 7 Platinum Level Sponsorships available to provide a focus on only one Platinum Partner per meeting.

## October Meeting Recap

continued from page 7

infrastructure projects and system maintenance.

Bulova discussed the use of Special Tax Districts, commercial and industrial taxes, bonds, developer proffers, tolls, and how Fairfax County has employed them over the years. Special Tax Districts, in which landowners agree to pay special taxes dedicated to infrastructure improvements, have been used to pay for significant improvement projects such as the Dulles Corridor Metrorail Project and Route 28. In fact, the County's share of the overall cost of the Dulles Metrorail Project will largely come from Special Tax Districts. Bulova discussed how re-allocation of the commercial and industrial tax, an 11-cent tax per \$100 of assessed property value, was necessary as revenues fell from \$51 million in recent years to a projected \$38 million in 2012 due to the effects of the recession on businesses.

In an informative and entertaining presentation, Bulova discussed how Fairfax County struggles to balance the priorities of building and maintaining the area's infrastructure that has been so important to its economic growth with reduced funding. Looking at FY 2012, the effects of the recession are not yet over as a shortfall is projected for the County's budget. However, Bulova felt confident the Board of Commissioners could close the shortfall without incurring a deficit. Bulova told the meeting attendees that the Fairfax

Board of Supervisors was committed to funding critical infrastructure, being creative and innovative to secure funding sources in difficult economic times. With a number of the County's major transportation programs scheduled to be completed within the next several years, positive things are forecast for the area. We will all have to wait to see how the economic reality of the area and the county affect progress. As civil engineers, the NCS's members have an important role to play in these infrastructure projects. ■

## 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](mailto:sassi22@verizon.net).*

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

### Friday, January 7

Deadline for NCS award nominations. Nominations are being accepted for the following awards: Community Service, Outstanding Civil Engineering Project, and Meritorious Service. Awards will be presented at the NCS annual banquet in April. See the full article describing these awards in the November edition of the newsletter or contact Fady Afif for further information at [AfifF@bv.com](mailto:AfifF@bv.com).

### January 7-8

ASCE's Construction Institute and the Construction Industry Institute (CII) joint workshop on CII Best Practices in Reston, VA. For more information, contact [Laura Ciampa](mailto:Laura.Ciampa). (See newsletter brief.)

### Tuesday, January 18

NCS monthly meeting featuring Sam Carnaggio, Project Director of the Dulles Corridor Metrorail Project, speaking on the Metro Silver Line. (See newsletter article.)

### Saturday, January 22

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](mailto:dwestman@wrallp.com) or call 703-293-9717. (See newsletter brief.)

### Saturday, February 19

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 provided by a fan. Contact Emily Dean at [dean.emilyanne@gmail.com](mailto:dean.emilyanne@gmail.com) to volunteer! (See newsletter brief.)

### Wednesday, February 23

NCS monthly meeting, featuring Representative Jim Moran (invited) to speak on Metro's importance to the DC Region. This meeting will be held in the Gold Room of the Rayburn Office Building on the south side of the Capital grounds in Washington, DC. Please watch the NCS website and newsletter for more information.

### Wednesday, February 23

DC Council of Engineering and Architectural Societies will hold its Engineers Week Proclamation Luncheon at the Pier 7 restaurant in Washington, DC. The speaker/topic has yet to be announced. Cost \$30.

Contact Fady Afif at [AfifF@bv.com](mailto:AfifF@bv.com) for more information.

### Saturday, February 26

DC Council of Engineering and Architectural Societies will hold its Engineers Week Awards Banquet at the Crowne Plaza Hotel in Silver Spring, MD. The speaker/topic has yet to be announced. Cost \$50. Contact Fady Afif at [AfifF@bv.com](mailto:AfifF@bv.com) for more information.

### March 9-11

4th Annual Transportation & Infrastructure Convention in Washington, DC. Come learn about a variety of ways you can participate in shaping the future of the Nation's transportation and infrastructure systems. For more information, visit [www.TransportationSummit.com](http://www.TransportationSummit.com) or contact Karen Brown ([kbrown@dean.net](mailto:kbrown@dean.net)) or Rick Lindsey ([rlindsey@dean.net](mailto:rlindsey@dean.net)) of Dean International, Inc.

### March 29-31

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. (See newsletter flyer.)