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CRSInsider

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Concrete Reinforcing Steel Institute

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Chairman's Message

Brad Cottrell, Chairman

CRSI Members and Staff,

As spring quickly approaches, thoughts turn to what the remainder

of the year holds in store. The year, so far, has been a bit tumultuous regarding the weather, resulting wildfires, historic snowfall and flooding. The uncertainty also extends to the political landscape as we ride a rollercoaster of an economy during the first quarter of the year. Without delving too deep into politics, the application of tariffs (and the resulting rollbacks of some), are playing havoc on Wall Street. Many sectors are being affected, but the American steel industry appears to be one of the few that have remained steady and stand to benefit. As a result, we as an Institute will keep a watchful eye on how history continues to play out and what our involvement in government affairs can do to keep our best interests at the forefront of our political, and promotional, activities.

We continue to actively search for a new President for CRSI. The search committee. led by Adam Simmet and made up of volunteers from the Board of Directors, have reviewed numerous candidates. Still, we won't compromise in finding the right fit for the membership and staff and we hope to have a better update soon. Additionally, there are still open positions for the Director of Technical Resources (Schaumburg, IL) and Pacific Northwest Manager (remote). We continue searching for the right fit for those opportunities as well. If you, or someone you know, are interested, please refer to the descriptions listed on the CRSI website.

I also want to extend my gratitude to the entire CRSI team. The group have done a great job continuing with the business, promotion, and mission of the Institute during this period. It's a testament of the outstanding talent we currently have throughout the staff. They continue to address industry issues and produce topnotch, industry-trusted publications. A special thanks to Dr. David Fanella, Dave Mounce, Lisa Mikita, and Mike Chiappone for stepping up and leading throughout this transition. A BIG THANKS to Paul Dve for delaying his retirement and continuing to stay involved with CRSI during this period.

And with the change of seasons brings the Spring Business and Technical Meeting in Atlanta from April 7–9, at the magnificent Marriott Marquis hotel. With there being a conflict with the BAUMA tradeshow in Germany, now is the time to consider sending "the next one up" in your organization in your place. This would be a perfect time to put the NextGen initiative into action!

As always, I'm honored to to serve as Chairman of the now 100+ year old Concrete Reinforcing Steel Institute. I ask you to please continue to support the Institute through your volunteerism, participation, sponsorship of our events. I look forward to collaborating with you all to continue to grow the use of steel reinforced concrete in 2025, and beyond. Hope to see you in Atlanta next month.

Brad Cottrell

CRSI Board Members

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*Executive Committee Member

Register now for the 2025 PCA Fly-In



CRSI Members are invited to attend and partake in Portland Cement Association's Cement Fly-In which held April 1-2, 2025. CRSI members will get political insights, enjoy networking opportunities, and engage with Congressional members and industry leaders on crucial topics. The fee is \$795 per person. CRSI members who have the availability will meet for dinner on March 31st in Washington, DC for networking and discussion of Fly-In opportunities and topics.

Register today for this powerful industry event!

Save the Date!

2025 Fall Business & Technical Meeting

November 2-5, 2025 The Drake Hotel, Chicago, IL





Marketing & Communications Update

Dave Mounce, Senior Director of Communications and Outreach

Updated Market Data Reporting

Rob Kinchler has been working full time since mid-January creating a

new platform for CRSI's market data effort. CRSI's new data includes state and market share information which we have added to our original data purchase. The new data will be presented in a dashboard setting accessible from members only section of the CRSI website. Stay tuned for future announcements regarding accessing and viewing this data.

2025 Construction Forecast

From the 2025 Construction Forecast event hosted by Engineering News Record on Jan 30th:

S&P Global highlighted key uncertainties around steel, cement, and lumber tariffs, Federal Reserve interest rate decisions, and labor market effects from deportations.

Associated General Contractors of America (AGC) noted strong nonresidential construction growth, particularly data centers, while addressing labor shortages and rising costs.

Dodge Construction emphasized the Dodge Momentum Index as a key indicator of non-residential activity, projecting steady residential growth despite affordability challenges, and a multifamily housing rebound.

Safety Awards Program Revision

After careful consideration, the Safety Committee is moving away from the traditional CRSI Safety Awards which have been based on OSHA 300 Log Data. This change will be a topic of conversation during the Safety Committee meeting at the 2025 Spring Business & Technical Meeting. Led by Mark Hefley, Safety Committee Chairman, alternative ideas for safety recognition among the membership will be discussed as well as the logic behind abandoning the current award program. Please plan to attend the meeting and all ideas are welcome for consideration.

Placing Rebar Safety Task Group Activities

Since its formation, the task group continues to grow and meet every other week. These consistent meetings have been extremely productive resulting in highly interactive discussions on numerous safety issues and sharing of incidents,

issues, and best practices. The task group is headed by Placing Reinforcing Bars committee Chairman Allan Harding of JD Steel along with the help of Dennis Stone of Nucor Rebar Fabrication.

One of the more significant iniatives to date is having a Safety Module included in the CRSI Rebar Reference mobile app. There are procedural details yet to be resolved, but it is anticipated the new module will be included in the next app build.

Mental health and its challenges are now at the forefront of the industry and a constant topic of conversation within this group. A short video by Shayne Dinkle, a Nucor Safety Manager, exposes the issue of mental well being of those affected by the loss of a loved one. In this instance, it was Shayne's teenage son that was lost to suicide. For those interested, the video can be found here: A Survivor's Story https:// youtu.be/X1U1eApDC5Y?si=cF5DWRFN5-Y20m3b. As the video explains, it was the support and compassion he received from his family and co-workers that helped him overcome his dispair. We are working out details to have Shayne as a keynote speaker at an upcoming CRSI meeting.

Sustainability Initiative

Please consider attending the Sustainability Committee meeting that will cover updates on Buy Clean programs, Steel PCR, FHWA's low-carbon materials methodology, state and local requirements, and EC3 monitoring. The CRSI industry average EPD, set to expire in Sept 2027, and the timeline for the next industry average EPD process, linked to SBTM and FBTM will also be discussed. Updates to CRSI's sustainability webpage will also be reviewed. Additionally, the feedback loop designed to enhance collaboration by gathering insights from region managers and industry stakeholders will be addressed, along with a discussion on Ryan Companies' decarbonization efforts.

Epoxy Fabrication / Epoxy Coating Update

Those interested in the current state of epoxy coated materials won't want to miss the upcoming meeting during the Spring Business & Technical Meeting where important updates regarding ASTM D3963 standards and material handling practices with DOTs will be covered. The committee will also participate in the combined standard ANSI/CRSI - CG1.3 Epoxy Coating Plant: Straight Bar, Custom and Textured Lines. Discussion will include ballot status

and updates. Paul Krauss from WJE will present "Opportunities for Continued Progress of the Certification Program".

Additionally, the meeting will discuss the Feedback Loop concept, aimed at improving collaboration between CRSI's Engineering and Marketing teams, with input from Region Managers. This feedback will help guide the technical committee's future priorities, including the creation of new resources like Technical Notes and publications.

New Publication Editions Available

The 31st edition of the Manual of Standard Practice was recently released. This edition picks up from the previous edition's updates but includes clarity on the naming convention of fabricated reinforcing steel bend types and an updated Appendix A displaying current steel mill bar marks.

The new Field Inspection Guide is also now available. The new edition contains updated information conforming to the ACI 318-25 building code as well and current reinforcing bar markings in coordination with Appendix A of the 31st edition of the Manual of Standard Practice.

Both titles, and all of CRSI's popular publications, can be found in the CRSI webstore here.

An updated Technical Note, (ETN-M-10) FAQs About Galvanized Reinforcing Bars, has been completed by the Durability Committee and is now under final review by the Engineering Practice Committee (EPC). This Tech Note presents a collection of typical questions that are asked regarding hot-dip galvanized steel reinforcing bars. Once approved, the document will be distributed to the Membership and made available in the CRSI webstore's FREE Technical Info

Member Recruitment Brochure Completed

Lisa Mikita, Director of Meetings and Member Services, has made a concerted effort to update existing materials used for prospective members. The result was the combination of flyers and hand outs of different types into one brochure that contains touts the benefits of joining the Institute to all member types. The new brochure is appealing and full of useful information! Click here to download the PDF version. ■



Membership and Member Services

Lisa Mikita, CMP, CAE, Director of Meetings and Member Services

New Members

We welcome these new members since December 2024:

- · ATK, Bountiful, UT
- Baker Concrete Construction, Monroe, OH
- Excel Reinforcement, Tukwila, WA
- Legacy Reinforcing Steel LLC, Chula Vista, CA
- · North Carolina Department of Transportation, Raleigh, NC

CRSI is delighted to welcome these new members to the Institute! We look forward to their participation and are excited that they are part of our community.

Membership and Member Services Committee

The next meeting will be during the April 2025 Spring Business & Technical Meeting (SBTM) in Atlanta, GA. Some of the committee's agenda items include:

- Monitoring and Increasing Member Engagement
- Discuss Rebar Wage Survey

New members are encouraged to sign up for the SBTM, and CRSI will pair them with an experienced member to make introductions and learn about committee objectives.

World of Concrete

Our thanks to everyone who stopped by the CRSI Booth and/or attended our annual

Click here to enjoy photos of the World of Concrete trade show and reception.

Thank you to our WOC sponsors, without whose support the complimentary reception would be difficult to hold.

Show your support of CRSI with logo shirts from Lands' End!

Visit the exclusive Land's End virtual store, for select clothing you need the most, and select the CRSI logo to go on the clothes.

2025 Meetings and Events

Spring Business & Technical Meeting

There is still time to register for the SBTM to be held April 7-9, 2025, at Marriott Marguis in Atlanta, GA. Click here for more information and to register.

Your registration fee includes admittance to just about every committee or task force meeting and all meals/receptions (unless indicated as by invitation only), including the Chairman's Dinner.

Region Chapter Events

In addition to the four Region Conferences, CRSI's regional chapter events include summer meetings and golf outings, and holiday parties later in the year.

2025 Meetings and Events

Save the Dates!

Save the date for these upcoming regional and national meetings. Additional details are forthcoming.

- · Spring Business & Technical Meeting Marriott Marquis, Atlanta, GA April 7-10, 2025
- West Coast Golf Tournament Glen Ivy Golf Club, Corona, CA June 9, 2025
- **Midwest Region Conference** Radisson Blu, Minneapolis (Bloomington), MN August 20-21, 2025
- **Northeast Region Conference** Newport Harbor Hotel & Marina, Newport, RI September 10-11, 2025
- **Greater Southwestern and Southeast Region Conference** Embassy Suites, Asheville, NC September 17-18, 2025
- **Western Region Conference** Loews Ventana Canyon, Tucson, AZ September 24-25, 2025
- · 2025 CRSI Foundation East Coast **Golf Tournament** Westin Savannah Harbor Golf Resort & Spa, Savannah, GA October 13, 2025

For more information, contact Lisa Mikita at 630-380-5837 or lmikita@crsi.org, or Allison Strahs at 630-380-5835 or astrahs@crsi.org.



2025 Sponsors SPRING BUSINESS & TECHNICAL MEETING

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BARSPLICE PRODUCTS, INC. **CRS SPECIALTIES** DAYTON SUPERIOR KRB MACHINERY **NVENT LENTON** REBAR MACHINE SALES & SERVICE

2025 Spring Business & Technical Meeting



SPRING BUSINESS & TECHNICAL MEETING

MARRIOTT MARQUIS ATLANTA, GA **April 7-9, 2025**

2025 SBTM Registration

Register for the CRSI 2025 Spring Business & Technical Meeting at the Marriott Marguis in Atlanta, GA, April 7-9, 2025.

Register Online: CLICK HERE

CRSI has tailored the Spring Business & Technical Meeting to promote collaboration, planning and companionship. It is the best place for leaning about the state of the market and current challenges and innovations in the reinforced construction market. At the meeting you will find:

- · Committee meeting reports on projects and activities
- Progress/ results of national and regional marketing plans
- · Updates on CRSI's Strategic Plan

Questions? Contact Allison Strahs at astrahs@crsi.org.

Conference Registration

REGISTRATION FEES

- Full Meeting \$1395
- Monday Only \$575
- Tuesday Only \$675
- Wednesday Only \$475
- · Spouse/Guest* \$645

Register Online: CLICK HERE

Attendee List

Your registration must be received no later than two weeks prior to the meeting date to be listed in the attendee list.

CRSI Cancellation/Refund Policy

Cancellations must be advised in writing to CRSI. Cancellations must be received on or before March 7, 2025, to avoid any cancellation fees. Between March 8 and March 28, 2025, 50% of your registration fee will be refunded. No refunds will be given after March 28.

Hotel Information

Step into the stunning, famous atrium and know that you have arrived at the Marriott's iconic 52 story downtown hotel in Atlanta. Their friendly staff looks forward to welcoming you with 4-star service. Settle into their modern hotel rooms and suites. with downtown Atlanta views. Relax in their luxury spa, take a dip in their indoor/ outdoor pool, or stay fit in the expansive gym. Savor craft cocktails and pub fare in their sports bar or start your day off at the on-site Starbucks. Walk to shopping, dining and entertainment, or use the indoor connection to Peachtree Center MARTA

Station to visit ATL Airport, Mercedes Benz Stadium and more.

Hotel Reservations

Marriott Marquis Atlanta - Sold out!

The Marriott Marguis Atlanta is currently sold out over our meeting dates. Please **CLICK HERE** for options of nearby hotels.

Check-in time is 4:00 pm. Check-out is 12:00 am.

\$60 for overnight valet with in and out privileges. Self-parking is between \$25-\$60. depending on length of time.

Sponsorship Opportunities Available

Showcase your company on event signage, the conference program, and other recognitions by becoming a sponsor. Opportunities are available for every budget. Please contact Allison Strahs or call 630.380.5835 to arrange for sponsorship.

CLICK HERE for further Sponsorship information.

2025 Spring Business & Technical Meeting Schedule

PROGRAM AT-A-GLANCE

MONDAY, APRIL 7				
8:00 am	Breakfast Buffet	International Ballroom 8-10		
8:30 am	Epoxy Interest Group*	International Ballroom 6-7		
10:30 am	NextGen**	International Ballroom 4-5		
11:30 am	Lunch Buffet	International Ballroom 8-10		
12:30 pm	Committee Meetings	Various meeting rooms		
4:30 pm	Independent Fabricator Interest Group ***	International Ballroom 6-7		
6:00 pm	Welcome Reception	Skyline South - 10th Floor		
TUESDAY, APRIL 8				
7:00 am	Breakfast Buffet	International Ballroom 8-10		
8:00 am	Committee Meetings	Various meeting rooms		
12:00 pm	Lunch Buffet & CRSI Update	Atrium C - Atrium Level		
1:30 pm	Committee Meetings	Various meeting rooms		
6:00 pm	Reception	Skyline South - 10th Floor		
7:00 pm	CRSI Chairman's Dinner	Atrium C - Atrium Level		
WEDNESDAY, APRIL 9				
7:00 am	CRSI Executive Committee*	L501		
8:00 am	Breakfast Buffet	International Ballroom 8-10		
9:00 am	Committee Meetings	Various meeting rooms		
12:00 pm	Grab and Go Boxed Lunch	International Ballroom 8-10		
12:00 pm	Committee Meetings	Various meeting rooms		
1:00 pm	CRSI Board of Directors*	International Ballroom 6-7		
4:00 pm	Foundation Board of Directors*	International Ballroom 6-7		

- * Closed meeting
- ** New attendees only
- *** Open to all independent / non-mill owned Fabricators

Visit www.crsi.org for the full event schedule.

Special Interest Groups

Stainless Steel Interest Group (SSIG)

The Stainless Steel Interest Group, consisting of a committee of eight voting members, has established a cost structure and appointed a marketing expert responsible for planning future activities.

The Scope of the Group is as follows:

· Promotion and Marketing: The group actively promotes and markets solid

- stainless steel bars, particularly focusing on stainless steel rebar.
- Raising Awareness: The group's primary goal is to raise awareness and generate interest in the benefits of solid stainless steel rebar, targeting key audiences such as Departments of Transportation (DOTs), engineers, specifiers, and contractors.
- Educational and Advocacy Efforts: The group engages in educational initiatives and advocates for the adoption of solid stainless steel rebar by emphasizing its benefits, potentially including corrosion resistance, durability, sustainability, and life-cycle cost-effectiveness.

Legislative Update

Government Affairs Consultants: Sean O'Neill, Katy Hartnett, and Jennifer Bonner of PCA. For more info contact: GovAffairs@crsi.org

TCC Provides Testimony to Senate Committee Hearing

On February 26, The Transportation Construction Coalition (TCC) provided testimony to the Senate Environment and Public Works Committee hearing, "Infrastructure Investment and Jobs Act (IIJA) Implementation and Case Studies," which was the committee's first hearing focused on reauthorization of the surface transportation program. The TCC witness, Gary Johnson of Granite Construction shared the coalition's views on the quantifiable impacts of the first three

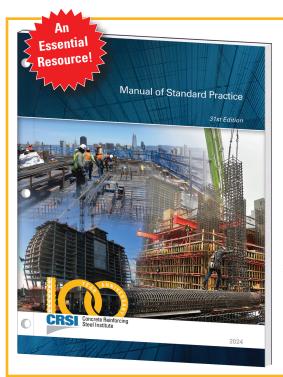
years of the infrastructure law and offered the coalition's priorities in the run-up to reauthorization in 2026.

During the hearing there was a consistent discussion of how much of the funding should flow through the formula programs and grant opportunities. Both members of the committee and witnesses highlighted the importance of continued investment in the bridge formula program as part of reauthorization and the importance of the exemption of cement, cementitious materials, aggregates, asphalt binding agents and additives as well as their

combination as concrete mix and asphalt mix from Buy America. PCA will continue to be heavily engaged with our coalition partners as we advocate for a fully funded reauthorization of the IIJA.

Register for the PCA Fly-In

There is still time to join your fellow Institute members and member of the Portland Cement Association in meeting with and rallying for our interests on Capitol Hill! See the promotion at the top of page 2 for more information and how to register.



Since 1939, the *Manual of Standard Practice* has presented recommendations and reported industry best practices covering the design, estimating, detailing, fabrication and placing of reinforcing bars in concrete construction. Also included are properties of reinforcing bars, basic information on welded wire reinforcement, suggested specifications for reinforcing steel, recommended contract components for steel reinforcing bars, general information on concrete joist construction and bar marking illustrations for domestically-produced reinforcing bars.

The 31st edition of this manual presents information on recommended industry practices for estimating, detailing, fabricating, and placing reinforcing steel for reinforced concrete construction.

New material includes:

- Updated and expanded markings for all Grades of reinforcing bars produced in the U.S.
- Bar shapes now shown in Chapter 7 have superseded the newer versions as CRSI has adopted and updated the "legacy" shapes found in prior editions of the Manual of Standard Practice.



Northeast Region

Greg Clauson, Northeast Region Manager

The first quarter of the year has been filled with productive meetings, industry events, and valuable opportunities to

connect with members across the region. With a solid foundation set in January and February, 2025 is shaping up to be an exciting year for CRSI and the reinforced concrete industry.

Visits, Promotion and CRSI Events

January kicked off with a strategic planning session in Chicago, where CRSI staff and board members gathered to align on key priorities for the year ahead. The discussions focused on strengthening industry initiatives, supporting members, and identifying opportunities for continued growth. This meeting set a strong tone for 2025, ensuring that CRSI remains a driving force in the industry.

Later in the month, Greg traveled to Las Vegas for the World of Concrete, one of the biggest events in the industry. It was a great opportunity to connect with members, explore the latest innovations in concrete technology, and promote the benefits of reinforced concrete. The energy at the event was incredible, and it reinforced just how much opportunity there is in our field.

February kept the momentum going with a trip to Indianapolis, where Greg spoke at PCI's Committee on Bridges on CRSI's bar support standard and its role in bridge construction—a critical

topic as infrastructure continues to be a major industry focus. While there, Greg also reinforced CRSI's commitment to collaboration within the National Concrete Bridge Council, working alongside other industry leaders to advance best practices in bridge engineering.

Mid-month, Greg met with the Northeast Region Advisory Board for our quarterly meeting. We discussed upcoming events, promotional efforts, and strategies to increase engagement across the region. A major topic was finalizing plans for the Northeast Regional Conference this fall, ensuring it provides value and networking opportunities for our members.

NE Region Future Plans

With a strong start to 2025, I'm looking forward to continuing these conversations and building on the successes of the first quarter. In the coming months, Greg will be traveling across the region for member visits and industry events, keeping the focus on reinforcing concrete's role in shaping the future of infrastructure. As always, the engagement and support from CRSI members is appreciated, and I'm excited for what's ahead.

2025 Events - Save The Dates

- · Spring Business and Technical Meeting April 7-10 Marriot Marquis - Atlanta, GA
- · Rebar & Reels 2nd Annual **Northeast Fishing Charter** June 19

- Lead Dog Charters at Kentmorr Marina - Stevensville, MD
- · Knickerbocker & Pilgrim Chapter **Golf Outing** July 22 Knickerbocker Country Club - Tenafly, NJ
- Mid-Atlantic Chapter Golf Outing August 28 Bulle Rock Golf Course -Havre de Grace, MD
- · 2025 CRSI Northeast Region Conference September 10-11 Newport Harbor Hotel & Marina - Newport, RI ■



Greg Clauson and Parisha Chanodia of CRSI, speaking with Donald Salmon, EVG (far left) and Cooper Salmon, EVG (far right) at the 2025 World of Concrete.



Barsplice Team at TPS (from left to right):Thomas Redinger, David "Cubby" Casella, Celeste Gooden, Jacob Marino, Megan Kelleher, Kyle Hopwood.



(From left to right): Derek Snead from EDC, Ed Wilczynski from HRC, and Greg Clauson, CRSI.



nVent Lenton Team at TPS (from left to right): Daniel Reider, Michael Kolta, Lou Colarusso, Michael Ugalde, Manuel Conde Fuentes, Anirudha Vaidya.



Southeast Region

Brett Lord, Southeast Region Manager

Greetings to all! We are almost through Winter and headed toward Spring. I hope that business is good and

increasing as warmer weather arrives. As is typical during this time, I am planning out my 2025 travel activities and engagement.

I recently had surgery on my foot which was successful and healing up nicely. Unfortunately, I am now likely looking at a knee surgery/knee replacement. Lots of orthopedic issues due to my military service and aging. So, with all of this, I am off to a bit of a slow start this year.

I look forward to seeing all of you in Atlanta at the Spring Business & Technical Meeting, April 7-9, where so much of the institute's important work takes place. Thank you for your service and support. I will be spending much of March ferreting out and interacting with new firms, prospective members, along with visiting established contacts and CRSI Members.

SkillsUSA National Leadership & **Skills Conference**

CRSI's Brett Lord, (with support from Rebar D&D's Adam Saulter, and HRC's Robbie Hall) will attend this event by exhibiting with a CRSI branded booth at the Georgia World Congress Center in Atlanta, GA. This will take place June 23-26.

The National Leadership & Skills Conference is the ultimate recognition of excellence in career and technical education. This event brings together



CRSI will have a booth at the SkillsUSA National Leadership & Skills Conference in Atlanta, GA.

thousands of students, instructors, business partners, and administrators to celebrate the accomplishments of those preparing for careers in trade, technical and skilled service occupations, and it's an incredible opportunity for students to showcase their talents and skills on the national level.

Research Call

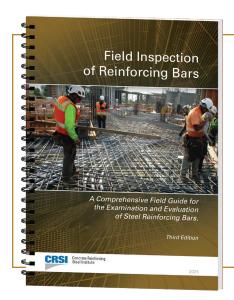
In early March, I facilitated a conference call with Dr. Eric Jacques of Virginia Tech and Dr. David Fanella of CRSI. The main topic was their concrete diaphragm research and the potential for impact on the building code and other aspects of concrete construction. Dr. Jacque will keep us apprised relative to their future research endeavors with Dr. Fanella kept in the

loop as well as myself.

Recent Activities and Highlights

- · Bi-weekly placing safety task group meetings-continual
- 3/5 Virginia Tech Research Conference Call including David Fanella
- 3/12 Nucor Lexington New Mill Visit with Nucor's Paul Mckenzie
- 3/12-3/14 Virginia Concrete Conference-Richmond, VA
- 3/27 SEA Wilmington, NC **Chapter Meeting Presentation**

For more information, please contact Brett Lord at 630-380-5868 or blord@crsi.org. ■



ALL NEW! FIELD INSPECTION OF REINFORCING BARS

This comprehensive field guide provides an overview on field inspection of reinforcing bars. Topics include material inspection, installed reinforcing bar tolerances, visual inspection of installed rebar, and more.

The book includes bar fabrication information such as bar sizes, hook details, an illustrated compilation of bar markings, and more. The guide can be used in conjunction with the Placing Reinforcing Bars publication or as a stand-alone product. The 3rd edition contains revised, updated mill bar markings and code-related updates.

The publication uses metal double-o coil bound and sturdy paper for long life! Get yours in the Construction section of the CRSI webstore today!



Midwest Region

Parisha Chanodia, PE, SE, LPCI, Midwest Region Manager

World of Concrete 2025

2025 kicked off with the World of Concrete Exhibition, where CRSI

participated in an event that attracted over 60,000 attendees and concrete enthusiasts from across the country. CRSI had an exhibit and also hosted a well-attended member reception, providing an excellent opportunity for members to network and connect. We were thrilled to welcome several CRSI members at our booth where their enthusiastic smiles said it all. CRSI member, Salem Faza even wore a concrete bow tie for our event.

Engaging Decision Makers Through Mill Tours

In partnership with Steel Dynamics Inc. (SDI) Mill, we hosted 16 officials from the Michigan Department of Transportation (MDOT) for a tour of the mill in March, where they gained insight into manufacturing processes and SDI's decarbonization efforts.

The Kansas Department of Transportation (KDOT) also had the opportunity to tour Nucor Mill in Sedalia and the nearby Simcote Epoxy Coating Plant, The presentation at Nucor Mill focused on its decarbonization efforts, particularly its achievement of zero Scope 2 emissions.

The mill has implemented several key initiatives to reduce its carbon footprint, including Electric Arc Furnace (EAF) technology, renewable energy integration through wind power, and a commitment to transparency regarding the environmental impact of its steel production processes.

The visit also included a tour of Simcote's epoxy coating plant, where we gained insight into EIG's advancements in corrosion technology. It was inspiring to

see how these sustainable materials play a vital role in infrastructure projects across the nation.

The primary goal of these tours is to engage and influence key owners and decisionmakers by bringing them closer to the heart of the manufacturing process. The long term strategy for these mill tours is as follows:

- Influencing Material Selection: DOT officials set specifications and approve materials for public projects. During the tour, they gain firsthand knowledge of how steel is produced, tested, QC Requirements, etc., it will increase their preference for specifying steel-reinforced concrete in transportation projects.
- Sustainability Awareness: If officials see the sustainability initiatives at CRSI steel mills -high recycled content, EAF, lower emissions, it will encourage officials to integrate supportive policies favoring reinforced concrete over alternative materials like GFRP.
- · Strengthening relationship management with CRSI - Mill tours facilitate face-to-face engagement, which builds credibility and trust between CRSI mills members and policymakers.
- Advocacy: DOT officials may become advocates for reinforced concrete in committee meetings/ code updates reinforcing its value in infrastructure projects.

As CRSI continues to promote sustainable reinforced concrete construction practices, these tours remain a cornerstone strategy for demonstrating leadership in sustainability, building trust, and solidifying the value of our products within the transportation and construction industries.

Below is a thank you note received from Adam Gross, MDOT after the March 7th

Hello Parisha- I just wanted to take a moment and thank you and the team again for welcoming us in and showing us the operation at the mill. It was a great tour! Not only was it great to see the process of the mill and how the scrap iron is utilized through the steps for the final product, the emission cutting that has been done, but also the team there was very knowledgeable. The tour guide we had was great but also some of the workers that we ran across were just as welcoming and eager to share. What a great team there.

-- Adam Gross

Industry Collaboration and Sustainability

This month, I traveled across Minneapolis, Northwestern Wisconsin, Peoria, Indiana, Missouri and Chicago meeting with General Contractors to gather cement and rebar data from ongoing concrete projects. F.A. Wilhelm, a concrete contractor from Indiana, generously provided data despite their busy schedule in Indianapolis, where several major projects are underway, including the Indiana Hospital Project. LINK

Headquartered in Minneapolis, MN, Ryan Companies operates nationwide with multiple regional offices, serving clients across the US. During my visit, I met with the Preconstruction Concrete Director and later Head of Sustainability who expressed interest in incorporating reinforcing steel into their decarbonization brochure- a component they do not currently feature.

They have requested a nationwide map of CRSI mills linked to their mill specific EPDs as well as details on ongoing





(top) CRSI hosted officials from the Michigan Department of Transportation for a Mill Tour in partnership with Steel Dynamics Inc (SDI) in Allendale, MI. (bottom) Group photo with SDI Team (L to R): Barry Gerardot, Dave Tokos, Sara Cupp, Parisha Chanodia, Tish Russell, Forest, Reggie Garrett, Tim Chapman, Zach Zipf, and Austin McCracken.

Midwest Region (cont.)

decarbonization efforts. Their sustainability team sees this as a valuable resource, particularly given their collaboration with Amazon, which is requiring EPDs for all building materials and prioritizing decarbonization and sustainability in its projects.

Additionally, I also delivered university presentations at the University of Minnesota, University of Saint Thomas, Illinois Institute of Technology, and Bradley University.

I also attended the Indiana Structural Engineers Association conference, attended by 96 engineers where I answered numerous questions about our latest CRSI publications: Seismic Design Guide for Steel Reinforced Concrete Buildings and Design Guide on the ACI 318 Building Code Requirements (318-19).

I am continuing to present Low Carbon Concrete design to firms, including Jacobs, Alper Audi, and Zachry.

MARK YOUR CALENDARS

Please save the dates for the Midwest Region Chapter and Regional Events as you plan for 2025. These gatherings are thoughtfully planned to maximize networking and engagement across four key regions in the Midwest, while maintaining a positive impact on our P&L statements.

At the Midwest Region Conference this August, Tyler Schipper, Associate Professor of Economics at University of St. Thomas, will be presenting on the economy. We are excited to hear his insights and encourage you to welcome him with thought provoking questions.

- June 18, Midwest Region Pioneer Chapter Golf Outing, Lemont, IL
- June 26, Midwest Region Great Lakes Chapter Golf Outing, Washington, MI
- July 10, Midwest Region Viking Chapter Golf Outing, Elmo, MN
- July 16-17, Midwest Region Heart of America Chapter Summer Meeting, Lake Ozark, MO
- August 20-21, Midwest Region Conference, Minneapolis, MN

For more information, please contact
Parisha Chanodia at pchanodia@crsi.org



University Presentation: University of St. Thomas.



Presentation by Nucor Mill.



Adam Simmet from Simcote is giving a presentation.



Group Photo from L to R: Candace Maharaj, Parisha Chanodia, and Angela Logue.



Group Photo of Nucor, CRSI, and Kansas Department of Transportation teams.



Exhibiting at the Indiana Structural Engineers Association Spring Conference, in Indianapolis, IN, March 2025.



Group Photo with Simcote, Nucor, and EIG Members.



Greater Southwestern Region

Rob Kinchler, PE, Greater Southwestern Region Manager

GSW Regional Outlook

The construction market in Texas is strong in 2025, driven

by a surge in industrial, infrastructure, and multi-family projects. The state is seeing significant investments in advanced manufacturing and data centers, with Samsung's \$17 billion semiconductor facility in Taylor leading the way. Additionally, the QTS DFW2-DC1 data center in Fort Worth, valued at \$288 million, is another major project. The Texas Department of Transportation's \$40 billion portfolio, including the widening of I-35E in Dallas is improving the infrastructure market. This rapid expansion is bringing challenges like workforce shortages and resource management.

In Colorado, the construction market is experiencing balanced to slower growth across various sectors. The markets there are focused on infrastructure and education, with the completion of the 16th Street Mall upgrades in Denver being a significant milestone. Another major project is the East Security checkpoint at Denver International Airport, which aims to enhance the airport's capacity and efficiency. Additionally, the I-25 Greenland Wildlife Overpass is a significant infrastructure project that connects wildlife corridors between Denver and Colorado Springs. Sustainability requirements and

projects are strongest in Colorado for the GSW.

Arkansas' construction strength is in infrastructure and believe it or not sustainable building practices driven by Wal-Mart, the University of Arkansas, and the states Timber Industry. The state is benefiting from federal and state funding for highways, bridges, and public transit. One of the largest projects is the Walmart Headquarters in Bentonville, which is transforming the region with its extensive campus and its use of mass timber CLT. The University of Arkansas hosted the 2025 Arkansas Mass Timber Conference in early February. It had around 130 attendees. Another significant project is the Arkansas Heart Hospital's new \$60 million campus in Bryant.

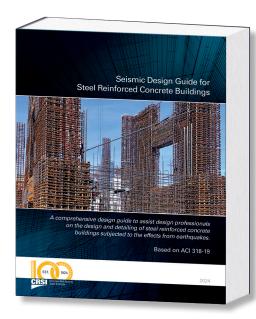
Mississippi's construction market is also on the rise, with a focus on industrial and infrastructure projects. The state has several large-scale projects underway, including \$7.9 billion worth of industrial projects. A standout project is the solar and battery storage portfolio by Origis Energy and TVA, which includes three solar projects with a combined capacity of 550 MW. Additionally, the Mississippi Department of Transportation has numerous infrastructure projects planned, such as the I-22 median barrier and the I-69 mill and overlay. These projects are enhancing the state's energy capacity and transportation infrastructure.

In New Mexico, the construction market is stable. The state is focusing on infrastructure improvements. One of the major projects is the expansion of the New Mexico Rail Runner Express, which aims to improve public transit connectivity. Additionally, the state is investing in renewable energy projects, such as the wind farm developments in eastern New Mexico.

Finally Louisiana's construction market is experiencing a slight cooling, but there are still significant projects underway. The state is focusing on infrastructure with the Port of New Orleans expansion being a major project. This \$1.5 billion project aims to enhance the port's capacity and efficiency. Another notable project is the construction of the new LSU Medical Center in Baton Rouge, which will improve healthcare services in the region. These projects are vital for supporting Louisiana's economic growth and improving its infrastructure and healthcare facilities.

GSW/SE Regional Board

There were GSW board changes over the end of 2024 and beginning of 2025. Allan Harding with JD Steel and Chad Novak with Evraz have had to depart for various reasons, and we thank them for their service! We will be welcoming Paul Harmon with Green Steel Mfg. in Mississippi and Brian Fisher with Dalco in Denver, Colorado as new board members.



SEISMIC DESIGN GUIDE FOR STEEL REINFORCED CONCRETE BUILDINGS

This purpose of this Design Guide is to assist in the proper application of the seismic design and detailing requirements in ACI 318-19 for cast-in-place concrete buildings with nonprestressed steel reinforcement. Seismic design criteria are based on the requirements in the 2024 International Building Code and ASCE/SEI 7-22. The goal is to acquire an understanding of the code requirements and to apply them properly and efficiently. Information is provided for buildings assigned to Seismic Design Category (SDC) B through F.

Many design aids and practical worked-out examples are provided as are guidelines and recommendations for constructability. Design and detailing of buildings with the latest seismic force-resisting system (reinforced concrete ductile coupled walls), the determination of seismic effects using a modal response spectrum analysis, and design and detailing of a building with a Type 4 horizontal structural irregularity are a few of the numerous included examples.

In addition to structural engineers, this Design Guide is a valuable resource for educators, students, individuals studying for licensing exams, and building officials.

Order your Print or Digital copies today at: bit.ly/3X7m8uL



Western Region

Kevin Bott, PE, Western Region Manager

January Highlights

January, as is typical any given year, is consumed with staff

meetings in Schaumburg, IL and the World of Concrete in Las Vegas, NV. This year the staff meeting doubled as a strategic planning meeting as well so was slightly longer than usual. The World of Concrete was much quieter without the machine companies there, which made for a more pleasant experience in the exhibit hall! January is then typically a month to start planning promotional travel in the coming months.

February Highlights

Kevin filled in for Paul Dye, recently retired Pacific Northwest Region Manager, by exhibiting at the Structural Engineers Association of Utah (SEAU) conference. This was an unexpectedly large conference with a great exhibit setup and a ton of attendees! Theres a large number of engineering firms in the Salt Lake valley and many of them came to the state conference.

Later in February, Kevin spent an entire week in San Diego, CA. He visited with new CRSI placer member Legacy Reinforcing, presented at the University of California, San Diego (UCSD), to whom CRSI gives an annual scholarship, gave multiple lunch and learns, and visited many firms. In the UCSD testing laboratory, Kevin was able to see a current California Department of Transportation (Caltrans) funded Project, where the researchers were casting a box tunnel to subject it to cyclic and fatigue loading.

March Highlights

March kicked off with a partial week trip to Reno, NV. This trip had been in the works for a long time as Kevin has scheduled presentations to both the Nevada Department of Transportation (NDOT) and the Associated General Contractors (AGC) of Nevada. He gave the "Field Inspection of Rebar" presentation to both groups and provided resources to NDOT for their inspectors and engineers. The AGC had approximately 40 people attend the lunch event!

In mid-March, Kevin traveled to Sacramento, CA. During this trip, he visited many professional firms and gave his semiannual presenatation at Sacramento State University. Sacramento State University has been very supportive of CRSI, and so we are giving them the undergraduate engineering scholarship in 2025! CRSI has sponsored multiple of their professors to attend the ACI Professors workshop over the past several years and also provided their students and department with resources. Kevin attended a Sacramento Kings game with one of their professors, Jose Garcia, to continue the relationship with the university.

Upcoming & Save the Dates:

- Spring Business & Technical Meeting April 7-10, Atlanta, GA
- California Building Officials (CALBO) Conference April 13-17, Los Angeles, CA
- Western Region Conference September 24-25, Tucson, AZ ■





Kevin giving the "Field Inspection of Rebar" presentation to the the Associated General Contractors (AGC) of Nevada.



Kevin and Sacramento State professor Jose Garcia at Kings game.



UCSD/California Department of Transportation (Caltrans) funded Project, where the researchers were casting a box tunnel to subject it to cyclic and fatigue loading.





PROMOTIONAL TECHNICAL **TOOLS**

Webinars on the new CRSI Seismic **Design Guide**

The first five-part webinar series concluded on February 25 with 94 registrants, which amounts to \$47,000 in nondues revenue. Each webinar was two-hours long and provided in-depth information on the design, detailing, and constructability of steel reinforced concrete buildings subjected to the effects of earthquakes.

The California Field Iron Workers Administrative Trust (CAFIWAT) generously co-sponsored this event and offered a 50% discount on the registration fee to the first 140 registrants with a mailing address in Arizona, California, and Nevada.

Additional webinar series are in the early planning stages with tentative target dates in the summer and fall of 2025. For more

Engineering/Technical Update

David Fanella, PhD, PE, SE, Vice President of Engineering, Nathan Westin. PE. Technical Director

information, contact David Fanella.

David Fanella Featured on Industry Podcast

David Fanella participated in the The Structural Engineering Channel podcast on Friday, January 24th. This podcast is produced by the Engineering Management Institute whose mission is to help engineers and other technical professionals become better managers and leaders. The interview lasted about a half hour where, in keeping with one of our strategic initiatives, he spoke on the topic of constructability in design and construction of steel reinforced concrete buildings. The interview is now available on YouTube, with 720 views and counting. You can also tune in to The Structural Engineering Channel on your favorite podcast platform.

CRSI Representation on **ACI 318 Building Code for Structural Concrete**

David Fanella and Nathan Westin will be representing CRSI on ACI 318 for the

2031 code cycle. David will serve on the Main Committee, Sub B (Anchorage and Reinforcement), and Sub H (Seismic Provisions). Nathan will serve on Sub B and be the liaison for ACI 318 and ACI 408 (Bond and Development of Steel Reinforcement), the latter of which he chairs. CRSI committees are encouraged to discuss possible code changes with David and Nathan for inclusion in the 2031 edition of ACI 318.

Technical Notes Being Updated

The Durability Committee has been diligently working to update Technical Notes. In the next couple months, the following Engineering Technical Notes are expected to be available on the CRSI website: ETN-M-10-25: FAQ About Hot-Dip Galvanized Reinforcing Bars, ETN-M-11-25: FAQ About Low-Carbon, Chromium ASTM A1035 Types CS, CM and CL Steel Reinforcing Bar and ETN-M-6-25: FAQ About Epoxy-Coated Reinforcing Bars. ■

CRSI Foundation

Drew Thawley, Managing Director, CRSI Foundation

CRS | Investing in the Future of Rebar FOUNDATION

The 37th Annual CRSI Foundation West Coast Golf Tournament will be held on Monday, June 9, 2025 at the Glen Ivy Golf Club!

Enjoy an amazing round of golf with colleagues and experience the great camaraderie at this event. Your participation helps strengthen the future of the industryplease consider joining us!

Registration info available soon.

All net proceeds benefit the CRSI Foundation and your participation may be tax deductible. Tee and Hole sponsorship opportunities available!

www.glenivygolf.com Corona, CA (951) 277-7900

SAVETHE DATE June 9, 2025 at the Glen Ivy Golf Club







World of Concrete 2025 Photo Recap



















EVENTCALENDAR

CRSI NATIONAL CONFERENCES

2025 Spring Business & Technical Meeting April 7-10, 2025 Marriott Marquis Atlanta, GA

2025 Fall Business & Technical Meeting November 2-5, 2025 The Drake Hotel Chicago, IL

CRSI Foundation 2025 West Coast Golf Tournament June 9, 2025 Glen Ivy Golf Course Corona, CA

CRSI Foundation 2025 East Coast Golf Tournament October 13, 2025 Westin Savannah Harbor Golf Resort & Spa Savannah, GA

CRSI REGION CONFERENCES

Midwest Region Conference August 20-21, 2025 Radisson Blu Mall of America Bloomington, MN

Northeast Region Conference September 10-11, 2025 Newport Harbor Hotel & Marina Newport, RI

Greater Southwestern and Southeast Region Conference September 17-18, 2025 Embassy Suites by Hilton Asheville Asheville, NC

Western Region Conference September 24-25, 2025 Loews Ventana Canyon Resort Tucson, AZ

INDUSTRY EVENTS

ACI Concrete Convention March 30-April 2, 2025 Sheraton Centre Toronto Hotel Toronto, ON, Canada





CRSIHEADQUARTERS

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Meetings & Administrative Associate

TECHNICAL / ENGINEERING

David Fanella, PhD, PE, SE, F.ASCE, F.ACIx 5813 Vice President of Engineering

Vacant x 5813

Director of Technical Resources

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