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Concrete Reinforcer

A Publication of the Chicago Chapter ICRI

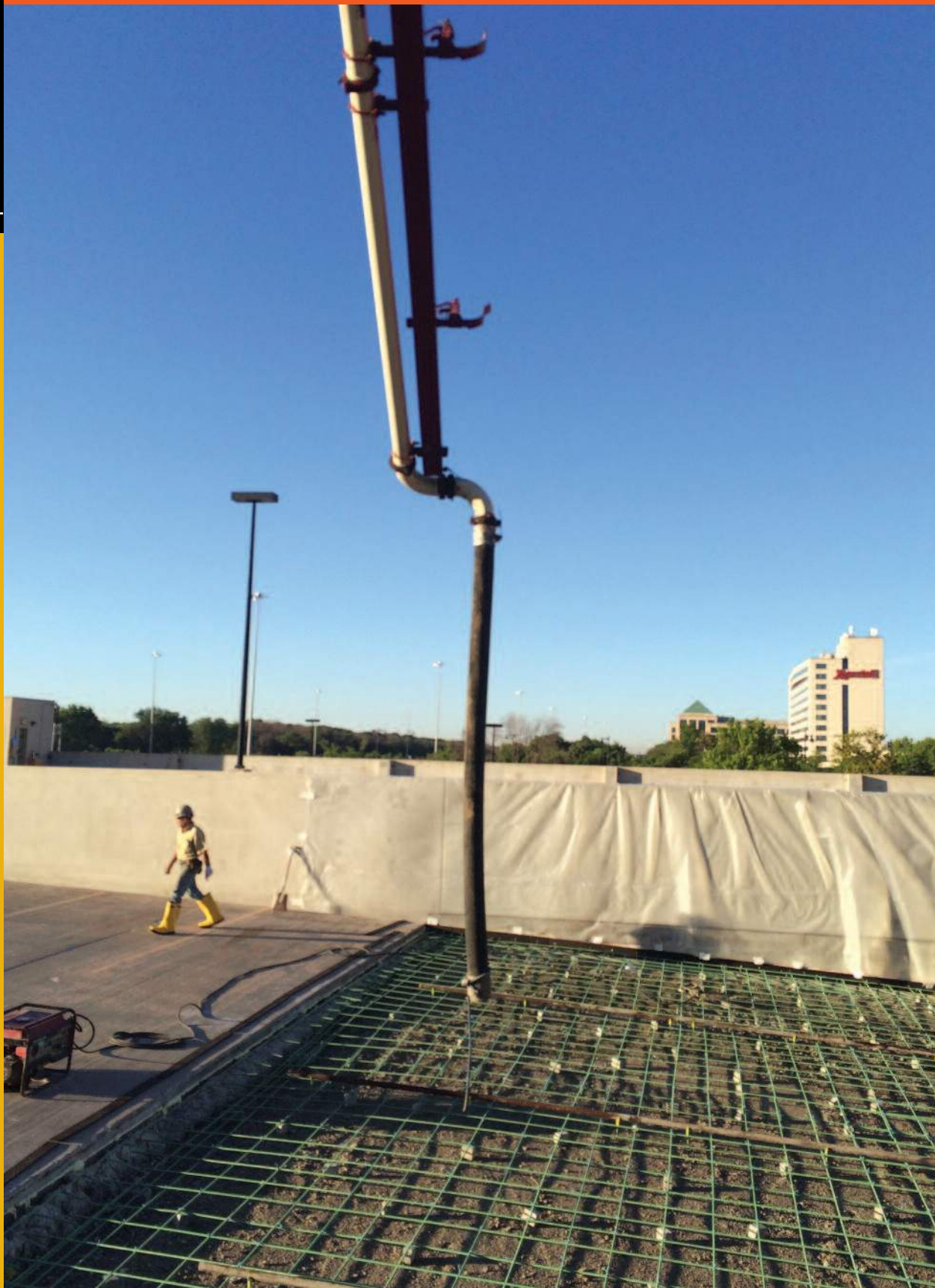


CHICAGO CHAPTER

EDUCATION COMMUNICATION PARTNERSHIP

THIS ISSUE:

- 5TH ANNUAL CHICAGO CHAPTER CUBS ROOFTOP EVENT HIGHLIGHTS
- 19TH ANNUAL CHICAGO CHAPTER SCHOLARSHIP AWARD GOLF OUTING AND FUNDRAISER HIGHLIGHTS
- APRIL DINNER MEETING HIGHLIGHTS
- FALL CONVENTION INFORMATION
- PHOTOS:
Cubs Rooftop Outing
Golf Outing
At the Convention





For more information,
contact

Craig Frier
Project Sales Representative
P: 847-767-2414
frier.craig@sika-corp.com

Nick Graziani
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P: 219-448-1416
graziani.nick@sika-corp.com

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CALENDAR OF EVENTS

NOVEMBER

- 12-14 **ICRI Fall Convention**
Theme: Mega Projects
InterContinental Kansas City at the Plaza
Kansas City, MO
- 18 **Chicago Chapter Dinner Meeting**
Topic: TBD

DECEMBER

- 9 **ICRI Holiday Social**

OUR ASSOCIATION...

ICRI, the only association in the concrete industry devoted solely to repair and restoration, publishes a bimonthly magazine and technical guidelines for concrete repair, and cosponsors the World of Concrete. Local chapters provide regional networking opportunities. Worldwide membership include contractors, manufacturers, engineers, distributors, owners, and other professionals with a common goal: prolonging the useful life of concrete through quality repair, restoration, and protection.

OUR MISSION...

The mission of the International Concrete Repair Institute is to be a leading resource for education and information to improve the quality of repair, restoration, and protection of concrete and other structures in accordance with consensus criteria.



LETTER FROM OUR PRESIDENT



As the summer season is concluding, my term as president is about half over. As I reflect on my term, I have noticed a few changes. The first is the location of our dinner venues. Due to some bad luck with the availability/closing of the restaurants, we have had to search for new locations. We thank you for your patience and hope that you have enjoyed the change. If you have any suggestions for new venues or specific locations in Chicagoland that you think would be good choices, please let me or one of the other board members know. We are always looking to improve our meeting locations.

The second change is the scholarship golf outing location. This year, we decided to move the outing to White Pines. Judging by the record attendance, it seems that the change was welcome. The White Pines course and staff embraced our organization and helped make a successful event for our scholarship event. From my conversations with fellow members, everyone had fun golfing the afternoon away. I even heard stories of people extending the afternoon and watching the sun set over the golf course from the clubhouse veranda.

Looking ahead, the fall is a busy time for everyone. We hope that you continue to support the organization and attend further events. We will have a joint dinner meeting in November and the holiday social/technical seminar in December. Please check the website for updates to the content and locations for each of these events.

I would like to conclude by asking for your help to further the organization by considering joining the ICRI Chicago Board. Without active members, it is not possible to continue our chapter. Each year, there are three board seats to fill because their term expires. Our board is actively looking for replacements. If you would like to inquire about being a board member, feel free to contact me or any of the board members directly. We would be happy to explain the commitments as well as the abundant benefits that each of us have encountered during our participation in the organization.

Thanks again to everyone for your involvement in the organization. I look forward to seeing you at the next dinner meeting!

Sincerely,

Alex Szatanek
 ICRI Chicago Chapter President



CHICAGO CHAPTER 2014 OFFICERS & DIRECTORS

The 2014 Chicago Chapter Officers and Directors are already hard at work under the leadership of our new President, Alex Szatanek.

- | | | | |
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aszatanek@thorntontomasetti.com | Vice President | Steve Genovese
Harry S. Peterson
773-638-5206
steveg@harryspeterson.com |
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Thornton Tomasetti
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awoods@thorntontomasetti.com | Chris Kottra
BTC
847-544-8191
ckottra@btcpc.com |
| Jim Fadellin
HSS
630-916-8005
jfadellin@hsshardsurfacesolutions.com | Nick Graziani
Sika Corporation
219-448-1416
graziani.nick@sika-corp.com |
| Tom Steele
Quality Restorations, Inc.
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tsteele@qualityrestorationsinc.com | Chris White
JE Tomes
708-935-2189
chris@jetomes.com |


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Financial	Sean Meracle	312-666-5245	sean.m.meracle@sherwin.com
Socials/Outings	Chris White	708-935-2189	chris@jetomes.com
Membership	Steve Genovese	773-638-5206	steveg@harryspeterson.com
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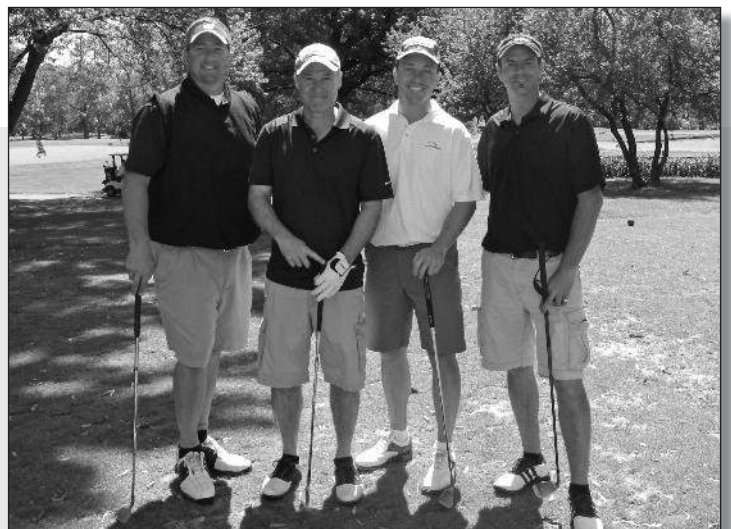
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19TH ANNUAL CHICAGO CHAPTER SCHOLARSHIP AWARD GOLF OUTING AND FUNDRAISER HIGHLIGHTS

The ICRI Chicago Chapter once again raised scholarship funds with their annual Golf Outing. This year, members and their guests enjoyed a beautiful day of golf at White Pines Golf Course on June 5th. The golf outing had its most successful year ever with a record number of participants. As usual, guests were treated to raffle prizes after Golf and lunch including a 60" flat screen TV. By all accounts, the golf outing was a resounding success.



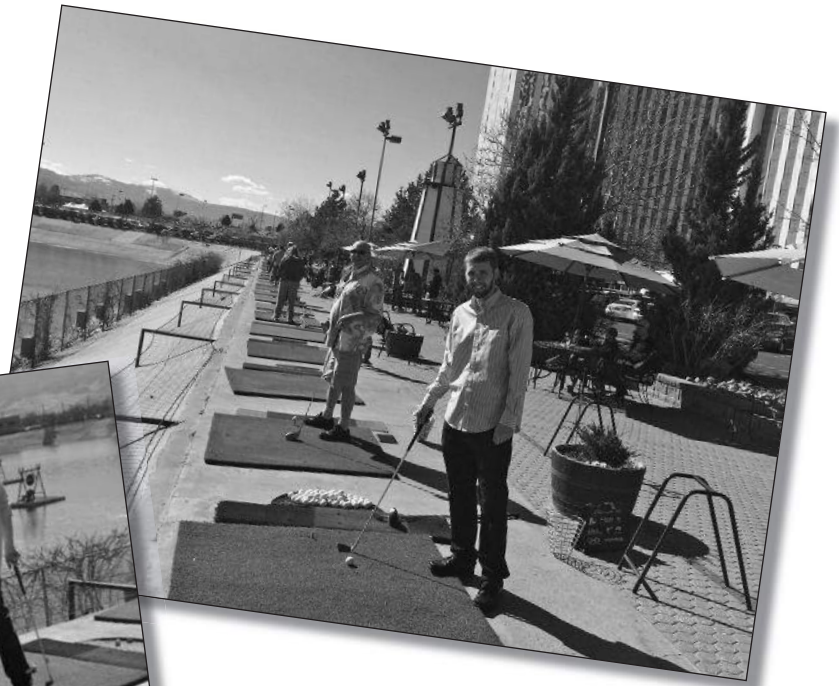
19TH ANNUAL CHICAGO CHAPTER SCHOLARSHIP
AWARD GOLF OUTING AND FUNDRAISER HIGHLIGHTS



19TH ANNUAL CHICAGO CHAPTER SCHOLARSHIP
AWARD GOLF OUTING AND FUNDRAISER HIGHLIGHTS



ICRI FALL CONVENTION: MEGA PROJECTS!



Board members Tom Steele, Chris White and Jim Fadellin at ICRI Spring Convention in Reno.

As repair and restoration professionals, sometimes you work on smaller projects, and sometimes you are a part of a larger project. And then there are the **Mega Projects**—ranging from extremely large structures, like a stadium, to extraordinarily large in scope, like an entire water system, these projects can encompass many of the things seen on multiple work sites, all in the same project. Whatever your role, you can learn a great deal from what some of the brightest minds in the industry have faced and how they stepped up to the challenge.

Join us in Kansas City so you can take advantage of the relationships you have, or can have, with other ICRI members around the country—information, education, knowledge, and experience all in one place! It all adds up to a unique opportunity for both novice and seasoned professionals to gain a greater understanding of what your peers are doing and how you can apply that knowledge to your own success. See for yourself how the advantages of ICRI membership can work for you!

For the 22nd annual ICRI Project Awards Banquet, we've revamped the celebration a bit, but you will still have the chance to celebrate the top repair projects of the year—you'll most certainly want to be there!

The ICRI Fall Convention will take place in Kansas City, MO from November 12th-14th. Reservations are available at the InterContinental Kansas City at the Plaza.

REGISTER TODAY!!

**INTERNATIONAL CONCRETE REPAIR INSTITUTE
CHICAGO CHAPTER**



Date: Tuesday, November 18, 2014

Location: TBD

Topic: Restoration of the 1911 Lorado Taft Eternal Indian historic concrete statue

ICRI is excited to team up with Landmarks Illinois and the local chapter of the Association for Preservation Technology (APT) in our upcoming dinner meeting scheduled for Thursday, November 18, 2014 to begin at 5:00pm. The presentation will be on the investigation and restoration of the 1911 Lorado Taft Eternal Indian historic concrete statue that overlooks the Rock River in Oregon, Illinois.

Lorado Taft's 50-foot tall Eternal Indian Statue (commonly referred to as the Black Hawk Statue), located at Lowden State Park, Oregon, IL, was constructed out of concrete in December 1910, then later unveiled and dedicated in July 1911. During construction the concrete was monolithically placed in lifts with a thick interior structural concrete with a hollow void in the center, and an approximately 2-inch thick exterior finish concrete. The 103-year old Statue has lived through several previous repair projects, most recently in circa 1990.



Current damage to the statue prompted the recent Phase 2 Investigation and Documentation project. Thornton Tomasetti, Chicago, IL was contracted in October 2013 to undertake this recent investigation, which is a follow-up and more detailed investigation than the previous limited study of the Statue conducted by Thornton Tomasetti in the later part of 2008.

The four purposes of the Phase 2 study are to:

- 1) Assess the current condition of the Statue
- 2) Determine the composition and chemistry of the original concrete materials used during construction of the Statue
- 3) Evaluate previously implemented repairs and treatments and how they affected the Statue
- 4) Develop restoration plan, which is slated to begin in the summer of 2014

In October 2013, a team from Dynasty Group, Chicago, IL used digital laser scanners to document the existing shape of the Black Hawk Statue. Thornton Tomasetti's Research and Development Group, New York, NY used this data to create a 3D model of the Statue. Dynasty Group also used non-destructive testing (e.g. ground penetrating radar) to determine the location of some of the reinforcing steel bars within the Statue.

In April 2014, an up-close investigation was performed by Thornton Tomasetti using an articulating boom lift to be able to access most of the Statue. During the investigation much of the Statue's surface was sounded using a metal probe to determine areas that are unsound or delaminated. Up-close observations were made and significantly damaged areas were documented. The arms, the areas under the arms, the vertical fold in the robe, and a large section in the middle of the robe of the Statue were found to have the most damage.

Presenters will be the project team:

- Amy Woods, Thornton Tomasetti
- Anne Sullivan, Sullivan Preservation
- Andrzej Dajnowski, Conservation of Sculpture and Objects Studio

Venue and official announcement will be forthcoming.

ICRI CHICAGO CHAPTER APRIL DINNER MEETING HIGHLIGHTS

On Tuesday April 22nd the Chicago Chapter of ICRI hosted a dinner meeting at Carmichael's Steak House in Chicago. The night began with a wonderful cocktail hour for great networking. The meeting topic was "Future Developments In Rehabilitation of Concrete Structures". The presentation was put on by Paul L. Kelley, (PE), Senior Principle at Simpson Gumpertz and Heger, Inc. Paul discussed concrete repair technologies that are reshaping the concrete repair industry and how they will affect us going forward. Topics within the presentation included; Nanotechnology, Corrosion Mitigation, Hydrodemolition, and Codes for Repair of Existing Buildings.

Have a great picture?

Send us your pictures of concrete repair in action and your company could be featured in the next publication of Concrete Reinforcer. Send all pictures to icrichicagophotos@gmail.com



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5TH ANNUAL CHICAGO CUBS ROOFTOP EVENT HIGHLIGHTS

We had exceptional attendance at this year at the Chicago Chapter's 5th Annual Chicago Cubs Rooftop Outing held on Friday, September 5th. Thanks again to the very accommodating staff at Skybox on Sheffield, who worked with us to get last minute attendees into the venue. The day started out beautifully and then the rains came and the game was ultimately suspended against the Pittsburgh Pirates. All of those in attendance not watching the rain delay enjoyed a great time networking with ICRI friends and the excellent food and beverages supplied by Chicago's own Goose Island Brewpub. Many thanks go out to those who attended, as well as the social events team who put together the event.



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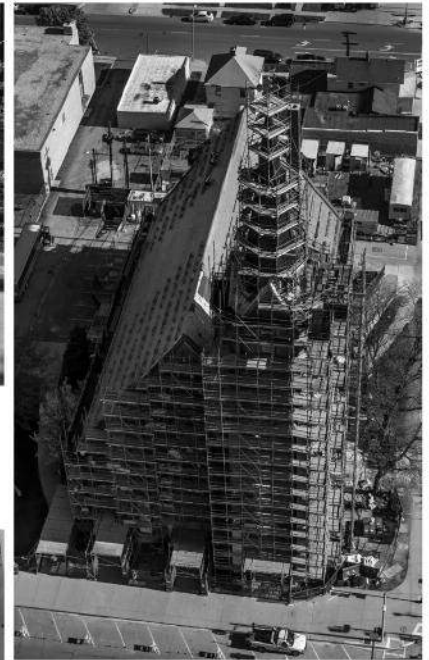
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No. 03731	Guideline for Selecting Application Methods for the Repair of Concrete Surfaces	\$ 16.00
No. 03732	Guideline for Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymers Overlays - Guideline Only	\$ 28.00
No. 03732P	Guideline for Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymers Overlays - Guideline and Concrete Surface Profile Chips	\$106.00
No. 03733	Guideline for Selecting and Specifying Concrete Repair Materials	\$ 28.00
No. 03734	Guideline for Verifying Field Performance of Epoxy Injection of Concrete Cracks	\$ 28.00
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