



The Patriot

The Society of American Military Engineers . Washington DC Post

August 2003

www.sameDCpost.org



Supporting the Next Generation of SAME & Industry Leaders

The Society of American Military Engineers (SAME), aims to reinforce the professional and technical competence of its members and Young Members through training and continuing education programs. SAME supports its Young

Members and promotes the engineering career field at colleges and universities through student post sponsorships, mentoring activities, career development information, sponsorship of engineering camps, science fairs, field trips, scholarships, and links Young Members to the Society's K-12, college outreach and mentoring programs.

SAME and its members have the resources and the commitment to positively influence the next generation of SAME and Industry leaders by providing networking venues and leadership opportunities. SAME's Young Members make up close to 18% of total SAME membership, that's over 4,000 members. There are also 400 Student members in the Society. This membership pool makes up some of our Society's most diligent volunteers.

Their energy, commitment, enthusiasm, and creative ideas set them apart. They serve on National and Post Committees as Chairs, Co-Chairs and members, they are our Post

Board Members, Regional Reps, camp mentors and counselors. They are also engineers, architects, planners, writers, designers, graphic artists, event planners, and public servants. SAME makes it possible for Young Members and students to participate in construction camps, apply for and receive scholarships, write articles in SAME and Post publications, attend events and conferences where they have the opportunity to network, attend technical sessions, while earning Professional Development Hours (PDHs), and participate in mentoring programs.

Supporting the next generation of SAME and Industry leaders is a rewarding experience. Answer questions, engage in dialogue, and facilitate discussion. Your individual and collective support of our young leaders can help nourish their intellect, and quench their thirst for knowledge. What better way to support the next generation than to engage our young members through relevant SAME events, mentor/protege programs, construction camps, and scholarship opportunities.

Their time, energy, enthusiasm, creative ideas, and sense of humor bring new ideas to the Society and new meaning to their own professional and personal development. It's a mutual partnership of trust, learning, understanding, cooperating, and solving. The next generation of SAME members, A/E/C and support professionals are uniquely positioned to lead the Society and provide solutions to the industry's most complex challenges. We come full circle when we work and build together, maintain integrity, add a dash of modesty and forthright conviction to do what's right. Along these lines, we shall never go wrong. Support the next generation of SAME and Industry leaders - each path begins with you. ■

Anna Ross, Communications Committee Chair

In This Issue

Cover Story

Supporting the Next Generation. Pg. 1

Colonel's Two Bits, COL Michael J. Walsh

Rebuilding Iraq and Kuwait. Pg. 2

Firm Spotlight

Corporate Sponsor - ECS, Ltd. Pg. 3

SAME & Post News

Fellows Committee Mentoring Initiative. Pg. 4

Small Business Liaison Wanted. Pg. 4

Corporate Profiles. Pg. 4

Committee News

Arrangements / Readiness Committees. Pg. 5

Feature Article

Building Our Students' Future. Pg. 6

August Program & Registration Form

SF 330 to replace SF 254/255. Pg. 7

DC Post Scholarship Program Pg. 8

Young Members Corner

U.S. Capitol Visitor Center Construction Tour Pg. 10

DC Post Scholarship Golf Tournament Pg. 12

Upcoming Events Pg. 14



COL Michael J. Walsh,
President DC Post

"Colonel's Two Bits"

Rebuilding Iraq and Kuwait

Lessons Learned from "Down Range"



Colonel Michael J. Walsh, President, Washington DC Post SAME

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Greetings fellow members of the Award Winning SAME Washington DC Post.

As we continue to maintain and send our military and civilian engineers and contractors into Iraq and Kuwait to help rebuild that region, we are gleaming some great lessons learned and relearning old lessons.

Every day at the HQ, Corps of Engineers, we participate in a televideo conference with the "down range" engineers who are part of the Office of the Coalition Partnership Authority (OCPA) and the Joint Engineer Staff at CJTF-7 and the Army tactical engineers at the Brigade level. This is accomplished by using a tele-engineer kit, which allows our forward deployed engineers to leverage the expertise and strength of the US based engineer organizations. Instead of sending a large contingent of technical engineers forward we are finding a small "foot print" with this reach back capability to the technical experts to be critical to our successes.

In fact, during the ground war our military engineers used the tele-engineer kit to confer with technical experts over 130 times in their drive to Baghdad. Trying to estimate the load a critical bridge will carry when there are large holes in the deck and the columns are damaged is not an easy task, even for the Ph.D. types at home station. We also used this system to help with restoring the Iraqi oil infrastructure, which is now producing way over a million barrels a day, and to help restore the power

structures for the country. We are now also leveraging the local engineers and are finding that Iraq has a very well educated talent pool. Not only in the engineering technical field but also medicine, business, construction, etc. They have a steady middle class, an enterprising group of people, which need functioning facilities, infrastructure and security.

"There is much our members have learned, and as they come back from "down range" we will engage them and include their lessons learned and their experiences in our programs."

There is much our members have learned and as they come back from "down range" we will engage them and include their lessons learned and their experiences in our programs.

SAME brings together professional engineers and those in the engineering fields to promote sound relationships in both the public and private sectors; to develop a spirit of mutual understanding and cooperation among engineers of the uniformed services; to advance the knowledge of federal engineering, and assure that the latest advancements in engineering technology are understood, practiced, and shared with industry and to preserve the memory of the services rendered by the engineering profession during contingency operations and wars fought by the United States.

We have 1400 members in our Post engaged in furthering the purposes of SAME. If you are looking to engage in advancing the purposes of SAME, then **Engage**, come to the programs, volunteer for one of the committees. ■

Firm Spotlight!



Engineering Consulting Services, Ltd. (ECS) is a diverse consulting firm specializing in the related fields of geotechnical, environmental, and construction materials engineering. The firm was founded in 1987 by two Washington DC area engineers who together have over 50 years of experience. ECS employs a staff of more than 750 people, including registered professional engineers and geologists, certified laboratory technicians and construction inspectors, field engineers, computer specialists and support personnel. Based in Chantilly, Virginia, ECS operates 23 offices in the Midwest, Southwest, and Eastern states ranging from Baltimore, Maryland to Orlando, Florida, Chicago, Illinois and three Texas offices.

US Capitol Visitor Center, Washington, DC

ECS, Ltd is currently operating an on-site laboratory and is providing all testing and inspection services during construction for this new underground project. ECS, Ltd. is also performing geotechnical drilling services as part of the caisson foundation construction.

ECS has earned a reputation for being responsive and having the ability to solve problems on major projects. The firm's **Geotechnical Group** performs subsurface explorations with emphasis on foundation systems for buildings of all types, drainage system designs and other ground water issues, retaining structures, problem soil sties, slope stability evaluations, and deep foundation designs.

The firm's **Construction Materials Group** has provided full-scale testing and inspection services on thousands of projects with scopes of work reflecting the firm's ability to follow projects from earthwork phases through roofing construction, including such complex activities as forensic engineering. Finally, the firm's **Environmental Services Group** acts independently in performing environmental services and in conjunction with the firm's other departments in evaluating emerging environmental situations on sites under construction.



ECS, Ltd. operates in a highly competitive market. As such, the firm places great importance on providing high quality services to meet specific client needs in a cost-effective manner. The expectations of ECS Ltd's clients are the basis for their high standards, and they maintain those standards throughout each project they serve. ■



Pentagon Phoenix Project, Arlington, VA

ECS, Ltd. provided an on-site laboratory and performed all concrete and masonry testing and observation services in support of the highly-accelerated reconstruction process.

Patent Trademark Office project, Alexandria, VA



ECS is currently operating an on-site laboratory and is providing full testing and inspection services during construction, including earthwork, mat and pile foundation construction, waterproofing, fluid concrete placement including certification and periodic inspection of three site concrete batch plants, roofing, structural steel, and structural precast for this 3.4 million square foot complex.





SAME & Post News

Washington DC Post Fellows Committee Launches Mentoring Sub-Committee



The Washington DC Post Fellows Committee is embarking on a mentoring program for the Post's Young Members. The Committee is in the process of establishing a Mentoring Sub-Committee and seeking volunteers to staff the committee, including the positions of Mentoring Committee Chair and Mentoring Committee Vice-Chair, which will be filled by a Young Member. This committee is an excellent opportunity to get involved in the activities of your Post and directly support our Young Members. Based on feedback from other mentoring programs, it will be a very rewarding experience for all involved. Post members interested in participating on the Mentoring Committee should contact:

Julian Sabbatini, PE, FSAME ■
Jacobs Facilities Inc.
571-218-1313
julian.sabbatini@jacobs.com

DC Post Small Business Liaison Wanted

SAME is calling on all Posts to establish a Small Business Liaison position and appoint a Director-level member to represent Small Business issues within the Post and act as a Liaison to the SAME National Small Business Committee. The Washington DC Post is asking members to consider this position. The Small Business Committee will provide resources for education, technical training and recognition programs. Please send a letter of interest to our Post if you would like to volunteer for this position, or would like to recommend someone. ■

Corporate Profiles Due to SAME by October 1, 2003

Sustaining Member firms will have until October 1, 2003 to update their Corporate Profile with logo online. The new profile provides each Sustaining Member firm the opportunity to highlight their company's qualifications, including the following:

- Company Description in scope with DoD and Federal markets
- Up to 10 NAICS codes to represent the company's qualifications
- List of Small Business Categories using the NAICS codes, if applicable
- Federal Government Business Categories, if applicable
- Total number of employees and office locations both in the U.S. and abroad
- List of 10 or more Engineering Services or Engineering related Products
- List of Emergency Response Capabilities, and 24 hr hotline emergency managers can contact
- Revenue ranges from federal clients for Professional Services and/or Construction and other work
- Company's Website address
- Names of six senior leaders and other by position title or function.

This new Corporate Profile will allow SAME to streamline the information as it is presented in the Print and Web Directories. The Print Director will list the name of the company and address of the office, and the name and E-mail address of the designated company SAME Point of Contact (formerly the Principle Rep.). The Directory will also list the names of the Posts of which the company is a member. The Web Directory will continue to list the five Representatives at the company for each Post of which the company is a member. The Profile Form and the Logo Order form are now available by visiting the interactive website at <http://profile.same.org> ■

MOTIVATE
EDUCATE
NETWORK
TUTOR
ORIENT
REVEAL

*Mentoring Enriches
the Education of
Others, Motives
Thought, Reveals New
Ways of Orienting the
Mentor's Own Work
and Experience, and
Creates a Wealth of
Tutorship and
Networking
Opportunities.*

Committee News

Arrangements Committee

Mary Moore, Arrangements Committee Chair

The Washington DC Post Arrangements Committee's function is to facilitate and expedite plans for all functions that the Post Board elects to conduct. These currently include:

- Monthly Board and Lunch Meetings
- Scholarship Gathering and Dinner
- Scholarship Golf outing and
- Holiday Party

The committee collects information about potential venues for these listed events and communicates the available options to the Post President and the Programs Committee Chair. Once the selection is made, the committee negotiates with the venue for service options and fees, and plans all event details as appropriate. (These include provisions for audiovisual support, menu selection, headcount verification, room stamp, etc.)

At the event, the committee reviews preparations with on site staff, provides registration support and supplies, collects and accounts for attendee payment and turns it over to the Post Treasurer and assists as needed with closing out the contract for that event.

Please contact any of these committee members with comments and suggestions. ■

Arrangements Committee Chair
Mary Moore
mmoore@syska.com

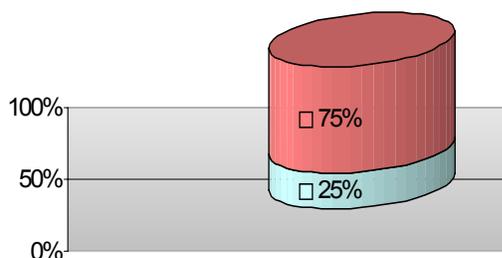
Committee Members
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mhubbard@syska.com jmaza@bowmanconsulting.com

Readiness Committee

Jill Harrison

OPERATION FAST START CONTINUES

OPERATION FAST START
Sustaining Member Questionnaires Complete 25%
GOAL: 100% Commitment
August 2003



A few minutes of your time will improve Readiness of America's capital region. Please visit the DC Post website at www.sameDCpost.org/readiness.htm for a copy of the Commitment Letter and Capabilities Questionnaire. Please take a moment to aid in Washington's Readiness by completing the form and faxing to Jill Harrison at 301.210.5159 Thank you for your participation. ■

Washington DC Post COMMITTEES

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Audits
Mike McDonald

Communications
Anna Ross

Education
Carol Mowder

Fellows
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Small Business

Streamer Awards
Lauren Myers

Young Members
Tracy Knott

If you would like to join the efforts of one of the DC Post Committees, please visit our website for the Committee POC.

*www.sameDCpost.org
Committees*



Building Our Students' Future

SAME & U.S. Air Force Academy Join Forces for the 2003 Engineering & Construction Camp



The Society of American Military Engineers (SAME) and the U.S. Air Force Academy's Department of Civil and Environmental Engineering (DFCE) hosted the 4th Engineering & Construction Camp at the U.S. Air Force Academy (USAFA) in Colorado Springs, Colorado from 5-11 July 2003. The Engineering & Construction summer camp for high school students has been conducted each year since 2000. It is intended to give students a broad exposure to the engineering profession and to provide opportunities for SAME Posts to engage in long-term mentorship with high school students. 60 students from all over the United States, Europe and the Pacific are selected to engage in a week of hands-on engineering and construction activities under the mentorship of SAME professionals and Air Force Academy cadre.



The Washington DC Post sponsored two mentors, who attended the SAME Air Force Academy Construction Camp, and one student who was able to attend the Navy Construction Camp.

This year the 60 students came from 48 states, and one student came from Germany. The 14 girls and 46 boys were grouped into 6 flights which competed with each other in different tasks and activities throughout the week. Not only the competition events but also the "flight spirit" shown during each task and during each day were graded and led to the graduation of the best flight.



The SAME mentor staff consisted of 6 Air Force officers, 2 Navy officers, 1 Coast Guard officer, one Army officer (retired), 1 Public Health Service officer, and 3 civilians. These mentors brought with them a broad range of professional experience and education, allowing additional opportunities for the students to learn about possible careers in engineering. Lt Col (USA, retired) Scott Prosuch, remarked, "The wealth of

experience and knowledge in the mentor team is invaluable in giving the students a broad exposure to the field of engineering."

USAFA provided substantial support including the use of their Field Engineering and Readiness Laboratory (FERL) and the daily leadership of Academy faculty and cadets. This year the Academy staff was augmented by two Coast Guard Academy cadets.

According to Camp Officer-in-Charge, Capt Anthony Barrett, civil engineer and DFCE faculty member, "The world-class facilities at FERL and the leadership of the USAFA and Coast Guard Academy cadets creates a unique positive learning environment for the students."

The students are supported by the Denver Metro and the Pikes Peak SAME Posts, which provide financial support for camp activities. The students are assisted with travel expenses by their local Posts. In addition, the Colorado Association of Black Professional Engineers and Scientists supported 2 students.

The students received broad exposure to the engineering profession through numerous activities, including:

- Design, construction, and destructive testing of a concrete beam
- Construction of a wood frame building
- Visits to local architect/engineer firms
- Design and building of an operational sprinkler system
- Tour of USAFA facilities
- A "Leadership Reaction Course" exercise in team problem-solving
- Temper Tent erection
- NORAD tour
- Materials testing in USAFA labs
- Soils testing exercise with geotechnical experts
- Numerous smaller competitive exercises



Continued on Page 9

The camp's motto is "Build, then Design," pointing out the emphasis on hands-on experience as a learning tool. The concrete beam exercise is typical of this approach. After the students were introduced to the basic parameters of concrete design, they had 15 minutes to develop a design for the beam, including form dimensions and rebar length and locations. The students then proceeded to a concrete pad specially constructed for the exercise, where after initial training in the use of adjustable forms, each student flight put their design to work. After erecting the forms and positioning the rebar, they placed and finished concrete from a ready-mix truck. To complete the "learn-by-doing" experience, the concrete beams were load-tested to failure on the last day of camp, and the beam carrying the highest load won the event.



The competitive exercises brought out the best in each flight's ability and spirit. The "Catapult" event typifies this phenomenon. In this event, flights were given a limited set of materials—2 x 4's, steel stakes, a threaded rod, some rope, an eyebolt, and some nails—and challenged to develop a mechanical device to catapult a plastic bucket as far as possible. The flights were given 45 minutes to design and construct the device, and if time was available, perform initial tests. The official testing of the device consisted of 3 trials with 5 minutes allowed between trials for adjustments and modifications.

Final results ranged from inches to over 50 feet—with each trial greeted with great enthusiasm by all flights. This popular event combined a simple design problem with friendly competition to enhance the learning experience.

At the end of the week, students, flight leaders, and mentors agreed that it had been an educational and rewarding experience. SAME looks forward to continuing this partnership with USAFA, to the end of encouraging young people to pursue careers in engineering. ■

This excellent article is the result of a collaborative effort of three SAME members who attended the camp, and the vibrant photos are compliments of Marsha Walden.

1. Maj Lowell Nelson, USAF
Infrastructure Analyst
Washington DC Post Sponsored Construction Camp
Mentor for the 2003 SAME USAF Camp
2. Marsha Walden, Wisnewski Blair & Associates LTD
Marketing Manager
Washington DC Post Sponsored Construction Camp
Mentor for the 2003 SAME USAF Camp
Marsha is also the current Washington DC Post Secretary

3. Susan Diehl
Geologist
URS Corporation





DC Post Scholarship Program

A Dynamic & Moving History

The Society of American Military Engineers (SAME) is dedicated to "actively pursue the educational aspects of the engineering profession, with emphasis on mentoring, student scholarships, high school and college outreach programs, and continued professional development of its membership". Keeping in step with the Society's goals and objectives, the Washington DC Post Fundraising and Scholarship Committees have made it a part of their mission to uphold this paramount Society directive. With countless hours of dedicated service, members of the Washington DC Post have continued to give of themselves so that the next generation has the opportunity to pursue their career aspirations. It has been a challenging but exciting journey, one which has allowed the DC Post Scholarship Program to grow and flourish.

During the last 13 years, there has been a core group of Post members orchestrating the DC Post Scholarship Program. These individuals took on, and continue to take on a myriad of responsibilities like fundraising, financial management, selecting the award recipients, organizing the annual scholarship dinner, and recruiting applicants. Over the years, they included: Bob Wolff, Marilyn Bracken, Al O'Konski, Carol Mowder, Ron Hubbard, Rose Dela Vega, Martin Sharpless, Murphy Tuomey, and others.

In addition, there is one more person that not only comes to mind, but really stands out in his efforts on the Scholarship Program - Bill Holmes. Bill, a car enthusiast, came up with the idea of the Post raffling a vintage, mint condition 1950's Thunderbird. The car was to be "purchased" via \$50 raffle ticket sales, and all proceeds over the reduced purchase price to the Post would go to the scholarship fund. But since the owner offered the car at such a price, he asked that the annual Post Scholarship winner be chosen from the

Environmental Program at Rensselaer University. The year was 1994, and Bill Holmes virtually organized and managed this raffle single-handedly. He advertised nationally, drove the car to malls and special car events, and promoted and sold raffle tickets. He sold over \$40,000 in tickets, which net the Post over \$19,000; hence, what we old timers on the Committee refer to as the "T-Bird RPI Environmental Scholarship".

The T-Bird Scholarship has been awarded eight times since 1996 to Environmental degree candidates at Rensselaer.

In addition, Ron Hubbard personally donated more than \$10,000 to the Scholarship Fund, thus the "Ronald Hubbard Scholarship" was established. The Hubbard Scholarship has been awarded five times since 1999 to Architecture degree candidates.

Two fundraising efforts arose out of very moving events. In 1997 the SAME community lost an extremely dear and valued friend in Linda McCarthy and later in 2001, a member and friend in Paul Brott. The DC Post Board unanimously approved the Linda McCarthy and Paul Brott Scholarships. Before being awarded annually, scholarships must be endowed by a minimum of \$10,000. Bob Wolff successfully led the effort to endow the Linda McCarthy Scholarship. Rose Dela Vega and Murphy Tuomey co-chaired the Brott effort, and with major corporate support from firms like Ewing Cole Cherry Brott and DMJM, as well as many other corporate and personal donations given in honor of Paul, we surpassed the endowment goal and are at \$25,000, and still growing. Thus, the "Linda McCarthy Scholarship", and the "Paul Brott Scholarship" were established. The McCarthy Scholarship has been awarded six times since 1998 to Engineering degree candidates. The Brott Scholarship has been awarded two times since 2002 to Architecture degree candidates.

Over the years, with many hours of dedication to organize fundraising events, we now have an estimated \$300,000 Scholarship Fund: Thunderbird Scholarship, McCarthy Scholarship, Ronald Hubbard Scholarship, Paul Brott Scholarship, DC Post Scholarship, Raffles, Corporate and Personal Contributions, Golf Tournaments, Regional and National Conferences (key fundraising events), and the Annual Scholarship Dinner.

In the last 10 years, we have awarded:

- Over 60 Scholarships, over \$70,000 awarded under the program.
- Over 55 students have benefitted (some repeats).
- Includes \$30,000 awarded to 21 recipients as named Scholarships since 1996.

This year's DC Post Scholarship Committee includes Marilyn Bracken, Rose Dela Vega, Al O'Konski, Ron Hubbard, Spencer Brott, Tom Stover, Murphy Tuomey and anyone else who wants to participate. ■

Contributing Authors:

Murphy Tuomey, DC Post Fundraising Committee
Al O'Konski, DC Post Scholarship Committee



Mark Hebden and Murphy Tuomey at the 2003 Paul Brott Scholarship Reception



John Nabra, Jr., Catholic University, one of 8 Scholarship Recipients in 2003, Hubbard Scholarship



Kristina Hawkins, University of Maryland, one of 8 Scholarship Recipients in 2003, Paul Brott Scholarship



Paul Brott Family Members at the 2003 Paul Brott Scholarship

AUGUST PROGRAM!

"Standard Form (SF) 330 for Release in August 2003"

Please join us for our next program, on Thursday, 21 August 2003.

Don Evick, Senior Civil Engineer, Engineering and Construction Division, HQ U.S. Army Corps of Engineers, will give a presentation on the upcoming SF 330.

Standard Form (SF) 330, Architect-Engineer Qualifications, will soon be published and will be effective in early 2004. The SF 330 is a two-part form that will replace the SF 254 and SF 255, that were essentially unchanged since their introduction in 1975. Don Evick was one of the primary members on the interagency Federal committee that developed the SF 330. He will explain the rationale behind the new form, and discuss block-by-block how it compares to the SF 254 and SF 255.

Don Evick has managed the Corps' architect-engineer contracting program since 1991. He is responsible for the Corps' A-E contracting policies, procedures, and training. He is the Corps' principal liaison with the A-E industry and has worked on several inter-agency committees to improve Federal A-E contracting regulations and practices. He has 31 years of Federal experience in various staff and supervisory engineering positions. He has a Master's Degree in structural engineering and is a registered professional engineer.

Please join us for what is sure to be an informative presentation.



REGISTRATION FORM

Please make your reservations for this event by 19 August 2003.
A \$5 surcharge will apply if attending without a reservation.

Date: **Thursday, 21 August 2003**

Location: Conference Center Bldg. #211
Washington Navy Yard, Washington DC
(Please visit our website www.sameDCpost.org for directions to the event.)

Cost: \$15 Young Member / Military / Gov't
\$25 Member
\$35 Non-Member

Time: 1130-1200 Registration
1200-1330 Lunch and Program

PLEASE CALL OR FAX RESERVATION FORM TO:
SAME Reservations Phone (703) 317-6275 or FAX (703) 960-9125. Bring check to event or mail to: SAME
Washington DC Post PO Box 77896, Washington DC 20013

Name _____ Organization _____
Address _____
Phone _____ E-Mail _____

Please circle: Young Member / Military / Gov't Member Non-Member



CORPORATE SPONSORS 2003

Please contact Murphy Tuomey if you would like additional information on benefits and how to become a Corporate Sponsor.
mtuomey@amtengineering.com



Young Members Tour the U.S. Capitol Visitor Center Construction Site



Some trees surrounding the U.S. Capitol must be removed or moved as part of the U.S. Capitol Visitor Center construction project.

On August 6, 2003, SAME Young Members attended a tour of the U.S. Capitol and the construction site of the U.S. Capitol Visitor Center (CVC). Organized by the Washington DC Post Young Members Committee, this tour gave our Young Members the opportunity to see first hand the construction process of the new Visitor Center.

Tom Fontana, CVC Project Communications Officer for the Architect of the Capitol, led our Young Members on a tour of a lifetime. His expertise in both the U.S. Capitol and its grounds and the engineering and architecture elements that go into the design and construction process, made this tour an excellent learning opportunity.



The construction of a Truck Tunnel will make truck activity invisible to members of Congress, and improve security and aesthetics on the East Front Plaza of the U.S. Capitol.

Our Young Members began the tour by visiting the construction site of a Truck Tunnel. Before 9/11, all truck activity took place adjacent to the Capitol. This was not appropriate for both security and aesthetic reasons. The Truck Tunnel, on the East Front Plaza of the Capitol, will allow trucks coming to the Capitol to be 1,000 feet away from the Capitol, thus making truck activity invisible to members of Congress, and increasing the safety around the Capitol.

The tour continued with the environs of the U.S. Capitol, with beautiful views of the National Mall. We then proceeded to see history in the making - the construction site for the new Capitol Visitor Center. Preparatory construction on the CVC began in the fall of 2001, which included the relocation of visitor screening facilities and implementation of the tree preservation program. Some trees surrounding the Capitol will need to be moved in order to continue the construction process. But all efforts are being met to not only increase the number of trees surrounding the



Excavation continues in the east-central portion of the project site to clear the way for a Congressional Auditorium. Much of the project site adjacent to the perimeter walls is down to its base of 50 feet.

Capitol, but also to see to it that memorial trees are relocated to other parts of the Capitol grounds. Major construction began in July 2002 and is scheduled to be completed in 2005. Extra care has been taken to insure that visiting the Capitol during the construction Continued on Pg. 11



From the Young Members Committee Chair

The Young Members of the Post had a unique opportunity to take a walking tour of the 580,000 square foot underground project, located on the United States Capitol east front grounds. The project will increase the U.S. Capitol building by over 60%. The structure includes theaters, an auditorium and visitor facilities and 180,000 square feet of new congressional office space. This tour allowed our Young Members to view the construction project before it opens to the public. They had the opportunity to ask technical questions from the Architect of the Capitol staff regarding construction issues or points of interest. This event helped build relationships and create mentoring opportunities for our Post.

Tracy Knott
Washington DC Post
Young Members Committee Chair

*"Thanks to the YM Committee for organizing the tour...very informative both from the design and construction perspectives. What a unique and challenging project. I really appreciate the opportunity to participate."
Mary Moore, Tour Attendee*

The members who attended this fabulous tour, want to thank Tracy Knott for the initiative to organize the tour and make it the best that it could be. It was one afternoon we will all remember for a long time to come, and look forward to attending at latter stages in the construction process, with a grand opening tour in 2005. Thank you for your organization Tracy!

U.S. Capitol Visitor Center Cont. from Pg. 10



Continued from Pg. 10

process continues to be an enjoyable and safe experience for all visitors. Screening facilities and ramps were built to get people around the construction site. In addition, safety precautions on the windows of the Capitol facing the construction site have been put in place for increased safety for members of Congress.

The total project cost is estimated at 373 Million, with an additional 45 Million pending appropriations. The CVC will provide enhanced security, greater accessibility, increased education opportunities, and more comfort. The project will include space for exhibits, visitor comfort, food service, two orientation theaters, an auditorium, gift shops, security, a service tunnel for truck loading and deliveries, mechanical facilities, storage, and much needed space for the House and Senate. The area which used to be the parking lot in front of the Capitol will now be replaced with a picturesque plaza for visitors with places to sit and rest, view reflecting pools, and allow visitors to be away from cars and trucks coming to and from the Capitol.

When completed, the CVC will aim to preserve and maximize public access to the Capitol while also adding public amenities for a better touring experience of the Capitol's historic corridors, chambers, and grounds. Almost three million people visited the U.S.

MAMMA-MIA!

A Musical Sensation like no other! 29 January 2004 Only 10 seats left to attend.

Sign up today! Join the Young Members and our Young-At-♥members for a night out on the town. ABBA Fans get ready because we are going to go see the smash hit musical "Mamma-Mia!" Let me know if you are interested in attending. Please email Tracy if you would like to purchase tickets, they are \$41 each (group sales rate). tknott@eclimited.com More information about the show can be found at www.mamma-mia.com

Capitol in 2000. Tours and the number of visitors some what decreased after 9/11 but are now picking up speed, with visitors expected to exceed the three million a year capacity. The decision to build a Capitol Visitor Center arose out of the need to accommodate more visitors and provide a safer environment both for visitors and members of Congress. When complete, the CVC will contain 580,000 square feet on three levels, which will require a 196,000-square-foot excavation on the East Front of the Capitol. It is clear to see how large this project is when compared with the 775,000 square feet occupied by the Capitol. The CVC is being constructed underground because building underground allows for the visitor center to be virtually invisible from the exterior, thus complementing but not detracting from the existing Capitol.

Our Young Members had the opportunity to ask many questions about the design and construction process, voicing a strong interest to return at later stages of the construction process and attend the grand opening in 2005.

Thanks to our superb tour guide, our Young

Members also got the opportunity to tour the U.S. Capitol rotunda, the Brumidi corridors, the old U.S. Supreme Court chamber, and the National Statuary Hall, with even a demonstration on the echo effect. Visit the U.S. Capitol for all its arts treasures, its architectural splendor, and history. ■

Anna Ross, article and photos
SAME Washington DC Post
Communications Committee Chair



The United States Capitol and its stately dome have become international symbols of our representative democracy.



More than 500 truckloads of material continue to be removed from the site each day and the perimeter slurry wall, 2,080 linear feet, is complete.



A view of the National Mall from the U.S. Capitol.



Hole 11 South Course

Nestled amongst Washington's landmarks of the White House, The Capitol and the Home to Air Force One, lies three of The Armed Services most challenging championship golf courses. The Courses at Andrews AFB, created from an extraordinary design that is picturesque, provide an enjoyable challenge for golfers of all levels.

The Courses at Andrews AFB have received superb acclaim from players and many in the golf industry.

Join us for a great event!



2003 ANNUAL WASHINGTON DC POST SCHOLARSHIP GOLF TOURNAMENT



THE COURSES AT ANDREWS AFB
SOUTH COURSE

3 SEPTEMBER 2003
7:00-7:45 AM REGISTRATION
8:00 AM SHOT GUN START

**1ST ANNUAL YOUNG
MEMBERS GOLF
WORKSHOP**
11:30 AM - 1:00 PM

SCHOLARSHIPS

The Washington DC Post supports The Society's goal to promote the engineering career field at colleges and universities through scholarships. The Washington DC Post, made up of over 1,400 individual members and 185 corporate members, offers scholarships annually to architectural and engineering college students, with an emphasis on those in the Washington DC Post area. The Washington DC Post awarded eight scholarships for the 2002-2003 year. The 2002-2003 scholarships were \$1,000 each. The following are the 2002-2003 Washington DC Post Scholarship Recipients:

- Patrick Delaney, SUNY at Albany, DC Post Scholarship
- Sarah Carrier, Catholic University, DC Post Scholarship
- Silvia Carroll, University of Maryland, DC Post Scholarship
- James Harrison, Rensselaer Polytechnic Institute, Thunderbird Scholarship/Charles Boylen
- Kristina Hawkins, University of Maryland, Paul Brott Scholarship
- Angela Kathryn Huegel, University of Maryland, McCarthy Scholarship
- Daniel Jacobeen, Catholic University, DC Post Scholarship
- John Nahra, Jr., Catholic University, Hubbard Scholarship

The Washington DC Post Scholarship Golf Tournament makes it possible for us to continue to support our young engineers and architects.

DIRECTIONS

From BALTIMORE: Take BWI Parkway towards Washington for approximately 20 miles. At the 95 interchange take 95 south towards Richmond. Take Exit 7 (Branch Ave/Rt 5 S. / Waldorf). Follow Route 5 to the Coventry Way exit. At the traffic light off the exit ramp, make a left and get in the right hand lane. At the next traffic light, make a right onto Old Alexandria Ferry Road. At the 2nd traffic light make a left into the Virginia Ave Gate. For tournament participants, your name will appear on a gate list with the Gate Security Police. Proceed up to the Gate Guard for clearance on to the Base. Make your first left and the Golf Course parking lot will be on your right.

From WASHINGTON: From The US Capitol, take South Capitol Street out of Washington. South Capitol Street changes into Suitland Parkway. Take a right onto Branch Ave/Rt 5 S. Follow Route 5 approximately 6 miles until you come to the Coventry Way exit. At the traffic light off the exit ramp, make a left and get in the right hand lane. At the next traffic light, make a right onto Old Alexandria Ferry Road. At the 2nd traffic light make a left into the Virginia Ave Gate. For tournament participants, your name will appear on a gate list with the Gate Security Police. Proceed up to the Gate Guard for clearance on to the Base. Make your first left and the Golf Course parking lot will be on your right.

From NORTHERN VIRGINIA: From Fairfax, Springfield, and Alexandria take 95 north towards Baltimore. Go across the Woodrow Wilson Bridge. Take Maryland Exit 7 (Branch Ave/Rt 5 S. / Waldorf). Follow Route 5 to the Coventry Way exit. At the traffic light off the exit ramp, make a left and get in the right hand lane. At the next traffic light, make a right onto Old Alexandria Ferry Road. At the 2nd traffic light make a left into the Virginia Ave Gate. For tournament participants, your name will appear on a gate list with the Gate Security Police. Proceed up to the Gate Guard for clearance on to the Base. Make your first left and the Golf Course parking lot will be on your right.

