



# Hard Facts

## Newsletter

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### TECHNICAL ARTICLE by Hank Gottschalk, [Hanson Pipe & Precast](#) VDOT Post-installation Inspections Hit the Streets



Hanson conducted a pipe test demonstration in Chesapeake, Virginia, October 26, 2010.

All [VDOT](#) bids effective with the July 2010 advertisements require post-installation inspections for newly installed pipe lines and culverts. The revised specifications can be found on [VDOT](#)'s website under [Supplemental](#)

[Specifications](#) and are now part of Section 302 Drainage Structures.

In addition to the usual visual inspection by the department, a post-installation visual/video camera inspection shall be conducted by the contractor in accordance with Virginia Test Method 123 and the specs on **all** storm sewer pipes and a select number of culverts. These inspections are to be conducted no sooner than 30 days after completion of the pipe installation and pavement of final backfill.

Deficiencies such as misalignment, open joints, cracks, spalls, slabbing, over deflection, buckling, bulging, racking, and damaged coatings are to be evaluated and addressed. The revised specifications even call for a potential decrease in pay for over-deflection of thermoplastic and metal pipe materials.

The [PCAV](#) has been busy educating all stakeholders on the importance of proper inspection and evaluation of installed pipelines through educational seminars as well as hands-on inspection demonstrations.

Partnering with local contractor associations, educational seminars have been presented to more than 80 contractors through [HCCA](#), [RAMCA](#), and [HRUHCA](#). These 1 to 1½-hour classes stress the importance of proper installation and inspections and are still available for contractors that were unable to attend the initial sessions.

Pipe inspection demonstrations were held in Richmond, Chesapeake, and Bristol, Virginia at [Americast](#), [Hanson](#) and [Permatile](#) pipe facilities. These demonstrations showcased inspection equipment from Aries Industries that included CCTV equipment as well as laser deflection and laser micrometer inspection tools. More than 110 attendees observed real-time inspection through pipelines that were prepared above ground to show potential issues and demonstrate how modern technology can interpret what is observed through the lens of the inspection cameras.

If you would like information on [VDOT](#) 's new specifications or how to prepare for these post installation inspections, contact the [PCAV](#) office or your local pipe manufacturer for more information or training.

## Association & Member News

[Managing Consultant's Report](#)

## Officers & Directors

### PCAV Officers

President  
Don Anger  
[Americast, Inc.](#)

Vice President  
Don Wagner  
[Hanson Pipe & Precast](#)

Secretary-Treasurer



**Mark Singer, PCAV Managing Consultant**

It's been a busy summer for the PCAV. The economy continues to sputter, and much uncertainty remains regarding our country's fiscal future and when a full-scale turnaround of the construction economy will occur.

The need, however, for the association to remain vigilant and engaged in representing Virginia's precast industry remains strong irrespective of the ups and downs of the state or national economy. As a good example of that, VDOT recently contacted us to discuss and clarify how precasters are currently complying with a federal mandate that has become known as the "Buy American" requirement which mandates that on federally-funded projects all iron as steel products be produced in the United States regardless of the percentage they represent in the final manufactured product being supplied. PCAV's President and I had a long discussion with VDOT representatives in a successful effort to clarify what the requirement is, and how compliance could be demonstrated. PCAV then provided this compliance information to the association's producer members.

In an effort to continue to have adequate promotional funds available to broaden the exposure of precast products in the state, your association once again worked very hard to prepare and submit a request for support from the Portland Cement Association. This year's request included a promotional plan, recent promotional accomplishments, and a strategic plan going forward. Given the strength of the PCAV submittal, we are expecting a positive response from the PCA. Special thanks to PCAV producer representatives Don Anger, Mimi Coles, Don Wagner, Hank Gottschalk, Randy Partin, and Scott Crumpler for their time and effort on this important task.

And a special "shout out" to Robert Sells, President of Titan America Mid-Atlantic Business. Titan America operates PCAV member Roanoke Cement Company, Virginia's only cement plant. Mr. Sells penned an editorial that received statewide exposure expressing grave concerns about recent regulations being proposed by the EPA that will impact the Portland cement sector, utilities, and ultimately everyone who relies on the products of both industries. Mr. Sells suggests that bad science and an overzealous federal agency is creating "a grave danger by allowing over-regulation to strip us of our ability to manufacture and sell goods" and calls for our congressional delegation to put the brakes on this regulatory

Craig Whitten  
[East Jordan Iron Works, Inc.](#)

**PCAV Directors**

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[Permatile Concrete Products Co.](#)

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[Fullerton & Associates](#)

**Managing Consultant**

Mark I. Singer  
[Advocates of Virginia](#)

overkill. PCAV supports Titan's position and thanks Mr. Sells for framing the issue and getting it out to the public.

The next official general meeting of the association is scheduled for September 20th in Richmond and will feature a joint meeting with VDOT representatives followed by a meeting of the board of directors. Please mark your calendars now and plan to attend.

## PCAV Members

<b>PRODUCER MEMBERS</b>	<b>City, State</b>	<b>Telephone</b>
Americast	Ashland & Harrisonburg, VA; Martinsburg, WV	804-798-6068
Hanson Pipe & Precast	Richmond, Roanoke, Manassas, VA	804-233-5471
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
<b>ASSOCIATE MEMBERS</b>		
A.L. Patterson	Fairless Hills, PA	<a href="tel:800-332-7090">800-332-7090</a>
A-LOK Products, Inc.	Tullytown, PA	800-988-7837, 800-822-2565
American Step Company	Griffin, GA	800-988-7837
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

Grace Construction Products	Westminister, MD	540-220-8159
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	800-334-9504
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	Chesapeak, 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	260-436-0521
Universal Sales	Hendersonville, NC	828-891-4412
Virginia Contractor Supply	Manassas, VA	301-988-4900
Vulcan Construction Materials	Manassas, VA	703-368-2060
<b>GOVERNMENT MEMBERS</b>		
City of Chesapeake	Chesapeake, VA	NO PHONE PROVIDED

For more details and updates throughout the year, please visit the PCAV website, [www.gopcav.com](http://www.gopcav.com).



## 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.

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