



Volume 24, Issue 1

NEXT MEETING

Date: Monday, Septemeber 21st, 2020

Place: Online Webinar - T.B.D.

Menu: B.Y.O. Lunch

Speaker: T.B.D. Stay Tuned

Topic: Coming Soon

Format: Online Webinar

Schedule: 12:00 noon

Meeting **Admission Fee:** N/A for Webinar Format

KC CHAPTER OF ASPE

PO Box 7281
Overland Park, KS 66207



President – Drew Velleca

Welcome Back, Kansas City!

I hope everyone made the most of their summer! It has definitely been a unique one. I'm still working from home, as I'm sure some of you are, so I have had lots of family togetherness. It seems like we're still in the same boat as we were when we ended the ASPE year back in May, but hopefully we can get back to "normal" at some point this year. I never thought I'd miss the Cinzetti's buffet, but here we are.

So, with that in mind, here are a few of the changes from "normal" that are new, or that we will be continuing this year.

- No in person meetings, all chapter meetings will be held virtually.
- The 2020 golf tournament that we thought may get pushed back to September is now cancelled.
- The 2020 Convention and Expo in New Orleans has been cancelled. Watch your email for any announcements regarding virtual technical sessions.
- The board will decide when to return to in person meetings and will be following county and state guidelines.

I know the situation is not ideal, but we had good participation in our virtual meetings in the spring. I'm hoping to keep that up this year as well. I'll take this time to thank you in advance for your engagement and participation in the chapter this year. I'd also like to thank all our affiliates who have been so accommodating with the change to virtual meetings.

This is my second (and final) year as chapter president, and at the beginning of my first year I set a couple goals: meeting and knowing more members names, and increasing membership. Goal number one was a success, I know many more of you now than I did a year ago. Goal number two was not a success, unfortunately, as we are down two members from this time last year.

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ASPE Young Professional Liaison - Heather Ferry

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President – Drew Velleca

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It's difficult to set a goal now, especially since everything seems to be up in the air, but I feel it's important to have something to work towards. So, for my last year as president, I'm just going to keep the goal of increasing membership. Hopefully that's not too much to aim for, and people will realize the value that membership delivers.

Ok, enough of that, back to the business. Our first virtual chapter meeting of the year will be on September 21. Stay tuned for an email with all the details. If you'd like to present at a chapter meeting, reach out to our VP Technical, Melissa Beck, for openings: melissa.beck@dialecticeng.com.

Additionally, if you have suggestions for the board, send them my way: president@kc-aspe.org.

Thanks for reading, I'm looking forward to another great year! Stay safe out there!

Drew Velleca, PE
KC ASPE Chapter President
Drew Velleca, PE
KC ASPE Chapter President



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VP Legislative – Chaesaré Jones

ASPE Opportunity to Propose Changes to the Model Codes – UPC and IPC

ASPE will be submitting a list of proposed code changes to IAPMO and ICC for the 2024 UPC and IPC code cycles. ASPE is currently accepting code change proposals from all members. This is a wonderful opportunity to positively impact the model codes. Please see the message below for additional information.

Brianne Hall ASPE Vice President Legislative sent the following message:

Hello!

I am excited to announce that ASPE will be accepting code change proposals from members for the 2024 UPC and IPC code cycles. The code changes will be reviewed by the Legislative Committee and the Board of Directors to determine whether ASPE will be included as a proponent on the submission.

I have outlined the due date schedule below:

October 1, 2020 – Submissions due

December 1, 2020 – Response due to submitter from ASPE

This schedule has been designed to provide a response to the submitter over a month in advance of the UPC and IPC deadlines in January.

The form is labeled "ASPE Code Change Submittal Form" and is available on the ASPE website, under membership forms. [www.aspe.org/membership-global-community/membership/...](http://www.aspe.org/membership-global-community/membership/)

Announcements will be made to make members aware of this form and encourage their involvement in the 2024 IPC and UPC code cycles. Your assistance in promoting this is appreciated! I ask you to speak with your chapter about this opportunity and consider whether you have any proposals to submit, either as a chapter or individuals.

Please respond with any questions or comments!

Brianne Hall
ASPE BOD - VP Legislative

My goal this year is to share relevant design and code information and grow together as an organization. I plan to reach out to local code officials, and stay up-to-date with current codes. I see this as a collaborative process, so please let me know if you have a great idea for an article, a topic to explore, or a unique local code requirement to discuss.

I look forward to connecting with you (virtually) at the chapter meeting.

Take care,

Chaesaré Jones, PE, LEED AP

KC ASPE Vice President Legislative

Email: vp_legislative@kc-aspe.org



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Commercial Roof Hydrants



Freezeless Roof Hydrants are designed to facilitate a secure, exterior water source installation on commercial roof surfaces. The hydrant is installed through the roof and plumbed to the non-freezing interior water source. The hydrant is supported by a heavy duty cast iron (MS) Mounting System. All necessary mounting hardware for proper installation on a commercial roof is supplied, including a 2 degree shim for pitch adjustment.

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The patented **RHY1-1-MS** is the most reliable hydrant where backflow protection is not required. A 1/8" NPT tapped drain hole in valve body should be piped to a drain location to prevent freezing.

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For information, please contact:

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Bill Davenport: Bill.dav@summitsalesinc.com
Darcy Mullen: Darcy.sap@summitsalesinc.com



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VP Technical – Melissa Beck

Hello KC ASPE,

Hope everyone is enjoying the last bit of summer while they can. With fall just around the corner, ASPE will be back in full swing. Virtually, that is. We are still looking for a presentation to kick-off our season on September 21, 2020. If you have a topic you'd like to present, please give me a call or shoot me an e-mail.

We already have quite a few presentations booked that we think you will all enjoy. So, please tune in – virtually or in person – and don't forget to tell your friends. Looking forward to hearing from you all soon

Melissa Beck

KC ASPE Chapter VP Technical

Finally...A water cooler and bottle filler that doesn't look like it came from last century!

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TAKE THE FIELD.





Treasurer – Scott Bikson

Similar to many of you I have been working from home for the past almost six months. Due to my limited space available that has meant my kitchen table is now my workstation. It took some tweaking to get everything to a workable arrangement including buying a new chair and adding lifts to raise my table. I find it really amazing how far technology has come and what it allows us to do. Not to mention the wide range of video conferencing and communication tools we have just the fact that I can use Revit from home amazes me. That said, there are certainly things I miss by not going into the office and hope that we can get to a safe point in our society that allows us to get somewhat back to normal. I find myself looking for little excuses to leave the house and one of them I can count on every month is going to the post office to pick up mail from the KC ASPE PO Box and then going to the bank to deposit KC ASPE funds. It's weird the little things you start to appreciate. Hope everyone is staying safe and healthy and looking forward to when we can return to Cinzetti's.

Scott Bikson, PE

KC ASPE Chapter Treasurer

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ASPE Young Professionals Liaison (AYP) – Heather Ferry

In summary:

ASPE Region 5 APYs got together recently to discuss how different chapters are adapting with the new normal. We discussed different virtual social events that can keep members more connected during this time. Stay tuned for more information!

Heather Ferry

KC ASPE AYP Liaison

Administrative Secretary – David Stookey

COVID Musings: Like many other people recently I have been tackling home improvement projects in my spare time. Since the pandemic began I have remodeled 2 bathrooms. This involved demoing existing vinyl flooring, water closets, vanities, faucets, a tub/shower valve and the shower walls. I think installed new tile floors and shower walls with a cement backerboard. I also installed a new shower valve, vanities and faucets. One of the bathrooms was small and the space for the water closet was cramped. Therefore, I installed a smaller vanity to give you more space on the water closet. One of the trickiest parts of the renovations was shifting the closet flange 3" so it would be centered in the, now larger, space. I did this by cutting open the floor and adding some additional waste piping and a new closet flange.

With no normalcy in sight I think it's a good time to reflect on what we have accomplished during this time. Did you tackle a home improvement project? Are you better with technology now that you've been forced to work differently? What can you do accomplish during the rest of this social distancing period with the extra time you have?

David Stookey

KC ASPE Chapter Administrative Secretary

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Our chapter newsletter reaches over 400 people in the Kansas City area. By placing an ad, you can reach out to those involved in plumbing engineering to make them aware of your product lines. Refer to our website for costs for manufacturers ads in our newsletter. There has never been a better time to support our chapter by placing an ad!

If you are seeking employment, Chapter members can run an ad in our newsletter for free! Local engineering firms or factory representative firms seeking employees can run ads in our newsletter. Refer to our website for costs for employment ads in our newsletter.



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Corresponding Secretary– Joel Wood

Hello ASPE KC:

How have you been? Aren't we all ready for this pandemic to be over so we can get back to normal?

...And start having our monthly in-person lunch meetings again. That would be nice.

Our new 2020-2021 ASPE KC Chapter year has finally begun, which means virtual meetings for the time being and hopefully real Chiefs football soon. I'm excited for this year and very excited for a new child my wife and I are expecting in November.

We do not have any new members for our chapter in the last few months. But we do have a lot of members that celebrated recently or will be soon be celebrating birthdays and membership anniversaries. I have listed them all out on the following page. Please join me in wishing them all the best.

Joel Wood

KC ASPE Chapter Corresponding Secretary

A Word from One of Our Sponsors

PRIER Products and Henderson Engineers recently teamed up to share key insights on three emerging trends plumbing engineers need to put on their radar. The report provides perspective and ideas to navigate challenges in the commercial plumbing industry. Topics include:

- 1) Increased labor challenges
- 2) Tighter deadlines and greater project complexity
- 3) Collaboration to drive innovation



PRIER is offering this trends report white paper to all ASPE-KC members.

Download the report at this link. <https://www.prier.com/engineers/>

In the growing shadow of a global pandemic, no emerging trends article can be written without acknowledging these are not normal times. As of May, 67% of construction firms reported a project cancellation or delay since the start of the outbreak in early March, according to a survey of 800 firms by the Associated General Contractors of America (AGC).¹ The crisis has redefined business as usual for all aspects of a project, from professional engineers to manufacturers, contractors, and distributors.

As PEs, you've had to expand your building information modeling, cost estimation, project management, construction administration, commissioning and code expertise to include new skills, like mastering Zoom video conference calls from a quarantined home office and factoring in local health mandates when scheduling projects. And while at this writing no one knows when the pandemic will end, experts do agree on one thing – the lasting effect

¹ Associated General Contractors of America Survey, May 8, 2020

² McKinsey & Company article: Commercial Real Estate Must Do More Than Merely Adapt to Coronavirus, April 9, 2020

³ Deloitte article: COVID-19 Implications for Commercial Real Estate, Preparing for the "Next Normal," May 1, 2020

of COVID-19 on all aspects of the commercial construction business will be felt for years to come.

McKinsey & Company recently reported the multiyear trend toward densification and open-plan office layouts may reverse sharply. They forecast that public health officials may amend building codes to limit the risk of future pandemics, potentially affecting standards for HVAC and plumbing systems, square footage per person, and the amount of enclosed space.²

Deloitte expands on this new normal theme for commercial real estate owners by stating the demands and services as people return to spaces where they work, shop, or stay will need to evolve. "Companies should consider more real-time analyses of changing user preferences, prepare to adapt designs, and (re)develop space and tenant engagement strategies."³

Yet adapting to new challenges is part of the DNA of Professional Engineers

who daily shoulder the responsibility to protect the public health, safety, and welfare. Each man and woman are uniquely qualified to address many of the problems our society will face in the wake of the COVID-19 pandemic.

We offer up the following emerging trends to consider in this journey:

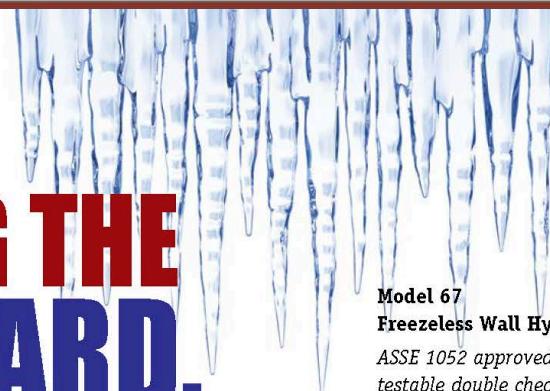
- 1 Increased Labor Shortages
- 2 Tighter Deadlines and Greater Project Complexity
- 3 Collaboration in Problem Solving Drives Innovative Solutions



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