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Summer Updates from the Precast Concrete Association of Virginia

PCAV Members and Friends,

As summer winds down, PCAV is excited to share another round of updates highlighting the strength and innovation of Virginia's precast concrete industry. In this issue, you'll find a reminder about our upcoming annual **PCAV/VDOT Joint Meeting on September 16**, along with stories that showcase the versatility of precast solutions, from new product innovations like Hamilton Kent's Tylox® Deep Seal™ gasket to project spotlights at Luck Stone's Bealeton Quarry and the rehabilitation of the Colonial Parkway with the National Park Service.

We're also celebrating the industry at a national level during Construction Week, and sharing a preview of upcoming 2025–2026 events you'll want to mark on your calendar.

Thank you for being part of the PCAV community. We look forward to seeing many of you at our events this fall and continuing to build momentum together across Virginia and beyond.

Sincerely,
The PCAV Board and Team

Save the Date: PCAV/VDOT Joint Meeting

We're looking forward to connecting with you at the annual PCAV/VDOT Joint Meeting on Tuesday, September 16, 2025, in Richmond, Virginia. This is a valuable opportunity to hear updates directly from VDOT, exchange ideas, and strengthen partnerships that move our industry forward.

Location:
VMA Events Center
2112 W. Laburnum Avenue, Suite 205
Richmond, VA 23221

Register Today!

Time:
10:00 AM – 2:00 PM

THANK YOU TO OUR ANNUAL MEETING SPONSORS

Lunch

CP&P CONCRETE PIPE & PRECAST

NPCC NANSEMOND PRE-CAST CONCRETE CO., INC.

SMITH-MIDLAND® EXCELLENCE IN PRECAST CONCRETE

Coffee + Breakfast

CONSEAL™ CONCRETE SEALANTS INC. SEAL OF SECURITY. BOND OF TRUST.

LUCK STONE

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PCAV Member Highlights

Rehabilitation of the Colonial Parkway, managed by the National Park Service


10'x8' Box Culvert

Thanks to the **Great American Outdoors Act**, Colonial National Historical Park has secured funding to repair and maintain a ten mile section of the Colonial Parkway, which runs through the park. This vital investment will restore up to 90-year-old Parkway infrastructure for the next 40 to 50 years. The Colonial Parkway Rehabilitation Project will increase visitor access, safety and enjoyment by:

- Eliminating road hazards
- Improving guardrails
- Providing better signage
- Improving tunnel lighting, and
- Providing a better experience for drivers, who can enjoy the views instead of dodging potholes.

The nearly $123 million Colonial Parkway Rehabilitation Project is one of the largest construction projects established by the **Legacy Restoration Fund** in the nation. It will address $110.5 million of maintenance backlog identified by the **Federal Highway Administration (FHWA)** along the Colonial Parkway. Work will include:

- Rehabilitation of pavement and shoulders
- Repair of eleven bridges and rehabilitation of the Williamsburg Tunnel
- Improved climate resiliency through better management of stormwater, reconditioning of shoulders and ditches, up-sizing of culverts and armoring of drainage channels, and maintaining the cultural landscape by replicating the historic exposed aggregate pavement and the brick bridges and culvert headwalls.

Producer Member, Concrete Pipe & Precast (CP&P) is providing Wagman Heavy Civil, Inc. with RCP, Precast Storm Structures and Reinforced Box Culvert.

Recently, CP&P shipped 10' x 8' box culvert fabricated by the Martinsburg team. It was installed without a hitch that left Wagman singing with success! This site is also setting Box Culverts from the Winchester (8' x 4') and Salem (14' x 10') plants.

The project is overseen by VDOT, FHWA and the National Park Service. It has undergone heavy scrutiny from the third-party QC firm for the project and received resounding "thumbs ups" on all fronts.

This is a great example of our CORE 4 and Customer Service Standards. Teams from across the Mid-Atlantic met our commitments, respected all parties' efforts- both internal and external, acted with integrity while focusing on strong, clear and constructive communication and- most of all- got better as this project has progressed

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Tylox® Deep Seal™ - HK's New Watertight Solution for Environmentally Sensitive Infrastructure

Backed by 30 years of research and development, the new Tylox® Deep Seal™ from PCAV Associate Member, Hamilton Kent, combines two proven HK technologies into the next generation of concrete pipe gaskets for environmentally sensitive infrastructure.

The Tylox® Deep Seal™ blends the pressure-resistant properties of HK's CF Series gaskets with the time and labor-saving properties of the popular Tylox® SuperSeal™.

Borrowing from the HK CF Series, the Deep Seal™ features a wider, corrugated base for a tighter grip, along with a rubber flap to hold back infiltration. Like the innovative SuperSeal™, the Deep Seal™ gasket comes pre-lubricated, with a rubber tube design that makes it quick and easy to install either in the factory or in the field. The thicker tube and tighter grip enables the Deep Seal™ to resist higher hydrostatic pressure – up to 35 psi and beyond. No messy lubrication is required on the jobsite, and no equalization is needed after installation on the pipe.

The Tylox® Deep Seal™ is ideal for projects like these:

- Deep-buried pipelines

- High water table pipelines
- Pipelines running near sanitary lines or water distribution lines

A significant step forward for the gasketing of concrete pipes in high hydrostatic pressure environments, Tylox® Deep Seal™ adds to HK's growing line of innovative labor-saving gasketing for watertight infrastructure projects.

For more information on the new Tylox® Deep Seal™, please reach out to **Hamilton Kent**.

Precast Solution Supports Rail and Road at Luck Stone's Bealeton Quarry



When Luck Stone's Bealeton Quarry faced a failing set of corrugated metal pipes beneath a critical railroad crossing and entrance roadway, the stakes were high. The solution: a robust precast box culvert system engineered and supplied by Producer Member, Concrete Pipe & Precast (CP&P).

Working against heavy rain, site constraints, and an aggressive eight-day installation window, Virginia Construction Company (VCC) and CP&P collaborated to complete the project on time while keeping quarry operations and water flow uninterrupted. The result is a durable, long-term infrastructure upgrade that will support both rail and road traffic for years to come.

Read the Full Case Study



We Want Your News!

PCAV would like to feature your business' community outreach -- it's easy to highlight all that you do to support youth by providing scholarships, supporting events in your community, and highlighting your people, products, and promotions!

What will we do with your submissions?

In addition to inclusion in our HardFacts, social media channels, and on the website, we may include in our SCPA grant application and in other publications as requested. We will always provide credit to you, the author, and for all photos.

Submit your news to **Becky Hall**.

2025 PCAV Calendar

September
16

PCAV VDOT Joint Fall Meeting
Richmond, Virginia

September
23

VTCA Dialogue with the Northern Virginia District
Herndon, Virginia

October
26-29

American Concrete Institute's Fall Concrete Convention
Baltimore, Maryland

October
29

VTCA Dialogue with the Culpeper and Fredericksburg Districts
Charlottesville, Virginia

View all upcoming activities on our website

Precast Concrete Association of Virginia | PO Box 3632 | Richmond, VA 23235 US

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