

## Younger Member Group eNewsletter

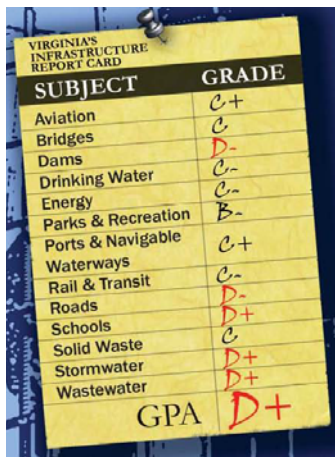
11/5/09

*Supplementing Branch Activities with a Focus on Younger Members*

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### Virginia Infrastructure Report Card... someone's going to get grounded!

The ASCE Virginia Section has completed and released the report card on the quality of the state's infrastructure. The Old Dominion finished the year with a **D+ GPA**... certainly not good enough in the engineering field and definitely a concern for public safety. Details are available at the state website ([www.ascevirginia.org](http://www.ascevirginia.org)). Please **spread the word** to friends and family and stay tuned for opportunities to meet with state legislators to suggest infrastructure improvements.



SUBJECT	GRADE
Aviation	C+
Bridges	C
Dams	D-
Drinking Water	C-
Energy	C-
Parks & Recreation	B-
Ports & Navigable Waterways	C+
Rail & Transit	C-
Roads	D-
Schools	D+
Solid Waste	C
Stormwater	D+
Wastewater	D+
<b>GPA</b>	<b>D+</b>

### Want to nominate an outstanding engineering for an award?

The ASCE Committee on Younger Members is accepting nominations for the following awards (due Dec.11):

- Outstanding YM in Private Sector
- Outstanding YM in Public Sector
- Outstanding YM in community service

Nomination packages are available for download at [www.ascevirginia.org](http://www.ascevirginia.org). All nominations must be endorsed by the Branch, so be sure to contact Branch President Paul Hinson ([phinson@koontzbryant.com](mailto:phinson@koontzbryant.com)) if you plan to nominate someone.

### Post-PE Happy Hour Update

Happy Hour on October 28<sup>th</sup> at Positive Vibe was a good time. Several exam survivors showed up and drank their worries away. If you missed it, be sure to catch up with us in April!

## 2009 Golf Tournament Success!

After months of concerned planning due to the economy, **the annual Golf Tournament proved successful**, in part due to pushing the date back to a cool October day and in part due to the dedicated efforts of the volunteers. Fifteen teams participated, several prizes were awarded (including three to the same guy), and all the beer tickets were cashed in.

The annual tournament is a **fundraiser to support a Branch scholarship** to our assigned student chapter, the University of Virginia ASCE student chapter. We're still counting the final receipts, but we suspect successful tournaments this year and last year provided us with a **surplus to award more than one scholarship!** Thanks to all the participants, sponsors, and volunteers!

## Grade School Outreach

The YMG and Branch are starting to plan for our annual **Popsicle Bridge Contest** during the **2010 Engineer's Week**. Our 2009 contest saw the largest number of participants we have ever had (over 100 students and about **50 bridges**), and we are hoping to increase that number this year! The Science Museum and RJEK have plans to expand the festivities over two days, so we'll be able to put a **bigger focus on Civil Engineering**. Our contest will move to the **main exhibit hall** where we will have access to a **sound system, overhead cameras, projector screens, stage**, and extra seating. We will also have the opportunity to put up other demonstrations about different aspects of Civil Engineering. Contact Mike Howell to get involved ([mhowell@brockenbrough.com](mailto:mhowell@brockenbrough.com)).

## Paper Competitions

1. ASCE Collingwood Prize Application – **Want more recognition for a paper you've already published?** The Collingwood Prize is awarded to the Younger Member (35 or under) author or authors of a paper describing an engineering work with which the author(s) have been directly connected; or recording investigations contributing to engineering knowledge to which the author(s) have contributed some essential part; and containing a rational digest of results. **Papers must have been published by the Society during the twelve (12) month period ending with September 30, 2009.** Applications must be endorsed by the Branch and are due by February 1, 2010.
2. Daniel W. Mead Prize and Daniel V. Terrell Award - **Want to kill two birds with one stone?** The Daniel W. Mead and Daniel V. Terrell competition have the same topic: **"What ethical problems might the engineer of 2025 encounter with advancements in technology and communication?"** These are two separate competitions but the same paper can be submitted to both. Mead is open to all ASCE members, and Terrell is open to Region 4 members only. Applications must be endorsed by the Branch and are due by February 1, 2010 (Mead) and March 1, 2010 (Terrell).

Full rules and applications are available upon request or can be downloaded from [www.ascevirginia.org](http://www.ascevirginia.org).

## **THE STUDENT SECTION**

For those still in school (and those who still love to tailgate)

By Chris Miller

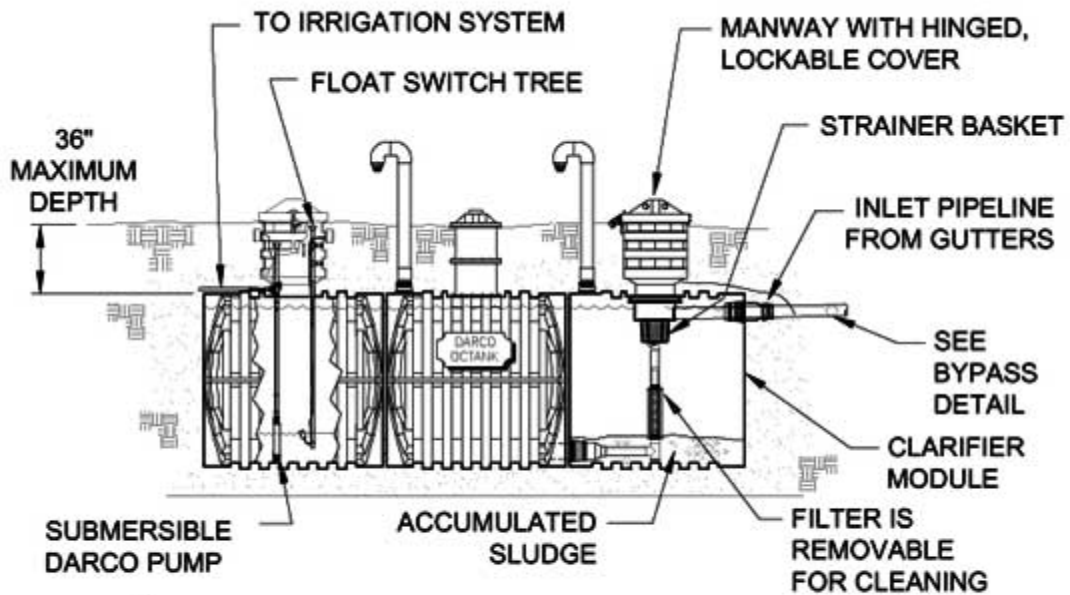
The Richmond branch of ASCE will be busy this month with the UVA student chapter. First, we are again offering **our annual scholarship**. This \$1,000 scholarship, which is funded by the annual golf tournament, is given out to an upperclassman civil engineering student at UVA who is involved with the UVA student chapter. The ideal candidate would demonstrate a need for financial aid and have graduated high school from the greater Richmond area. Applications are due on 11/9, and the scholarship will be awarded on 11/19.

Also this month the chapter will be attending the **UVA student chapter's fall banquet** held in the Rotunda on UVA's campus on 11/19. It is at this banquet that we will present the scholarship, and interact with the members of the UVA student chapter as they present awards to their members. Before the banquet, **the Richmond branch will be hosting a happy hour** at nearby restaurant so that members of the student chapter and Richmond branch can socialize and get to know each other. The branch will be sponsoring a few people to attend this banquet, so if you are interested in learning more please contact me at 200-6598 or [chris.miller@timmons.com](mailto:chris.miller@timmons.com).

### **Green Engineering Products:**

One reader recently worked on a project capturing rainwater for use in an irrigation system. The company he worked with is called Darco ([www.darcoinc.com/rain-capture.html](http://www.darcoinc.com/rain-capture.html)). They have a great line of products for water harvesting including an all-in-one system that filters, stores & pumps water to an irrigation system as depicted in the picture below:

## RAIN CAPTURE



**WARNING**

**PLUMBING AND ELECTRICAL WORK MUST MEET LOCAL CODES**

NOT TO SCALE, FOR ILLUSTRATION ONLY

Darco Inc.  
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Revision 9/13/07

**Upcoming Events:**

<u>Dates</u>	<u>Event</u>	<u>Location</u>
November 19	UVA Student Chapter Happy Hour, Rotunda Dinner, and Scholarship Presentation	Charlottesville
November 30	Branch Meeting – Webinar Presentation	Timmons Office
December 11	Younger Member Award Nominations Due	
December 15	Branch Meeting	Westwood
January 20	VA Report Card Release and Happy Hour	VCU

**We want to hear from you!**

- Do you have something to share with other Younger Members?
- What would make ASCE better for Younger Members?
- What topics are Younger Members specifically interested in?
- What issues are unique to Younger Members?

Please feel free to **share this eNewsletter** with your colleagues. You may also reply to the sender to submit email addresses for colleagues that would like to be added to the distribution list. You can find archived copies of the eNewsletter on the Section website at: [www.ascevirginia.org](http://www.ascevirginia.org).

You are on this newsletter listserv as a registered or prospective younger member or younger member supporter in the Richmond Branch of ASCE. The Younger Member Group intends to send no more than 2 emails per month to the listserv. If you wish to be removed from the listserv, please reply to the sender with your request.

Thank you,  
Younger Member Group Chair

Denise Nelson, P.E., LEED AP



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