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HardFacts

Newsletter - Spring 2021

PCAV President's Message



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

The past year has certainly been unusual, interesting and challenging. I'd first like to thank Vanessa Patterson for tirelessly keeping up with the latest decrees and current events in our government. Who among us would have guessed that our Governor and ruling officials would have so much to say when we could go to work, who we could associate with and at what distance?

I believe that during this difficult time each of us in the precast concrete industry and the companies we represent have responded in the most excellent way. We have kept up with the demands as a vital industry during a time when transportation, labor, supplies of fuel and raw materials created challenges for us. These issues are not small individually, but combined over an extended period of time, take their toll. The useful products we produce from one of the most resilient materials on earth helped to create a path through the recent troublesome times. I believe when our government officials look back on this time they will conclude that improving our infrastructure was the right thing to do during a pandemic, especially using precast concrete technology and resources. Let's keep up the momentum!

Blessings,
Ed

Executive Director's Report

On Sunday May 23rd, 2021, I, along with many Americans, watched Phil Mickelson win the PGA Championship at the Ocean Course on beautiful Kiawah Island. At the age of 51, Mickelson became the oldest player to win the Championship. Noticeably different from 2020, were the crowds, a welcome sight after fifteen months of mostly spectator-less sporting events. When Mickelson sunk the winning putt on the 18th hole, the crowds jubilant reaction sent chills down my spine. It was as if a nation collectively celebrated a joyous win and let out a years worth of pent up captivity, restrictions, ever-changing rules, and distance from friends and family.



**Vanessa Patterson
Executive Director,
PCAV**

On May 3rd, the Precast Concrete Association of Virginia gathered in Richmond, Virginia for a two-day members only meeting. I was surprised by the overwhelming feelings of relief and joy I felt seeing everyone again in person. After fifteen months of only seeing each other on a computer screen, the positivity in the room was palpable. The two days together left all excited for what, in the bigger picture, seemed to be the beginning of getting all of our lives back to normal. (cont.)

"Dedicated to the Growth of the Precast Concrete Industry"

Executive Director's Report - Con't.

The PCAV started 2021 with a virtual Joint Meeting with our VDOT partners in January. The PCAV Board convened multiple times to assess the situation in Virginia. After surveying PCAV membership, in late March it was looking more and more likely that gathering limits would continue increasing as case numbers, hospitalizations and deaths were declining. Most PCAV members became eligible for vaccinations in February as they were essential manufacturers and fell into the second priority group 1B for the state. It was determined there was enough interest in an in-person members only annual conference and planning began.

The PCAV almost doubled the number of attendees the board had determined was necessary to host an in-person two-day meeting. Please see pages 4-10 for pictures and details of our meeting. I know I'll be looking forward to seeing everyone again on September 21, 2021 and hope as things have opened back up and all limits have been lifted, our industry partners will be able to join us.

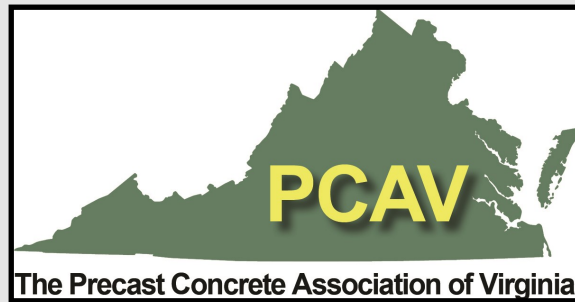
While in-person was not a possibility for many months, that certainly didn't mean there was much idle time. The January through March General Assembly Session was busy with legislation to oppose and to support. The "virtual" session was an experience I hope to never have again. Committee Chairs and bill patrons determined who could speak for or against the bill. You could be in a "waiting" room for hours just to have a committee chair cut off testimony. The good news is the Pocahontas Building will again open to the public in July and the CDC guidelines for vaccinations will be in effect allowing the public to yet again take part in the process. Governor Northam has called an Emergency Session to begin August 2nd for the legislature to address the funding priorities for the additional money the state received after Joe Biden took office. I will be monitoring the emergency session and working closely with my colleagues in the Coalition for a Strong Virginia Economy to address any issues that may arise.

On June 29th the Department of Labor and Industry's Safety and Health Codes Board met to review the Permanent Standard for COVID-19 that was sorely out of alignment with not only the most recent guidance from the CDC but out of step with Governor Northam's revisions to Executive Order 72 and his Executive Order 79 which ended all capacity limits, social distancing, and masks for fully vaccinated people on May 28th. The Permanent Standard for COVID-19 in Virginia does not have any language that allows businesses to follow the CDC guidelines or the Governor's latest Executive Orders which means that VOSH could still fine businesses not in compliance with the Standard even if they are following CDC guidelines and are in compliance with Executive Orders. This has led to much confusion for Virginia's businesses. OSHA has just published their Standard for COVID-19 and it only addresses those in the healthcare industry. The Coalition for a Strong Virginia Economy, of which the PCAV is a part, testified during the meeting. The Standard has been amended and will now go through a 30-day public comment process before a final vote for adoption. Governor Northam's State of Emergency expired on June 30th, making wearing a mask illegal in the state of Virginia. With the General Assembly not in session again until August to address this in some way, we must hope that common sense prevails.

Virginia elections will be held on Tuesday November 2nd. Statewide offices of Governor, Lieutenant Governor and Attorney General will all be decided and all 100 delegates are also up for election. In Virginia, delegates hold office for only two year terms, while state senators hold office for four years. In November of 2023, the entire General Assembly will be up for election. We are hoping for an opportunity to have a forum in which PCAV members will be able to ask the statewide candidates questions and learn their positions on key issues of interest to our industry as well as to business policies in general. The Coalition for a Strong Virginia Economy is coordinating these forum opportunities.

Several months of warm weather are ahead of us as the busiest part of the year ramps into full gear. I hope you all are able to enjoy the summer of 2021 with friends and family both near and far. Here's to moving forward and leaving the past year in the rearview mirror!

Best,
Vanessa



The PCAV's 2020 Upcoming Calendar Events:

August 16-22, 2021 - Virginia's Concrete Pipe and Precast Week

September 21, 2021 - PCAV/VDOT Joint Meeting - Richmond, Virginia.

Fall 2021 Webinar Series - Dates TBD



The PCAV is Proud to Sponsor VTCA-VDOT District Dialogues:

Spring 2021 VTCA-VDOT District Dialogues

<u>February 25th</u> -	Culpeper	8:30 a.m. - 12:00 p.m.
<u>February 25th</u> -	Fredericksburg	1:30 p.m. - 5:00 p.m.
<u>March 10th</u> -	Lynchburg	8:30 a.m. - 12:00 p.m.
<u>March 10th</u> -	Salem	1:30 p.m. - 5:00 p.m.
<u>May 5th</u> -	Bristol	8:30 a.m. - 12:00 p.m.
<u>May 5th</u> -	Richmond	1:30 a.m. - 5:00 p.m.

"Dedicated to the Growth of the Precast Concrete Industry"

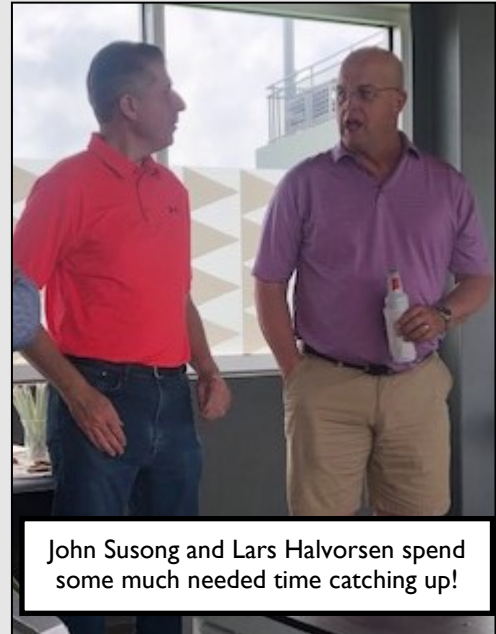
PCAV Members Only Meeting - Drive Shack Outing!

There was no doubt PCAV members were anxious to see each other in person again after 15 months of virtual only meetings. After careful consideration, the PCAV approved a members only meeting to take place Monday May 3rd and Tuesday May 4th.

Determined to make the most of the time together, the PCAV added a social networking event to kick off the two days. Everyone met at Drive Shack in Richmond for lunch and some golf games. A great time was had by all!



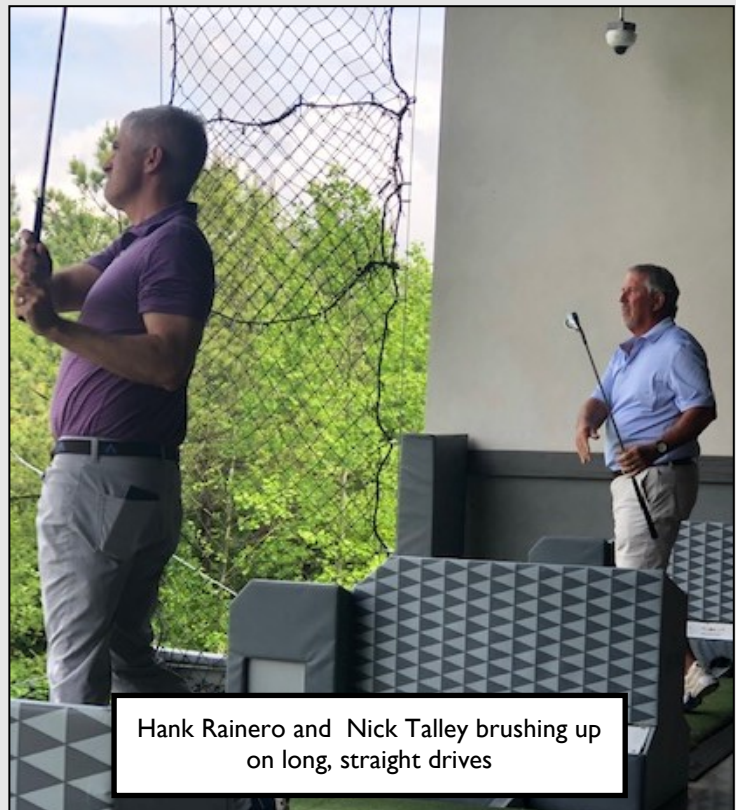
Everyone watching the screen to see where the shot landed



John Susong and Lars Halvorsen spend some much needed time catching up!



Frank Sisk watching the TV screen to see where his ball landed



Hank Rainero and Nick Talley brushing up on long, straight drives

May 3rd Cocktail Reception and PCAV Dinner

At 6:30 p.m. Monday May 3rd, PCAV Members gathered at Richmond Country Club in Goochland Virginia for an evening of networking and comraderie. The evening began with cocktails and hors d'oeuvres followed by a sit-down dinner and dessert. Those who were unable to join the Drive Shack outing were excited to catch up with their PCAV friends.



Hank Gottschalk, Lars Halvorsen Aimee Connerton, Gene Drake, John Susong and Marcus Barnett catch up during the reception



Mimi Coles, Lars Halvorsen Ben Steele, Ed Plucinski and many others enjoyed catching up during the reception

PCAV Members Annual Meeting - May 4, 2021

After an evening of socially reconnecting, the PCAV gathered on the morning of Tuesday May 4th and started the day with breakfast and a board meeting. At 9:00 a.m. the general meeting began. Fred Grubbe of the National Precast Concrete Association kicked off the day by joining us virtually to update our membership on the activities happening with the national organization. Vanessa Patterson, Executive Director of the PCAV gave a report updating membership on a wide variety of state issues on which she was currently working on their behalf to insure a positive outcome.

Members were invited to participate in a "Minute at the Mic" to update fellow members on news from their individual companies. After a mid-morning break, Gordon Dixon, Executive Vice President of the Virginia Transportation Construction Alliance (VTCA) reviewed winter and early spring activity in the transportation world. To conclude the meeting, Robb Bohannon, Director Government Affairs with Hunton Andrews Kurth, reviewed 2021 legislation and previewed the November 2nd elections.



Scott Crumpler, Lars Halvorsen, Marcus Barnett and Tony Chinn starting the day together



John Blankenship and Matt Tomkinson chat before the day gets started



Nick Talley, John Rainero and Hank Rainero



Hank Gottschalk, Tryg Hoff and Jason Swoap engaged in conversation

2021 PCAV Annual Meeting



Hank Keiper having a "Minute at the Mic"



Robb Bohannon and Gordon Dixon



Frank Sisk, Vanessa Patterson, guest speaker Robb Bohannon, Ed Page and Aimee Connerton post meeting

The PCAV Speakers Provided Key Updates to Annual Meeting Attendees**Frederick Grubbe, MBA, CAE - “NPCA Update”**

Fred serves as President of the National Precast Concrete Association. He leads the staff, programs and activities with the number one goal of member satisfaction. He assists in the development of the NPCA’s strategic plan and serves not only as an ex-officio member of the Board of Directors but as president of the NPCA Foundation.

Fred has more than 25 years of non-profit executive leadership experience in government, foundations and associations. In addition, he has held senior positions with the U.S. Department of Transportation and in the White House.

Fred has his BA from Northern Illinois University, an MBA from the Loyola University Chicago Quinlan School of Business and completed an advanced strategy certificate course at the University of Chicago Booth School of Business. Fred is an accomplished jazz saxophonist of over 40 years and actively fundraises for his high school alma mater.

**Gordon Dixon - “VTCA Update & Construction Coalition”**

Gordon joined the Virginia Transportation Construction Alliance (VTCA) in June 2020 as the Executive Vice President. Gordon brings 20 years of experience in state government, government affairs, and association management to VTCA. He has worked as the Virginia State Director of the National Association of Independent Business, Corporate Affairs Manager for Altria; and Agency Director for the Virginia Department of Professional and Occupational Regulation (DPOR). Prior to joining the VTCA Gordon served as CEO of Associated General Contractors of Virginia.

This past legislative session, beginning in December 2020, Gordon led the effort to organize 10+ construction related associations to join forces to form a Construction Coalition. Regional, statewide, heavy, utility, horizontal, vertical, residential, and commercial construction associations met regularly to strategize legislative positions with one strong voice.

**Robb Bohannon - “General Assembly Wrap-Up & Virginia’s Election November 2021 ”**

Robb is a Director of Government Affairs for Hunton Andrews Kurth. He joined HuntonAK in 2014, bringing over 10 years of experience representing trade associations.

Robb and PCAV Executive Director, Vanessa Patterson, have been working together during the General Assembly session since 2017. In 2021, despite the overwhelming challenges of a virtual session, his team communicated the industry’s support of SBI 350, Resiliency in Transportation. Robb has also been instrumental in championing the heavy construction position during repeated attempts to redefine small business in a way that would harm SWaM members, the Commonwealth and industry.

Robb and his team worked hard during the 2021 session. The team planned well coordinated questions to key legislators fed via text during committee meetings that communicated our key talking points. Robb is a proud alum of Virginia Tech.

PCAV Annual Meeting's Who's Who**ACPA**

Tryg Hoff

CONAC

Tony Chinn

**Concrete Pipe
& Precast**

John Blankenship

Scott Crumpler

Gene Drake

Paul Gallant

Hank Gottschalk

Ed Page

Ed Plucinski

Jason Swoap

EJ

Lars Halvorsen

Faddis

Mark Phillips

Hamilton Kent

Marcus Barnett

JEPCO Sales

Ed Pennypacker

M.A. Industries

Nick Talley

Martin Marietta

Ben Steele

Nansemond

Brandon McConnell

Tony Viola

Neenah Foundry

Kevin Keaton

Oldcastle Precast

Frank Sisk

Permatile

Mimi Coles

John Rainero

Hank Rainero

Press-Seal Corporation

Matt Tomkinson

Rinker Materials

Aimee Connerton

John Susong

Mark Brennan

Roanoke Cement

Mike Zito

Smith Midland

Matthew Smith

The SEFA Group

Hank Keiper

US Foundry

John Wellenhofer

Speakers

Fred Grubbe

Robb Bohannon

Gordon Dixon

PCAV

Vanessa Patterson

Teresa Allen

Appreciation for PCAV's Annual Meeting Sponsors



SINCERE APPRECIATION FOR THE PCAV'S 2021 MEMBER MEETING SPONSORS

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Dedicated to the Growth of the Precast Concrete Industry

PCAV's Spring 2021 Webinar Series

SPRING 2021 PRECAST CONCRETE AND CONCRETE PIPE TRAINING SERIES

9 PDHs Available

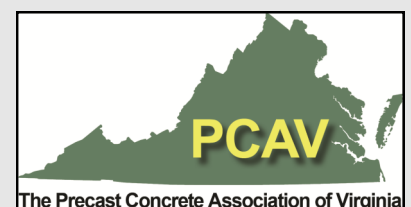
After a successful Fall 2020 series, the education committee, led by Aimee Connerton of Rinker Materials, spent the winter months planning the Spring 2021 Series.

The Central Atlantic Precast Concrete Association (CAPCA), the American Concrete Pipe Association (ACPA) and the Precast Concrete Association of Virginia (PCAV) worked jointly to develop, market, and present the nine week series that began on March 11th and concluded on May 13th. Nine Professional Development Hours (PDHs) were available.

Five different presenters worked to cover a wide range of topics, including ones suggested by the Fall 2020 attendees. Close attention is paid to the surveys completed after each webinar. We analyze the scores given, comments made, and questions asked.

Each week we reached new attendees as regular attendees shared the webinar registrations. DOTs from multiple east coast states, localities across the states, FHWA personnel, engineers from private firms and more joined as viewers.

As we move into the busy summer months, CAPCA, ACPA, and the PCAV will work to develop and Fall 2021 Series. Stay tuned for the dates to be announced shortly!



PCAV Spring 2021 Webinar Series Presenters

Don McNutt, PE - Great Lakes Region Engineer, American Concrete Pipe Association - Don has over 35 years of experience in the precast industry as a quality control manager, production engineer, design engineer, engineering manager and chief operating officer. He holds a Bachelor of Science in Civil Engineering from The University of Cincinnati and is a licensed Professional Engineer in the state of Ohio.



Hank Gottschalk, Technical Marketing Manager Concrete Pipe and Precast - Hank has 32 years of experience in the precast concrete industry. He has his B.S.E.T. Civil Engineering from Old Dominion University and is based in Roanoke, Virginia. Hank has held the role of President of both CAPCA and PCAV over the years and has been an instrumental part of the team developing the virtual training programs over the past year.



Tryg Hoff - Northeast Region Engineer, American Concrete Pipe Association - Tryg matriculated at The Ohio State University and earned his B.S. in Civil Engineering. He is based out of Rochelle, Virginia and represents the ACPA at CAPCA and PCAV meetings and conferences. As a member of the education committee, he has been instrumental in the development and implementation of the platform for our joint training webinars series in 2020. He has 7 years of experience in the world of concrete pipe.



Aimee Connerton, Rinker Materials. Aimee is the Product Resource Specialist for Rinker Materials Concrete Pipe. She has over 20 years experience in the world of concrete pipe and has her B.S. Chemistry from The University of Maryland. She has served in many executive roles, including President, for the Central Atlantic Precast Concrete Association (CAPCA) and is currently the Chair of the Education Committee for the Precast Concrete Association of Virginia (PCAV).



Jason Swoap, Concrete Pipe & Precast. Jason became the Mid-Atlantic Technical Marketing Manager in 2021, after serving as a Project Manager since 2014, working on Precast Structures and Construction Projects, including I-66 and I-395 projects in Northern Virginia. A fan of football and soccer, Jason also enjoys travel experiences with his family particularly cruises to locations including Alaska, St. Lucia, Prague, Vienna and Budapest. He is a graduate of the VCU School of Business.

Spring 2021 Webinar Series**WEEK 1 - MARCH 11th 2021:****Pipe Installation - Concrete or Thermoplastic
What Difference Does it Make?**

TOPIC DESCRIPTION: There are several similarities and then quite a few significant differences in the requirements for proper installation of reinforced concrete pipe and thermoplastic pipe products. Concrete pipe installations are based on ASTM C1479 and thermoplastic pipe installations are based on ASTM D2321. This class will provide a side by side comparison of these two unique specifications.

[Link to watch recorded webinar:](#)

WEEK 2 - MARCH 18th 2021:**BUOYANCY**

TOPIC DESCRIPTION: Every object that is submerged in a liquid will experience buoyant forces. Buried tanks, vaults, manholes, drainage inlets, pipes and culverts are no exception. A review of the potential buoyant forces and their impacts should be a part of each and every design. This session will discuss buoyancy in simple terms that everyone should understand, how they apply to buried infrastructure, and will review specific examples of how to assess and design for buoyancy.

[Link to watch recorded webinar:](#)

WEEK 3 - MARCH 25th 2021:**Pipe Installation and Post Installation Inspection**

TOPIC DESCRIPTION: The class promotes a solid understanding of installation, specifications, design requirements and material differences for pipe systems. Proper pipe installation is key to providing a resilient infrastructure. Empowering you with the ability to properly design, install and accept all pipe systems. Post Installation Inspection (PII) training provides the owner the information needed to determine whether proper installation occurred prior to project close-out or final acceptance.

[Link to watch recorded webinar:](#)



Spring 2021 Webinar Series**WEEK 4 - APRIL 8th 2021:****The “Life” of a Precast Drainage Structure**

TOPIC DESCRIPTION: The presentation will take a look at the entire “life” of a typical precast drainage structure from initial concept and design, through installation and service. Topics will include design, layout, plan review, engineering, sizing, component details, production, inspection, testing, loading and delivery, jobsite transport, handing, field inspection, repair, stake out, installation and backfill. Along the way, various options and choices will be explored through several of the specific steps in the process.

[Link to watch recorded webinar:](#)

WEEK 5 - APRIL 14th 2021:**Pipe and Soil Fundamentals**

TOPIC DESCRIPTION: When designing an underground structure, an engineer must consider the entire system created by combining the properties of both the soil and pipe. Once combined, these individual pieces work together to form the Soil-Pipe system. In this course we will explore the unique characteristics of each part of the system, as well as the function of the overall system once combined. But what happens when we add water? We'll explore that too.

[Link to watch recorded webinar:](#)

WEEK 6 - APRIL 22nd 2021:**Pipe Durability and Longevity**

TOPIC DESCRIPTION: Infrastructure is the foundation on which civilization is built. Pipes and culverts provide drainage for roads and bridges to reduce surface water that can damage surfaces, cause ponding issues, and increases serviceability and longevity. As technology has advanced, pipeline materials have changed throughout the years with multiple pipe materials that have been and are available. Each pipe material through history has been brought to market as an improvement to durability and functionality.

[Link to watch recorded webinar:](#)



Spring 2021 Webinar Series**WEEK 7 - APRIL 29th 2021:****Concrete Solutions**

TOPIC DESCRIPTION: Come join us on Thursday April 29th at 10:00 am as we take a look into a case study on how precast concrete solved creative field solutions. We will look at a few field challenges during a Design Build Project and some of the solutions used to meet the challenges. Remember that precast concrete is not limited to DOT structure types but only by your imagination. Please reach out to any of us to help collaborate on your next design challenge.

[Link to watch recorded webinar:](#)

WEEK 8 - MAY 6th 2021:**Culvert & Storm Drain System Inspection Guide
Conditional Rating Review**

TOPIC DESCRIPTION: Culvert and storm drain systems are vital infrastructure assets that require periodic maintenance to achieve their design service life and proper function. We will review the 2020 AASHTO Culvert and Storm Drain Inspection Guide that was published to rate the condition of in-service culverts during inspection. It gives a standardized inspection terms for maintenance personnel to start with when looking at in service systems with a discussion on the quantitative criteria for conditional ratings.

[Link to watch recorded webinar:](#)

WEEK 9 - MAY 13th 2021:**Detention & Retention in Today's Rain**

TOPIC DESCRIPTION: A common conventional method for managing stormwater is a stormwater basin. Basins are meant to collect stormwater and slowly release it at a controlled rate so that downstream areas are not flooded or eroded. While effective for flood control, these practices have significant limitations for water quality treatment and for preventing impacts to stream systems. In this time of increased weather events, detention and retention can be challenging. We discuss some of the design issues and structural issues in dealing with large amounts of stormwater.

[Link to watch recorded webinar:](#)



What is the PRO Act and Why Should I Care? - Vanessa Patterson

On the National level, the PRO (Protecting the Right to Organize) Act has been quietly working its way through Congress. It has passed the house but the Senate has yet to take up the legislation. Virginia Senator Mark Warner, has to date, stood in the way as he has not put his support behind this bill which would among other things, eliminate Virginia's status as a Right to Work state meaning some workers would be forced to pay union dues or other fees as a condition of employment. The act is a union wish list of anti-business policies that harm both businesses and workers. Other troubling provisions of the bill:

- Forced sharing of employee contact information. The law would compel employers to give contact information to unions.
- The law specifies no limits on what a union can do with employee contact information or with whom they can share it.
- Workers have no ability to protect their information from being shared. Union organizers could show up at employees' homes unsolicited to request signatures on "authorization cards" that could later be used to circumvent the traditional secret ballot representation election.
- The PRO Act also changes what it means to be an independent contractor under federal law. The bill would follow California's lead by adopting a restrictive standard that significantly limits and employer's ability to engage independent contractors for work. While this may not directly impact the Precast Concrete Industry, it may impact family members or friends who enjoy the freedoms afforded working as an independent contractor such as setting one's own hours, determining what jobs to take or not take, who to work for and how much to charge. Currently 550,000 Virginians work as independent contractors.

If the PRO Act becomes law, it will harm Virginia's Economy and reputation as a good state for businesses, undermine employee choice and severely limit independent contractors. Let's hope Senator Mark Warner continues to not co-sponsor the PRO Act.

2021 Virginia Elections Overview - Vanessa Patterson

On November 2nd, 2021 Virginians will head to the polls to elect a new Governor, Lieutenant Governor, Attorney General and all 100 state Delegates. Virginia is one of two states that has "off" year elections.

The Democrats currently have a 55-45 majority in the House of Delegates. There are several key races that will bring out of state money as the Republicans attempt to gain back some ground lost in 2019 when they overwhelmingly lost the majority. It would be a stretch for Republicans to regain the majority as Northern Virginia is firmly entrenched as a Democrat stronghold and several districts in both the Virginia Beach area and Richmond has swung more to the democrats in the past few years. There is a possibility that the margin may become closer but most political insiders believe because of the demographics of the state and the influence of NOVA, the Democrats will maintain the majority.

The Statewide races are polling more closely than some would have thought. Terry McAuliffe, as former Governor of Virginia (immediately preceded Governor Northam) has the advantage in name recognition but Glenn Youngkin, a successful businessman is not as well known but has the opportunity to write his own story. There will be a lot of focus nationally on this race as a bell-weather for 2022 Congressional elections.

<u>OFFICE</u>	<u>DEMOCRAT</u>	<u>REPUBLICAN</u>
GOVERNOR	TERRY MCAULIFFE	GLENN YOUNGKIN
LT. GOVERNOR	HALA AYALA	WINSOME SEARS
ATTORNEY GEN.	MARK HERRING	JASON MIYARES

Long Time President and COO of Hamilton Kent Retires

Hamilton Kent would like to announce the retirement of Bernard Grégoire, President and COO of Hamilton Kent.

Bernard has dedicated his entire career to serving the manufacturing industry. With a background in engineering, he was always in search of creative and innovative methods to solve problems, and he applied this approach to both his career and volunteer activities. In addition to leading Hamilton Kent for more than 26 years, Bernard also served on several boards and industry associations, including the American Concrete Pipe Association from 2003 to 2006, as well as the Ontario Concrete Pipe Association in the mid-2000's. He also served on the board of the Tire and Rubber Association of Canada.

Bernard was passionate about growth, and during his tenure was responsible for making 2 acquisitions – IPS in 2006 and NC Rubber in 2001, both of which expanded HK's footprint significantly. Bernard also expanded Hamilton Kent's manufacturing base, with the commissioning of a new manufacturing location in Winchester TN in 2007.

As stated by Bernard, "During my 26 year tenure, I feel as though Hamilton Kent has made a significant contribution to enhance the resiliency of underground water infrastructure by providing innovative and reliable watertight seals. Our success has only been possible thanks to a great team of technical, hardworking individuals that shared our value of honesty and integrity while providing the best support, service and quality that our customers deserve."

With the retirement of Bernard, we are pleased to announce that Ivan Stiehl will assume the role of President and General Manager of Hamilton Kent. Ivan has a background in Mechanical Engineering and brings a wealth of experience in Manufacturing and Innovation from within the Aliaxis NA Group. As the President and GM, Hamilton Kent, Ivan will continue to build strong relationships within the industry and focus on delivering exceptional value to our customers. According to Ivan, "I am excited about what the future holds for Hamilton Kent and I look forward to building on the reputation left by the legacy of Bernard's contribution and what that means for our customers, industry partners and team mates. On behalf of everyone at Hamilton Kent please join me in thanking and wishing Bernard health and happiness in his retirement."



"The HK Coupling by Straub" - Honorable Mention NPCA's 2021 Best Practices Competition



An easy, safe and effective watertight joint test developed by Hamilton Kent earned the Toronto, Ontario, company honorable mention in the National Precast Concrete Association's 2021 Best Practices competition. The company received its award Thursday, May 20, during the NPCA's The Precast Show in New Orleans, La.

Hamilton Kent developed the HK Test Coupling by Straub with its Swiss-based sister company. By placing a tester centered over a joint, then securing and pressurizing, quality assurance personnel can quickly determine if a joint is watertight. The test causes no joint damage and requires no additional sealing of openings and no special equipment other than the test unit.

Hamilton Kent wanted to simplify the process of joint and gasket water tightness testing on straight wall pipe and manholes, saving producers time and money. Additionally, their test coupling simulates actual in-service pressure, is non-destructive, uses minimal water and no electricity and is reusable and affordable. The test coupling helps precast concrete manufacturers save time and resources in their endeavor to prove their joints are watertight in a more sustainable way.

Hamilton Kent produces a broad range of gaskets for sealing joints on pipe, manholes and box culverts, and offers several resilient solutions for pipe-to-manhole connections, including mechanically installed boots and cast-in connectors. They also provide microtunnel and

jack pipe gaskets, production gaskets, 3 edge bearing strip, butyl sealant, adhesive, lubricant and much more.

Rinker Materials I-64 Jacking Project



This project will extend the three-lane section of I-64 west for approximately 8.2 miles. These improvements will:

- Increase capacity
- Bring portions of the interstate up to current design standards
- Provide more lanes for evacuation and improve safety by reducing congestion and improving vehicular level of service.

Pipe jacking is a non-disruptive method of installing pipe and conduit by thrusting through ground as controlled excavation is performed. The beauty of jacking reinforced concrete pipe is that traffic can continue at its usual speed with no disruption.

A steel band at one end of the pipe confines the concrete in order to allow full development of the concrete compressive strength and prevent concrete spalling or localized crushing. Cushioning material is placed between the pipes to minimize point forces. Lubrication to the joint is applied to the spigot of the pipe and to the bell of the pipe.

Intermediate jacking stations had to be used on this project to help push the pipe through the soil by pushing on the forward section intervals of pipe inside the tunnel.

Pictures from the project follow on pages 19-21.

Rinker Materials I-64 Pipe Jacking Project - Con't.

The steel band confines the concrete to develop full strength

Tunnel Boring Machine Cutter Head



Rinker Materials I-64 Pipe Jacking Project (con't.)



Spoils being removed while excavating to make room for the pipe



Cushioning material is placed between the pipes to minimize point forces.

Rinker Materials I-64 Pipe Jacking Project (con't.)



Concrete Pipe & Precast Donates “Seconds” to Boy Scouts!



Camp Shenandoah Boy Scout Camp

456 acre Camp Shenandoah – Boy Scout Camp is operated by the Virginia Headwaters Council, BSA, and provides year round camping at Hope Lake, situated just west of Staunton, Virginia. Julian Moffett, CEO of Moffett Paving & Excavating Corp. reached out to CP&P on behalf of the Boy Scouts to request assistance with a failing Corrugate Metal Pipe (CMP) culvert at the camp.

CP&P's Hanover Team located 64 Linear Feet of 36" RCP that was identified as “Seconds” and offered to donate the pipe to assist the Boy Scout Camp with the project.

Moffett Paving & Excavating picked up the concrete pipe sections from the Hanover Pipe Plant, and used it to replace the failing flexible CMP culvert.

Shortly after the successful installation, Julian Moffett shared via email that “The Boy Scout council is very excited and thankful for the donation. I thank you also for what you’ve done.”



Concrete Pipe & Precast Conquers Challenging Layout



Concrete Pipe & Precast is staged and ready

Washington Boulevard at Kirkwood Arlington, VA

The addition of the new building with an integrated parking garage known as “Washington Boulevard at Kirkwood” in Arlington, VA required 415 L.F. of precast 8' x 8' reinforced concrete box culvert with precast mitered bends and two new precast junction boxes to reroute drainage around the perimeter of the project site.

CP&P's Hanover facility produced the box culvert sections and W.B. Hopke Co. Inc. installed them within the challenging layout position needed onsite. Matt Hopke shared “Thought you'd like to see the outcome of your multi-year proposal pursuit on the Kirkwood. It's coming together very nicely.”



Tropical Storm “Final Straw” - Critical Culvert Failure



Tri-State Utilities installs new triple 54" RCP under Five Forks Road



Five Forks Road Culvert Replacement

Tropical storms are often blamed for collapsed roadways, however many times a large rain event like a tropical storm is merely the “final straw” in a series of issues leading up to a critical culvert failure. The flexible pipe culvert that recently failed in the Lake Smith/Haygood area of Virginia Beach was one such example, when a tropical storm completely wiped out the corrugated metal pipe (CMP) under Five Forks Road.

Local residents in the area claim that the strip of road where the existing flexible culverts failed had been a problem for some time, as the pavement there had dipped down creating a makeshift “speed bump.” Drivers had to slow down and cautiously navigate over the sags in the roadway. Construction crews had attempted to make repairs, however the repairs were not enough to keep the flexible pipe culvert from catastrophically washing out during a storm. The flexible pipe failure caused many “once cautious” drivers to find an alternative route to and from their homes.

Tri-State Utilities was chosen to remove the failed pipe culvert and install a new triple barrel run of 54" Reinforced Concrete Pipe (RCP). The new concrete pipe installation included three each 54" x 48" Manhole Tees and a Triple EW-7 style endwall for each end, produced by Concrete Pipe & Precast (CP&P). During the new concrete pipe installation, Tri-State Utilities used a filter fabric material to wrap each pipe joint, in addition to the ASTM C443 Rubber Gasket used to seal it. This method of adding a joint wrap material with the rubber gasket joint is common practice in many coastal areas, and creates an extra safe and secure pipe/joint system that will last for many, many years.



Smith-Midland Wins \$5.5 million SlenderWall Contract in New York

In April 2021, Smith-Midland announced a contract win to provide architectural precast concrete cladding products and services, including Smith-Midland's proprietary SlenderWall system, for use in a 19 story multi-family structure in New Rochelle, New York.

New Rochelle embarked on an ambitious \$4 billion redevelopment plan to spark a major economic rebirth of their historic downtown. The plan includes 12 million square feet of new development, comprised of three dozen mixed-use, multi-family, office, and hospitality projects.

One of the projects to break ground in the first wave of development is 11 Garden Street. The 19 story multi-family structure is being developed by West 20th Construction LLC. On March 25 West 20th Construction contracted with Smith-Midland to provide over \$5.5 million of architectural precast concrete cladding products and services including the Company's proprietary SlenderWall system.

The 219-unit project designed by the architectural firm, Stephen B. Jacobs Group, will utilize over 72,000 square feet of white acid-etch finished SlenderWall architectural precast panels in combination with 15,000 square feet of traditional architectural precast to clad the exterior of the structure. Both products will be manufactured under PCI certified guidelines in Smith-Midland's flagship Virginia plant. The SlenderWall panels will also receive factory-applied high thermal performance R-24 closed-cell spray foam insulation prior to shipment. In accordance with the Company's lean manufacturing process, Smith-Midland will handle all just-in-time transportation, and erection services for this project. Construction began in February 2021 with completion planned for 2023.

"Our strength in the New York and New Jersey markets continues with this project in New Rochelle. We have completed a cluster of great projects along the Hudson River in the past five years, and we hope to duplicate that pattern with our project in the New Rochelle redevelopment initiative. We are focused on growing our proprietary, lightweight SlenderWall cladding business and continue to add value for our clients as we expand our pre-fabrication and customization offerings including options for preinstalled insulation, wall studs and windows," said Chief Executive Officer, Ashley Smith.

Smith-Midland Welcomes Kevin Corbett, VP of Operations



A native of Syracuse, New York, Kevin Corbett is the newest member of the Smith-Midland Corporation leadership team. A veteran of the United States Marine Corps, Kevin has a master's degree in business administration and a bachelor's degree in history.

After graduating in 2009, Kevin took a commission in the USMC, where he served as an Infantry Captain, assigned to 1st Battalion 3rd Marine Regiment in Kaneohe Bay, Hawaii, and then the Marine Corps Security Force Regiment at the Naval Weapons Station in Yorktown, VA.

In 2015, Kevin joined Oldcastle Building Envelope, the largest glass curtain wall fabricator in North America, serving as plant manager in their Tampa, Florida and Westbrook, Maine facilities. While at Oldcastle, he studied and implemented Lean manufacturing, a continuous improvement methodology that aligns perfectly with the Smith-Midland philosophy.

"This is a passionate group of leaders at Smith-Midland," said Kevin. "From Ashley Smith himself, all the way down, everyone is very engaged and passionate about making the organization as good as it can possibly be, which includes the Lean implementation, but also with regard to the creation of revenue streams and finding ways to increase profitability without increasing operating costs."

As Vice-President of Operations at the Virginia plant, Kevin takes responsibility for the production, delivery, and installation of the company's full line of products and services.

Permatile HySPAN Speeds Bridge Replacement

By Mimi Coles

After several storms and local flooding, Fincastle Farm Road in Bluefield, Virginia suffered significant damage. The bridge, which connected Fincastle Farm and several residences to Route 720 over the Bluestone River, needed to be replaced and the stream bank repaired. VDOT determined the most efficient and effective way to replace the structure was with a precast concrete rigid frame bridge. The HySPAN bridge, manufactured by Permatile Concrete Products of Bristol, Virginia was the successful system. The bridge, with an outside span of 30'-4" (inside span of 28'-0") and 15'-0" width, was made up three 5'-0" sections. The three sections, set in approximately 2 hours, were placed on cast in place footers. The speed and ease of bridge installation allowed for considerable time savings during construction and shortened road detours and down time for the local residents.



Virginia's Concrete Pipe and Precast Week 2021 - August 15-21

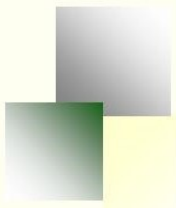
The Precast Concrete Association of Virginia and the American Concrete Pipe Association are celebrating Precast Concrete and Concrete Pipe Week from August 15 – 21, 2021 by requesting Virginia's Governor Ralph Northam recognize Precast Concrete and Concrete Pipe Week across the Commonwealth through official Proclamation.

During the week, precast producers host plant tours, hold employee appreciation events and engage elected officials about product quality, performance, sustainability 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 2021 the best ever!

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



SAVE-THE-DATE: PCAV/VDOT Fall 2021 Joint Meeting**PCAV*****"Dedicated to the Growth of the Precast Concrete Industry"*****PCAV/VDOT JOINT MEETING****Tuesday September 21st, 2021****Tuckahoe Woman's Club****4215 Dover Road****Richmond, VA 23221****10:00 - 11:00 a.m. - Committee Meetings (PCAV Members Only)****11:00 - 12:00 p.m. - PCAV/VDOT Joint Meeting****12:00 - 1:00 p.m. - Refreshments/Networking****1:00 - 3:00 p.m. - Board Meeting (PCAV Members Only)****SAVE-the-DATE - 2022 Virginia Concrete Conference!****Save the Date!****2022 Virginia Concrete Conference****March 17-18, 2022****The Westin Richmond**

6631 West Broad Street – Richmond, VA

We are excited to announce the 2022 Virginia Concrete Conference is set to take place in-person in 2022. We look forward to seeing you. Stay tuned for more conference details...

The event is hosted by the Southeast Cement Promotion Association, the Virginia Ready Mixed Concrete Association, the Virginia Chapter-ACI, the Precast Concrete Association of Virginia, the American Concrete Pavement Association-Mid Atlantic Chapter, the Virginia Department of Transportation, and the Federal Highway Administration

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Concrete Pipe & Precast, LLC	Ashland	Virginia	804-798-6068
Nansemond Pre-cast Concrete Co. Inc.	Suffolk	Virginia	757-538-2761
Oldcastle Precast	Fredericksburg	Virginia	540-898-6300
Permatile Concrete Products Co.	Bristol	Virginia	276-669-5332
Rinker Materials	Frederick	Maryland	301-698-7373
Smith-Midland Corporation	Midland	Virginia	540-439-3266
Faddis Concrete Products	King George	Virginia	540-775-4546
Winchester Precast	Winchester	Virginia	540-667-2301

PCAV ASSOCIATE MEMBERS

MEMBER	CITY	STATE	TELEPHONE
A-LOK Products, Inc.	Tullytown	Pennsylvania	800-822-2565
ALP Supply	Fairless	Pennsylvania	800-332-7090
Argos-US	Newport News	Virginia	757-880-5631
ASH Venture, LLC	Roanoke	Virginia	888-477-6274
BASF Admixtures	Beechwood	Ohio	610-212-5577
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	770-417-1110
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
Trelleborg Pipe Seals	Milford	New Hampshire	800-626-2180
US Foundry (Eagle Manufacturing Group)	Brown Summit	North Carolina	800-527-8380

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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.

If you have received this newsletter as a forwarded email, please go to <http://www.precastva.org> and subscribe.

Please forward this newsletter to your colleagues, business associates, vendors and prospects and ask them to visit www.gopcav.com to subscribe as well.

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