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Richmond Branch - ASCE
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GENERAL ASSEMBLY MEET AND GREET

ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS
Virginia Section and Richmond Branch

INVITE YOU TO THE 4TH ANNUAL
GENERAL ASSEMBLY
MEET AND GREET

ASCE PROVIDING AN OPPORTUNITY FOR
4,000+ CIVIL ENGINEERS TO DISCUSS
LEGISLATIVE ISSUES WITH ELECTED OFFICIALS

Place: Jefferson Hotel
101 West Franklin Street
Richmond, VA 23220

Date: January 18, 2012

Time: 5:00 p.m. – 7:30 p.m.
Light food and drinks will be provided.

Event Coordination Support Provided By:

www.transystems.com www.kinley-horn.com

Please RSVP at <http://ascrichmond.org/?p=511>

Contact your representative to invite them to the
ASCE Meet and Greet!

If you don't know who represents you, find out by entering your
address at Who's My Legislator.

PRESIDENT'S MESSAGE



Mike Howell, PE

It seems as though I have read many articles in the trade magazines that civil engineers do not advocate the true value of their services. Unfortunately, it's true. It is not often that you hear about civil engineers on the nightly news and the momentous decisions that they made which will save numerous lives down the road or the innovation that they brilliantly developed that will provide their client with a more efficient design. This attitude does more than underestimate our contributions to society. It's selling short our years of experience in design, research, and construction. It's neglecting the success and failures of countless generations before us that has given us much of the knowledge we now take for granted. It's devaluing the rigorous education and registration process that has even given us the privilege of calling ourselves civil engineers. We alone possess the education, training, and commitment to be the experts of the public's infrastructure needs. That is why it is so important that we stand up and let our voices be heard when we have that opportunity.

Thankfully, we have that opportunity coming up this month at our annual **General Assembly Happy Hour**. This is the opportunity for us to discuss the issues prevalent in our industry with local and state government representatives. Each year we get more and more representation from the very politicians who will be making the decisions that affect the public through our profession here in our own state. **We are the professionals that they need to hear from** about these issues because it is our right and responsibility to do it!

Please let me encourage you to come to this remarkable event at the historic Jefferson Hotel in downtown Richmond. It has grown into one of our annual keystone events for the year and it is a great opportunity to meet and discuss issues affecting civil engineers in Virginia directly with the lawmakers who will be making those decisions. To further promote attendance at the event, we have even decided to cancel this month's membership meeting to make room in everyone's schedule! I hope everyone will consider coming out to this great event.

MEET THE... GOVERNMENT RELATIONS COMMITTEE CHAIR



Austin Clark, PE

From Knoxville, Tennessee and attended Virginia Military Institute where I obtained a Bachelor of Science in Civil Engineering. After working as a field engineer for a highway contractor, I attended the University of Virginia to obtain a Master's of Engineering in Civil Engineering.

I became a civil engineer because I liked building. Structures seemed a natural progression for my technical skill set. Knowing I could improve the transportation system which the public utilizes everyday was also appealing to me.

At **TranSystems**, I am a senior structural engineer, where I manage projects while still performing design responsibilities. This year we have performed work for the following DOTs: Virginia, Massachusetts, and Rhode Island.

Shortly after moving to Richmond in 1999, I began attending lunch time meetings of the Branch. For an extended period, this was the extent of my involvement until the first Meet and Greet four years ago. At which time, I became interested in the legislative process and how I could use my technical expertise to assist legislators.

My role on the Board is the chairing the government relations committee. I organize and plan the annual Meet and Greet with Virginia's legislators when the General Assembly is in session, which typically occurs during January. We also provide technical assistance to Legislators as bills related to civil engineering are proposed.

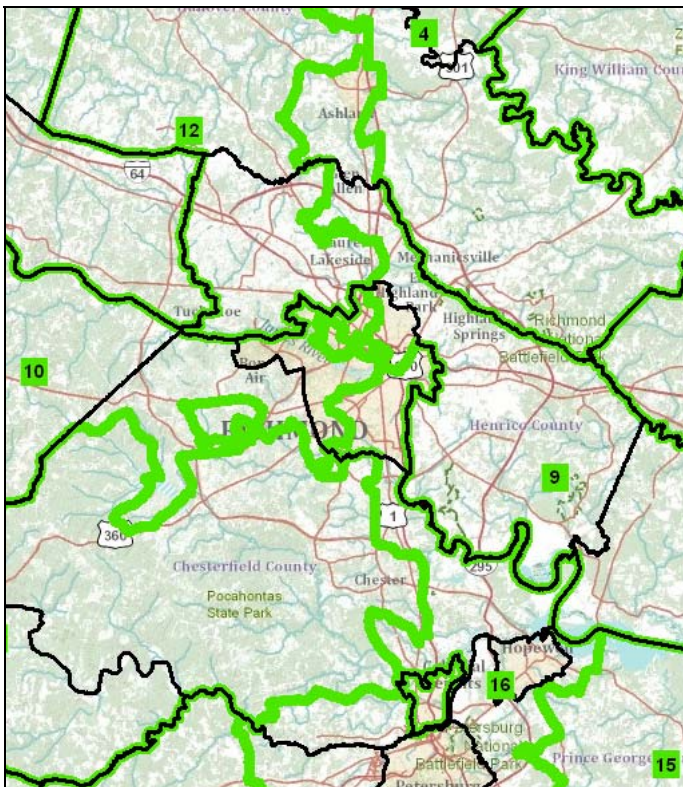
GOVERNMENT RELATIONS COMMITTEE NEWS

Virginia’s General Assembly

The Virginia General Assembly (<http://legis.state.va.us/>), the [legislative body](#) of the [Commonwealth of Virginia](#), will convene on **January 11th** for 60 days. Friday, January 20th is the last date to submit legislation for introduction. The General Assembly's chief responsibilities are to represent citizens in the formulation of public policy, enact laws of the Commonwealth, approve the budget, levy taxes, elect judges and confirm appointments by the Governor.

The Virginia General Assembly is the oldest legislative body in the Western Hemisphere. Its existence dates from the establishment of the [House of Burgesses](#) at [Jamestown](#) on July 30, 1619. It met in Jamestown from 1619 until 1699, when it moved to [Williamsburg, Virginia](#) and met in the colonial [Capitol](#) building. It became the General Assembly in 1776 with the ratification of the [Virginia Constitution](#). The government was moved to Richmond in 1780 during the administration of [Governor Thomas Jefferson](#).

Senate of Virginia

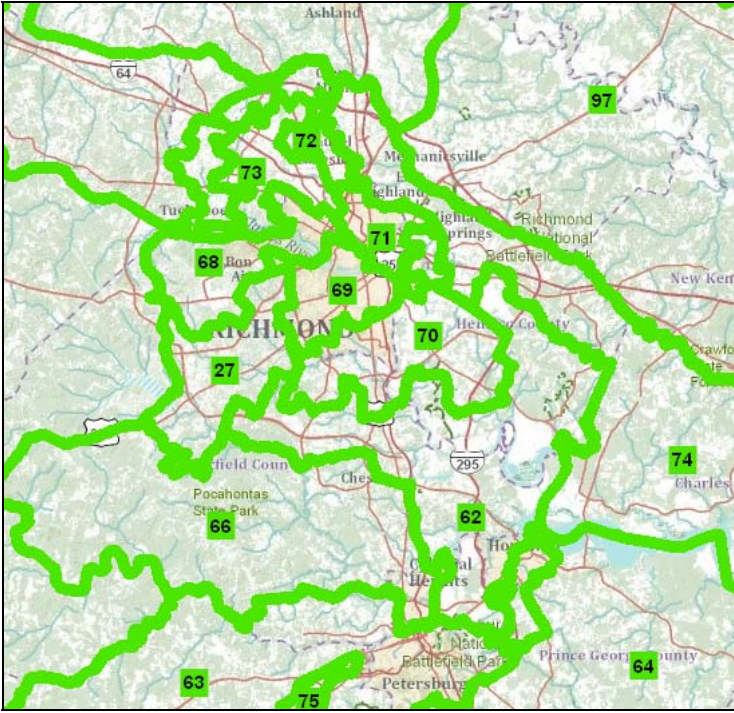


The Senate of Virginia consists of 40 members. Each member is elected for a term of four years and receives an annual salary of \$18,000. A Senator represents approximately 176,000 citizens of the Commonwealth. The Lieutenant Governor is the presiding officer of the Senate and is elected in a statewide election for a four-year term. A biographical page on each [senator](#) is available from the General Assembly's homepage.

- Senate District, Senator, Party**
- 4 Ryan T. McDougale (R)
 - 9 A. Donald McEachin (D)
 - 10 John C. Watkins (R)
 - 11 Stephen H. Martin (R)
 - 12 Walter A. Stosch (R)
 - 16 Henry L. Marsh III (D)
 - 22 Tom A. Garrett, Jr. (R)

11 Committees
Agriculture, Conservation and Natural Resources
Commerce and Labor
Courts of Justice
Education and Health
Finance
General Laws and Technology
Local Government
Privileges and Elections
Rehabilitation and Social Services
Rules
Transportation

House of Delegates (<http://house.state.va.us/>)



The House of Delegates consists of 100 members. Each member represents approximately 71,000 citizens. The term of office for a member of the House of Delegates is two years. Each member receives an annual salary of \$17,640. A biographical page on each [delegate](#) is available from the General Assembly's homepage.

- House District, Delegate, Party**
 27th Robinson, Roxann L. R
 55th Cox, John A. R
 56th Farrell, Peter F. R
 62nd Ingram, Riley E. R
 63rd Dance, Rosalyn R. D
 65th Ware, R. Lee, Jr. R
 66th Cox, M. Kirkland R
 68th Loupassi, G. M. (Manoli) R
 69th Carr, Betsy B. D
 70th McQuinn, Delores L. D
 71st McClellan, Jennifer L. D
 72nd Massie, James P. (Jimmie), III R
 73rd O'Bannon, John M., III R
 74th Morrissey, Joseph D. D

14 Committees	Chair
Agriculture, Chesapeake and Natural Resources	Harvey Morgan
Appropriations	Lacey Putney
Commerce and Labor	Terry Kilgore
Counties, Cities and Towns	Riley Ingram
Courts of Justice	Dave Albo
Education	Bob Tata
Finance	Harry Purkey
General Laws	Chris Jones
Health, Welfare and Institutions	Bobby Orrock
Militia, Police and Public Safety	Beverly Sherwood
Privileges and Elections	Mark Cole
Rules	Bill Howell
Science and Technology	Kathy Byron
Transportation	Joe T. May

Tracking Legislation

Using the Legislative Information System (<http://lis.virginia.gov/>), you can [track legislation](#) and review committee agendas prior to a meeting. You can even [testify before committees](#) on issues important to you. For a list of all registered bills, click here (<http://lis.virginia.gov/cgi-bin/legp604.exe?121+lst+ALL>).

PRE-FILED LEGISLATION

We have identified the following pre-filed legislation for the 2012 General Assembly session. These are but a few of the bills we will follow this session. Our efforts will be coordinated with ASCE National to obtain their recommendations. **We will have a planning session prior to the Meet and Greet at 4pm on January 18, 2012 at the Jefferson.** During the planning session we will review legislation filed to date and instruct you how best to show your support for or against these bills. Instruction that is more explicit will be emailed prior to our Meet and Greet.

SJ 2 Constitutional amendment; Transportation Funds (first reference)

Introduced by: Mark D. Obenshain

SUMMARY AS INTRODUCED:

Constitutional amendment (first resolution); Transportation Funds. Requires the General Assembly to maintain permanent and separate Transportation Funds to include the Commonwealth Transportation Fund, Transportation Trust Fund, Highway Maintenance and Operating Fund, and other funds established by general law for transportation. All revenues dedicated to Transportation Funds on January 1, 2013, by general law, other than a general appropriation law, shall be deposited to the Transportation Funds, unless the General Assembly by general law, other than a general appropriation law, alters the revenues dedicated to the Funds. The amendment limits the use of Fund moneys to transportation and related purposes. The General Assembly may borrow from the Funds for other purposes only by a vote of two-thirds plus one of the members voting in each house, and the loan must be repaid with reasonable interest within four years.

SJ 6 Constitutional amendment; Transportation Funds (first reference)

Introduced by: Richard H. Black (elect)

SUMMARY AS INTRODUCED:

Constitutional amendment (first resolution); Transportation Funds. Requires the General Assembly to maintain permanent and separate Transportation Funds to include the Commonwealth Transportation Fund, Transportation Trust Fund, Highway Maintenance and Operating Fund, and other funds established by general law for transportation. All revenues dedicated to Transportation Funds on January 1, 2013, by general law, other than a general appropriation law, shall be deposited to the Transportation Funds, unless the General Assembly by general law, other than a general appropriation law, alters the revenues dedicated to the Funds. The amendment limits the use of Fund moneys to transportation and related purposes. The General Assembly may borrow from the Funds for other purposes only by a vote of two-thirds plus one of the members voting in each house, and the loan must be repaid with reasonable interest within four years.

HB 11 Transportation; bonds for specific project on northbound and southbound lanes of Interstate 95

Introduced by: Mark L. Cole

SUMMARY AS INTRODUCED:

Transportation; bonds for specific project. Authorizes the Commonwealth Transportation Board to issue bonds in the principal amount of \$550 million to finance the cost of adding an additional lane on both the northbound and southbound lanes of Interstate 95 from Dumfries to Massaponax in Spotsylvania County to expand the regular travel lanes (not the HOV lanes).

HB 23 Transportation Trust Fund; increases amount of sales and use tax revenue dedicated to Fund.

Introduced by: Mark L. Cole

SUMMARY AS INTRODUCED:

Sales and use tax revenue dedicated to the Transportation Trust Fund. Increases the amount of sales and use tax revenue dedicated to the Transportation Trust Fund from an amount generated by a 0.5 percent tax rate under current law to an amount generated by a one percent tax rate, phased in by a 0.1 percent increase each year for five years, or over a longer period of time if there is a lack of growth in general fund revenues.

Possible repeal of 2008 dam safety regulations; based on recommendations from the Task Force for Local Government Mandate Review. ASCE is against the repeal of the 2008 dam safety regulations. The 2008 Regulations were the first substantial revisions since the 1980's to raise the state requirements to the nationally accepted standards for public safety and included:

- Public safety improvements to prevent loss of life and property from dam failures
- Advances in dam safety engineering, technology, and methodologies
- Dam safety requirements based on hazard to lives and property, design and condition of dam
- Modification of spillway design requirements to enhance public safety
- Incremental damage assessment for potential reduction of the spillway design flood
- Dam break inundation zone mapping to accurately determine hazard classification
- Improved emergency action plans for high and significant hazard dams
- New definitions for clarification including hazard classifications

If you would like more information on pre-filed legislation, please review the following link:

http://legis.virginia.gov/1_cit_guide/how_track.html

We will continue to monitor legislation as it is filed. Bills pertaining to civil engineering will be reviewed with ASCE National to coordinate our response. If you are interested in contacting your legislator or the General Assembly regarding pending legislation, please contact Austin Clark at alclark@TranSystems.com for further instruction.

FEBRUARY ENGINEER'S WEEK EVENTS

Career Day & Popsicle Bridge Contest

The Science Museum of Virginia will again host Career Day on Sunday Feb. 19 from 12pm - 5pm in conjunction with Engineers Week. As in past years, contests for Middle and High School Students will include an egg drop contest sponsored by ASME and a popsicle bridge building contest sponsored by our Branch. **We are looking for a volunteer to make the "Engineer's Bridge"**, which competes against the students bridge. We are also looking for volunteers to help run the competition the day of. If you are interested, download the 2012 Contest Package Rules on the homepage of our Branch website (www.ascerichmond.org) and contact Brooke Young (brooke.young@kimley-horn.com) with your interest. If you are not sure what to expect, check out the video on our homepage from last year's event. Hope you can join us!



ENGINEERS WEEK® 2012

February 19-25

Richmond Joint Engineers Council (RJEC) Annual Banquet

The Annual Richmond Joint Engineers' Council (RJEC) will be held on Thursday February 23, 2012 as part of Engineers Week. This event will be held at the Jefferson Hotel in Richmond, and will feature **David Lohr** as the featured speaker. The presentation topic will be "The Commonwealth Center for Advanced Manufacturing (CCAM) and Virginia's University Researching Institutions - A Game Changing Partnership." Mr. Lohr currently serves as the President and Executive Director at the new CCAM facility and is responsible for bringing together industry partners, faculty and students from Virginia's top Universities to perform cutting edge research, in surface engineering and manufacturing systems. If you would like to attend, places can be reserved for \$65 for professionals and \$40 for students. Please contact Amy Bird at abird@dewberry.com for further information on attending or to RSVP for this event.

RJEC Engineer of the Year Award

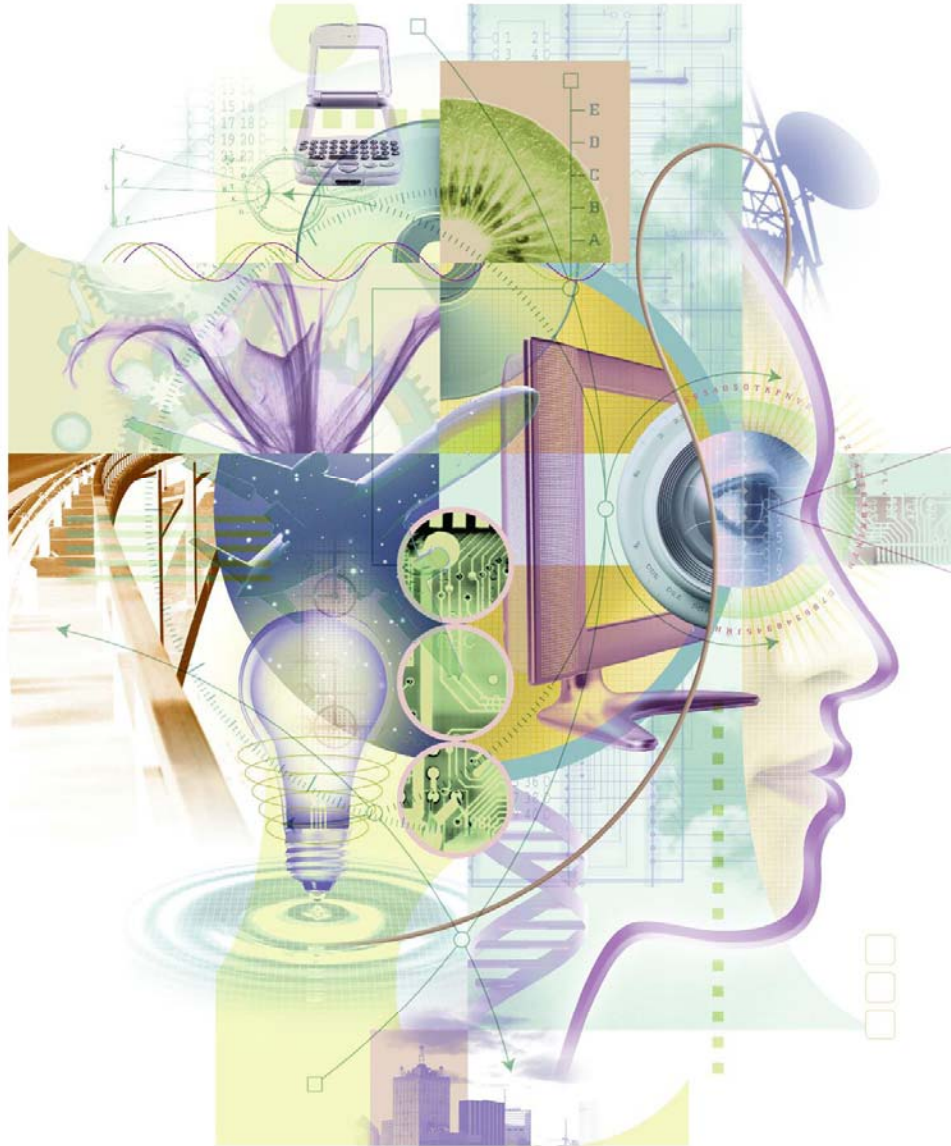
The Engineer of the Year Award presented by the Richmond Joint Engineers' Council seeks to recognize an individual, business or organization that has made a significant contribution to the engineering profession in the greater Richmond metropolitan area or surrounding counties through the application of engineering principles, the development of new technology, or the refinement of an existing technology. Applications must be received by **January 20, 2012**. For nomination forms and complete guidelines, please see <http://www.rjec.org/RJEC%202012%20Awards.pdf>.

RJEC Community Service Award

The Community Service Award presented by the Richmond Joint Engineers' Council seeks to recognize an individual, business or organization who serves as an example of the dedication and integrity of the engineering profession through their service, volunteerism, or dedication to the greater Richmond metropolitan area or surrounding counties. Applications must be received by **January 20, 2012**. Please refer to <http://www.rjec.org/RJEC%202012%20Awards.pdf> for nomination forms and complete guidelines.

RJEC Essay Contest

Do you know a middle or high school student who likes money? The Richmond Joint Engineers' Council (RJEC) is sponsoring an essay contest with cash prizes for the best written and video essays. The competition is open through **January 13, 2012** and all middle and high school students in the Richmond/Petersburg Tri-Cities metro area and surrounding counties are eligible to participate. Winners will be honored at the annual RJEC Banquet at the Jefferson Hotel during Engineer's Week. For more information and complete contest rules, please see http://www.rjec.org/index_files/RJEC%20STUDENT%20ESSAY%20CONTEST%202012.pdf.

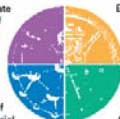


INTRODUCE A GIRL TO ENGINEERING

Celebrate Introduce a Girl to Engineering Day February 23, 2012

Major support provided by
 Agilent Technologies, Inc., Exxon Mobil Corporation, Motorola Solutions Foundation,
 Rockwell Collins, and S. D. Bechtel, Jr. Foundation

Engineers Week® is made possible by the National Engineers Week Foundation and Corporate Affiliates, in addition to other supporters. **Jeffrey Wedemeyer, Ph.D.**, President and Chief Executive Officer, Battelle, Honorary Chair Engineers Week 2012; **Victoria Rockwell**, President, ASME, Chair, Engineers Week 2012. **National Engineers Week Foundation Leadership Council:** Bentley Systems, Inc., Exxon Mobil Corporation, Lockheed Martin, S. D. Bechtel, Jr. Foundation, Shell Oil Company. **Members of the Engineers Week Committee:** ASME, Chair, American Council of Engineering Companies, American Institute of Chemical Engineers, American Society of Agricultural and Biological Engineers, American Society of Civil Engineers, American Society of Heating, Refrigerating and Air-Conditioning Engineers, IEEE-USA, Institute of Industrial



Engineers, National Council of Examiners for Engineering & Surveying, National Engineers Week Foundation Diversity Council, National Society of Professional Engineers, Society of Manufacturing Engineers, Society of Petroleum Engineers. **With Support From:** National Science Foundation, U. S. Army Corps of Engineers. **2012 Corporate Affiliates:** 3M Foundation, Atkins, Battelle, Bechtel Group Foundation, The Boeing Company, CH2M HILL, ConocoPhillips, DuPont, Fluor Corporation, IBM International Foundation, Intel Foundation, Motorola Solutions Foundation, Northrop Grumman Foundation, Raytheon Company, Rockwell Collins, National Engineers Week Foundation, 1420 King Street, Alexandria, Virginia 22314. www.eesweek.org
 ♻️ Printed on recycled paper.

ENGINEERS WEEK® 2012
 February 19-25

17th Annual American Society of Civil Engineers

Popsicle Bridge Contest

The Challenge:

Build the most efficient bridge from only Popsicle sticks and Elmer's Glue

The Prizes:

1st Place: \$100 (each division)

2nd Place: \$50 (each division)

Most Aesthetic Bridge Award : \$50/team

Most Innovative Bridge Award : \$50/team

Beat-the-Engineer Contest

The Competitors:

Middle School Division (Grades 6-8)

High School Division (Grades 9-12)

Date: February 19, 2012

Middle School Registration	12:00 pm – 1:00 pm
High School Registration	1:00 pm – 2:00 pm
Bridge Testing	12:15 pm – 4:15 pm
Awards Ceremony	Following Testing

Place: Science Museum of Virginia
2500 West Broad St., Richmond VA

Register by February 3, 2012 at
www.ascerichmond.org/2012bridgecontest/registration

View a video from last year's contest at:
<http://www.youtube.com/watch?v=s4NqJu52aPU>

See complete rules for additional information about the contest

YOUNGER MEMBER EVENT

Q&A Session With Senior Civil Engineers

ASCE is inviting its younger members to attend and participate in a Q&A session with several of the area's prominent senior civil engineers. The event will be geared to find **what these engineers wish they knew when they were younger**, what types of things helped them find success and what types of things hindered their success. Attendance and participation is free and lunch will be served.

February 7, 2012, 12:00-1:00pm

Positive Vibe Café

2825 Hathaway Road, Richmond, Va 23225

Lunch Options (all lunch options include chips):

1. Grilled Seasoned Roast Beef
2. Vibe Club
3. Vibe Vegetarian Wrap

RSVP by January 31 to Chris Vaught at 804-515-8596 or Chris.Vaught@aecom.com

YOUNGER MEMBER GROUP NEWS

P.E. Planner

Upcoming exam date is **April 13, 2012**

(application deadline was December 5, 2011).

Next exam date is October 26, 2012 (application deadline is June 18, 2012).

ASCE's Live P.E. Exam Review Courses on the web are a comprehensive, proven, and time-tested method to help you and/or your colleagues prepare for and pass the P.E. Exam. One site registration fee allows multiple staff members from your firm/organization to prepare for this very important exam.

**** Reminder: Registration Ends Tuesday, February 7, 2012 ****

COMMUNICATIONS COMMITTEE NEWS

New Branch Website

Live: www.ASCERichmond.org.

Information regarding the issues the General Assembly will be discussing and ASCE's recommendations is available at the new Branch website.

MEMBERSHIP COMMITTEE NEWS

New Chair

The Board welcomes Ed Buchanan to the position of Membership Committee Chair. Ed graduated from Virginia Commonwealth University with a Bachelor's in Mechanical Engineering in 2000. He currently works for Environ-Civil Engineering, LTD., as a project engineer. He is married, has three children, and currently lives in Mechanicsville. If you would like to contact Ed regarding Membership, you can email him at buchananee@ece-ltd.com. Ed has been a long-time member of ASCE and is recently ramping up his involvement with the Richmond Branch. He looks forward to his new role and welcomes any questions or comments.

FOLLOW UP FROM PREVIOUS MEETINGS

Civil Engineering in the Civil War

National Park Ranger Tracy Chernault discussed the significant role of civil engineering in the Civil War. Both the Confederate and the Union armies relied heavily on civil engineering tactics, from building trenches to digging underground tunnels, in an attempt to gain a strategic advantage over their adversaries. One of the most notable battles, the campaign for Petersburg, lasted 292 days and employed some of the most innovative engineering tactics of the period. Ranger Chernault gave an entertaining talk and invited everyone for a tour of Petersburg Crater.

Public Notice

ATTENTION: ARCHITECTS, ENGINEERS, CONTRACTORS, and DEVELOPERS!!!

True or False?

Federal and state fair housing laws' design and construction requirements require 20% of the units in new multi-family housing to be accessible for the disabled?

Answer: False

In new multifamily housing, 100% of the units in a building with an elevator must be accessible for the disabled. If a building does not have an elevator, ALL of the ground floor units in the building (regardless of the percentage or number of units) must be accessible. In rare instances, sites may have steep terrain or unusual characteristics that make it impractical for some units to be made accessible.

The federal Fair Housing Amended Act and Virginia Fair Housing Law require seven basic features to comply with the access requirements of the Act and Law. Those features are:

1. An accessible building entrance on an accessible route.
2. Accessible common and public use areas.
3. Usable doors (usable by a person in a wheelchair).
4. Accessible route into and through the dwelling unit.
5. Light switches, electrical outlets, thermostats and other environmental controls in accessible locations.
6. Reinforced walls in bathrooms for later installation of grab bars.
7. Usable kitchens and bathrooms.

These requirements are found in the Fair Housing Amended Act (42 U.S.C. 3604(f)(3)(C)) and Virginia Fair Housing Law (Va. Code § 36-96.3(B)(1-3)). HUD published the Fair Housing Accessibility Guidelines (the Guidelines) on March 6, 1991, and supplemented those Guidelines with a Supplemental Notice: Questions and Answers About the Guidelines on June 28, 1994, to describe these requirements in more detail. The Guidelines are one of seven safe harbors for compliance that HUD has identified.

**For more information, contact the Virginia Fair Housing Office at:
(804) 367-8530 or (888) 551-3247.**



RICHMOND BRANCH GETS AWARD

The ASCE Committee on Diversity and Inclusion (CDI) has awarded the Richmond Branch an honorable mention for the 2011 Section and Branch Diversity Award! The Richmond Branch has received this honorable mention due to our noteworthy efforts in demonstrating support of equitable opportunity for participation of people within the civil engineering profession without regard to race, ethnicity, religion, age, gender, sexual orientation, nationality, or physical challenges.

It was clear to CDI that the Branch is making significant and impactful contributions to the enhancement and awareness of the profession through the support of Branch members to serve as mentors for participants in the RAPME program, ensuring that meetings are held in accessible locations at convenient times and taking on an inclusive approach to ensuring that the representation of elected leadership is diverse resulting in an increase in female leadership.

The honorable mention 2011 Section and Branch Diversity Award includes a \$200 honorarium and commemorative plaque which will be presented to a representative of the Richmond Branch at the January 2012 Regions 1, 2, 4, & 5 Leadership Conference in Nashville, TN. Branch President Mike Howell will be in attendance to accept the award.

ASCE ACHIEVEMENT AWARDS

Colleagues who have contributed to civil engineering through their outstanding leadership, research or substantial career accomplishments merit the accolades of their peers. The Honors and Awards Program of the American Society of Civil Engineers has as its objective the advancement of the engineering profession through the recognition of exceptionally meritorious achievement. The Program maintains current information online at www.asce.org/awards.

Nominations Due January 15th

- Lefevre Award, Walter

Nominations Due February 1st

- Collingwood Prize
- Edmund Friedman Young Engineer Award For Professional Achievement
- Daniel W. Mead Prize For Younger Members
- Younger Member Group Award

Nominations Due March 1st

- Civil Government Award
- Edmund Friedman Professional Recognition Award
- Daniel W. Mead Prize for Students
- John I. Parcel-Leif J. Sverdrup Civil Engineering Management Award

NOW TRANSFERRING NUTRIENT OFFSET CREDITS IN THE JAMES RIVER

CBNLT is now providing NUTRIENT OFFSET CREDITS for immediate transfer in the Chesapeake Bay. DCR & Virginia Localities now allow the use of OFFSETS to meet water quality and stormwater requirements.

- * **State wide acceptance — YES**
- * **EPA, Va, DCR and Locality supported under VA CODE § 10.1-603.8:1**
- * **Offsets follow TRIBUTARY and/or 8 digit HUC system.**
- * **COMPLIANCE and AUDIT needs? EPA\DCR use supported**
- * **BMP replacement option**

CONTACT: info@cbnlt.com

SAVE 40%

RESERVED PRICING FOR THE FIRST 5 LBS TRANSFERRED IN 2011. CLOSE BY THE END OF THE YEAR.

\$ 12,500 LB.

Brent Fults \ Scott Reed
CBNLT: Virginia authorized
Offset Broker

CONTACT:

bfults@cbnlt.com

sreed@cbnlt.com

cjensen@cbnlt.com

Collaborative
Opportunities
from:



CONTACT CBNLT

804.222.5114

PURCHASE OFFSETS WHEN.....YOUR PROJECT MEETS:

Less Than **5 acres** will be disturbed.....OR

Less than **10 lbs** of phosphorus removal is requiredOR.....

Project has reached **75% Water Quality** treatment onsite.....OR.....

Faltering BMP's that are not functioning as anticipated.

JAMES RIVER WATERSHED CREDITS

**Tomorrows Natural Resources Today — “First Step Model”
DCR certified OFFSETS for your stormwater needs — Available NOW**

CONFERENCES AND TRAINING

Low Impact Development (LID) Competition

The Virginia Low Impact Development (LID) Competition challenges teams of development professionals to demonstrate cost-effective approaches to replicating pre-development hydrology on selected development sites within the Commonwealth of Virginia. A \$15,000 prize will be awarded to winning designs in each of three design categories: **Suburban Residential, Commercial Redevelopment, Green Roadways**. Finalists will be announced at the Virginia Lakes and Watershed Conference to be held on March 6, 2012. The Virginia LID Design Competition winners will be announced at the 23rd Annual Environment Virginia Symposium on April 12, 2012. **DEADLINE FOR SUBMISSION: FEBRUARY 17, 2012**. For full details on the Virginia LID Competition, visit

www.VirginiaLIDcomp.org

ASCE's Legislative Fly-In

The Fly-in (March 20-22, 2012 in Washington, DC) gives ASCE members the opportunity to educate and influence lawmakers on public policy issues affecting the profession of civil engineering.

This program includes:

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

Apply now to attend this informative and interactive two-day program at www.asce.org.

First Virginia Geotechnical Conference – Save the Date

ASCE Geo-Institute and Virginia Chapter

Topic: Lessons Learned in Geotechnical Engineering

Venue: Williamsburg Lodge; Williamsburg, VA.

Date: April 30, May 1 and 2, 2012

Speakers: 16 high qualified geotechnical speakers (PDHs: 10hrs)

Website: www.virginiageoinstitute.org

Conference Chair: Jose N. Gomez, M.ASCE, MSc, PE (jgomez@ecslimited.com)

VCU Energy and Sustainability Conference – Save the Date

Virginia Sustainable Building Network and the James River Green Building Council

April 30-May 2, 2012

BRANCH BUSINESS

Schedule of Upcoming Events

Date	Speaker	Topic	Location
January 18, 4pm	Austin Clark	General Assembly Prep Session	Jefferson Hotel
January 18, 5-8pm	--	General Assembly Meet and Greet	Jefferson Hotel
January 20-21	--	Regions 1, 2, 4, & 5 Multi-Region Leadership Conference	Nashville, TN
February 7, 12pm	Various	Q&A session with senior civil engineers	Positive Vibe Cafe
February 19, 12-5pm	--	Popsicle Bridge Contest / Career Day	Science Museum of Virginia
February 23, 6pm	David Lohr	Engineers Week Banquet	Jefferson Hotel

This Newsletter is brought to you by:



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The Richmond Branch of ASCE is soliciting sponsors for our newsletters and website. The cost is \$10 for a ¼ page ad/logo or \$20 for a ½ page ad per month. Contact the Communications Chair for details.

Contact Information

Name	Office / Committee	Company	Phone	Email
Mike Howell, PE	President	Austin Brockenbrough & Assoc. LLP	592-3905	MHowell@Brockenbrough.com
Amanda Harmon, PE	Past President	Kimley-Horn and Associates, Inc.	673-3882	Amanda.Harmon@Kimley-Horn.com
Amy Bird, EIT, LEED AP	President Elect	Dewberry	205-3338	ABird@Dewberry.com
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