

## Washington DC Boundary Stones: History, Current Status, Preservation, and Fence Restoration Effort

Stephen C. Powers, P.E.; Senior Resident Engineer, Parsons Management Consultants

As the ASCE-National Capital Section (NCS) representative and acting co-chairman of the Nation's Capital Boundary Stones Committee (NACABOSTCO), Stephen Powers is responsible for interfacing with representatives from over 25 local groups, governments, and interested parties in a combined effort to preserve, promote, and protect the 40 sites that are home to 37 of the original stones from the 1791–1792 Andrew Ellicott survey of the boundary layout of Washington, DC. Stephen's twin passions for DC history and civil engineering sparked a seven-year campaign to perform condition and photographic studies of the stones. Following that campaign, Stephen has led the ASCE-NCS effort to restore the fences which protect the stones since May 2010.

Mr. Powers will present a brief history of the original survey, the 20th century preservation efforts, and the current status, location, and ownership



Stephen at SW stone #9, engaging in a New Year's day tradition which he may reveal during his presentation.



The southeast face of NE stone #5 identifies the date of the stone's placement.

of each stone/site. In addition, the goals, responsibilities, and involvement of the members of NACABOSTCO will be described, including the NCS's current effort to nominate the Boundary Stones for designation as an ASCE Historic Civil Engineering Landmark and the Section's progress with the Fence Restoration Effort.

A native of the Washington, DC area, Stephen currently is employed by AECOM and assigned to Parsons Management Consultant (PMC) as a Senior Resident Engineer at Dulles International Airport where he oversees construction of Capital Development Projects for the Metropolitan Washington Airports Authority. He has been with PMC for over 17 years and has worked on a wide array of projects including the restoration of the Historic 1941 Terminal. Prior to joining PMC, Mr. Powers worked for six years as a project manager for Shirley Contracting Corporation. He earned his bachelor's

degree in civil engineering from Virginia Tech University. Stephen is a current member of the ASCE-NCS History & Heritage Committee.

The May NCS meeting will be held on **Tuesday, May 15, 2012**, at the **Hilton Arlington**, 950 North Stafford Street in Arlington, VA, on the second floor in the Gallery Ballrooms. Parking is available at the hotel (\$8), at the Ballston Mall garage (\$1 after 6 p.m.), and on the street (free after 6 p.m.). This location is in the same block as the Ballston Station on Metro's Orange Line. Registration and networking will be from 6:00 to 6:30 p.m., followed by dinner. The program will conclude by 8:30 p.m. The cost will be \$10 for students, \$35 for those who preregister, and \$45 for walk-ins. Please **RSVP by May 10, 2012**. One Professional Development Hour (PDH) will be awarded to attendees. Click [HERE](#) to register. For questions, please contact John Casana at [john.casana@gmail.com](mailto:john.casana@gmail.com) or 703-377-8980. ■

## President's Corner

### EPA P3 Sustainable Design Expo

The U.S. Environmental Protection Agency's (EPA) P3 Sustainable Design Expo occurs Earth Day weekend on the National Mall. The Expo is an exhibition of innovative technology for a sustainable future. This year, student teams from more than sixty universities competed for awards and showcased innovative approaches to achieve sustainability – picture a high-rise farm, a 3-in-1 solar cooker that



heats and generates power, or simple water treatment filters for villages in Africa. Thanks to our **Catholic University students** for representing the NCS at our booth! The booth included a porous pavement demo, sustainability games, and literature.

Each year, the NCS, with ASCE and EWB-USA, presents a \$1,000 Sustainable Development Award based on the following criteria: 1) demonstrated demand and engagement by the community;

2) demonstrated potential for long-term viability; and, 3) potential impact on quality of life for a developing region. This year, I was joined by the following judges: **Carina Carrasco**, Inter-American Development Bank; **Daniel Hoornweg**, World Bank; **Cathy Leslie**, EWB-USA; **Michael Sanio**, ASCE Director of Sustainability; and our own **Alex Rosenheim**, NCS Sustainability Committee Chair.

On April 23, I had the honor to present our 2012 Sustainable Development Award to **Gonzaga University** for their project "Integrating Improved Sustainable Technologies Into the Heart of the Home – The Kitchen," comprising a ventilation system for rural dwellings powered by waste heat from cooking, plus a ceramic drinking water filter system that consumes less natural resources than current ceramic filters. This was the sixth year I have served as a judge for this award. I find the energy, enthusiasm, and creativity evident in each student team always makes the experience rewarding and inspirational. I suggest the faculty advisors and students from our university chapters consider submitting their ideas for EPA's 2013 P3 Expo. For more P3 information, visit <http://www.epa.gov/ncer/p3/nsde/index.html>.

Sincerely,

John Casana, P.E.



John Casana presents the 2012 ASCE Sustainable Development Award to the Gonzaga University Team: Faculty Advisor, Noel Bormann, Patrick Ferro, Paul Nowak, Mara London, and Christopher Stevens. The awards ceremony was conducted at the Ronald Reagan Building, on April 23

## Newsletter

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

**September 2012 Issue Deadline:**  
**August 10, 2012**

**To Submit Articles:**  
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**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.

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### Committee Chairs

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

# Annual Conference 2012 – Enjoy One of the Best Seasonal Events!



Spring has sprung in North America, but it's never too early to think about enjoying autumn in Montreal! As the perfect location for foliage, flair, and fun this fall, Montreal is a picturesque location for **ASCE's 142nd Annual Civil Engineering Conference, taking place October 18–20, 2012.**

Many cities enjoy a paintbrush of autumn colors, but Montreal is magic, with autumnal hues that create spectacular and colorful cityscapes on an already dramatic city. The crispness of fall rejuvenates and promotes a newfound way of thinking and doing to maximize efficiency and leverage the new global economy.

Besides the charm of a city dressed up in its colorful best, Montreal is an ideal host for this year's educational programs. With the dynamic theme, **"Civil Engineering in the New Global Economy"**, an emphasis is placed on innovative solutions that address current, worldly challenges.

Fortunately, Montreal isn't just all work and no play. After a full day of learning, consider attending one of these festive events:

- National Environmental Exhibition Fairgrounds
- Couture Fashion in the Underground Mall
- Montreal Canadians Ice Hockey Game
- International Jazz Festival
- Annual Pumpkin Ball

There's much more fun to be had, so watch the Annual Conference website for updates, and look for the preliminary program of events in Civil Engineering Magazine this coming June.

Mark your calendar now and **save the date** for this year's event in Montreal, Canada on October 18–20, 2012.



## ***Are you interested in becoming a sponsor?***

- **Sponsorship opportunities exist for all financial levels.**
- **General Conference Sponsors are identified as supporters of the Society.**
- **Contact Sean Scully at [sscully@asce.org](mailto:sscully@asce.org) today!**

**How current is your passport? Don't forget to [apply or renew](#) it today!**

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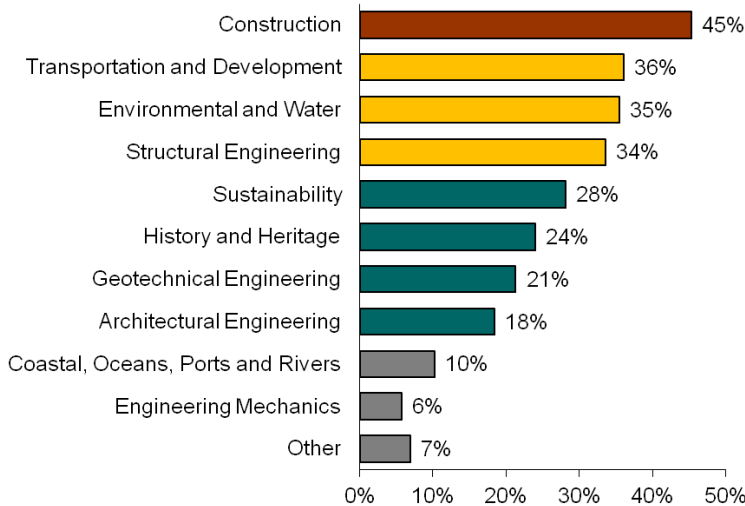
## At a Glance... Improving the Value of ASCE-NCS Membership

In July 2010, the NCS commissioned a new Management and Best Practices Subcommittee to evaluate Section activities and identify means for optimizing the value of NCS membership. The Subcommittee interviewed the NCS leadership, conducted a full membership survey, identified core interests, interviewed university faculty advisors and young member

representatives, and identified opportunities for partnering with peer organizations. Additionally, leadership from other ASCE sections was interviewed, and best practice reference materials were reviewed. The Subcommittee's findings were presented to the NCS Board of Directors in July 2011. The results informed the topics of our Section meetings this year. For

example, member interest results are highlighted below. Additional findings will be presented in the NCS newsletter over the course of the next year as a new monthly feature, "At a Glance..." For more information about the Subcommittee, please contact Christian Manalo at [manalo\\_christian@bah.com](mailto:manalo_christian@bah.com). ■

### ASCE-NCS members identified Construction as their greatest area of interest, followed almost equally by Transportation/Development, Environmental/Water Resources, and Structural Engineering



- ▶ Sustainability, a relatively new concept, also received a significant amount of interest.
- ▶ Members were invited to choose more than one area of interest.

#### Other Areas of Interest as Identified by Respondents

Critical Infrastructure  
 Leadership & Management  
 BIM (Building Information Modeling)  
 Intelligent Infrastructure  
 Highway retaining walls  
 Project/CN Management  
 Medical facilities  
 Energy & energy efficiency  
 Risk & reliability  
 Project Management  
 Airports & Railways  
 Low Volume Road Development & Maintenance  
 Geomatics Engineering  
 Green Energy innovation  
 Fire Protection  
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 Natural Disasters  
 International development  
 Conflict Resolution & Public Participation  
 Engineering & Project management  
 Site Design/Land Development  
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Source: Membership Survey Results, ASCE-NCS Management and Best Practices Subcommittee, 2011.

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# 2012 NCS Awards Banquet Highlights

The Annual Awards Banquet is an opportunity for the Section to honor individuals and teams for outstanding achievement. A packed-house listened to ASCE National President-Elect Greg DiLoreto, P.E., deliver the keynote address at the Hilton Arlington on April 10, 2012. This year's Student, Life Member, Community/Meritorious Service, and Project of the Year Award recipients are described below.

## Civil Engineering Student Awards

The NCS awarded **\$13,000** in scholarships to deserving Civil Engineering students from our five local universities: Catholic University of America (CUA), George Mason University (GMU), The George Washington University (GWU), Howard University (HU), and the University of the District of Columbia (UDC). We also honored the faculty's selection for Outstanding Senior(s). These individuals and their respective schools are listed below.

University	Scholarship Recipients	Outstanding Senior
Catholic University of America	Nicholas J. Colameco Eamon P. Hughes Brenda E. Tedrick	Timothy G. Cork
George Mason University	Zachary J. Malone Louise K. Pretzman	Bethany Bitler
The George Washington University	Molly M. Olsen Andrew C. Vasko	Anna H. Weiser-Woodward
Howard University	Bria O. Crawford Kara D. Kea Max Jordan T. Nguemeni	Amy Moinet
University of the District of Columbia	Richard S. Barrett	Brian A. Blough and Angelo M. Wallace, Sr.

## Life Member Awards

The following NCS members were awarded Life Member certificates. To achieve this status, a member must have reached their 65th birthday, have paid dues in any membership grade that when added to their age equals or exceeds 95, and have paid dues for at least 20 years. We offer our sincere congratulations to the following Life Members!

- Mr. Philip Harold Agee
- Mr. Larry Anderson
- Ms. Mary Louis Anderson
- Dr. Gregory Bert Baecher
- Mr. James Ellsworth Beck
- Mr. Bal Krishen Cherwoo
- Mr. Robert James Curnyn
- Mr. Jonathan G. Curtis
- Mr. Freddie Davis
- Mr. Phil Dawson
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- Mr. Pravin Nanjibhai Sheladia
- Mr. Tajendra Singh
- Mr. John J Sullivan, Jr.
- Mr. Edgar L. Sutton, Jr.
- Mr. Charles Linwood Vincent
- Dr. Richard Eaton Wardwell

*continued on page 6*



John Casana, ASCE-NCS President, opens the program and hosts the banquet.



Greg DiLoreto, ASCE National President-Elect, presents the keynote address.

## ASCE-NCS Newsletter Patrons



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## 2012 NCS Awards Banquet Highlights

continued from page 6



ASCE-NCS Past Presidents join to reminisce before the banquet begins.



Four NCS Past Presidents (left to right): Brian Zelenko (2001–2), Fady Afif (2009–10), Bob Evans (1994–5), and Joe Doane (1989–90).



NCS Past President Fady Afif (2009–10) welcomes Past President Mark Leeman (2010–11) into the “club.”

### Additional Award Recipients

#### Community Service Award:

Dean Westman, P.E., M.ASCE, for his leadership of the NCS' educational activities for grade school students. Dean's untiring and selfless efforts have furthered the welfare of the community by introducing basic civil engineering concepts to hundreds of cub scouts, girl scouts, and students over the last three years.

#### Meritorious Service Award:

Laurence (L.J.) Sauter, Jr., Aff.M.ASCE, for contributing significant time and talent over the last two years as the

NCS Newsletter Editor. LJ has set a high standard of professionalism through service.

#### Outstanding Civil Engineering Project Award:

*Emergency Repairs for Settlement at the Jefferson Memorial Seawall*

NCS newsletter readers are well acquainted with the scope and profile of this important project, which was discussed at length in the January (lead article) and February (January Meeting Recap) newsletters and presented at the January 2012 meeting by Dr. Jesús Gómez, P.E., D.GE, and Darrell Wilder, P.E., of Schnabel Engineering. If you missed the write-ups in these issues, please visit the ASCE-NCS website (<http://asce-ncs.org>) and look under the *Newsletters* tab.

#### Induction of 2011 Distinguished Member, ASCE:

*Sidney O. Dewberry, P.E., L.S., and now Dist.M.ASCE*

Sid Dewberry is the Founding Partner and Chairman of Dewberry, an 1,800-employee firm with more than 40 locations. Mr. Dewberry's leadership in urban infrastructure development has been extraordinary. In 55 years of practice, Dewberry continues to leave its

signature on civil engineering practice and urban development in the mid-Atlantic states. The firm, among other achievements, laid the groundwork for the development and implementation of the master plan for the northern Virginia suburbs of Washington, DC. Distinguished Membership is the highest award the Society may confer, second only to the title of ASCE President.

**The NCS wishes to extend its hearty congratulations to all the 2012 award recipients!**



Dr. George Mavroeidis, Catholic University's ASCE Faculty Advisor, prepares to award NCS scholarships, and introduce CU's Graduating and Outstanding Senior. Bernie Dennis, ASCE-NCS Scholarship Trust Chair, looks on.



CU's Timothy Cork (Outstanding Senior, left); and Graduating Seniors Lawrence De Simone, and Patrick Terry.



CU civil engineering students share a table at the banquet.

## 2012 NCS Awards Banquet Highlights



Dr. Liza Wilson Durant, George Mason University's ASCE Faculty Advisor, prepares to introduce GMU's 2012 Graduating Seniors.



Bethany Bitler, GMUs 2012 Outstanding Senior.



Dr. Majid Manzari, The George Washington University's ASCE Faculty Advisor, prepares to introduce GWU's 2012 scholars.



Howard University's Dr. Robert Efimba prepares to introduce HU's 2012 scholars.



Some of the 2012 HU Graduating CEE Seniors (left to right): Amy Moinet, Ms W. Mobley, Rachel Anderson, Canisha Seymore, Julian Bice, Don Perera, Edward Holloway, and Stuart Crooks (with Rupert Bryan in the background).



Dr. Pradeep Behera, the University of the District of Columbia's ASCE Faculty Advisor, prepares to introduce UDC's 2012 scholars.

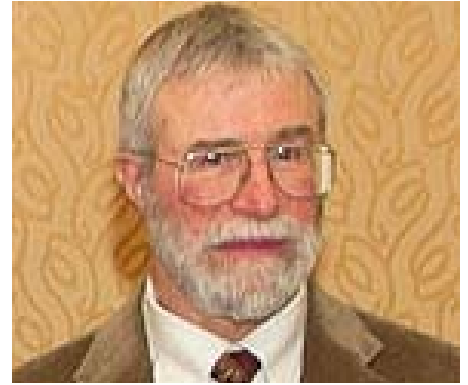


The UDC scholars pictured with Dr. Behera (center).

## 2012 NCS Awards Banquet Highlights



Mark Leeman, NCS Past President, presents the Community Service Award to Dean Westman.



L.J. Sauter, NCS Newsletter Editor, received the Meritorious Service Award.



Greg DiLoreto, ASCE National President-Elect, inducts Sidney Dewberry as Distinguished Member, ASCE.



Darrell Wilder, Schnabel Engineering Senior Associate, accepts the NCS 2012 Outstanding Civil Engineering Project Award for the project team (Schnabel Engineering, Clark Foundations/Civil, Alpha Corporation, and the National Park Service). Dr. Jesús Gómez, Principal and Chief Engineer of the Geostructural Group at Schnabel Engineering, appears to Darrell's left.



Sid Dewberry speaks to banquet attendees.



Qamar Kazmi, NCS Vice President and Greg DiLoreto, ASCE National President-Elect, prepare to award the Life Member certificates to NCS members.



Sid Dewberry congratulates GMU's Louise Pretzman, an NCS Scholarship awardee, while Dr. Durant and Zachary Malone watch. Zachary was awarded the NCS Hathaway Memorial Scholarship.



## Civil Engineer-Mentor Needed for Volunteer Position at Alexandria Friends High School

The Alexandria Friends School is looking for a volunteer active or retired civil engineer to meet with our students once or twice a week to direct the projects below. Times and duration of sessions are flexible to accommodate our mentor.

### First trimester (September through November)

- Organize a group of approximately ten students to build a scaled-down replica of Stonehenge.
- Use materials similar to what was available in Pre-Roman England.
- Explain and use tools available to Anglo-Saxon tribes in that time

period and location such as levers, rafts for water transport of heavy objects, etc.

The engineer-mentor will know far more about what can and cannot be done, and Alexandria Friends will defer to him/her.

### Second trimester (December through February)

- Organize the same group to build a replica of a Mayan pyramid.
  - Use materials and explain methods available in Pre-Colombian Mesoamerica, as above.
- Again, Alexandria Friends will defer to the mentor and his/her knowledge of

what can be done. In addition, this project may have to be carried out indoors due to the weather at this time of year.

### Third trimester (March through May)

- Help students build Lego robots to meet the local club specifications for competition.

Alexandria Friends is located in the Beth El Temple at 3830 Seminary Road, Alexandria, VA; telephone 703-461-7222.

For more information on this unique volunteer opportunity, please e-mail to [smaza@afriends.org](mailto:smaza@afriends.org). ■

## Upcoming NCS Younger Members Professional Development Event

### Seismic Assessment of the Washington Monument and Washington National Cathedral

The May YM Professional Development Event will be held on May 23 at Madhatter in the Dupont Neighbourhood of Washington, DC. YM members and friends will be served salad and their choice of entrees off a selected menu. Registration and networking will be held from 6:30–7 p.m., followed by the presentation. One PDH will be awarded for attendance.

### About the Presentation

Following one of the largest earthquakes to affect the east coast, and the most widely-felt earthquake in U.S. history, Wiss, Janney, Elstner Associates, Inc. (WJE) was asked to evaluate the impact of potential interior and exterior seismic damage on the structure and operations of the Washington Monument and Washington National Cathedral in Washington, DC. Tasks performed by WJE ranged from the initial emergency response and make-safe operations, to development of repair designs and the evaluation of potential seismic upgrades.

### Learning Objectives

- What initial steps are critical to perform on a monumental structure following a natural disaster?
- What items are important to review during the initial assessment?

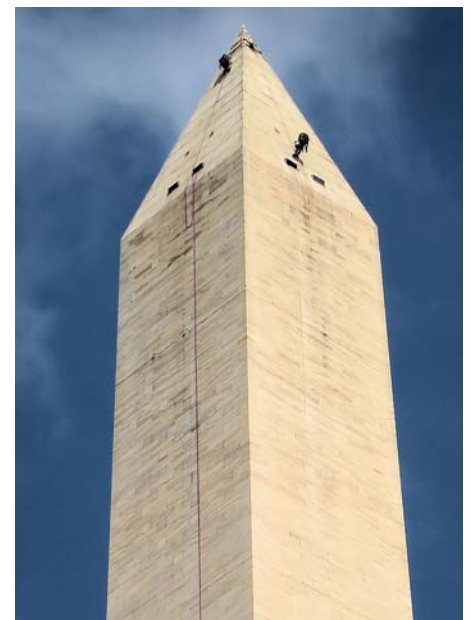
- What types of access are available, appropriate, and potentially warranted for unique and historically significant structures?
- How to best assist an owner of an irreplaceable building asset with recovery from a natural disaster.

### About the Presenter

**Erik C. Sohn, P.E.**, Senior Associate, WJE. Erik Sohn is an Architectural Engineer who has worked for WJE in the Washington, DC area for over 10 years. Erik graduated from the Pennsylvania State University with a degree in Architectural Engineering. He has extensive experience in the forensic investigation of building enclosure failures. Erik is on a team of engineers and architects at WJE that utilizes industrial rope access techniques to survey the exterior, and interiors, of buildings throughout the country. Most recently, and notably, Erik surveyed the exterior of the Washington Monument and the Washington National Cathedral via rope access techniques to survey the structures for damage due to the magnitude 5.8 earthquake on August 23, 2011.

### Event Information

**When:** Wednesday, May 23, 2012, from 6:30 to 8:30 p.m.



Eric and colleague on site. Just another day on the job.

**Where:** Madhatter Conference Room (1319 Connecticut Avenue NW, Washington, DC)

**Metro:** Red Line to the Dupont Station (0.3 mile) or Orange/Blue Line to the Farragut West Station (0.5 mile)

**Self-Parking:** Several parking garages plus limited street parking are available.

**Cost:** \$20 per person plus cash bar.

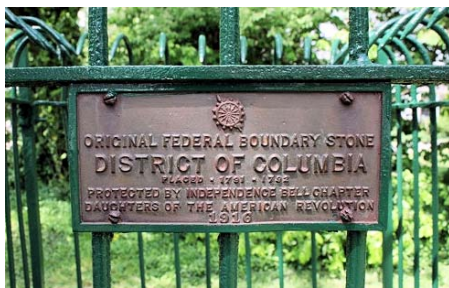
For questions, please contact Adam Stewart ([ncsymfpresident@gmail.com](mailto:ncsymfpresident@gmail.com)) or Kelly Cronin ([kcronin@wje.com](mailto:kcronin@wje.com)). For additional information, go to: [www.madhatterdc.com](http://www.madhatterdc.com) and [www.wje.com](http://www.wje.com). ■

# Update on NCS Boundary Stone Fence Restoration Project – Spring Event Planned

Overall, 34 Fences to be Restored; Other Activities Planned over Next Several Years

## Background

One of two initiatives that the NCS has undertaken is restoration of the fences surrounding 36 (of the original 40) boundary stones which delineate the original 10-mile-square Federal City boundaries. The stones were sited by Andrew Ellicott during the 1791–92 survey. However, the fences were installed during a preservation campaign by the Daughters of the American Revolution (DAR) in 1915. The DAR project was



Fence plaque at NW stone #6, placed by the Independence Bell Chapter of the DAR in 1916.

completed by affixing a small bronze marker to each fence with the name of the DAR Chapter which paid for the fence and accepted responsibility for care of the stone. Unfortunately, time has not been kind to either the fences or some of the stones.

Today, 28 of the original DAR fences remain, 6 replacement fences have been installed, and 6 of the stones/sites have no fences at all (either due to removal by landowners, damage from vehicles, or in the case of the South Cornerstone – never placed, given the stone is in a caged vault at the site).

Several of the original fences are in disrepair and one fence, at the Northeast Stone #3 (NE stone #3), is damaged beyond repair. Most, if not all of the fences, need to be restored. And Stephen C. Powers, P.E. (“Mr. Boundary Stones”) is the NCS person leading the effort to do just that!

## Update

Last month, Stephen and Bob Fuller got help from the American University Student Historical Society. The organization wanted to help with the project, but was unavailable for the fall 2011 and spring 2012 restoration event dates. This makes 14 fences and stone sites that the NCS has restored/refurbished over the last two years! As a result of the Section’s efforts (and Stephen’s leadership), the DAR has mobilized to take on complete restoration of the fences at NE stone #3 and NE stone #7 in May.

**The next NCS restoration event** is scheduled for **Saturday, May 19, 2012** (weather permitting, of course – Saturday, May 26 is the backup date). Stephen plans to tackle as many fences as the number of volunteers allow, focusing on stones along the Southwest boundary line. Given the wonderful spring weather that we’re anticipating, it only seems appropriate to couple this effort with an NCS family picnic at Ft. Ward Park in Alexandria. If you



Stephen Powers (left) and Scott Wolf enlighten attendees at the Annual Awards Banquet about the NCS Boundary Stone Fence Initiative.

are interested in volunteering for the **Spring 2012 fence restoration event** (or for a future effort) or want further information, contact Stephen Powers at 703-417-0091 or [stephen@designpowers.com](mailto:stephen@designpowers.com). Planning for the after-the-event picnic is being headed by Fady Afif ([AfifF@bv.com](mailto:AfifF@bv.com)), and a couple of volunteers are needed to help ensure the picnic goes well, too.

Information on this long-term project is posted on the Boundary Stone Restoration Page on the ASCE-NCE website (click [HERE](#) to view). The NCS hopes to complete restoration of all the fences and have ASCE designate the stones a Civil Engineering Historic Landmark by 2016 (the 100-year anniversary of the NCS). The boundary stones would then join over 200 projects worldwide that have achieved this prominent designation. ■



NW stone #6, before.



NW stone #6 volunteers: Group leader Bob Fuller, Dan Pennington, Conor Bigley, Matthew Skic, Alex Parody, and Haylee Wilson.



NW stone #6, after.

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

### May 5

The ACE Mentor Program hosts the presentation of the Garden and Community Service Volunteer Appreciation Day at the Coolidge High School Garden, 6315 5th Street NW in Washington, DC. The festivities will be held between 10:30 a.m. and 1:00 p.m. For more information, contact [elizabeth.miller@ncpc.gov](mailto:elizabeth.miller@ncpc.gov) or [washing-tondc@acementor.org](mailto:washing-tondc@acementor.org).

### May 15

NCS monthly meeting at the Hilton Arlington. The featured speaker will be Stephen Powers, P.E., and Senior Resident Engineer at Parsons Management Consultants. Mr. Powers will speak on the history, current preservation status, and NCS efforts to restore the DC Boundary Stone fences. (See newsletter lead article.)

### May 15

The ACE Mentor Program's 2012 Scholarship Awards Breakfast at the Willard Intercontinental Hotel, 1401

Pennsylvania Avenue NW, from 8–11 a.m. in the Lower Level Ballroom. Allan Y. Lew, DC City Administrator, will be the keynote speaker. For additional information, contact the ACE Outreach Coordinator, Susan Muniz, at 202-572-2500, or visit ACE online at [www.acementor.org/592](http://www.acementor.org/592).

### May 19

NCS Boundary Stone spring restoration effort and picnic. Come and be a part of history as we tackle more fences in the SW quadrant (Alexandria area). The number of fences we go after will depend on the number of volunteers. Contact Stephen Powers at 703-417-0091 or at [Stephen@design-powers.com](mailto:Stephen@design-powers.com) to volunteer or for additional information. Also, join friends and colleagues at the **NCS Family Picnic** at Alexandria's Fort Ward Park after our work is completed. Come for either event or BOTH. Picnic planning is being headed-up by Fady Afif ([afiff@bv.com](mailto:afiff@bv.com)), who is looking for a couple of volunteers to help-out.

### June 5

Joint luncheon hosted by the NCS Water Resources Committee and the Federal Water Quality Association, to be held from 11:30 a.m. to 1:30 p.m. in Washington, DC. The speaker will be George Hawkins, General Manager of DC Water. For additional information, contact Christian Manalo at 703-377-1697.

### October 18–20

Civil Engineering in the New Global Economy is the theme for the ASCE's 142nd Annual Conference in Montreal, Quebec, Canada. Visit the [ASCE Conference Website](#) for further information.

## Employment Clearinghouse

### Position Available

**Manager of Engineering, Structural Engineering Institute (SEI):** The ASCE is searching for a Manager of Engineering to direct and grow the standards program of ASCE's SEI. Candidate must have a degree in Civil Engineering (with an emphasis in structural engineering) plus an advanced degree; must possess or be able to shwortly become a registered Professional Engineer; and have five to ten years experience in structural engineering, including project management. Association management experience is a plus; candidates are expected to be familiar with the many products and activities developed by SEI. Strong written and oral communication skills, as

well as effective presentation skills, are essential. A general working knowledge of the structural buildings market is expected. Send resume and cover letter with salary history and requirements to: ASCE, Attn: JG/WP, 1801 Alexander Bell Drive, Reston, VA 20191, e-mail: [jobbox@asce.org](mailto:jobbox@asce.org).

### Seeking Employment

**Civil Engineer:** E.I.T., B.S. in Civil Engineering, B.S. in Environmental Technology, and Certificate Courses in Environmental Regulations. Seeking an entry level position in the Washington, DC metropolitan area. Capstone Design Project in Transportation Engineering. Course projects in Water Resources and Wastewater Engineering. Bilingual

(English/Spanish). Please contact Edgardo L. Quinones at [edgardoqr@gmail.com](mailto:edgardoqr@gmail.com). Mobile: 787-647-1355.

*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. All employers listed herein are equal opportunity employers. 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).*

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