



THE NEWSLETTER OF  
THE BALTIMORE  
WASHINGTON DC  
CHAPTER OF ICRI

1ST QUARTER 2022

### UPCOMING EVENTS:

**FEBRUARY 10, 2022**  
JOINT ICRI-BW/ACI  
DINNER MEETING  
MAGGIANO'S LITTLE ITALY

**APRIL 3-6, 2022**  
ICRI NATIONAL 2022  
SPRING CONVENTION  
BALTIMORE, MD

# THE AGGREGATE

- PRESIDENT'S MESSAGE
- JOINT DINNER MEETING
- 2022 BOARD MEMBERS

## MESSAGE FROM OUR PRESIDENT

JUSTIN P. LONG - *SK&A / STRUCTURAL ENGINEERS*



Happy New Year to all our ICRI Baltimore-Washington Chapter members and their families! I hope that your holidays were prosperous & full of enjoyment! I also hope that you were able to enjoy some much-needed relaxation and are re-charged for 2022. I am very much looking forward to all that 2022 has to offer our chapter and its members

I want to first and foremost thank our immediate Past President, Brian Radigan, for his leadership during his term and our 2021 board members for all their efforts over the last twelve months. Through his leadership, and the Board's dedication to the organization & its members, we returned to in-person events in 2021. Their hard work has also laid the ground for some exciting things in 2022. I would like to recognize our outgoing Board of Director members Brian Baker, Kevin Goudarzi, & Michael Camarda. I have worked with each of them over the past few years and they have made countless, impactful contributions to our Chapter – they will certainly be missed.

Please join me in welcoming your new Board of Director members Alexander Gugliotta (Aquafin), Dan Wynkoop (Valcourt), John Mimm (Structural Preservation Systems) and Jack Przywara (SK&A, P.A.). Please be sure to give them a warm welcome at our next meeting in February and let them know your thoughts and expectations for the Chapter.

Last but not least, I want to express my gratitude to you, the Chapter Members, for your continued support to this Chapter and your dedication to the profession of concrete repair & restoration. Your support and engagement ensure that ICRI and this Chapter remain the leading source for education and information in the concrete repair industry. The 2022 Officers and Board of Directors are dedicated to serving our members, so please let us know your thoughts, ideas, and feedback throughout the year.

As we transition into the new year, our local chapter has some exciting things on the horizon. First and foremost is the hosting of the Spring 2022 National Convention right here in Baltimore, MD! This year's theme is "Weather – Its Impact on Concrete & Construction". Our Board of Directors will be standing up a sub-committee of volunteers to assist with the planning of some convention activities and other efforts, so please consider becoming involved if you are interested. We are also looking for speakers and technical presentations. Those interested can submit their abstracts online.

We are also working very closely with a few universities to stand-up some Student ICRI Chapters! We also have goals to add some fun social events between our regularly scheduled dinner events! Please consider working with us this year and talk with one of your Board of Director members about how you can get involved.

Please continue to monitor the website ([www.icribwchapter.org](http://www.icribwchapter.org)) on a regular basis for new postings and information. We will continue to actively update our calendar of events and website to keep our members informed of upcoming events and calls for action.

I am very much looking forward to all that 2022 has to offer us as an organization! Please feel free to contact me personally at [justinl@skaengineers.com](mailto:justinl@skaengineers.com) with any feedback, comments, or questions you have for this upcoming year.

*Justin*



# ICRI Baltimore Washington Chapter ACI National Capital Chapter Joint Dinner Meeting



**Thursday, February 10th, 2022**

MAGGIANO'S LITTLE ITALY AT TYSONS GALLERIA  
2001 INTERNATIONAL DR.  
MCLEAN, VIRGINIA 22102

**SCHEDULE:**

5:30 pm Social Hour  
6:30 pm Dinner  
7:30 pm Presentation

**REGISTRATION:**

Member Rate: \$50  
Non-Member Rate: \$60

*\*The 1st Quarter ICRI BWC Board Meeting will be held at 4:30 pm prior to the dinner meeting.*

**REGISTRATION DEADLINE IS FEBRUARY 4, 2022**

Company: \_\_\_\_\_

Name: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

Number of Attendees: \_\_\_\_\_ Attendee Names: \_\_\_\_\_

## PT Concrete Repair Rules for Success

Most repair contractors and engineers are familiar with typical repairs of unbonded post-tensioning (PT) systems. This presentation will focus on some of the more unique PT repair and strengthening applications in practice. We will review historic unbonded PT systems that can be found in buildings today, and we will explore the root causes for deterioration and failure of PT systems in buildings. Information provided in this presentation will lead to successful projects for you and your clients.



**Presenter: Don Kline, PE**

Don Kline earned his B.S. degree from the University of Virginia and his M.S. degree in Civil Engineering from Virginia Tech. Mr. Kline founded Kline Engineering & Consulting, LLC to provide a wide range of structural engineering consulting services. During his career he has been personally involved in the design and construction of post-tensioned multi-story buildings, podium slabs, tanks, and bridges. Additionally, he has extensive experience in the evaluation, repair, rehabilitation and strengthening of existing PT structures. Mr. Kline is an active member of the American Concrete Institute (ACI), the Post-Tensioning Institute (PTI), the National Capital Chapter of ACI, and the Structural Engineers Association of Metropolitan Washington. Mr. Kline currently serves as chair of PTI's Technical Advisory Board (TAB). He is on the PTI board of directors. And he serves on ACI 318 Sub T, ACI 320, ACI 301, and ACI 423.

Scan and email this completed form to Chapter Secretary, Todd Carroll by February 4th. Checks may be mailed with your form or you can bring them with you to the meeting.

**Todd Carroll**  
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Checks Payable to:  
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# AN OUNCE OF PREVENTION IS WORTH A POUND OF CURE: HAVE YOUR SUBCONTRACT REVIEWED BEFORE YOU SIGN IT

by **Kenneth K. Sorteberg, Esquire**

Often my subcontractor clients come to me for advice regarding disputes they have with general contractors. Just as often, I hold my head in my hands and think to myself, "If only my client had come to me before he or she signed this one-sided subcontract."

General contractors typically request that their subcontractors sign customized, onerous, one-sided subcontracts. My advice to subcontractors is first, tell the general contractor you would like to use the standard AIA A401-2007 subcontract form, which is very fair to subcontractors. If the general contractor balks at using this AIA subcontract form, then the next step is to review and modify the general contractor's customized form. I will discuss a few of the possible modifications below.

- Strike out the "pay if paid" clause, which basically says the subcontractor will not get paid unless the general contractor gets paid by the Owner.
- State that you have the right to stop work if you have not been paid within 45 days after submitting your invoice.
- Modify the final payment clause to state that final payment and retainage will be paid to you within 45 days after your work is completed.
- State that the schedule and any updates must be approved by you.
- Modify the "no-damages-for-delay" clause so that you can get paid for your extended equipment costs and extended general conditions costs.
- Limit your exposure to delay and liquidated damages to, say, \$10,000.
- Strike out the attorneys' fees clause, or state that you will not be liable for any attorneys' fees incurred by the general contractor or by any others.
- 

*Please feel free to contact Ken Sorteberg at [sorteberg@constructionlaw.com](mailto:sorteberg@constructionlaw.com) with any questions or suggestions for future Legal Columns. Mr. Sorteberg is a civil engineer and an attorney (licensed in MD and DC) who focuses his practice on construction law.*



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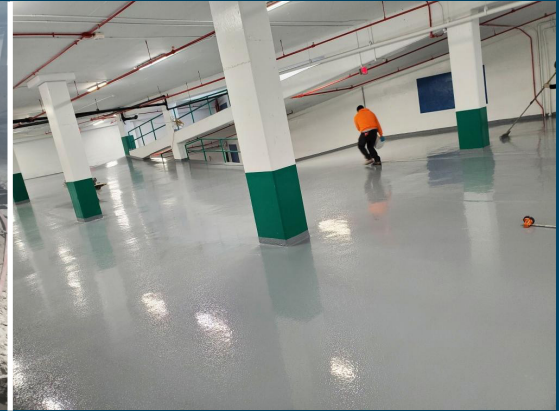
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# NATIONAL CAPITAL BANK

## ICRI PROJECT AWARDS FOR OUTSTANDING REPAIR PROJECT



National Capital Bank is a full-service community bank headquartered on Capitol Hill in Washington DC. Founded and built in 1889, it is Washington DC's oldest bank. Offering walk in and drive through service, NCB is well positioned to assist its surrounding community.

With deterioration visible on the surface lot and garage parking structures, ownership at the National Capital Bank of Washington knew repairs to their campus would be needed in the near future. Upon further investigation, water intrusion through unsealed decks and expansion joints that are exposed to the elements accelerated the need to begin an all-encompassing repair project to prevent further damage and decay.

With the help of the Engineer of Record, a detailed repair scope was put in place to address these issues. On the surface lot, all topping slabs were removed and replaced with new waterproofing membranes. Hundred-year-old historic brick was re-tuckpointed, replaced where needed, and sealed where applicable. The post tension deck was repaired in kind as well.

In the garage, wall-to-wall concrete repairs were performed via hydro demolition. New ADA ramps were formed and poured as a part of providing better access to the elevator lobbies. Corrosion Inhibitor and Urethane Traffic membrane was installed at the end of the project to protect the structure for years to come. New lighting and paint brightened up the previously dimly lit garage.

No two restoration projects are the same and that held true for the work performed at National Capital Bank. Multiple changed conditions kept the project team on their toes, but through prompt, proactive communication and a diligent crew, the work was completed on time and on budget. All parties involved counted this project a success and are looking forward to working together again; but hopefully not at this location for some time.



STRUCTURAL is proud to support the Baltimore-Washington Chapter of ICRI.

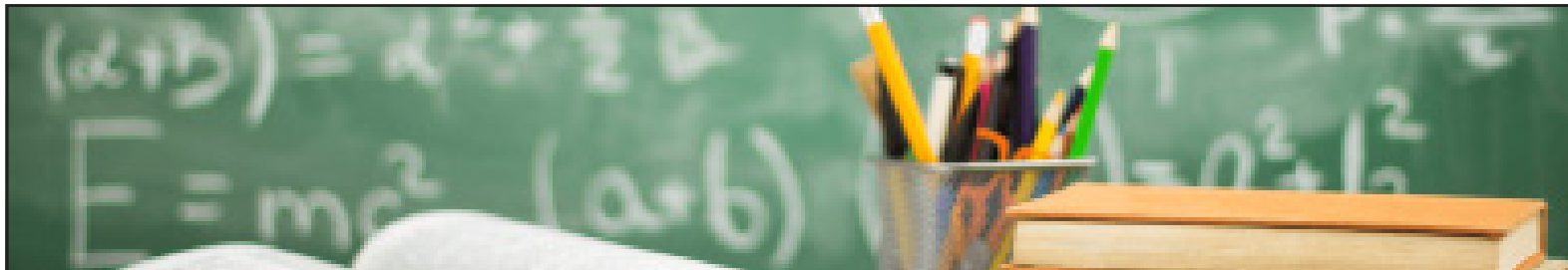
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## ICRI BW Chapter Scholarship Program

**APPLICATIONS AVAILABLE APRIL 15, 2022 AT [WWW.ICRIBWCHAPTER.ORG/SCHOLARSHIPS](http://WWW.ICRIBWCHAPTER.ORG/SCHOLARSHIPS)**

Each year, the chapter offers both an academic and industry scholarship to qualified individuals. Criteria and eligibility rules and applications can be found on our web site under the heading **SCHOLARSHIPS AND AWARDS**.

### **CONTINUING EDUCATION SCHOLARSHIP PROGRAM GUIDELINES AND APPLICATION 2020 (ACADEMIC)**

Each scholarship granted under this program may be up to \$1,000.00, plus a one year individual membership in the National ICRI and the Baltimore Washington Chapter of ICRI. The award shall be for one year. Applicants may reapply for subsequent years. The Scholarship Award may be used towards an accredited institution of higher learning, professional certification program or a continuing educational program. The winner will have to submit an accountability of the Scholarship Award.

### **CONTINUING EDUCATION SCHOLARSHIP PROGRAM GUIDELINES AND APPLICATION 2020 (INDUSTRY)**

Each scholarship granted under this program may be up to \$1,000.00. The award shall be for one year. Applicants may reapply for subsequent years. The Scholarship Award may be used towards an accredited institution of higher learning, professional certification program or a continuing educational program. The winner will have to submit an accountability of the Scholarship Award.

**Questions: Dominic Huey: [dhuey@structural.net](mailto:dhuey@structural.net) or call at 443-293-6395**

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# 2022 CHAPTER CALENDAR

- **February 10, 2022** -1ST QUARTER JOINT ICRI-BW/ACI DINNER MEETING MAGGIANO'S LITTLE ITALY
- **March 2022** -SOCIAL EVENT – TBD
- **April 3-6, 2022** -ICRI NATIONAL 2022 SPRING CONVENTION – BALTIMORE, MD
- **April 15, 2022** -SCHOLARSHIP APPLICATION AVAILABLE
- **May 12, 2022** -2ND QUARTER DINNER MEETING - LOCATION TBD
- **June 17, 2022** -CALL FOR OUTSTANDING PROJECT APPLICATIONS
- **July 2022** -CHAPTER SOCIAL EVENT – TBD
- **August 10, 2022** -ICRI-BWC BOARD MEETING – SK&A OFFICE
- **September 8, 2022** -3RD QUARTER DINNER MEETING - MAGGIANO'S LITTLE ITALY
- **September 16, 2022** -OUTSTANDING PROJECT SUBMISSIONS DUE
- **September 16, 2022** -SCHOLARSHIP APPLICATIONS DUE
- **September 26, 2022** -2023 BOARD OF DIRECTORS NOMINATIONS PUBLISHED
- **October 6, 2022** -ANNUAL GOLF TOURNAMENT – WAVERLY WOODS
- **October 1, 2022** -ICRI NATIONAL 2022 FALL CONVENTION – LOCATION TBD
- **November 10, 2022** -ANNUAL MEMBERS MEETING & OUTSTANDING REPAIR PROJECT 2022 AWARDS BANQUET -
- **December 8, 2022** -2022 FALL TECHNICAL SEMINAR - CP&R'S MAIN OFFICE



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|---|--|

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## 2021 ICRI Baltimore-Washington Chapter Fall Technical Symposium

On December 2, 2021, the BWC Chapter held its annual Fall Technical Seminar. Organized by the Program Committee Chair, Tom Ouska, the program included presentation on corrosion and concrete deterioration, non-destructive evaluation (NDE) equipment, new water-based technologies for concrete restoration, updates to ICRI's 240.4R guideline and a forensic engineering case study from the Florida International University pedestrian bridge collapse. Olson Engineering also provided hands-on demonstrations of various NDE equipment. More than 70 members registered and attended the event which was graciously hosted at the Concrete Protection and Restoration (CP&R) offices in Baltimore, MD.





# 2022 CHAPTER OFFICERS & BOARD OF DIRECTORS

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Thanks to all our chapter sponsors!

**2022 Sponsorship Renewals are Underway**

**Contact John Mimm if you need a renewal invoice.**

Chapter Sponsorship plays a big role in the success of our chapter. Support from our member companies allows us to continue to host events that provide meaningful information and networking times for all our members. The chapter offers five different levels of sponsorship with a wide variety of exposure opportunities so there are options for every budget. If you haven't sponsored before, consider signing up for 2022 and enjoying all the benefits of chapter sponsorship.

Full details, sponsorship benefits and associated costs are all available [ON OUR WEBSITE.](#)



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