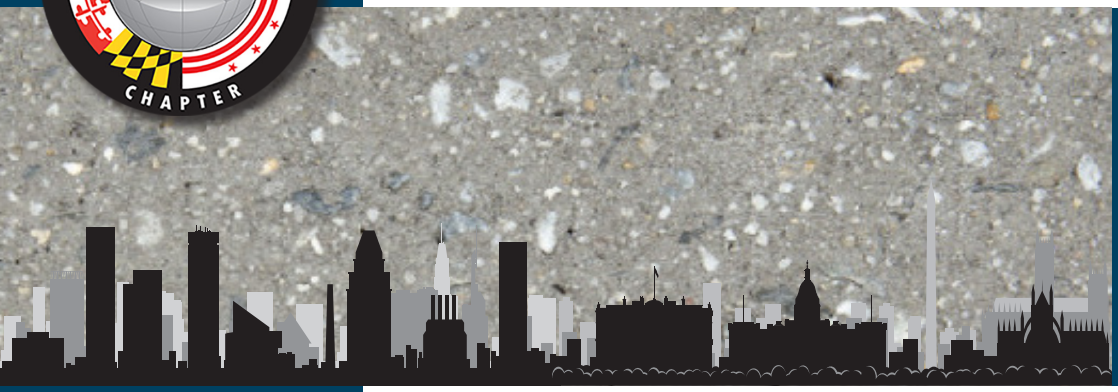
3rd Quarter
2018

The Aggregate

The Newsletter of the Baltimore·Washington DC Chapter of ICRI



In This Issue:

Chapter Calendar

Chapter Dinner Meeting
September 13, 2018

Outstanding Project Awards Submission Deadline
September 21, 2018

Scholarship Applications Deadline
September 27, 2018

Fall Golf Tournament
October 4, 2018

MARK YOUR CALENDER:
Outstanding Project Awards Banquet:
The Hotel at University of Maryland
7777 Baltimore Ave
College Park, MD 20740
November 1, 2018

Visit us at:
icribwchapter.org

Message from our President

Bobby Radcliff
Engineering & Technical Consultants, Inc.

Greetings Chapter Members! It is that time of year again where I am sure we are all incredibly busy. This summer has been somewhat unique with all the rain we had in the month of July. Hopefully, this has not adversely impacted your on-going projects.

One of our 2018 Chapter goals is increasing membership including recruitment of student members. We cannot do this alone. If your membership has expired, please renew. If you know anyone in our industry that is not a part of ICRI, you can always send their contact information to the Membership Chairman (Adam Hibshman). For the student recruitment, we have reached out to the University of Maryland (James Clark School of Engineering) and are in the process of coordinating a presentation this Fall about ICRI and concrete restoration with the students and faculty. If you are interested in participating, please contact the Education Committee Chairman (Nick Henn).

We have several fantastic events (both local and National) scheduled for this Fall. Below is a summary of the events. Please visit the chapter website www.icribwchapter.org for more information such as event dates, details, registrations and schedules.

•Our third quarter dinner meeting will be held on September 13, 2018 at Maggiano's Little Italy in Washington, DC. Make sure you do not go to the Mclean restaurant by mistake. We are finishing up the details for the presentation and a meeting flyer is included in this newsletter.

•The submission deadline for the Outstanding Repair Project Awards is September 21, 2018 and will be here before we know it. This program provides you with an opportunity to share the challenges, successes and accomplishments of your project with your colleagues. The top three projects will be presented at the November dinner meeting. I know we are all busy this time of year, but please try to submit a project. We would like to have a good competition this year. For submission details, visit the chapter website.

•The Scholarship (academic and industry) Applications are due on September 27, 2018. Our scholarship budget is $9,000 this year, which is generally higher amongst all of the Chapters and the National level. Nick Henn is chairman this year and is available to answer any questions you may have. The scholarship applications can be downloaded from the chapter website.

•The 27th Annual Golf Outing is scheduled for October 4, 2018 and we will be returning to The Timbers at Troy again this year. David Bickel and Kevin Kline are organizing the event this year and are available to answer questions. I look forward to fun competition and seeing Adam Hibshman's golf swing (FORE).

•The fourth quarter dinner meeting (annual awards banquet) is scheduled for November 1, 2018 and will be held at The Hotel at the University of Maryland located at 7777 Baltimore Avenue College Park, MD.

•The Fall Convention will be held in Omaha Nebraska on November 7 - 9, 2018 at the Omaha Marriott Downtown at the Capital District. The theme will be on "resiliency above and beyond concrete restoration". As always, I am sure we will have a great turnout of our Baltimore/Washington membership. Registration and the convention itinerary will be available in the coming weeks on the ICRI website www.icri.org. If you have not attended a National ICRI convention, it is a great way to network with your peers in the industry, get involved on the National level and increase your knowledge through their informative technical seminars.

•The Annual Fall Seminar will take place on December 6, 2018 at Concrete Protection & Restoration's office. More information to follow.

As always, please check our Chapter website for the calendar of events for this year as well as Chapter updates. Please reach out to myself or any of the other officers or Board members with any questions and/or concerns. I hope to see everyone at our next dinner meeting.

Getting Paid: Mechanic's Liens & Payment Bond Claims

By Kenneth K. Sorteberg, Esquire
Huddles Jones Sorteberg & Dachille, PC

The flow of money on construction projects can often be frustratingly slow, even where the amounts owed are not seriously in dispute. This is especially true if you are a lower tiered subcontractor or if you are waiting for change orders to be processed. One way to help speed up the payment process is to put pressure on the "bottleneck." The bottleneck could be the lender, the owner, the general contractor or an upstream subcontractor. Methods of applying pressure depend upon whether the project is public or private.

Public construction projects almost always require payment bonds to be posted by the prime contractor. The first step is to obtain a copy of the payment bond from the public agency. The public agency is required by law to provide a copy of the payment bond to subcontractors on the project. The next step is to send a certified mail bond claim letter to the bonding company, to the public agency and to the prime contractor. The bonding company, and sometimes the public agency, will typically pressure the prime contractor to resolve the payment issue. If the problem is unprocessed change orders, the bond claim can trigger a meeting between the prime contractor and the agency.

Private projects are subject to mechanic's liens. (Generally, public projects are not.) Sending out a certified mail mechanic's lien notice to the property owner, to the tenant and to the prime contractor will typically result in a very quick reaction from the owner and/or tenant.

The beauty of these two methods is that the cost and effort of sending out the appropriate claim letter is minimal, while the result could be to get the money flowing sooner rather than later.

Kenneth K. Sorteberg, Esquire
Please feel free to contact Ken Sorteberg at 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.

Randall Kratz
District Manager
MD, DC, & N. VA
410-336-3757
kratz.randall@us.sika.com

Emergency Action Plans (EAP)

By David Caple, COHC, CEAS,
Construction Safety and Health Specialist

In the event of an Emergency how many of your employees know what to do? Where to meet? Who to call? No two Restoration Projects are completely the same. Therefore, even if you think you have a grasp of the basics of what to do in the event of an emergency, it is important that you know the specifics of the site where you are working and how to respond at that particular location. Without a plan in place, an emergency can quickly become a catastrophe. Emergency Action Plans should be in writing, posted at the jobsite, and reviewed with the employees on site by their supervisor. When preparing an EAP ask yourself:

1. *What is the emergency escape route from this site? and,*
2. *Where is the rally point or the location all the employees should meet once out of the worksite?*
3. *Will any employees be responsible for critical operations before they can evacuate (such as shutting down equipment or assisting others)? a. If so, have them perform a small drill or mock evacuation so the scenario doesn't seem so foreign in the event of an emergency.*
4. *Who is First Aid Trained on the Worksite?*
5. *Who are the emergency contacts and what services do they provide?*
6. *How will employees not present be notified of the situation?*

If you can answer these few questions you are already on your way to completing your EAP. An alarm or horn may be considered for alerting the employees to specific emergencies. This will also alert employees with certain responsibilities during an emergency they need to respond. Be sure to review the plan when the job begins. Review the plan with all new employees to the worksite and anytime there is either a change in the plan itself or a change in the work environment, be sure to alert all workers how the changes impact what their response should be. During a toolbox talk or a safety walk is a good time to review this information. These are just the first steps in developing a basic plan. For more complex worksites with multiple work stations and/or spread out activities a more detailed plan may be required. Contact your safety department or a safety consultant for assistance in developing plans which require more detail.

ICRI BW Chapter Scholarships and Outstanding Repair Projects

APPPLICATIONS AND SUBMISSIONS NOW BEING ACCEPTED

The chapter is currently accepting applications for both of our scholarshps as well as submissions for our 2018 Outstanding Repair Projects awards.

CONTINUING EDUCATION SCHOLARSHIP PROGRAM GUIDELINES AND APPLICATION 2018 (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. **APPLICATION DEADLINE IS SEPTEMBER 27, 2018**

CLICK FOR DETAILS AND APPLICATION

CONTINUING EDUCATION SCHOLARSHIP PROGRAM GUIDELINES AND APPLICATION 2018 (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. **APPLICATION DEADLINE IS SEPTEMBER 27, 2018**

CLICK FOR DETAILS AND APPLICATION

Contact Nick Henn with any questions: nhenn@etc-web.com or (410) 312.4761

OUTSTANDING REPAIR PROJECT AWARD

Each year, the BW Chapter of ICRI presents awards for recognition for exceptional and innovative repair projects in the Baltimore/Washington, D.C. area. To be eligible, repair and/or restoration must be the major aspect for the overall project. This is defined by at least 25% of the project costs being associated with the repairs and/or restoration scope of work. The repair and/or restoration portion of the project must be performed, designed and/or supplied by an ICRI Baltimore-Washington Chapter member, in good standing and the project submitted for consideration must be completed between June 1st the year prior to the Award (2017) and by May 31st of the year of the Award (2018). A single phase of a long term project may be submitted provided it meets the above completion timeline. Maximum of one (1) award per individual ICRI Baltimore-Washington member or member-company with multiple submittals. **SUBMISSION DEADLINE IS SEPTEMBER 21, 2018**

CLICK FOR DETAILS AND APPLICATION

Contact Brian Radigan with any questions: bradigan@tremcoinc.com

ICRI Baltimore Washington Chapter
2018 Annual Golf Tournament

Thursday, October 4th, 2018

SCHEDULE:

7:30 am Registration
8:30 am Shotgun Start
1:30 pm Lunch & Awards

REGISTRATION:

Single Golfer: $175
Foursome: $700

The Timbers at Troy
6100 Marshalee Drive
Elkridge, MD 21075
www.timbersgolf.com

****REGISTRATION DEADLINE IS SEPTEMBER 21, 2018****

Player Name | Company | Shirt Size/Gender

_____

_____

_____

_____

Contact Information for yourself or your team: _____

Name | Phone | Email

- ☐ **$2000 Luncheon Sponsor** (Includes free foursome and sign at lunch table)
- ☐ **$1500 Beverage Cart Sponsor** (Includes 2 free golfers & sign on beverage cart)
- ☐ **$1000 Hole in One Sponsor** (Includes 2 free golfers and sign at hole)
- ☐ **$1000 Putting Contest Sponsor** (Includes 2 free golfers and sign at putting contest)
- ☐ **$500 Breakfast Sponsor** (Includes sign at breakfast table)
- ☐ **$500 Range Ball Sponsor** (Includes sign at range)
- ☐ **$400 Competition Sponsor** (Includes sign at hole. 4 available competitions: Men's/Women's Longest Drive, Men's/Women's Closest to Pin)
- ☐ **$200 Hole Sponsor**

Golf Tournament Sponsorship Opportunities

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410-298-2669 ext. 512

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Exterior Restoration of a WPA-era Civic Building U.S. Post Office Building Fort Worth, Texas

This article is being adapted and reprinted with permission by Prosoco and is based on an article originally written by Colette Taber. Photos courtesy of BRW Architects and Ashley Tullis Photography.

By any definition, the main Post Office building in Fort Worth, Texas, is a commanding presence. Located on the southern edge of the city's central business district, the massive, three-story, rectangular structure occupies an entire 1.5-acre city block and is bounded by two key throughways, Lancaster and Jennings avenues. The reinforced concrete structure was constructed in the early 1930s, and its cut-limestone exterior was a uniquely regional interpretation of Beaux Arts/Classical Revival architecture by the American master Wyatt C. Hedrick.

The Downtown Station (U.S. Post Office Fort Worth) possesses a flat roof balanced above the second floor and surrounded by a narrow, U-shaped third floor. Clad in Cordova cream limestone quarried near Austin, the building features a foundation perimeter wall and steps made of Texas granite. With a stately and prominent public face, the north façade boasts a 17-bay central block containing 16 colossal-order, unfluted columns of limestone. The regionally influenced Corinthian capitals consist of shorthorn cattle, acanthus leaves, and longhorn bucrania—a nod to the importance of the cattle industry and its economic impact on Fort Worth.

The main Post Office is one of the most significant Beaux Arts and Classical Revival building in the Dallas–Fort Worth–Arlington metropolitan area. Restoring and preserving its ornate public face pays tribute to local master craftsmen and artisans.

Not your run-of-the-mill Post Office

Although Wyatt C. Hedrick's monumental civic building was built adjacent to the Texas and Pacific Railway Complex, the architect diverged from the Art Deco design of the nearby passenger terminal and warehouse. The Fort Worth Post Office opened on Feb. 22, 1933, the anniversary of George Washington's birthday and two years after the Texas and Pacific buildings were completed. In size, aesthetics, and continuous use, it stands out both among its peers and neighboring architecture. Although the general expectation during this time was to make the Post Office the most significant classical building in a small town, this premise did not typically hold true for large cities, like Fort Worth.

In the first half of the last century, the construction of massive public buildings became commonplace in the urban landscape. Neo-Classical architecture was typically favored for federal buildings. The Fort Worth U.S. Post Office is not unusual in this respect, but the ornate, classically inspired Texan motifs are singular in their fineness and in their charm.

No small achievement, the Fort Worth Post Office has provided postal services to the surrounding community since its 1933 opening. All earlier Post Offices have been demolished, leaving this building with the special distinction of having the longest continuous association with mail delivery in the county. Furthermore, there have been no major changes to the structure at any time; "its integrity remains intact," as per the National Register of Historic Places.

Helping historic buildings weather modern times

For several decades, the Fort Worth Post Office was subjected to an elevated portion of Interstate Highway I-30 constructed parallel to the building's Lancaster Street frontage. This portion of the highway was eventually demolished and relocated to an area one block south of the site. By then, the damage to the Post Office was already done — and was extensive.

Carbon staining, usually dark brown, gray or black, is a typical result of repeated exposure to automobile traffic and burning of fossil fuels (coal, oil, gasoline, etc.). These pollutants leave a sticky, water-resistant film over the face of the substrate. Airborne pollutants adhere to the film and progressively accumulate on the surface. On acid-sensitive carbonate surfaces, like the Fort Worth office's Cordova cream limestone, acid rain further erodes carbon accumulation from projecting elements, resulting in pronounced streaking. Carbon stains also accumulate in carved recesses that are not exposed to rain washing. When exposed to heavy pollution, many of these substrates can develop carbon stains that obscure the entire surface.

Environmental elements can also affect metals, such as copper, brass, and bronze. Specifically, a black, green, or greenish-blue stain may appear on surfaces near these metals. This staining is caused by exposure to atmospheric elements causing oxidation of the architectural metals containing copper. Water mobilizes the staining from adjacent metals and transfers it to the substrate. The Fort Worth Post Office's copper and bronze embellishments experienced residue staining resulting from this exact scenario.

Helping buildings withstand the test of time is a central mission for PROSOCO and for the talented preservation and restoration specialists with whom the company collaborates. With each project, PROSOCO builds on a foundation of experience, innovation, and expertise developed over time.

Recent restoration work in 2015 at the Fort Worth Post Office included a low-pressure spray cleaning of all exterior surfaces (steps and walls), abatement, re-cleaning, and new paint for all exterior windows. Dallas-based Brown Reynolds Watford Architects (BRW) teamed with PROSOCO representatives to identify the most appropriate and effective cleaning methods to address the Post Office's specific challenges. BRW Architects and the team at RK Holmes Company (a long-time representative of PROSOCO products) decided on a multi-step process involving specialized exterior cleaning products containing alkaline agents capable of a precise, targeted application.

Righting a past wrong: Sandblasting

Since the 1960s, many cities have banned the use of abrasive grit-blasting for cleaning purposes on historic and aged buildings. This move recognizes that the practice can be incredibly damaging to masonry. Sandblasting significantly expands the surface area, exposing malleable stone to further erosion and dusting. In addition to causing physical damage, sandblasting ultimately creates an ideal environment for biological organisms to multiply and thrive in dark, moist surface crevices. "The stain can go deeper, down into the pore structure," said Sarah Holder, preservation specialist at PROSOCO. Perversely, this "cleaning" strategy results in staining that becomes more prominent with increased water retention.

In the 1960s, well-meaning caretakers used sandblasting to clean the Fort Worth Post Office's delicate Cordova cream limestone, which had the unintentional effect of causing irreversible damage to the building's façades. That, combined with the construction of an interstate adjacent to the main Post Office, facilitated a significant increase in the building's general capacity to attract dirt and grime, resulting in both biological and atmospheric staining.

A deep knowledge base in specific regional materials and staining patterns has proven a valuable resource for trouble-shooting deep-seated stains like those on the Fort Worth project. In the last few decades, PROSOCO has cleaned many notable historic buildings in Texas made with the same Texas-quarried Cordova cream limestone on the Fort Worth Post Office. Projects also benefit from PROSOCO staff's technical proficiency with historic masonry and ability to address the kind of damage associated with sandblasting and other cleaning practices.

PROSOCO's response, in 1982 and again in 2015, involved specialized alkaline cleaners, an effective strategy for working with relatively pure calcium carbonate materials, such as the porous limestone used to construct the post office. The ongoing deterioration resulting from the 1960s sandblasting further reinforced the need to find a cleaning method that limited the potential for any additional adverse effects.

In 2015, PROSOCO's cleaning approach involved a two-step process, a prewash followed by an afterwash. This utilized a non-acidic, alkaline gel prewash that's highly effective at dissolving heavy carbon crusts but capable of precise application for spot-cleaning. When used properly, the prewash dissolves and assists in removing heavy carbon encrustations from most masonry, including brick, terra cotta, sandstone, and limestone.

After using the prewash, the team determined the masonry needed to be neutralized with a specially formulated afterwash. This process ensures that cleaning residues are completely removed and that the masonry retails its natural color and appearance. The afterwash is a very mild, organic, acid-cleaning compound that will not damage or alter masonry, and it also works well in humid environments, making it ideal for Fort Worth's climate. In the case of the Post Office project, it was important to minimize any potential for additional water-related deterioration resulting from the sandblasting. "You want to be sensitive to particularly vulnerable, acid-sensitive surfaces, which means considering appropriate dwell times and dilution rates," said Holder. For example, the prewash can be diluted or used in concentrate with a dwell time of 30 minutes to 2 hours. This flexibility allows for the user to test various dilution rates at different contact times to determine the best fit for this job. The goal is to affect change in different ways and in response to different challenges, because, according to Holder, "Each product is specially formulated to target a specific staining mechanism on a particular substrate. Its performance can be impacted by dilution rates, dwell times, condition of the substrate, and environmental factors."

This system was a particularly effective strategy, as the Fort Worth Post Office is in a high-pollution area and, as a result, had experienced significant blackening by deep-seated carbon and biological stains. Many of these stains could have been targeted with acid-based cleaning compounds, but the selected system was the best choice for the staining, masonry and its condition.

The power of testing

An extensive testing process leads to a more substantive understanding of how to treat specific kinds of stains on each type of masonry. Each product has a different purpose and use, which lends itself to a systematic approach like changing the dilution rate in small increments to evaluate the impact to the masonry.

And no two job sites are identical. Job site testing accounts for all the real-life circumstances and specific needs of the project – phasing, equipment staging, access to water, coordination with municipalities, and environmental factors like site protection, temperature, humidity and so on.

The objective is to identify the right solution for the right space at the right time. Testing gives designers and contractors the advantage of being able to select the product or products best suited for a substrate and associated conditions. Weather conditions, especially humidity and temperature volatility, can affect product performance. Therefore, data derived from test performance panels that are tested under actual field conditions are the best bet for accurate and comprehensive findings.

The Fort Worth team started with small test panels and then progressed to larger panels capable of accurately predicting the stain removal process under varied conditions.

"*The team started with the mildest products and then troubleshooted square foot by square foot until the desired results were achieved,*" said Weston Sherrill of RK Holmes Company, the PROSOCO representative familiar with this project.

Another bonus: PROSOCO representatives were already familiar with this particular Texas-quarried limestone. Throughout the testing process, they used their understanding of the substrate to target the staining and predict the performance.

Significantly, PROSOCO's cleaning solutions for the Fort Worth Post Office, both in 1982 and again in 2015, were custom-designed to address the substrate, conditions and staining mechanisms. The building didn't require one solution but many, depending on which substrate (and which aspect of the deep-seated staining) needed attention. The response (both times) was demonstrative of a company-wide commitment to identifying a series of strategies responsive to the aspects of a project: specific solutions for specific problems.

First impressions count: Rethinking value and use

Cleaning the Fort Worth Post Office's façade was a game changer in several ways. Such a high-profile refresh increased public visibility — and concern — for the Post Office building, which in turn increased the property's marketability. As important, the modernization of the building was accomplished while preserving the local materials and the expert craftsmanship of local artisans. Because all aspects of the restoration were "done properly," from neighborhood relations to the preservation tactics to the cleaning, said Steve Elliott of BRW Architects, we have a "fresh new building."

The U.S. Postal Service ultimately decided to remain in the building, retaining the facility for postal operations and for new and improved expanded customer retail services. Today, the Post Office has re-established its importance to the Fort Worth community, which has embraced the facility as an important resource for expanded social services, including a retail center and passport office.

ICRI BALTIMORE WASHINGTON 2nd QUARTER DINNER MEETING
That's Amore - Rockville, MD

by Mike Payne, P.E, PMP. | Facility Engineering Associates, P.C.

ICRI-BWC members enjoying a family-style Italian dinner at That's Amore restaurant duing the 2nd quarter dinner meeting.

As has been the recent trend with the organization, the ICRI-BWC 2nd quarter dinner meeting was held at a new venue, That's Amore restaurant in Rockville, MD. Similar to the often-well-attended Italian-themed dinner meetings held at Maggiano's in Tysons, VA, That's Amore provided members a private space with family-style Italian cuisine that more than filled the appetites of attendees as discussion and presentation began.

Current President, Bobby Radcliff, provided a recap of recent events, including the Autobahn racing night, and an overview of things to come. This included a possibility of some additional events such as paintballing, top golf, and even a casino night. More details to come. Bobby requested a call for technical articles for inclusion into the Aggregate, and proposed a push to sign up more student members to improve outreach through 2018. A reminder was given that student scholarship applications were again available for 2018 and the deadline to apply was September.

Bobby introduced the night's speaker, Keith Kesner, Phd, P.E., to discuss the meeting's main presentation on an overview of ACI 562-16. ACI 562 is the "Code Requirements for Assessment, Repair and Rehabilitation of Existing Concrete Structures" which was jointly developed by ACI and ICRI in 2014 and updated in 2016 to provide minimum requirements of assessment and repair design of existing degraded concrete structures. Keith provided a quick overview of the actual standard and the supplemental guide to it, as well as provided insight to some stark changes that occurred in the development of the 2016 edition. With intentions to push for integration and adoption into the International Existing Building Code (IEBC), the 2016 version included improved definitions of technical terms and additional consistency with ASCE and ISO standards. Although not adopted into the 2018 version of the IEBC, Keith indicated that the ACI 562-16 document was still appropriate for adoption into a stand-along code and was being considered for the next cycle for the IEBC.

Keith Kesner, PhD, P.E. presenting on ACI 562-16

According to Keith, ACI 562-16 is broken into several main sections, including evaluation of degraded concrete, design of durable repairs, and construction of those repairs. A key aspect to the code was the term "durable", which Keith suggested could refer to a varying range of quality and longevity of repair that correlated with the expectation of the individual situation, although industry best practices were also considered. The document, along with its supplemental guide, is intended to provide a roadmap to help start the process of identifying and correcting concrete issues in existing structures as well as help guide the reader in determining the next steps to a complete and successful rehabilitation. The supplemental guide includes example problems to assist the reader in understanding some standard practices and identifying solutions to typical issues. In his conclusion, Keith again stressed that ACI 562-16 focused on the durability, adequacy, and sustainability of concrete repairs and requested the group continue its support of the document as eventual adoption into the IEBC was sought.

ICRI Baltimore Washington Chapter
3rd Quarter Dinner Meeting

Thursday, September 13, 2018

Maggiano's Little Italy At Tysons Galleria
5333 Wisconsin Ave. NW
Washington, DC 20015

SCHEDULE:

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

REGISTRATION:

Member Rate: $50
Non-Member Rate: $60
All after 2/2/2018: $60

REGISTRATION DEADLINE IS SEPTEMBER 7TH, 2018

Company: _____

Name: _____

E-mail: _____ Phone: _____

Number of Attendees: _____ Attendee Names: _____

_____

Seismic Retrofitting of a 28-Story Hotel

A presentation discussing the seismic solution for the retrofitting of a 28-story hotel located in Tehran, Iran in 2006. The hotel was built during the 1970s by a German engineering company from Stuttgart. The building is constructed of concrete and has continuous walls from the 2nd to the 28th floors. These walls partition the rooms and are made of reinforced concrete. They function as the preliminary resisting elements for seismic activity, such as during an earthquake.

Speaker: Kevin Goudarzi, PE
Kevin is a project manager at KGS Construction and has a Master degree in civil engineering. He has more than 20 years of experience in structural strengthening, historic preservation, and seismic retrofitting of different type of structures like buildings, bridges, metro stations, industrial buildings, etc. He is a licensed professional engineer in Maryland and a member of ICRI and ASCE.

Scan and email or fax this completed form to Chapter Secretary, Brian Radigan by 9/7/15. Checks may be mailed with your form or you can bring them with you to the meeting.

Brian J. Radigan
Tremco Commercial Sealants & Waterproofing, Inc.
1980 Soctts Crossing Way, Unit 201
Annapolis, MD 21401
Email: bradigan@tremcoinc.com

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ICRIBWChapter.org

The Baltimore/Washington D.C. Chapter of ICRI is seeking technical articles for publication in its quarterly newsletter, The Aggregate.

The Aggregate is the official newsletter for The Baltimore/ Washington, DC Chapter of The International Concrete Repair Institute and is published quarterly and sent to all current sustaining members of the chapter. In addition to chapter news, highlights, and possible advertising opportunities, The Aggregate includes informative technical articles on a variety of issues related to the concrete repair industry.

The ICRI BWC chapter is looking for individuals interested in contributing a technical article(s) related to industry practice or instruction, technology and design, professional concepts/issues, project profiles or any other topics relevant to ICRI members. Articles will be presented as the main article in an upcoming edition of The Aggregate. Articles do no necessarily need to be authored by an ICRI member, so please forward this request to any individual outside of the organization who may be interested in submitting. This could be a great opportunity for younger professionals to get published or for someone to share an informative or interesting lessons learned article. Please visit the Aggregate archives on the ICRI-BWC website to see the types of articles that have been published previously.

Please contact Mike Payne (mike.payne@feapc.com) with the Technical Publications Committee for more details.

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www.structural.net

Mike Miller
Estimating Manager
Structural Preservation Systems, LLC

6955 San Tomas Road
Elkridge, MD 21075
Office: 410-796-5000

Mobile: 443-250-0311
mmiller@structural.net

David J. Rodler PE
Sr. Principal
E davidr@skaengineers.com

J. Brent Stephens PE
Principal
E jbrents@skaengineers.com

SK&A Repair + Restoration
Smislova, Kehnemui & Associates, P.A.
12435 Park Potomac Avenue, Suite 300 • Potomac, MD 20854
P 301.881.1441 W www.skaengineers.com

preservation + protection systems, inc.

BRIAN BAKER

661 Main St.
Laurel, MD 20707

DC // 301-470-3745
Baltimore // 410-792-0859
Cell // 301-708-8102
www.ppsimd.com

Brian@ppsimd.com

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