

**PCAV**  
**9702 Gayton Road**  
**Suite 332**  
**Richmond, VA 23238**  
**804-377-2144**  
**www.precastva.org**

**2019 Upcoming Calendar Events:**

**August 19-24, 2019**- Concrete Pipe Week

**September 24, 2019** - PCAV/VDOT Joint Meeting - Richmond, Virginia.

**September 25, 2019** - PCAV Training Day - Richmond, Virginia

**Inside this issue:**

President's Message	I
Executive Director's Report	I
PCAV Joint Meeting - January 29, 2019	2-3
Legislator's Day at the General Assembly - January 30	4-7
PCAV Annual Golf Tournament/Awards	8-11
Annual Meeting General Meeting - April 25th, 2019	12
Annual Meeting Who's Who	13
Annual Meeting Sponsors - April 25th, 2019	14
Save-the-Dates - PCAV Annual Training Day - Richmond	15
Pipe Week 2019	16
PCAV Members In The News	17-18
PCAV Member Listing	19
PCAV Mission Statement & Board	20



# HardFacts

## Newsletter - Spring 2019

### PCAV President's Message



**Edward C. Page, P.E.**  
**Concrete Pipe & Precast,**  
**PCAV President**

Great plans are being developed by the PCAV even as I write this message. Amidst the business of June I hope all our members and associates have furthered plans made in January to invite leaders and other interested parties to our production facilities during National Concrete Pipe Week. In Virginia, we celebrate the week in an expanded manner by requesting the Governor officially proclaim August 19-24th as the 2019 Virginia Concrete Pipe and Precast Week.

The 3rd Annual Training Day agenda in Richmond on Wednesday September 25th has been finalized! Please see the descriptions of the 2019 presentation topics on page 15. Registration will open this week and registration details will be sent by the PCAV's Executive Director, Vanessa Patterson. We look forward to hosting you during this complimentary day which includes breakfast, refreshments, and lunch. If you need Professional Development Hours, 6 hours can be received by attending this day full of interesting continuing education on a variety of aspects of the Precast Concrete Industry from both the Producer and Associate Members perspective. This event gives us a chance to share knowledge and experiences while receiving the benefit from folks in our industry and others with related skills. It will be here before you know it. As always I thank our members and associates for sharing their time, talents and finances for the benefit of the precast concrete industry.

Have a wonderful rest of the summer and we hope to see you in Richmond on September 25th!

### Executive Director's Report

After ending a very successful 2018, the PCAV got off to a fast start with back-to-back meetings in Richmond in January 2019. Day one was full of committee meetings, lunch and a working session with our partners at VDOT, followed by an afternoon board meeting. Critical planning for the rest of 2019 got underway, The following day a group of PCAV members participated in the 4th Annual Legislator's Day at the General Assembly. The results and impact of those individual meetings with key legislators will be felt for years to come. I cannot stress the importance of these annual outings to visit the Legislators who represent the PCAV member company districts.



**Vanessa Patterson**  
**Executive Director,**  
**PCAV**

We held our Annual Meeting and Golf Tournament in Charlottesville April 24th-25th. After two challenging weather years in a row, the PCAV Annual Golf Tournament finally was held on the perfect weather day! Good spirits and friendly competition made for a great outing. The Annual Meeting the following day featured four interesting speakers on topics ranging from the current political scene to the use of precast vessels in the wine making process.

The PCAV is focused on the next Joint Meeting with VDOT in September and the 3rd Annual PCAV Training Day in Richmond. Enjoy the busy summer months and we look forward to our gatherings in the fall. Please don't hesitate to contact me at my new email address: [vanessa@precastva.org](mailto:vanessa@precastva.org)

### PCAV/VDOT Joint Meeting January 29, 2019

PCAV and VDOT met Tuesday, January 24, 2019 in Richmond, Virginia. The day began with networking time leading up to committee meetings. VDOT personnel joined in time for lunch and to spend time catching up both personally and professionally since our last meeting was held in September 2018. A joint PCAV/VDOT meeting followed lunch to discuss issues of mutual interest. MASH implementation for precast concrete safety barriers, wing wall notification, failure due to scour, and 2019 supplements to the 2019 specs were among the topics discussed. The afternoon session concluded with a productive board meeting used to plan many of the 2019 activities including the Richmond 3rd Annual training event to be held Wednesday September 25, 2019.





**SINCERE APPRECIATION FOR THE PCAV'S  
JANUARY 29TH JOINT MEETING SPONSORS**

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**LUNCH SPONSORS:**



**DESSERT SPONSORS:**



**PCAV Legislator's Day January 30, 2019**

Early on the morning of Wednesday January 30th, PCAV members headed up the hill to attend the 2019 General Assembly Session after having gathered for a strategy session. The objectives for the day were to meet legislators representing districts within which PCAV plants and offices are located. During the brief meetings, a high level overview of the PCAV were given as well as specifics pertaining to the individual member companies. Invitations to visit plants once the 2019 session concluded, were conveyed to the legislators. Each legislator was given a “leave behind” packet that included the PCAV commissioned Economic Impact Report, a “one-pager” highlighting the PCAV mission and key facts about the precast industry as well as any company information the meeting attendee wanted to include. Meetings were held with 25 delegates and senators from around the state.

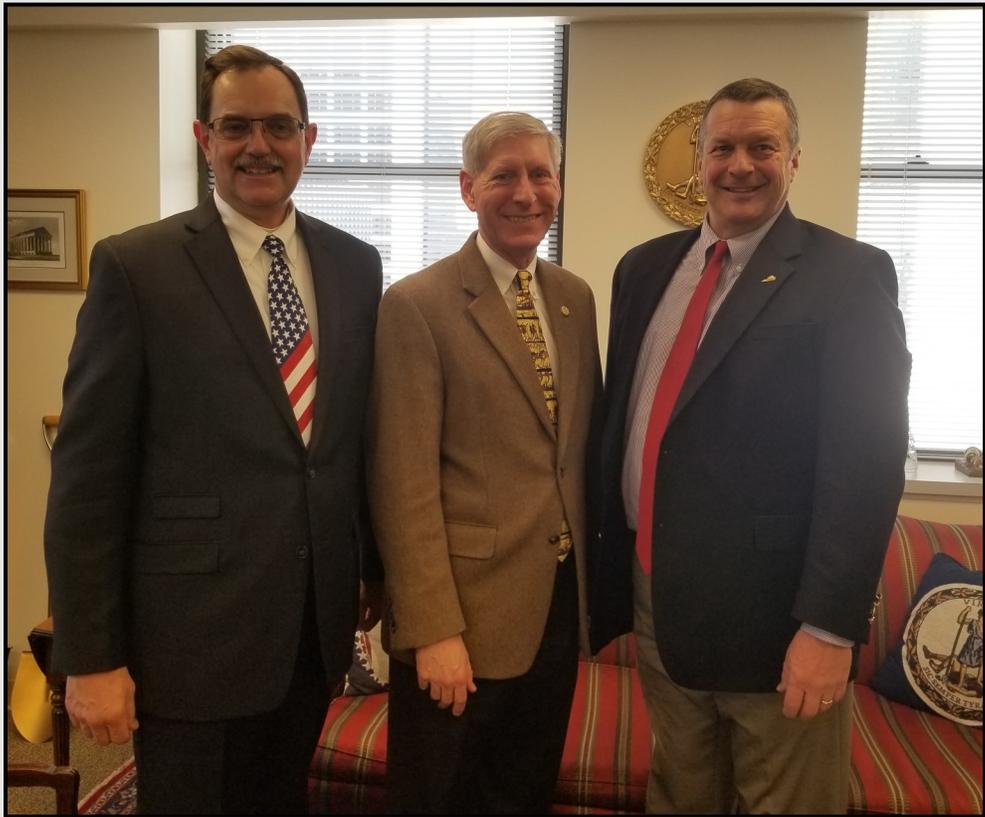
**DELEGATES:**

Rob Bell  
David Toscano  
Christopher Collins  
Sam Rasoul  
David Yancey  
Dickie Bell  
Timothy Hugo  
Ronnie Campbell  
Tony O. Wilt  
Steve Landes  
Christopher Head  
Cheryl Turbin  
Chris Jones  
Michael Webert  
Christopher Stolle  
Glenn Davis  
Elizabeth Guzman

**SENATORS:**

Creigh Deeds  
Jill Vogel  
Emmett Hanger  
David Sutterlein  
Lionell Spruill, Sr.  
Frank Wagner  
Louis Lucas  
Bill DeSteph

**PCAV Legislator's Day January 30, 2019**



## 2019 Legislation PCAV Supported Signed into Law

In the four years the PCAV has been making an annual trip to the General Assembly, the importance of these visitation days has become crystal clear. The relationships built with key legislators and with constant monitoring of important bills during each session, has resulted in recognition of the PCAV as a key stakeholder in matters dealing with transportation, the precast industry and heavy construction reliant on the use of our products. We approached the 2019 visit day with two main talking points when face-to-face with legislators; Coal Ash Bills and I-81 funding. On this page and next, please see the details from the two March press releases from Governor Northam's office as he signed the bills we fought so hard for into law. These are proof positive what we do and the relationships we have built and will continue to build, have a significant and tangible results!

### Governor Northam Signs Historic Coal Ash Clean Up Legislation

#### Newly-approved bills will protect water quality by removing over 27 million cubic yards of coal ash from unlined ponds in Chesapeake Bay Watershed

**RICHMOND**—Governor Ralph Northam has signed legislation to clean up more than 27 million cubic yards of coal ash from unlined ponds in Virginia, after a historic bipartisan agreement that was supported by Democratic and Republican members of both the House and Senate.

[Senate Bill 1355](#), sponsored by Senator Frank Wagner, and [House Bill 2786](#), sponsored by Delegate Riley Ingram, require the closure and removal of any coal combustion residuals (CCR) units, defined in the bills to include coal ash ponds or landfills, within the Chesapeake Bay watershed. The legislation will clean up four sites in Chesapeake City and the counties of Prince William, Chesterfield, and Fluvanna by moving coal ash to lined landfills on site or recycled in a safe manner.

The bills signed by Governor Northam include the major components of legislation introduced on his behalf by Senator Scott Surovell and Delegate Jennifer Carroll Foy, such as a ban on so-called "cap-in-place" closure of the unlined ponds and a requirement to recycle at least 25 percent of the ash into encapsulated beneficial uses. Concerns about using "cap-in place," an approved, but potentially inadequate closure method led the General Assembly to impose a moratorium on closure the last two years while alternatives were explored.

"The potential risks to public health and water quality posed by unlined coal ash ponds in the Commonwealth are far too great for us to continue with business as usual," said **Governor Northam**. "This historic, bipartisan effort sets a standard for what we can achieve when we work together, across party lines, in the best interest of all Virginians. I am proud to sign this legislation into law."

"Throughout last year we worked hard in a bipartisan manner to develop legislation that you see today to once and for good resolve the issue of coal ash and its permanent disposal," said **Senator Frank Wagner**. "I'm glad to see that all this work has resulted in a permanent solution to Virginia's coal ash issues."

"I was pleased to see that the General Assembly, the Governor, House, Senate and Dominion were able to all come together and come up with a great solution for the coal ash ponds, and in my opinion for the betterment of everyone," said **Delegate Riley Ingram**.

"I am proud of what we have achieved by bringing together the many stakeholders facing serious threats from unlined coal ash ponds," said **Secretary of Natural Resources Matthew J. Strickler**. "Clean closure of these sites will reduce the likelihood of a massive spill that could devastate tributaries to the Chesapeake Bay, and remove the possibility of contaminated groundwater."

"This bipartisan agreement will guarantee the safety of our environment and waterways while responsibly cleaning up the coal ash," said **House Speaker Kirk Cox**. "The most important thing for the Chesterfield community was to minimize truck traffic, and I'm pleased at the strong measures included in this legislation to keep trucks off roads in and around nearby neighborhoods."

"I am pleased that the Governor worked with the environmental community, the industry and key legislators to reach a solution that best addresses the need to keep our air, soil and water safe and protects the residents who live near these coal ash ponds," said **Senator Rosalyn R. Dance**.

"At town halls and meetings with my constituents, I promised that I would fight for legislation to recycle coal ash into concrete and other materials and to excavate and remove the remainder of coal ash to lined landfills because it was the most effective way to protect public health and the environment," said **Delegate Jennifer Carroll Foy**. "I am proud that all of our bipartisan hard work has fulfilled this promise and resulted in comprehensive, impactful legislation to clean up toxic coal ash throughout Virginia."

"I think this represents the first time Virginia has adopted environmental regulations that are more protective of the environment than federal law," said **Senator Scott Surovell**. "This represents an important step forward for environmental protections in Virginia."

"I'm excited that the Governor is signing what I've worked tirelessly on for four years with Senator Surovell; legislation for the people of Virginia, my constituents of Chesterfield, holding Dominion Energy responsible for the coal-ash piles affecting our environment, our

**2019 Legislation PCAV Supported Signed into Law**

## Governor Northam Announces Amendments to Fund \$2 Billion I-81 Improvement Plan

### Amendments identify dedicated revenue to make I-81 and all Virginia interstates safer and more reliable

**SALEM**—Governor Ralph Northam today announced amendments to Senate Bill 1716 and House Bill 2718, legislation passed by the General Assembly providing \$151 million in dedicated funding for the Interstate 81 Corridor Improvement Plan. The amendments would ensure that the \$2 billion program approved by the Commonwealth Transportation Board (CTB) in December 2018 is implemented, while also generating critical revenue for interstates across the Commonwealth.

The amendments create equity in transportation funding by bringing Virginia's truck registration fees, and diesel and road tax rates more in line with those of the other states along the 855-mile I-81 corridor. The funding mechanisms also include a 2.1 percent increase in the regional motor fuels tax along the I-81 corridor, ensuring all users contribute to funding I-81.

These amendments establish dedicated funding for I-81 and Virginia's other interstates, including I-95, I-64, and the Northern Virginia Transportation Authority (NVTA). While \$151 million will be invested in I-81, I-95 will receive \$40 million, I-64 will receive \$28 million, \$20 million will go to the NVTA, and \$43 million is reserved for investment in other interstates as prioritized by the CTB.

"This year I worked closely with Democratic and Republican legislators to reach a long-term agreement that would address the critical safety and reliability issues along the I-81 corridor and make historic investments in the economic competitiveness of this vital region of the Commonwealth," **said Governor Northam**. "We can't wait another year to find a solution—I am pleased to offer amendments that will establish dedicated funding sources to support improvements that will lead to a major reduction in crashes and travel delays."

Senate Bill 1716, introduced by Senators Mark Obenshain and Bill Carrico, and House Bill 2718, introduced by Delegates Steve Landes and Terry Austin, contained a governance structure, an Interstate 81 Corridor Improvement Fund, and toll financing, but the funding was not included in the version of the bill sent to the Governor.

"Interstate 81 is a critical element of Virginia's transportation network," **said Secretary of Transportation Shannon Valentine**. "The urgency surrounding I-81 has created the opportunity to establish dedicated funding for capital and operational investments in I-81 promoting safety, economic growth, and investment for all Virginians."

The 325 miles of Interstate 81 (I-81) that run through western and Southwest Virginia connect five metropolitan areas and 30 institutions of higher learning and serve as a significant corridor for carrying more than \$300 billion in commerce and goods. While both the vehicle miles traveled on I-81 in this region have increased significantly over the years, the corridor has remained largely unchanged and improvements to the interstate underfunded.

"Fixing long-standing issues with I-81 is a top priority to me and my constituents who use this road every day," **said Senator Bill Carrico**. "Finding a funding mechanism to support improvements that will make Interstate 81 safer is our common goal. With almost 50 percent of all Virginia goods being transported on the hundreds of miles of I-81, and 11 million trucks per year traveling this interstate, we need to work towards crucial improvements as soon as possible to make travel safer for the public."

"I'm glad the Governor is initiating a start at fixing I-81 without further delay," **said Senator John S. Edwards**. "The problems with I-81 are more than inconvenient and effect the economy of the entire Commonwealth."

"This is a rare opportunity for the Roanoke and New River Valley regions to get the dedicated funding for Interstate 81 that we deserve," **said Delegate Chris Hurst**. "This plan will also help fund transportation projects around the Commonwealth and should be seen as a major investment in critical infrastructure for everyone's benefit."

"One of my top priorities for the 2019 General Assembly session was to support positive solutions to the dilemma of I-81," **said Delegate Tony Wilt**. "Through further engagement with the Administration and stakeholders, I am pleased to see a bipartisan effort to improve I-81 come before us. My family business is part of the trucking industry. While this funding plan will certainly pose additional costs to our business, there is absolutely a cost to all citizens and businesses along the corridor if we continue to do nothing. This plan is a more equitable approach than some previously considered and will fund improvements that result in more efficient traffic flow and a decrease in the terrible loss of life so many families have had to endure."

A survey by the Virginia Transportation Construction Alliance last December found that area residents were looking for immediate action on the safety and reliability issues along the corridor. This amendment responds to the call for action by legislators, residents of the communities surrounding the I-81 corridor, and businesses to address the needs of I-81 and all of Virginia's interstate highway corridors. The Interstate 81 Corridor Improvement Plan identified top problem areas and prioritized potential solutions based on public input. It

### PCAV Annual Golf Tournament - April 24, 2019

22 PCAV golfers hit the Meadowcreek Golf Course and after several years of not the most ideal weather (2017 was a total washout and 2018 saw a high of 37 degrees!) we finally had a perfect golf weather kind of day!

The day began with networking during time at the driving range. Golfers got underway at 11:00 a.m. with a boxed lunch in hand. PCAV played Captain's Choice with 11 teams of two players. Upon completion of all 18, players met on the patio for some light appetizers before returning to the Omni for the evening reception and dinner. A great day was had by all!

The team with the lowest overall score was the winner of the 1st flight and the team with the 6th lowest score was the winner of the 2nd flight. Trophies and prizes were given out during the evening reception and dinner was held at the Charlottesville Omni. Photos of the winners are featured on pages 9 and 10.



**PCAV Annual Meeting Reception and Golf Awards**



**Closest to the Pin:  
Kelly Holloman**



**Longest Drive:  
Kristy Scales**



**Longest Putt:  
Michael Vander  
Werff**



**2nd Flight - 1st Place Winners - Ed Page,  
Concrete Pipe & Precast and Tommy Harreld,  
M.A. Industries**

**PCAV Annual Meeting Reception & Golf Awards - April 24, 2019**



**1st Flight - 1st Place Winners:  
Kelly Holloman - Nansemond Precast  
Gary Figallo - Faddis Concrete Products**

**TOURNAMENT RESULTS:**

**Winner - 1st Flight**

Kelly Holloman  
Nansemond Precast  
&  
Gus Figallo  
Faddis

**Winner - 2nd Flight**

Ed Page  
Concrete Pipe & Precast  
&  
Tommy Harreld  
M.A. Industries

**CONTEST RESULTS:**

**Closest to the Pin:**

Kelly Holloman  
Nansemond Precast

**Longest Drive:**

Kristy Scales  
DeltaEAS

**Longest Putt:**

Michael Vander Werff  
DeltaEAS

**PCAV Annual Golf Tournament - Thank You Sponsors!**



**PCAV'S ANNUAL GOLF TOURNAMENT**



**HOLE SPONSORS:**



**SPECIALTY HOLE:**

**GOLF PRIZE SPONSOR:**



**M. A. INDUSTRIES, INC.**



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## PCAV Annual Meeting - April 25th, 2019

Following the well attended Annual Reception and Banquet, the morning of April 25th, 2019 was kicked off with a Board Meeting to elect new officers and directors (see page 20 for a complete listing). Four guest speakers addressed the PCAV Producer and Associate member attendees as well as the many guests from VDOT. At the conclusion of the presentations, Ed Page of Concrete Pipe and Precast, President of the PCAV, adjourned the meeting with an invitation for the attendees to join him for a luncheon before departing for home. We will see everyone April 22-23, 2020 in Charlottesville for the 2020 Annual Meeting.

### “Today’s Political Environment”



Daniel Palazzolo, Ph.D., is Professor of Political Science and the Associate Dean of the Department of Political Science at the University of Richmond. He teaches courses on: American government, Campaigns and Elections, Legislative Process, and Public Policy. His current research examines

coalition building in Congress in an era of partisan polarization. How much potential actually exists for bipartisanship or other forms of cooperation across party lines in the partisan environment? Why do some issues still cut across party lines or fail to evoke partisan divisions even in this time of intense polarization?

Dr. Palazzolo received his BA from Trinity College, his MA from University of Houston, and a Ph.D. from the University of Virginia

### “I-81 Corridor Coalition Update”



Andy Alden serves as the Executive Director of the Interstate 81 Corridor Coalition (I-81CC) and leads the Eco-Transportation and Alternative Systems Research Group at the Virginia Tech Transportation Institute (VTTI). The I-81CC is a consortium of stakeholders dedicated to improving the safety, continuity and efficiency of commercial and personal travel along the I-81 corridor that extends from Tennessee to the Canadian board in New York.

He is a registered professional engineer who has worked in the environmental and information technology fields, as well as the development and deployment of vehicle data acquisition systems. His current focus is advancing safe and sustainable transportation through the application of emerging and alternative technologies. He received his M.S. in Civil Engineering from Texas A&M University.

He is a registered professional engineer who has worked in the environmental and information technology fields, as well as the development and deployment of vehicle data acquisition systems. His current focus is advancing safe and sustainable transportation through the application of emerging and alternative technologies. He received his M.S. in Civil Engineering from Texas A&M University.

### “VDOT Staunton District Bridge Program”



The Staunton District Bridge Section is responsible for 3500 structures: approximately 2200 bridges (45% concrete) and 1300 culverts (85% concrete). Building on a history of innovation and preservation, more than 96% of Staunton District’s bridge

inventory is not structurally deficient. His mission is to pursue best practices in support of sustainable bridge infrastructure is crucial.

Mr. Rex Pearce is the Staunton District Bridge Engineer for VDOT and carries over thirty years of professional engineering experience managing, designing and inspecting major transportation projects involving bridges, highways, tunnels and airfield construction, maintenance, rehabilitation, condition evaluation and program delivery. He received his B.S. in Civil Engineering from Virginia Tech and is a Navy Veteran.

### “Precast Concrete in Winemaking”



In the United States there have predominantly been two vessels for fermenting and aging wine: stainless steel and oak. In recent years, influential wineries have been experimenting with precast concrete tanks. Concrete has

a long history of use in European wineries particularly across France in the Rhone Valley, Burgundy, and Bandol. Those producers in the concrete vanguard feel it occupies a sweet spot between oak and steel by allowing gradual oxygenation of the wine similar to oak but without the oak flavor.

Stinson Vineyards is a family-owned estate winery in Crozet specializing in small lot wines with a distinct French influence. The father/daughter team of Scott and Rachel Stinson Vrooman were joined by Rachel’s husband Nathan Vrooman in 2015. The wines of Stinson Vineyards are enjoying growing critical acclaim and the winery is a destination for fine wines and stunning views.

PCAV Annual Meeting Who's Who - April 24-25, 2019
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**ACPA**

Trygve Hoff

**A-LOK**

Bud Dallas

**Boral Material Technologies**

Darrell Wilson

**Capitol Foundry**

David Poole

**CONAC**

Tony Chinn

**Concrete Pipe & Precast**

John Blankenship  
 Scott Crumpler  
 Gene Drake  
 Hank Gottschalk  
 Ed Page  
 Ed Plucinski

**Delta - EAS**

Kristy Scales  
 Michael Vander Werff

**EJ USA**

Lars Halvorsen

**Faddis Concrete Products**

Mark Phillips  
 Gary Figallo

**Fullerton & Knowles**

John Purdy

**Hamilton Kent**

Marcus Barnett

**Insteel Wire Products**

Shane Presley

**JEPSCO Sales**

Ed Pennypacker  
 Carol Pennypacker

**M.A. Industries**

Nick Talley  
 Tommy Harrel

**Martin Marietta**

Ben Steele

**Nansemond**

Brandon McConnell  
 Kelly Holloman

**Neenah Foundry**

Kevin Keaton

**Oldcastle Precast**

Greg Ouimette  
 Steve Wilcox  
 Frank Sisk

**Permatile**

Mimi Coles  
 John Rainero

**Rinker Materials**

Randy McClure  
 Aimee Connerton  
 Bruce Spatz  
 John Susong

**SEFA Group**

Hank Keiper

**Smith Midland**

Ashley Smith  
 Matthew Smith

**Trelleborg Pipe Seals**

Michael Durkin

**US Foundry**

John Wellenhofer

**Winchester Precast**

Wick McNeely

**VDOT**

Larry Hedgepeth  
 Andy Babish  
 Prasad Nallapaneni  
 Karl Larson  
 Keith Williams  
 Laura Hisey  
 Wansoo Kim  
 Celik Ozyildirim  
 Mary Sharifiasl  
 Bernie Kasner

**Speakers**

Andy Alden  
 Daniel Palazzolo, Ph.D.  
 Rex L Pearce, P.E.  
 Rachel Stinson-Vrooman

**PCAV**

Vanessa Patterson  
 Teresa Allen



**SINCERE APPRECIATION FOR THE PCAV'S  
2019 ANNUAL MEETING SPONSORS**

**APRIL 24TH RECEPTION SPONSOR:**



**APRIL 24TH DINNER SPONSORS:**



**APRIL 25TH LUNCH SPONSORS:**



**GENERAL MEETING SPONSORS:**



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## PRECAST CONCRETE ASSOCIATION of VIRGINIA

2019 Annual Training Day

8:30 a.m. - 3:30 p.m.

Richmond, Virginia - Wednesday, September 25th, 2019

Tuckahoe Woman's Club

4215 Dover Rd., Richmond, VA 23221

(6 PDH Credits)

### 8:30 A.M. – 9:00A.M. - REGISTRATION

### 9:00 A.M. – 10:00 A.M. - PROPER PIPE INSTALLATION - A Refresher

Presented by Concrete Pipe & Precast

Beginning with the fundamentals of buried pipeline installation, this session will provide a brief overview of the critical aspects required to achieve a long lasting buried pipeline system. Topics include basic pipe and soil concepts, emphasis on pipeline as a soil/pipe system, trench considerations, foundations, pipe bedding, laying pipe sections, embedment, backfill, and end connections.

### 10:00 A.M. – 11:30 A.M. - ACCELERATED PRECAST CONSTRUCTION

Presented by Concrete Pipe & Precast,  
Permatile Concrete Products, and  
Rinker Materials

This presentation will highlight the advantages of Precast Technology for Virginia projects and include some design elements and options for box culverts and end-treatments.

### 11:30 A.M. – 12:00 P.M. - TECHNICAL POSTER SESSION I

Presented by ACPA

Imagine capturing the key points of a speaker's presentation in 5 minutes, then being able to ask that speaker a few questions you might not ask in a classroom. The Technical Poster Session brings professionals from DOT, Public Works, and PCAV member companies together for a sharing of best practices and success stories. Come hear their presentation, you may learn something that helps shape a new strategy.

### 12:00 P.M. – 1:00 P.M. - LUNCH PRESENTATION - DELAWARE DOT

Presented by Craig Stevens

The course will then illustrate and define the different types of failures we have seen with regards to our CMP inventory. After discussing the issue, this course will demonstrate how DelDOT tackled the issues with the hundreds of failing CMPs. The course will show how we changed policies in Bridge Design Manual and our Bridge Inspection Manual such that the issue will not occur again in the future. Lastly, it will outline the different contracting methods and construction methods we employed to replace the failing CMPs.

### 1:00 P.M. – 2:00 P.M. - LOAD RATING

Presented by ACPA

According to FHWA, the intent of the load rating and posting provisions of the National Bridge Inspection Standards is to insure that all bridges are appropriately evaluated to determine their safe live load carrying capacity, and that bridges are appropriately posted if required, in accordance with the AASHTO Manual for Bridge Evaluation. This course will look broadly at the rules of load rating structures, with a specific focus on culverts and the national/state requirements for load rating round structures.

### 2:00 P.M. – 2:30 P.M. - TECHNICAL POSTER SESSION II

Presented by ACPA

Based on feedback from the past two years of Annual Training Days, a second poster session has been added to the 2019 Training Day allowing for more personal interaction between PCAV member companies and attendees.

### 2:30 P.M. – 3:30 P.M. - FLY ASH - Why should you care?

Presented by The SEFA Group

Fly ash is an important recycled supplementary cementitious material (SCM) used in concrete mixtures for several reasons. Not only does it improve the properties of freshly mixed concrete, it provides an important defense against durability problems like reinforcing steel corrosion, sulfate attack, and alkalisilica reactivity (ASR) while diverting an industrial waste to beneficial use. As we burn less and less coal to make electricity, the quantity of fly ash suitable for concrete continues to dwindle in our region. The landmark coal ash legislation passed in the 2019 General Assembly session will affect not only the supply of fly ash, but also the cost of electricity for our homes and businesses as well as our stewardship of a healthy environment.

***“DEDICATED TO THE GROWTH OF THE PRECAST CONCRETE INDUSTRY”***

## Virginia's Concrete Pipe and Precast Week 2019 - August 18-24



The Precast Concrete Association of Virginia and the American Concrete Pipe Association is celebrating Concrete Pipe and Precast Week from August 19 – 24, 2019 by requesting Virginia's Governor Ralph Northam recognize Concrete Pipe and Precast Week across the Commonwealth through official Proclamation.

During the week, precast producers host plant tours, hold employee appreciation events and engage elected officials about product quality, performance and resilience. The Proclamation reinforces the indisputable contributions that producers, their employees and their customers make to the Virginia economy and environment.

Let's work to make Concrete Pipe Week 2019 the best ever!

Contact [Walt Catlett](#) if you need help in organizing an event.



## PCAV Members in the News!

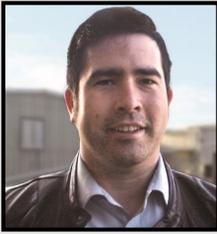
**PERMATILE**  
CONCRETE PRODUCTS COMPANY



Mitchell Rainero, Vice President of Production at Permatile Concrete Products Company was recognized at The Precast Show 2019 for completing the NPCA Precast University curriculum to earn his Master Precaster designation.

Offered as part of NPCA's Precast University, the Master Precaster certificate program includes precast and prestress-specific training with comprehensive education courses for production, safety, technical, quality control and leadership. Developed in conjunction with industry experts, producers, Departments of Transportation and academia, the Precast University curriculum is a perfect complement to employees new to the industry needing a broad knowledge base, and to those employees with precast or prestress experience who want to take the next step in their careers.

**SMITH-MIDLAND**  
EXCELLENCE IN PRECAST CONCRETE



### **NPCA Leadership Academy Selects Another Smith-Midland Candidate**

For the third year in a row a Smith-Midland associate has been accepted in the National Precast Association Leadership Academy. Alex Burkhart, Associate Project Manager at the Virginia plant, will participate in the yearlong training process; sharpening management skills, building industry association experience and networking abilities.

The program is designed to creating future leaders in our industry. A Smith-Midland associate has now been selected in the elite group all 3 years of its existence. Past alumni include Pattie McGinnis and Alan Pritchard. This year's class will also include Chris Reese, Senior Engineer from Smith-Midland sister company, Easi-Set Worldwide.

### **Second Smith-Midland Associate completes elite NPCA Leadership Academy**

Congratulations to Alan Pritchard, Smith-Midland's Plant Manager for his graduation from the National Precast Association Leadership Academy. A year-long training process, Leadership NPCA selected just 9 precast professionals from across North American to participate in multiple sessions designed to sharpen their management training, industry association experience and networking abilities, creating future leaders in our industry.

Alan's training launched with an intensive session in at The 2018 Precast Show in Denver, and continued over 12 months with multiple conference calls, two-day boot camps, group meetings at the fall conference in Providence, RI, and then culminating with final meetings and graduation at The 2019 Precast Show this past week in Louisville, KY.



## PCAV Members in the News

### WELCOME NEW PCAV ASSOCIATE MEMBER!

# BarChip Inc.

The Synthetic Fibre Experts  
Our Vision is Simple.

**“Revolutionise the World of Concrete Reinforcement”**

Address: 401 E. South Main Street  
Waxham, NC 28173  
Phone: 704.843.8401  
Fax: 704.843.0871

PCAV Representative: Patrick Lowandowski  
Email address: naadmin@barchip.com



### Smith-Midland achieves Gold Status in ABC Safety Award program

Associated Builders and Contractors, Inc. (ABC) awarded Smith-Midland Corporation with the prestigious Gold Level of Achievement Safety Training and Evaluation Process (STEP) Award for 2018. The STEP Awards recognize companies for their meritorious safety performance in a given year. The award winners are determined using safety factor calculations that incorporate data from Occupational Health and Safety Administration (OSHA) reports and require companies to have extensive programs covering personnel training, on-the-job performance, documentation and evaluations.

The STEP awards are based on 20 key elements of a contractor's safety program that includes safety policies, employee commitment and training, management commitment and budgeting.

STEP was established in 1989 by the ABC National Environment, Health & Safety Committee to assist ABC members in evaluating and improving corporate safety practices and to recognize outstanding safety training efforts. Each year, over 2,000 contractors of various sizes participate in the STEP program.

To achieve the Gold Level, Smith-Midland had to meet the following criteria: Minimum Gold Level Standard on 20 Key Components; Incidence rate equal to or below the national BLS average for applicant's NAICS code; and submittal of an OSHA Form 300A for verification.



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Permatile Concrete Products Co.	Bristol	Virginia	276-669-5332
Rinker Materials	Frederick	Maryland	301-698-7373
Smith-Midland Corporation	Midland	Virginia	540-439-3266
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ASH Venture, LLC	Roanoke	Virginia	888-477-6274
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Boral Material Technologies	Reidsville	North Carolina	336-210-7435
Capitol Foundry of Virginia, Inc.	Virginia Beach	Virginia	757-427-9431
CONAC (Concrete Accessories, Inc.)	Duluth	Georgia	770-471-1110
Concrete Sealants, Inc.	Tipp City	Ohio	610-948-7867
Delta Engineers, Architects, & Land Surveyors	Endwell	New York	607-231-6613
EJ USA, Inc.	Richmond	Virginia	804-387-5971
Engineered Wire Products, Inc.	Upper Sandusky	Ohio	419-294-3817
Fullerton & Knowles, P.C.	Clifton	Virginia	703-818-2600
Giant Cement Company	Summerville	South Carolina	843-851-9898
Haarup North America Inc.	Portland	Oregon	503-954-1718
Hamilton Kent , LLC	Lexington	Kentucky	859-553-0849
Insteel Wire Products	Mount Airy	North Carolina	800-334-9504
Lehigh Cement Co.	Union Bridge	Maryland	800-462-9071
M.A. Industries, Inc.	Peachtree City	Georgia	800-241-8250
Martin Marietta Aggregates	Midlothian	Virginia	804-674-9517
Neenah Foundry	Neenah	Wisconsin	804-350-6911
Press-Seal Corporation	Ft. Wayne	Indiana	260-436-0521
Roanoke Cement Co.	Roanoke	Virginia	800.375.9999
SteelCON Supply Co.	Beckley	West Virginia	304-255-1416
Swope & Associates, Inc.	Charles City	Virginia	804-829-5551
The SEFA Group	Lexington	South Carolina	803-520-9000
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## 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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*"Dedicated to the Growth of the Precast Concrete Industry"*