



Hard Facts

Newsletter

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Don't Miss It!

Commonwealth of Virginia's Governor's Transportation Conference

December 5-7 in Vienna, Va.

TECHNICAL ARTICLE

Evergreen Retains for McGee-Tyson Air National Guard

By Mimi Rainero Coles, Permatile Concrete Products Co.

When deciding on a method for slope stabilization, engineers at Allen & Hoshall turned to Permatile's Evergreen retaining wall system for its structural strength, ability to handle hydrostatic pressures and the poor soil conditions existing at McGee-Tyson Airfield. McGee-Tyson Airfield is a shared facility between the public airport for metro Knoxville, and the Tennessee Airport National Guard (TANG).



The TANG project begins.

Beginning in early 2003, Allen & Hoshall engineers prepared plans and specifications for two retaining walls to replace failed slopes. The original construction for the TANG mess hall facility had left a steep 2:1 cut area behind the building at the truck loading facility. This cut was failing due to the poor soil conditions. The clay material had very low cohesion, low bearing strength and leached water. The slope failures and the upcoming construction were interrupting the ability of the mess hall to provide service to the base air personnel and staff. Conditions of construction were that the mess hall would remain open during construction and the project would be completed during the Christmas/New Year's winter break.



After the units are in place, TANG chose to fill the units with stone. Another option was to plant the front of the units as seen in the picture below.



The Evergreen System may be planted as in this example, which belongs to Wal-Mart in Johnson City, Tennessee.

The TANG project was bid July 15, 2003, and Blount Excavating of Maryville was contracted for the site work, including the two retaining walls. The walls totaled approximately 7,620 square feet of wall area. Permatile received approved shop drawings November 5, 2003, and delivered materials to the jobsite before Christmas. The first week of 2004 saw single-digit temperatures overnight with daytime highs in the upper teens and low twenties range as the contractor excavated and prepared foundations for the Evergreen walls. The site location had very limited storage and operating room, which made timely delivery of the units crucial to the success of a smooth installation. The use of precast Evergreen units allowed construction to continue despite extreme weather conditions and limited working space, resulting in completion of the project ahead of schedule.

Association & Member News

President's Message



Don E. Wagner
2012-2013 PCAV President

The PCAV had another great turnout of both association members and VDOT personnel at the Joint PCAV-VDOT meeting in September. These meetings are an excellent opportunity to discuss issues impacting the precast industry. The strong participation from VDOT once again indicates the value of our relationship with state officials and the success we have had together in working through issues cooperatively. Our next joint meeting is in March 2013. I hope to see you all there.

In the next few weeks the executive committee will be working on the PCAV budget for 2013. We will have some difficult decisions to make regarding which activities will be funded. We do not expect funding from the cement association to be restored in 2013, so we will again be facing a deficit situation. Fortunately, the PCAV has ample reserves that can get us through the next year, but that does not mean we need to continue to operate as we have in the past. I would appreciate your input on this matter. Feel free to send me an email at dwagner@concretepandp.com or give me a call at [804-399-5337](tel:804-399-5337).

Possibly more important than the budget, however, is PCAV membership participation and the willingness of members to volunteer to be an officer, work on a committee, or help out at an event. We need your help! The economy remains tough and we are all having to cover more ground than we used to for our respective businesses, but the PCAV has proven itself over the years as a great investment for its members. Let's continue to grow our relationships with VDOT and major municipalities. These relationships will be crucial as new legislation and regulations are proposed affecting our businesses and industry. We need the participation from new people and their new ideas. Sign up to get involved!

The PCAV will be participating at the [Commonwealth of Virginia's Governor's Transportation Conference](#) December 5-7 in Vienna, Va. This is a great opportunity to network with people from government and the transportation industry. It also reminds these individuals of the excellent producers, suppliers and technical expertise that are associated with the PCAV. Please plan to attend.

Mimi Rainero Coles New Chairman of NPCA



Mimi Rainero Coles
PCAV Past President

Mimi Rainero Coles of Roanoke, Va., has been elected Chairman of the National Precast Concrete Association's (NPCA) Board of Directors. Rainero Coles is a Sales and Business Development Manager for Permatile Concrete Products Co. in Bristol, Va. She began her one-year term on Saturday, October 6, at NPCA's 47th Annual Convention in New Orleans.

In addition to Rainero Coles, **Ashley Smith**, President of Smith-Midland Corp. of Midland, Va., and **Howard Wingert**, President of Concrete Sealants, Inc. of New Carlisle, Oh., were elected to one-year terms on the Executive Committee of NPCA for 2012-2013 at the annual meeting.

Other newly elected PCAV members serving in NPCA positions:

- **Barry Fleck**, President and CEO of A.L. Patterson, Inc. of Fairless Hills, Pa., was elected President of the NPCA Educational Foundation for the 2012-2013 year.
- **John Rainero**, P.E., of Permatile Concrete Products of Bristol, Va., serves on the NPCA Education Foundation Board of Directors.
- **Darryl Cloud**, National Sales Manager for Concrete Sealants, Inc. of New Carlisle, Oh., was elected VP of the NPCA Education Foundation Board of Directors for the 2012-2013 year.

PCAV Associate Members with participation on NPCA Committees include:

- A.L. Patterson Inc. of Fairless Hills, Pa.: Barry Fleck, Greg Fleck
- Grace Constructions Products of Cambridge, Mass.: Ed Mansky, Terry Harris
- EJ of Middletown, Del.: Roy Kohlier, Joe Lazzati, Pete DeHaan
- Spillman Company of Columbus, Oh.: Ted Coons, Bryan Cousino
- Concrete Sealants, Inc. of New Carlisle, Oh.: Howard Wingert, Jesse Wingert, Sam Lines, Frank Palas, Darryl Cloud
- U.S. Foundry & Manufacturing Corp. of Miami, Fla.: Daniel Pagan
- TEKA North America Inc. of Chesapeake, Va.: Mike Mueller
- Concrete Accessories of GA, Inc. of Paris, Ark.: Vic Bockstadter

Managing Consultant's Report



Mark Singer
PCAV Managing Consultant

Colder temperatures always bring a lull in construction activity, but there is no lull in the action-issues facing the PCAV. Regulatory and technical proposals are indifferent to the seasons, and PCAV must therefore remain engaged and vigilant all year long. In addition, there is both happy and sad news to share among our very busy membership.

The PCAV hosted its fall joint VDOT/PCAV meeting in September in Richmond. A strong turnout from both our membership and our friends from VDOT made for a most productive meeting. Topics ranged from QA/QC plan updates, to pipe installation inspections, to drainage inlet minimum precast heights. On the latter topic, the association has formally requested adoption by VDOT of a minimum height schedule developed by the PCAV for storm drainage. Mutual discussions regarding the acceptance of our proposal are ongoing and encouraging.

PCAV also recently learned that long time VDOT Chief Engineer **Mal Kerley** will be retiring at year's end after more than 40 years of service with VDOT. Mal has always been a highly competent administrator of engineering decisions at VDOT, and his door has always been open to the PCAV. He will be sorely missed, but his retirement is well-deserved and the PCAV will honor Mal with a plaque at the March joint VDOT/PCAV meeting.

PCAV committees remain active as well. The Education Committee is busy scheduling its Concrete Pipe Design and Installation program in engineering classes at many of the state's colleges and universities. The Pipe Committee continues its strong outreach program to contractors, inspectors, design professionals and public contract administrators, having already completed three precast pipe information sessions in various regions of Northern Virginia with attendance figures in the 300 range. That's getting the message out to a lot of product decision makers!

PCAV was also glad to welcome **Ms. Carissa Alexander** (Concrete Pipe and Precast) back as a committee chair when President **Don Wagner** recently appointed her to head the association's Marketing Committee. Everyone who knows Carissa agrees that the president made a very good choice! **Hank Gottschalk** (Concrete Pipe and Precast) also needs a shout-out for, among his many other duties involving promoting and educating interested parties about precast products, agreeing to make a presentation on behalf of the PCAV on the topic of precast box culverts at the request of VDOT at the Mid-Atlantic QAW next February. Members are encouraged to provide Hank with ideas and information that could be included in his remarks.

An ongoing and very important state regulatory function that the PCAV is actively engaged in monitoring and impacting are proposed changes by the State Department of Environment Quality to the conditions required to obtain and maintain a General VPDES

Permit for Concrete Products Facilities. PCAV is now reviewing the first draft of the proposed revisions. State regulatory changes can sometimes take a long time to develop and become effective. Nonetheless the PCAV will remain engaged for the entire process, given the implications new requirements could have on our members' production facilities around the state.

Under the heading of Members in the News all members of the PCAV were proud to learn of the recent election of board member and past president **Mimi Rainero Coles**(Permatile Concrete Products Co.) to the chairmanship of the National Precast Concrete Association's Board of Directors. Mimi has earned both a state and national reputation as a knowledgeable and tireless advocate for our sector, and NPCA is now being led by one the industry's most respected professionals. Kudos to Mimi on achieving this high honor.

PCAV is also happy to welcome **Astralloy Steel Products** as our newest Associate Member represented by **Steve Livesay**. For more information about their abrasion resistant steel products visit the PCAV website for contact information and give Steve a call. Under the heading of not really a "new" member PCAV welcomes the announcement of a recent joint venture between two former Producer Members-- **Americast Inc.** and **Hanson Pipe and Precast LLC**--to form our newest Producer Member, **Concrete Pipe and Precast LLC**. We wish this new venture much success going forward.

On a very sad note all PCAV members were deeply saddened to learn that board member **Ed Wiles** (Roanoke Cement) passed away on August 31 after a five-month courageous battle against cancer. Ed was an industry leader whose wisdom and guidance will surely be missed by not only this association, but all who had the pleasure to serve or work alongside him. Our condolences to Ed's wife Karen, son Tory, and all of his associates at Roanoke Cement. Ed left us much too soon and the loss is large.

Looking down the road, mark your calendars now for the next joint VDOT/PCAV meeting scheduled for **March 19, 2013** in Richmond, and you won't want to miss our 2013 Annual Conference to be held once again atop the mountain at Wintergreen on **May 8 and 9**. In the interim, don't hesitate to call the PCAV office if we can be of any assistance.

PCAV Officers &

Directors

PCAV Officers

President

Don Wagner

[Concrete Pipe & Precast,
LLC](#)

Vice President

Mimi Rainero Coles

[Permatile Concrete
Products Co.](#)

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Christopher Speck

[Oldcastle Precast](#)

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James D. Fullerton

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Managing Consultant

Mark I. Singer

[Advocates of Virginia](#)

Calendar

December 5-7, 2012

[Commonwealth of
Virginia's Governor's
Transportation
Conference](#)

Vienna, Va.

March 19, 2013

PCAV/VDOT Joint Mtng

The Place at Innsbrook

Richmond, VA

May 8-9, 2013

PCAV Annual

Conference

Wintergreen Resort

Wintergreen, VA

PCAV Members

Producer Members	City, State	Telephone
Concrete Pipe and Precast, Inc.	Ashland, Virginia	804-798-6068
Nansemond Pre-cast Concrete Co. Inc.	Suffolk, VA	757-538-2761
Oldcastle Precast	Fredricksburg, VA	540-898-6300
Permatile Concrete Products Co.	Bristol, VA	276-669-5332
Rinker Materials	Frederick, MD	301-698-7373
Smith-Midland Corporation	Midland, VA	540-439-3266
Associate Members		
A.L. Patterson	Fairless Hills, PA	267-974-8341
A-LOK Products, Inc.	Tullytown, PA	800-988-7837 800-822-2565
American Step Company	Griffin, GA	800-988-7837
Astralloy Steel Products	Birmingham, AL	804-366-8752
BASF Corp.	Beechwood, OH	610-212-5577
Boral Material Technologies	Reidsville, NC	336-274-1140
Capitol Foundry of Virginia Inc.	Virginia Beach, VA	757-427-9431
Columbia Machine, Inc.	Vancouver, WA	360-694-1501
CONAC Concrete Accessories	Norcross, GA	770-417-1110
Concrete Sealants, Inc.	Tipp City, OH	610-948-7867 800-332-7325
East Jordan Ironworks, Inc.	Richmond, VA	804-513-0674
Essroc Cement	Laneview, VA	800-624-8986
Fullerton & Knowles, P.C.	Clifton, VA	703-818-2600
Giant Cement Company	Summerville, SC	843-851-9898
Grace Construction Products	Westminister, MD	540-220-8159
Haarup North America	Portland, OR	503-954-1718
Hamilton Form Co.	Fort Worth, TX	817-590-2111
Hamilton Kent, LLC	Toronto, ON & Boxford, MA	978-376-9965
Holcim Cement	Haggerstown & Ijamsville, MD	301-739-1150 443-472-6542
Insteel Wire Products	Mount Airy, NC	800-791-4108
Kaufman Products, Inc.	Baltimore, MD	800-637-6372
LaFarge North America	Chesapeake, VA	757-545-2481
Lehigh Cement Co.	Union Bridge, MD	800-462-9071
M.A. Industries, Inc.	Peachtree City, GA	800-241-8250
Martin Marietta Aggregates	Richmond, VA	804-674-9517
Meadow Burke Products	Lorton, VA	571-294-4049
Press-Seal Gasket Corp.	Ft. Wayne, IN	260-436-0521
Roanoke Cement Co.	Mechanicsville, VA	504-798-3251

Spillman Co.	Columbus, OH	800-443-6767
Swope & Associates	Charles City, VA	804-829-5551
TEKA North America	Chesapeake, VA	757-558-8846
Trelleborg Engineered Systems	Mount Airy, MD	800-626-2180
U.S. Foundry & Manufacturing Corp.	Brown Summit, NC	800-527-8380
Universal Polymer & Rubber, Ltd.	Middlefield, OH	800-782-2375
Universal Sales	Hendersonville, NC	828-891-4412
Virginia Contractor Supply	Manassas, VA	301-988-4900
Vulcan Construction Materials	Manassas, VA	703-368-2060
Government Members		
City of Chesapeake	Chesapeake, VA	757-382-6101



Mission Statement

The Precast Concrete Association of Virginia is dedicated to the growth of the precast concrete industry. We pursue that purpose by educating and partnering with specifiers, installers and end users on the advantages and proper utilization of our products and systems. The association will represent its members in the Commonwealth of Virginia.

Precast Concrete Association of Virginia

1108 East Main Street, Suite 1200, Richmond, VA 23219
 PH: 804.377.2144
 FX: 804.346.8287
 EM: pcav@gopcav.com
 Web: www.gopcav.com

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