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Krk Bridge, Croatia — one of three landmark images featured on the cover of our newest MCI® brochure, symbolizing lasting corrosion protection with MCI®-2020.

Summer is in full swing at Cortec® Headquarters in the northern hemisphere, and so is the construction season! Our MCI® team has been on the move—tackling projects across regions and staying busy on all fronts.

This month's newsletter kicks off with exciting updates on product testing and approvals, followed by a look at key projects recently completed or currently underway in the US and Europe. You'll also find highlights on a new MCI® article and our revamped brochure—redesigned earlier this year to offer a fresher, more streamlined view of the technology.

We wrap things up with highlights from MCI® training sessions and industry involvement, both in Minnesota and across the US, plus a preview of upcoming events (including international gatherings in Europe and the Asia-Pacific) to add to your calendar. Let's dive in for updates and inspiration as we head into the next season!

TESTING

New Quebec DOT Approvals

We are excited to announce the first DOT approvals for our newest surface applied products, [MCI®-2018 X](#) and [MCI®-2019 X](#)! The Quebec DOT has included these two silane water repellents on their list of approved products that engineers may specify for use in DOT projects in the region. Going above and beyond mere product approval, the Quebec DOT has also satisfactorily tested these products for water repellency. Products previously approved by the Quebec DOT include [MCI®-2000](#), [MCI®-2005 NS](#), and [MCI®-2018](#). With the addition of MCI®-2018 X (100% silane) and MCI®-2019 X (40% silane), Quebec engineers now have an even broader portfolio of options for protecting and maintaining their reinforced concrete transportation structures.

New ASTM G180 Testing!

The latest ASTM G180 test results for [MCI®-2005](#) and MCI®-2006 NS are in! These two corrosion-inhibiting admixtures recently passed ASTM G180 testing conducted by Tourney Consulting Group. ASTM G180 is a key part of meeting the ASTM C1582 standard specification for corrosion inhibiting admixtures. This method evaluates the corrosion inhibiting capability of materials, complementing ASTM C494, which covers physical properties testing.

Public entities such as departments of transportation often require test results to be within the last five years to ensure current data. This recent testing maintains compliance with those timelines and demonstrates the consistency of our materials to provide corrosion protection. These test results serve as a critical benchmark for engineers specifying corrosion-inhibiting concrete admixtures.

Company News

Spotlight on James Masterfield: ‘Westward Ho!’

James Masterfield (MCI® Regional Sales Representative for the Central US) has had a full travel schedule this summer, covering ground in the Midwest and as far West as Utah and Colorado. From industry events and client visits to equipment installations, James has been busy representing Cortec®, building connections, and supporting the broader construction/concrete industry. Here are a few highlights from his travels!



Minnesota Concrete Council “Little Shoot”

In May, James participated in the Minnesota Concrete Council’s (MCC’s) annual “Little Shoot,” a clay target competition that raises scholarship funds for students entering the concrete industry. Cortec® proudly sponsored a station at the event, where James hit an impressive 41 out of 50 targets—earning him a spot among the top five participants! It was a great place to network with industry professionals, and James especially enjoyed the opportunity to continue building relationships with contractors, engineers, and ready-mix suppliers in the region.

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RECENT & ONGOING PROJECTS

Preventative Maintenance: Lesson from an East Coast School

They say an ounce of prevention is worth a pound of cure—and one high school in Massachusetts is taking that to heart.

To help preserve the reinforced concrete substructure of their facility, the school chose to apply [MCI®-2020 V/O](#) to an estimated area of approximately 150,000 ft² (14,000 m²). Even though the overhead concrete visible under the structure still looked to be in relatively good condition, it showed some signs of efflorescence, which could indicate corrosive contamination and impending corrosion.

The goal? To proactively slow down corrosion and extend service life—before serious visible damage like cracking or spalling can occur from chloride exposure and a harsh climate. Once corrosion reaches an advanced stage, repairs are far more labor-intensive and costly.

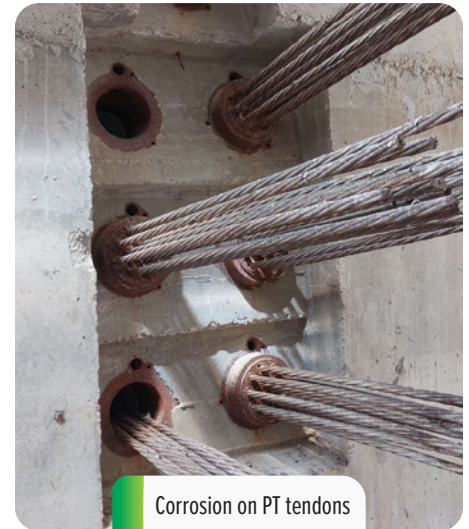
By acting early, the school anticipated saving more than 50% of potential repair costs (from inaction) through proactive preventative maintenance with MCI®-2020 V/O.

PT Bridge Maintenance Project in Process!

A suite of three MCI® products is being used to restore and protect dozens of bridges as part of a highway system maintenance project in southeastern Europe. After corrosion was found on post-tensioning cables within box-shaped cross sections of some of the bridges, a local designer specified the use of a corrosion inhibiting grout from a Cortec® competitor as part of the remediation program. However, the contractor decided to go with MCI®, which offered a more comprehensive, yet non-destructive method of protection.

After corroding tendons were replaced with new cables, [MCI®-309](#) was injected into the PT duct for corrosion protection before grouting. CorrVerter® MCI® was applied to metal at the ends of the ducts, and MCI® Mini Grenades were mixed into the grout

for enhanced protection. The project is still in progress as the contractor works through approximately 30 bridges and applies this method as needed for rehabilitation and/or future protection.



Putting Oil-Eating Microbes to the Test: A Greener Way to Clean Concrete Stains

We’ve all seen them—those stubborn oil stains that show up in driveways, garages, or parking ramps. Most of the time, they’re left alone because scrubbing them out with harsh chemicals feels like too much effort—and not the most environmentally friendly option.

But what if there was a “green” alternative that was both easy to use and effective?

That’s where MCI®-2061 comes in. This biological cleaner combines oil-degrading microorganisms with biodegradable surfactants to break down hydrocarbons without the need for aggressive chemicals.

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The surfactants help emulsify and mobilize oily residues, increasing their bioavailability to the microbial blend. These microorganisms then biodegrade the hydrocarbons, helping restore cleaner, safer surfaces in industrial environments.

Real-World Testing in Croatia

Recently, MCI®-2061 was put to the test on two separate stains in a concrete parking lot in Croatia:

- Stain 1: A long-standing bitumen stain, present for over half a year
- Stain 2: A relatively fresh hydraulic oil stain, just 15 days old

Each stain was treated using different dilution ratios and application times to evaluate performance:

- Stain 1 was treated with MCI®-2061 diluted 1:10 in water and left for 24 hours.
- Stain 2 was treated with a 1:25 dilution and left for one hour.

After the first treatment:

- Stain 1 lightened by 30%.
- Stain 2 faded by 50%.



Stain 1: Before treatment



Stain 1: After first treatment

After a second application:

- Stain 1 was further reduced by 30% in intensity and area.
- Stain 2 was nearly eliminated.



Stain 2: Before treatment



Stain 2: After second treatment

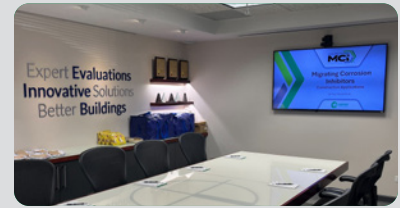
Key Takeaway: Sooner is Better

While MCI®-2061 improved the appearance of both stains, it was especially effective on the newer one—showing the value of addressing stains early before they set deeper into concrete. Given that this product continues to work as long as the contaminant remains, stains should continue to lighten over time.

As summer draws to a close in many regions, now is the perfect time to check your facility—or your client's—parking spaces for overlooked stains. A quick treatment with MCI®-2061 can make a big difference in curb appeal and surface maintenance.

Company News

Lunch and Learn in Chicago



During a stop in Chicago, James hosted a Lunch and Learn at a consulting firm that was familiar with MCI® but needed to introduce the technology to a fresh batch of engineers. Sessions like these are not only a great way to have a fun and educational team lunch; they also present the opportunity for continuing education and professional development through Cortec's AIA-accredited courses. Interested in hosting a session for your team? Learn more here: www.cortecmci.com/aia-ces-continuing-education-programs/

ICRI Golf Tournaments in Minnesota and Colorado

In July, James participated in two ICRI chapter golf tournaments—one in Minnesota and the other in Colorado. Cortec® served as a sponsor for both events, partnering with Altitude Construction Supply (one of our newest distributors) for the Rocky Mountain Chapter outing. During the tournaments, James had the pleasure of swinging his golf club alongside engineers and contractors from organizations such as Walker Consultants, the Army Corp of Engineers, NPW Contractors, and Cy-Con Contractors.



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Company News

Industry Dinner with Rocky Mountain ICRI



While in Colorado, James attended a dinner with board members of the Rocky Mountain ICRI chapter, which had the honor of hosting two special guests: ICRI's national president and director. The evening included valuable discussions on current market trends, industry challenges, and strategies to improve concrete restoration standards and education.

MCI® Dispensing Equipment Installation in Utah



On another western trip, James was joined by Bryan James (Cortec® Maintenance Tech), who came to help install MCI® admixture dosing equipment at a ready-mix and aggregate supplier in Utah. The installation supported the use of MCI®-2005 NS on a parking garage project tied to a major resort development in the area.

It's been a productive season for the MCI® team, and we appreciate the opportunities to engage with so many of you across the region. Have a project coming up or questions about MCI® solutions? We're here to help: www.cortecmci.com/contact-us

In-Depth MCI® Training at Cortec® Headquarters

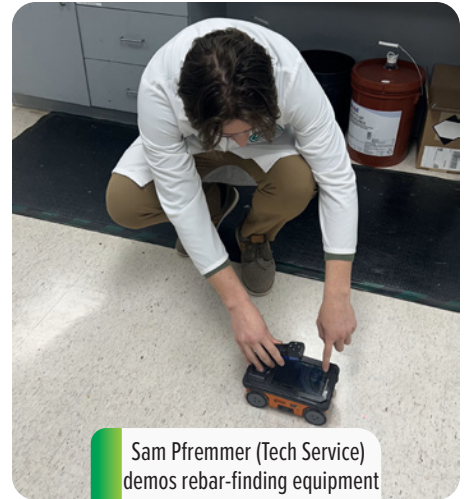
It was great to have three employees from our new Kansas MCI® distributor, Sustain Admixtures, at Cortec® headquarters last May for an MCI® intensive training session. This was the first time in a long time for us to host a dedicated MCI® training program at headquarters with a very personalized approach for our distributors. Jessi Meyer (VP of Product Management, Technical Sales & Marketing), who has focused on MCI® for almost her entire career, led the training sessions, which took a broad view of MCI® before diving deeper into the details of MCI® admixtures, MCI® surface applied corrosion inhibitors (SACIs), and how they stand out from the competition. Several members of our MCI®/Southeast Asia sales team joined in person or virtually. Lectures gave way to time in the lab for MCI® related tours and demos. Highlights included:

- Rebar detection equipment demo
- Explanation of ASTM G180 testing
- Hands-on practice applying CorrVerter® MCI® to passivate rust on metal

We're so grateful for those of you who took time to travel to Minnesota and join us for two great days of getting to know our products and people. You are a valuable part of our team and we are here to help you succeed in your market! Contact us for more info on MCI® training opportunities: www.cortecmci.com/contact-us

New 5-in-1 MCI® Brochure!

As part of our rebranding effort, we have consolidated our five MCI® brochures into one, ensuring that all essential information is available in a single, easy-to-navigate resource. The new brochure uses insightful graphics to help tell the larger story of corrosion protection before branching into specific strategies. Each of our four product lines (Admixtures, Topical Treatments, Repair Mortars, Specialty Products) are explained with key test results highlighted throughout the brochure. A product application guide



Sam Pfremmer (Tech Service) demos rebar-finding equipment



Jake Hemberger (Coatings Chemist) leads demo on CorrVerter® MCI® application to rusty metal



in the middle of the brochure ties everything together by recommending specific products for use at three different stages of structural service life. The brochure also includes info on the five steps of HPRS®, Cortec's High Performance Repair System. Check out this great new resource to share with your colleagues and contractors today!

www.cortecvci.com/Publications/Brochures/MCIBrochure

MCI® in Print

MCI® Featured in Historic Bridge Repair

[Concrete Engineering International](#) | August 2025

A recent Cortec® MCI® project was spotlighted in the August issue of *Concrete Engineering International*, a biannual publication distributed to members of the Concrete Society. The article highlights the restoration of the Lomost Bridge—Croatia's oldest reinforced concrete bridge—detailing the damage and repair process. We're proud that MCI®-2005 and MCI®-2020 played a key role in the rehabilitation and were featured prominently in the article's conclusion. It's an exciting recognition of how MCI® technology continues to support the preservation of

historic concrete structures around the world.

Ivana Liposcak (MCI® Technical Sales Manager, Europe) in collaboration with project designer Kindijng, selected the optimal MCI® solution for the protection and rehabilitation of the bridge in Ogulin. This complex and demanding project, both in terms of material selection and structural requirements, stands as a prime example of how MCI® technology delivers unmatched performance. By not only meeting but exceeding stringent industry standards, MCI® solutions clearly demonstrate their superiority over conventional alternatives, setting a new benchmark in bridge preservation and rehabilitation.



Upcoming Events



EUROCORR 2025
September 7th–11th, 2025
Siddis Center • Stavanger, Norway
www.eurocorr.org



EOS/ESD 47TH ANNUAL SYMPOSIUM
September 15th–19th, 2025
Riverside Convention Center
Riverside, CA • Booth #106
www.esda.org



CORTEC® EUROPEAN SALES MEETING
September 24th–26th, 2025
Westin Hotel and Patria Hotel
Zagreb and Beli Manastir, Croatia
www.cortecvci.com



CORTEC® ASIA SALES MEETING
October 8th–11th, 2025
Honolulu, Hawaii, USA
www.cortecvci.com



HEAT EXCHANGER WORLD AMERICA
October 15th–16th, 2025
NRG Center • Houston, Texas, USA • Booth #2011
www.heat-exchanger-world-americas.com



ICRI 2025 FALL CONVENTION
October 19th–22th, 2025
Intercontinental Hotel • Chicago, Illinois
www.icri.org/news-events/2025



ACI CONCRETE CONVENTION
October 26th–29th, 2025
Hilton Baltimore & Marriott Baltimore Inner Harbor
Baltimore, MD, USA
www.concrete.org/newsandevents



AWT 2025 ANNUAL CONVENTION
November 12th–15th, 2025
The Broadmoor • Colorado Springs, Colorado
Booth #21
www.awt.org/events/annual-convention



WORLD OF CONCRETE 2026
January 19th–22nd, 2026
Las Vegas Convention Center
Las Vegas, Nevada • Booth #S11614
www.worldofconcrete.com



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