

Concrete Reinforcer

A Publication of the Chicago Chapter ICRI



CHICAGO CHAPTER

EDUCATION COMMUNICATION PARTNERSHIP

THIS ISSUE:

- WORLD OF CONCRETE 2019 HIGHLIGHTS
- NOVEMBER DINNER MEETING HIGHLIGHTS
- HOLIDAY SOCIAL HIGHLIGHTS
- FEBRUARY DINNER MEETING ANNOUNCEMENT
- 2019 SPRING CONVENTION ANNOUNCEMENT
- ICRI SPOTLIGHT: 2018 PROJECT AWARD

PHOTOS:

November Dinner Meeting Highlights

Holiday Social Highlights

ICRI Spotlight: 2018 Project Award



It's not just what we do, but why we do it.



The single most important thing we've learned over our history is that building matters. Combining technical expertise and motivation to bring new life and light to spaces, BACR delivers projects that make meaningful impacts for clients and the built environment.

BACR
 BULLEY & ANDREWS
 CONCRETE RESTORATION
www.bacrllc.com



Concrete Waterproofing & Repair



Performance you can count on
 Equipment • Supplies • Service • Rentals

Illinois
Addison 630-627-0000
Bolingbrook 630-739-7770
Chicago 312-942-9200
Crestwood 708-597-3110
McHenry 815-385-0420
Wauconda 847-526-9444
Indiana
Schererville 219-865-6545
Mishawaka 574-406-6800
Michigan
Dorr 616-371-7250

McCannOnline.com



Supplies
 Rebar—plain or epoxy coated
 Wire mesh—plain or epoxy coated
 Concrete forms & accessories
 Epoxies & concrete treatments
 Concrete & masonry topping & repair
 Decorative concrete products
 Waterproofing & damp proofing products

Vapor barriers
 Concrete & masonry cleaners
 Clear water repellents
 Sealants & firestop systems
 Reinforcement & paving products
 Drainage products
 And MORE!

Services
 Shop drawings
 Rebar fabrication
Rentals
 Heavy & light equipment

Damian Allen 630-878-8822 *Sales Manager*
Victor Ligocki 630-878-8766 *Account Manager*

IN THIS ISSUE

Letter From Our President	3
Calendar of Events	3
Chicago Chapter 2019 Officers & Directors	4
Committee Chairman 2019	4
November Dinner Meeting Highlights	6
ICRI Spotlight: 2018 Project Award	7-9
World of Concrete Highlights	10
February Dinner Meeting Announcement	11
2019 ICRI Spring Convention Announcement	11
Holiday Social Highlights	13

CALENDAR OF EVENTS

FEBRUARY

- 19 **Dinner Program:
Awards Program**
*Erie Café
Chicago, IL
Event Starts 5:00 PM / Dinner 6:00 PM*

APRIL

- 8-10 **2019 ICRI Spring Convention
Waterproofing with Aesthetics**
*Omni Hotel & Resorts
Jacksonville, FL*

- 16 **Dinner Program:
Topic TBD**
*Westwood Tavern
Schaumburg, IL
Event Starts 5:00 PM / Dinner 6:00 PM*

JUNE

- 6 **ICRI Golf Outing**
*White Pines Golf Course
Bensenville, IL*

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



It looks like 2019 will be a strong year for our industry, and your Chicago Chapter ICRI membership will be a tremendous resource on many levels. We are very fortunate to have evolved into an organization that is well divided into equal parts of contractors, design professionals, and material suppliers. Often we can learn just as much from the other member we sit next to at a dinner meeting, as we can from whomever is presenting.

The ICRI Board of Directors and committee members have been working hard to continue to provide our members with a valuable and useful membership. We will have a great year of educational and social opportunities for you to utilize and enjoy your membership.

You may have heard the term "it works if you work it". This definitely applies to ICRI membership and involvement. The more we put into ICRI, the more education, new relationships, and opportunities we all seem to get out of it.

We encourage you to get involved and there are many ways to do so; the simplest is to share your thoughts and ideas for future events with a board member. We want to make sure you are getting everything you can out of your ICRI Membership and your input is greatly appreciated.

We hope to see you and your colleagues at our first meeting of 2019 on February 19th at Erie Cafe. This meeting will showcase our 2018 Project of the year as well as our Award of Merit.

Thank you to all current and past board members and to our membership for making our chapter one of the best in the country.

It is an honor and a privilege to be your 2019 Chapter President and I will do everything I can to continue our path onward and upward..

Sincerely,

Tom Lawler
ICRI Chicago Chapter President



CHICAGO CHAPTER 2019 OFFICERS & DIRECTORS

The 2019 Chicago Chapter Officers and Directors are already hard at work under the leadership of our new President, Tom Lawler.

President - Tom Lawler
William Hach & Associates
(312) 208-5733
lawler@hachconstruction.com

Secretary - George Mulholland
Raths, Raths & Johnson, Inc.
(630) 325-6160
grmulholland@rrj.com

Past President - Jim Fadellin
Hard Surface Solutions, LLC
(630) 916-8005
jfadellin@hsshardsurfacesolutions.com

Treasurer - Victor Ligocki
McCann Industries, Inc.
(630) 878-8766
vligocki@mccannonline.com

Vice President - Mike Wiscons
Building Technology Consultants, Inc.
(847) 946-8401
mwiscons@btc.expert

DIRECTORS

First year director

Kurt Baron
Infrastructure-Systems, Inc.
(847) 706-9230
kurt@infrastructure-systems.com

Serving 2nd of 2-year term

Tom Lavin
The Glenrock Company
(630) 530-9600
tlavin@glenrockcompany.com

Will Kroncke
WGI
(224) 423-1739
will.kroncke@wginc.com

Kurt Moehlmann
BASF
(312) 919-7836
rpikurt@aol.com

Steven Schmitt, Jr.
Wiss, Janney, Elstner Associates, Inc.
(312) 325-0961
sschmitt@wje.com

Chris White
J.E.Tomes & Associates
(708) 653-5100
chris@jetomes.com

VISIT THE ICRI WEBSITE!

- Member Benefits
- Online Membership Directory
- Enhanced Chapter Pages
- Supporting Members
- Board Members
- Committees
- Upcoming Events
- Awards Programs
- Online Publications Ordering
- Concrete Repair Bulletin
- Advertising Opportunities
- Repair Technology

www.icrichicago.org
Chapter Website


www.icri.org
National Website

COMMITTEE CHAIRMAN 2019

COMMITTEE	CHAIRMAN	E-MAIL
Awards	Chris White	chris@jetomes.com
Communications	Tom Lawler	lawler@hachconstruction.com
Financial	Victor Ligocki	treasurer@icrichicago.org
Socials/Outings	Tom Lavin	tlavin@glenrockcompany.com
Membership	Michael Wiscons	mwiscons@btc.expert
Nominations	Tom Lawler	lawler@hachconstruction.com
Programs	Kurt Moehlmann	rpikurt@aol.com
Publications	George Mulholland	grmulholland@rrj.com
Seminars	Steven Schmitt	sschmitt@wje.com
Scholarship	Will Kroncke	will.kroncke@wginc.com

JE TOMES www.jetomes.com Top Quality Products | Dependable & Durable
 For concrete repair and restoration
 Made in the USA by JE Tomes, an American Owned and Operated Company **(708) 653-5100**

Looking for Bagged Concrete Repair Materials?
BUY LOCAL
JE TOMES & ASSOCIATES
 OWNED AND MANUFACTURED IN COOK COUNTY, IL



W. R. MEADOWS®
SEALTIGHT®
A Family Company Since 1926
 QUALITY...SERVICE...INTEGRITY

CONCRETE RESTORATION
 Concrete patches, cementitious floor repair mortars, epoxies, and more, suitable for every concrete restoration application

WATERPROOFING
 Quality concrete waterproofing products that can be used in combination as a system to create a total moisture control package

AIR BARRIERS
 Fluid-applied air barriers, sheet membranes, and vapor-permeable formulations that provide superior protection and cost-efficiency

Call **Jim Becker** at **847-214-2100** or email at **jbecker@wrmeadows.com**

For more information visit:
wrmeadows.com

LANCE
Construction Supplies, Inc.
 "The Specialty House"
 4225 W. Ogden Ave.
 Chicago, IL 60623
 Ph (773) 522-1900 Fax (773) 522-1618



David Cooper
 Concrete & Masonry Restoration
 Mobile (773) 339-1615

Visit our website
www.lanceconstruction.com

CONCRETE REPAIRS & RESTORATION
with Rapid Set®

- > 1 hour structural strength
- > Lasts twice as long as portland cement concrete



Rapid Set®

CEMENT ALL
 MULTI-PURPOSE REPAIR MATERIAL & NON-SHINK GROUT

CONCRETE MIX
 VERY RAPID HARDENING CONCRETE

MORTAR MIX Plus

VO REPAIR MIX

Contact
 Bru Bruington 708.522.2314 or Jim Hansel 708.921.2821

NOVEMBER DINNER MEETING HIGHLIGHTS

Need to strengthen your existing concrete structure, consider FRP!

Gregg Blaszak of Milliken Infrastructure Solutions presented several solutions to strengthening existing concrete structures in a presentation on November 20, 2018 at the Westwood Tavern in Schaumburg, Illinois. Gregg discussed how to properly use the New ICRI 330 Guide Specifications for Externally Bonded FRP Fabric Systems for Strengthening Concrete Structures.

Gregg's extensive knowledge of FRP systems brought great insight to finite and extensive concrete strengthening solutions. Several repair project examples exhibited the extent of FRP's capabilities.

Thanks again to Gregg and the ICRI Chicago Chapter Programs Committee for providing several educational opportunities for our members. Be sure to attend this year's dinner meetings to expand your knowledge of concrete restoration and meet other ICRI chapter members. Build new and strengthen existing relationships with ICRI members this year.



BUILDING TRUST 

CRAIG FRIER
Senior Project Sales Representative
Commercial Refurbishment, Sealing & Bonding

SIKA CORPORATION
18496 Meander Drive · Grayslake, IL 60030
Cell: 847 767 2414 · Fax: 847 223 6147
frier.craig@us.sika.com · usa.sika.com


EUCLID CHEMICAL

Heath Morrall
Territory Manager
Technical Sales

The Euclid Chemical Company
6338 Centerville Road
Poplar Grove, IL 61065

hmorrall@euclidchemical.com
Phone: 815-289-4605
Fax: 815-765-2330

www.euclidchemical.com

An  Company ISO 9001 Certified UL File #A3129

ICRI SPOTLIGHT: 2018 PROJECT AWARD

The Mid-Atlantic Region Cooling Tower Restoration Project was a challenging and large-scale repair project that took approximately 5 years to complete. The project was engineered by Wiss, Janney, Elstner Associates, Inc., repaired by multiple contractors including International Chimney Corporation and Vector Construction, and materials were provided by Vector Corrosion Technologies – Cathodic Protection, Chaney Enterprises – Concrete, and Sauereisen – Shotcrete.

STRUCTURE DESCRIPTION

The massive concrete hyperbolic shell natural draft cooling tower rises dramatically above an electric power generation plant in the Mid-Atlantic region of the United States. In service since 1975, the 400-foot tall structure serves as the main component of a closed-cycle water cooling system for a generating unit providing up to 659 megawatts of power.

The diameter of the cooling tower varies with height, creating its distinct hyperbolic shape with the throat (smallest diameter) at approximately two-thirds height. Horizontal construction joints spaced at approximately 5-foot intervals form 70 identifiable concrete placement “lifts.” The shell is 8-inches thick over its height and tapers over five lifts to a 36-inch thick bottom ring beam and over three lifts to a 26-inch thick top cornice ring. The shell is reinforced with a mat of vertical (meridional) and horizontal (circumferential) steel reinforcing bars at both the interior and exterior faces and is supported by 32 precast reinforced concrete X-columns that are approximately 60-feet tall with a 20 by 33 inch cross section.

In the mid-1980s, the exterior face of the tower shell began to experience concrete deterioration. By the early 2000s, similar issues were apparent at the supporting X-columns. Since then, concrete deterioration caused by corrosion of the embedded reinforcing steel progressed significantly, including large areas of concrete delamination and spalling at the shell exteriors, large areas of concrete delamination at the shell interiors, and cracking and delamination in the supporting X-columns.



PROJECT WORK SCOPE

Several condition assessments of the tower were conducted during the period 2006 to 2013 to characterize deterioration mechanisms and extent, assess structural integrity, and develop repairs to meet the owner-defined 25-year service life extension. The resulting comprehensive repair program, conducted from 2014 to 2018, included an engineered demolition and rebuild of the upper third of the tower as well as substantial repairs and installation of cathodic protection systems across the nearly 200,000 square feet concrete shell. Critical to plant operations, the power remained fully operational throughout construction.

Visual inspections were performed from grade, catwalks, tower ladders, the cornice, and the basin. Hands-on inspections were also performed from swing stages and aerial lifts at both the interior and exterior. During these inspections, nondestructive testing included: hammer sounding, concrete cover measurements; half-cell potential readings; inspection



windows to confirm reinforcing steel conditions; and core samples for petrographic examination and chloride content testing. Structural analyses, including finite element modeling accounting for deterioration, provided insight into the structural integrity of the tower both in its deteriorated condition as well as in projected future conditions.

In 2013 with consideration to safety, cost, and tower reliability, the owner established an objective to achieve a service life extension of at least 25 years, while repairing the tower in kind without modifying its geometry and maintaining the cooling towers in an operationally ready mode to meet contractual power generation commitments throughout repair construction. To achieve the project objective, repair strategies focused on maintaining structural integrity of the tower and mitigating against future deterioration.

REPAIR EXECUTION

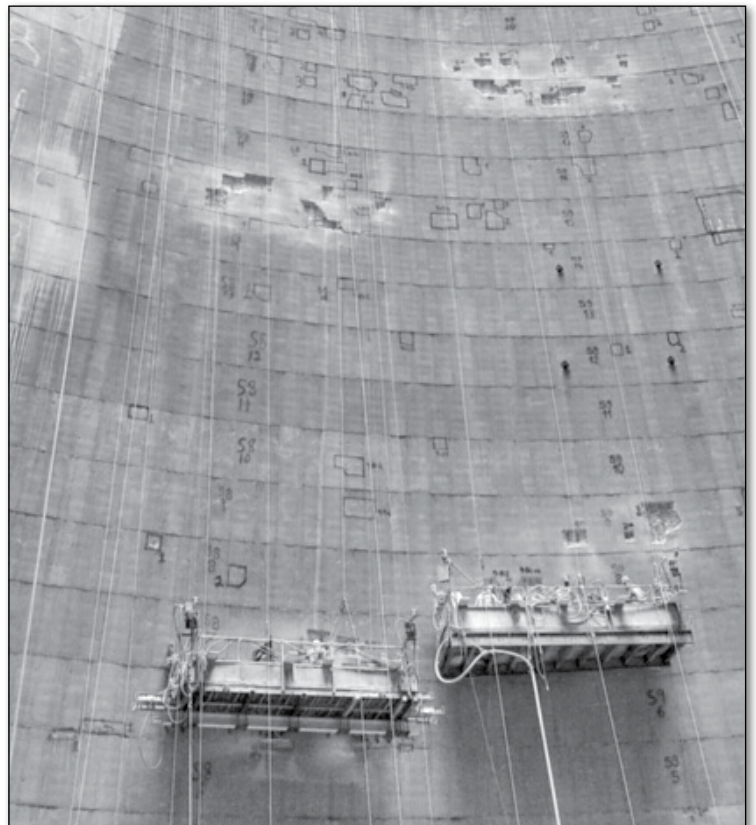
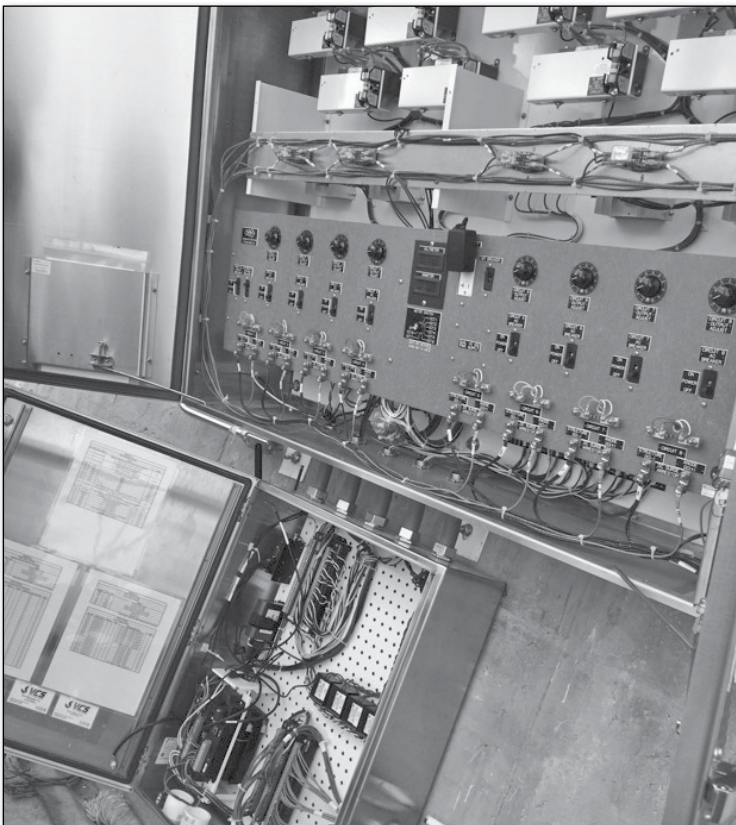
Shell Engineered Demolition and Rebuild

Demolition of the upper third of the shell was performed by saw cutting roughly 5-foot by 8-foot sections of the tower shell from project-specific fabricated moveable saddle platform rigs that traversed around the tower circumference. Cut concrete panels were secured and lowered to ground via cranes positioned around the tower. In total, approximately 60,000 square feet of concrete shell were safely removed.

Because the rebuilt upper portion of the tower interfaces with the existing 40-year-old lower portion, it was essential to understand the mechanical behavior properties of both the new and existing concrete to limit shrinkage cracking of the new shell section due to restraint from the existing tower section as well as manage thermal-induced deformations of the large diameter shell.

Shell Repair

Partial-depth and full-depth concrete repairs using dry-mix shotcrete were performed on the lower two-thirds of the interior and exterior faces of the shell. Exterior face access was provided by the proprietary climbing work platform used during the rebuild, and the interior face was accessed from heavy duty suspended platforms. Repairs followed ICRI and ACI guidelines and shotcrete nozzlemen were prequalified on-site specifically for the project.



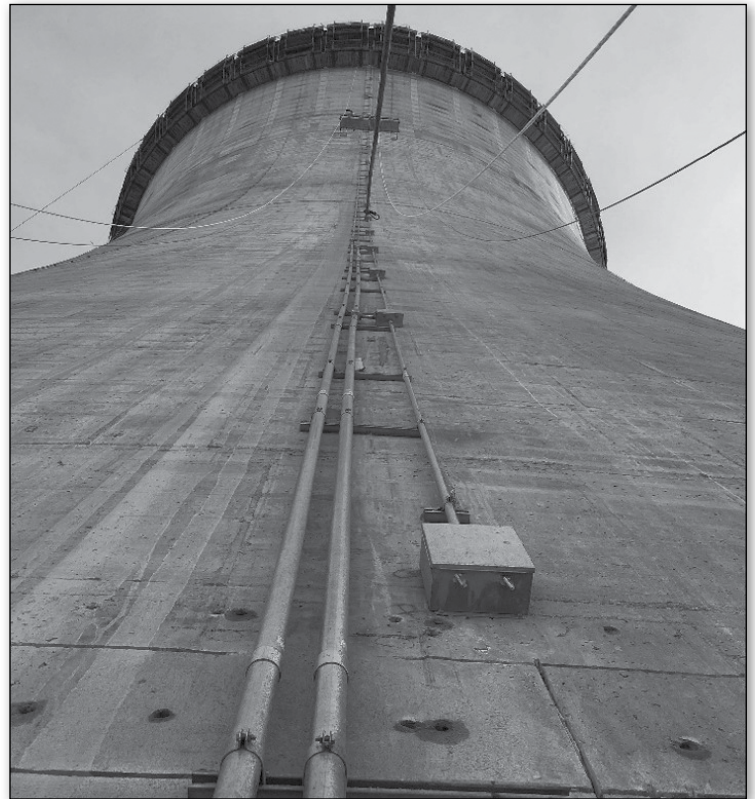
X-Column Cathodic Protection

The X-column environment is wet and subject to a wide range of service temperatures (0 °F to 125 °F). The GCP jackets are comprised of alkali-activated zinc anodes installed on the column faces that are encapsulated with cement grout inside stay-in-place fiber reinforced polymer forms. The galvanic system essentially operates as a low-voltage battery supplying protective current to the column reinforcing steel. Four X-columns were instrumented with reference electrodes to monitor and assess the GCP performance over time.

Shell Cathodic Protection

Three types of ICCP systems were used at different sections of the shell. In the heavily reinforced, thickened concrete base of the shell, over 4,300 discrete titanium suboxide ceramic tube anodes were installed in drilled holes and grouted into the center of the thick wall section to provide protection to both the interior and exterior reinforcing mats. Mixed metal oxide-coated titanium ribbon mesh anodes, grouted into slots cut in the exterior surface of the shell using ionically conductive cement grout provide protection to both mats of reinforcing in the 8-inch thick shell section. In the reconstructed upper shell portion, ribbon mesh anode was installed between the reinforcing layers prior to placing the concrete. In the rebuilt shell, the ICCP is only “trickled” to prevent corrosion from initiating. In total, over 6 miles of ribbon mesh anode were installed.

The ICCP system is comprised of forty-eight individual zones, each with four embedded reference electrodes to monitor the polarization of the steel reinforcement and allow for variable adjustments in current throughout the shell area over time. Installation quality control checks were conducted at each step up the tower to ensure system performance upon completion. Six regions of the ICCP system (each consisting of 8 zones) are fed by their own risers and controlled by a rectifier and a remote monitoring unit. The units monitor and log the system data and can be controlled by web-based software to measure voltage, current, and potentials, as well as perform polarization decay testing.



WORLD OF CONCRETE HIGHLIGHTS

This year's World of Concrete was, once again, a great gathering of industry professionals from around the world. The ICRI kick off party at the Chateau Nightclub at the Paris Hotel was the perfect (however cold) way to start the week. The Chicago Chapter was well represented by our President and Treasurer as well a number of other members and colleagues. As often is the case with ICRI events, it's great to see people who may compete during the work day, sharing a drink and a smile under the Eiffel Tower.

The rest of the sunshine filled week was ripe with terrific educational opportunities for all. Whether it was a one of the many classes offered, the exhibits showcasing the newest equipment and materials, or the competitions held in the Bronze Lot, fun and inspiration was everywhere. We can't wait to see what they have in store for 2020.



FEBRUARY DINNER MEETING ANNOUNCEMENT - ICRI 2018 PROJECT AWARDS



Join your ICRI Chicago Chapter as we recognize and celebrate the

ICRI 2018 Project Awards
Tuesday, February 19th at 5pm
Erie Café – Chicago

Wiss, Janney, Elstner Associates, Inc.
ICRI Outstanding Concrete Repair
Project Award

Klein & Hoffman
ICRI Concrete Repair Project
Award of Merit



**2019 ICRI SPRING CONVENTION “WATERPROOFING WITH AESTHETICS:
MAKING IT DRY AND APPEALING TO THE EYE”**

Plan to join the International Concrete Repair Institute in Jacksonville, Florida – Expand your understanding of concrete waterproofing through networking, technical sessions, and participation in ICRI National Committee Meetings. Earn PDH credits by attending technical sessions.



When:

April 8 - 10, 2019

Where:

Omni Hotel & Resorts
Jacksonville

Jacksonville, Florida



SHERWIN-WILLIAMS.
The Americas Group

Ryan Carberry
Professional Coatings Representative
Concrete Projects Specialist

The Sherwin-Williams Company
Chicago Metropolitan Area
swrep4247@sherwin.com www.sherwin.com
Cell: 312-656-8251

SITAR
CONSTRUCTION

o: (630) 444-3559
f: (630) 689-9479
m: (630) 649-0264
mark@sitarconstruction.com

Mark Sitar
President

199 Poplar Place, Suite 1
North Aurora, IL 60542

www.sitarconstruction.com



EXPERIENCED | INNOVATIVE | AUTHENTIC

Mark R. Nelson
President

Nelson Testing Laboratory
717 Industrial Drive
Elmhurst, IL 60126

Ph.: 630-501-0230
Fax: 630-501-0270

mnelson@nelsontesting.com
www.nelsontesting.com



The Chemical Company

Michael A. McCluskey

Parking and Restoration Specialist
Building Systems-Chicago

BASF Corporation
Construction Chemicals
8131 Highland Avenue
Downers Grove, IL 60516

Telephone: 630-234-7516
Fax: 630-427-1628
mike.mccluskey@basf.com

www.master-builders-solutions.basf.us



KING CONSTRUCTION PRODUCTS | SHOTCRETE SOLUTIONS

Corporate Head Office:
King Packaged Materials Company
555 Michigan Drive, Suite 100
Oakville, ON L6L 0G4, Canada

www.kingconstructionandminingproducts.com

Kevin Robertson
Business Development Manager
U.S. Markets

C: 929-318-3085

krobertson@kpmindustries.com

PHONE 312/850-1333
DIRECT 312/846-4844

FAX 312/850-0650
CELL 312/315-2291

TUREK & SONS

CONTRACTORS & INDUSTRIAL SUPPLIES

SCOTT WINIECKI

Account Manager
Email: scott.w@turekandsons.com
www.turekandsons.com

1333 S. JEFFERSON
CHICAGO, IL 60607



WESTERN
SPECIALTY CONTRACTORS

COMMERCIAL • INDUSTRIAL • HISTORIC • FACADES
MASONRY RESTORATION • CONCRETE RESTORATION
ROOFING • WATERPROOFING

STEVE GENOVESE
Branch Manager
Cell: 773•504•4316

steveg@westernspecialtycontractors.com

www.westernspecialtycontractors.com

2658 W. Van Buren St.
Chicago, IL 60612
773•638•5206 x6911
Fax: 773•638•5289



HSS Hard Surface Solutions

Jim Fadellin

SENIOR PROJECT MANAGER

T: 847.838.6610 / F: 847.838.6750 / C: 815.482.9926
E: jfadellin@hsshardsurfacesolutions.com
17950 W. US Route 173
Old Mill Creek, IL 60083

www.HSSHardSurfaceSolutions.com



LS Contracting Group, Inc.
General Contractor & Specialty Restoration

Thomas E. Laird
President

tlaird@lscontracting.com
www.lscontracting.com

3638 West Belmont
Chicago, Illinois 60618
Office 773.279.1122
Fax 773.279.1133
Mobile 773.406.7094



William Hach & Associates, Inc.
Concrete Restoration Experts Since 1955

Tom Lawler
Chief Business Development Officer
312-208-5733
lawler@hachconstruction.com
www.hachconstruction.com

HOLIDAY SOCIAL HIGHLIGHTS

Fun had by All at the Holiday Social


On November 29, the Chicago Chapter of ICRI held its annual Holiday Social once again at Pyramid Pizzeria, allowing friends and industry partners to celebrate our 2018 construction season success. All attendees enjoyed stimulating conversation, good food and a few adult beverages.

Discussions of the early entrance of cold weather and how it has affected the closure to the 2018 construction season were abound. Once again, bags and full scale Jenga were enjoyed by those who dared to show their wares. .

Thank you to the ICRI Chicago Chapter Social Activities Committee and the staff at Pyramid Pizzeria for another successful event!



Qualideck®

Powered by APT 

Rich Campbell
campbell@advpolytech.com
(773) 791-3305

Kevin Koske
koske@advpolytech.com
(630) 631-1556

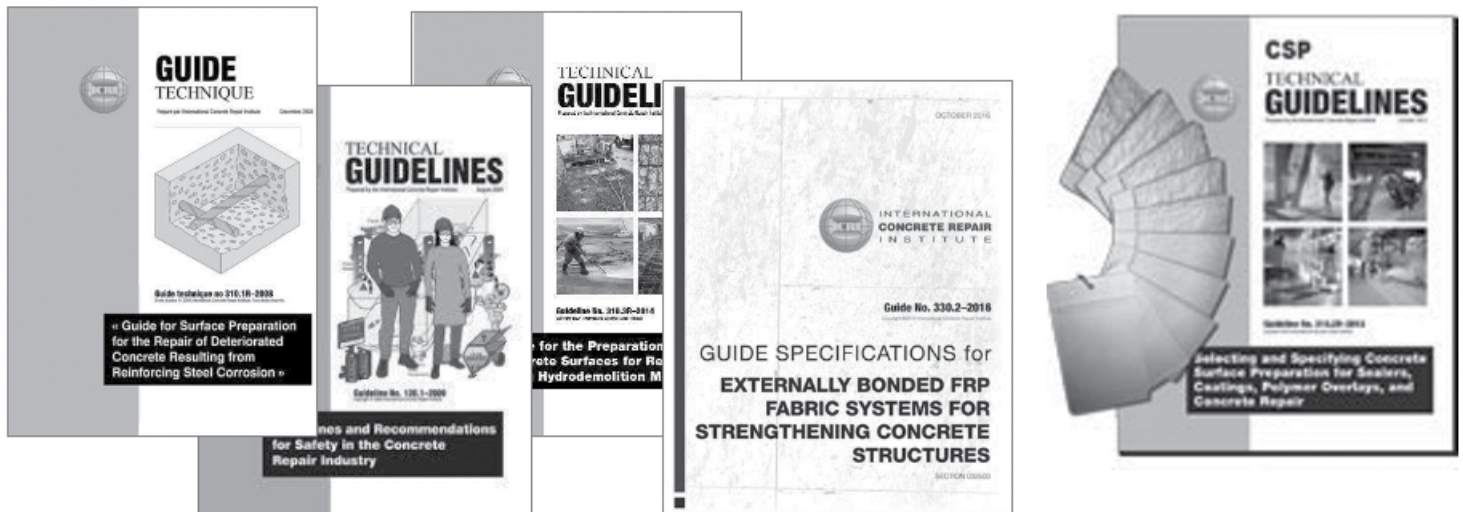


Building Restoration & Maintenance

Bob Joyce | Tom Steele
630.595.0990
www.QualityRestorationsInc.com



ICRI Technical Guidelines, Guide Specifications & Other Reference Materials Now Available @ ICRI's Online Store



Many PDFs of ICRI Technical Guidelines are FREE to MEMBERS!
Visit www.icri.org/store

CONCRETE RESTORATION

**BUILDING FACADE
PARKING STRUCTURE
CONCRETE BALCONY REPAIR
FACADE PAINTING
WATERPROOFING MEMBRANE
WWW.HACHCONSTRUCTION.COM**



WWW.HACHCONSTRUCTION.COM



ICRI CHICAGO CHAPTER IS ALSO ON SOCIAL BUSINESS MEDIA!

For chapter and industry related discussions, connect with us on social media.

Suggestions for items to be included on social media?

Are you savvy and want to help our communications committee?

Contact Tom Lawler!





ICRI Chicago Chapter
 Editor: Craig Frier
 18496 Meander Drive
 Grayslake, IL 60030

WWW.GLENROCKCOMPANY.COM

SEALANTS WATERPROOFING RESTORATION PRESERVATION



INDIANAPOLIS
 4330 Hull Street, Ste. 300
 Indianapolis, IN 46226
 PH: 317.542.8400
 FAX: 317.542.8500

CHICAGO
 200 W. Wrightwood
 Elmhurst, IL 60126
 PH: 630.530.9600
 FAX: 630.333.1203

MILWAUKEE
 N49 W13545 Campbell Dr.
 Menomonee Falls, WI 53051
 PH: 262.781.0799
 FAX: 262.781.0730



TREMCO
 Commercial Sealants & Waterproofing

PUMA Technology
 Coatings & Membranes

Extreme Protection at Record Speed

Vulkem® EWS Traffic Coatings & TREMproof® PUMA Waterproofing

- ⊕ QUICK TURNAROUND
- ⊕ EXTREME DURABILITY
- ⊕ COLD WEATHER TOLERANT
- ⊕ VERSATILITY

BILL SHUTA Sr. Sales Rep (219) 241 - 8266
STEVE SILVA Sales Rep (847) 373 - 9001
www.tremcosealants.com

LS Contracting Group, Inc.

GENERAL CONTRACTING

- Self-Performing • Full Service • Interior/Exterior Remodeling
- Alteration • Tenant Build-Out • New Construction

SPECIALTY RESTORATION

- Self-Performing • Full Service • Masonry/Terra Cotta Repairs
- Structural Concrete • Caulking/Waterproofing
- Exterior Coatings • Parking Garage Structural Repairs
- Plaza and Roof Deck Renovation

Contact: Thomas Laird P: (773) 279-1122
 tlaird@lscontracting.com F: (773) 279-1133
www.lscontracting.com