WCPA 2020 Annual Concrete Pavement Conference

PROGRAM

February 13-14, 2020

*Earn up to 8 Professional Development Hours*

Madison Marriott West
Middleton, WI
Thursday, February 13, 2020

8:00 AM  Registration, Light Continental Breakfast & Exhibitor Showcase

9:00 AM  Welcome, Introductions, and Celebrating the Concrete Pavement Industry (Geneva/Mendota/Wisconsin)
   Kevin McMullen, PE - WCPA President
   Jackie Spoor - WCPA Pavement Engineer

9:30 AM  Wisconsin Department of Transportation - Address From the Secretary's Office
   Craig Thompson - Secretary, Wisconsin Department of Transportation

9:50 AM  "Just Fix It" - Preparing to Reenergize the Public
   Debby Jackson - Transportation Development Association of Wisconsin

10:10 AM  American Concrete Pavement Association - National Initiatives
   Leif Wathne, PE - American Concrete Pavement Association

10:55 AM  SAM and Performance Engineered Concrete Mixtures - Wisconsin Research: What Have We Learned?
   Tyler Ley, PE, PhD - Oklahoma State University

11:45 AM  STH 28/67 - City of Mayville: Recognition of a National Award Winning Project in Wisconsin
   Kevin McMullen, PE - WCPA President
   Leif Wathne, PE - American Concrete Pavement Association

12:00 PM  2019 - The Best Concrete Paving in Wisconsin
   Dan Tyler, PE - Wisconsin Department of Transportation

12:15 PM  Lunch Featuring Special Guest Speaker, Phillip Koontz
   Overcoming Adversity: A Navy Seal’s Advice on Facing Life’s Many Challenges (Michigan)

1:45 - 2 PM  Break & Exhibitor Showcase

BREAKOUT SESSIONS  2 - 5 PM

<table>
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<th>Time</th>
<th>Construction Track (Salon D)</th>
<th>Design/Research Track (Salon E)</th>
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| Session 1:    | Workforce Development in the Concrete Industry
   Jackie Spoor - WCPA Pavement Engineer
   Gretchen Bockenhauer - UW Platteville                                                                                                  | Joint Design and Construction Issues
   Kevin McMullen, PE - WCPA President                                                                                                                                                   |
| 2-2:45 PM     |                                                                                                                                                                                                                           |                                                                                                                                               |
| Session 2:    | Highway Technician Certification Program, Major Program Upgrades & Changes in Policy
   Jodi Pluemer - Highway Technician Certification Program                                                                                  | Joint Sawing and Sealing - Lessons Learned from Research
   Danny Xiao, PE, PhD - UW Platteville                                                                                               |                                                                                                                                               |
| 3-3:45 PM     |                                                                                                                                                                                                                           |                                                                                                                                               |
| Session 3:    | Designing a Concrete Mixture - How is it Taught in the HTCP Tech II Training?
   Andrea Breen, PE - Zignego Company                                                                                                           | Dowel Bars - Accuracy of Placement
   Chad Hayes, PE - Wisconsin Department of Transportation
   Kevin McMullen, PE - WCPA President                                                                                               |                                                                                                                                               |
| 4-4:45 PM     |                                                                                                                                                                                                                           |                                                                                                                                               |

5:00 PM  Break

6:00 PM  WCPA’s Wisconsin Tailgate Dinner, Scholarship Recognition, and Exhibitor Showcase
   (Geneva/Mendota/Wisconsin)

8:00 PM - midnight  WCPA Hospitality & Networking (Salons FGH)
Friday Conference Agenda

Friday, February 14, 2020

7:00 AM  Registration for New Arrivals, Exhibitor Showcase & HOT Breakfast Buffet

8:00 AM  Performance Engineered Mixtures Two Years Later: An Update (Geneva/Mendota/Wisconsin)
          Mike Praul, PE - Federal Highway Administration

8:30 AM  Optimized Gradation / Mixtures: A Walk Through the Knowledge and Spreadsheet Tools
          Jackie Spoor - WCPA Pavement Engineer
          Dan King, PE - Iowa Concrete Paving Association / Iowa State University
          Mike Hammit - Trierweiler Construction Company, Inc.

9:15 AM  Lessons Learned: Passing On What We Learn in Construction to Impact Design and Specifications
          Kevin McMullen, PE - WCPA President
          Barry Paye, PE - Wisconsin Department of Transportation
          Chad Hayes, PE - Wisconsin Department of Transportation

9:45 AM  QUALITY! Important and Measurable
          Barry Paye, PE - Wisconsin Department of Transportation
          Jackie Spoor - WCPA Pavement Engineer

10:15 AM Break & Exhibitor Showcase

10:30 AM Concrete Repair Utilizing Non-Cementitious Repair Materials: A Report on the WHRP Research Project
          Prashant Ram, PE - Applied Pavement Technology, Inc.

11:00 AM Ethics in the Practice of Engineering in Wisconsin
          Ryan Murphy, JD, PE - Edgerton Contractors, Inc. and Marquette University

12:00 PM Adjourn

Download the official event app for the WCPA 2020 Annual Concrete Pavement Conference

- Get Whova from the App Store or Google Play.
- Please sign up for the app with your social media account or email.
- You will be asked for an event invitation code after installing Whova.

The event invitation code is: wcpa2020
Brock White provides reinforcing steel, curing compounds and related paving products.

CTS Cement Manufacturing Corporation is the producer of Rapid Set® cement products. Rapid Set is used in concrete application requiring the highest durability and fastest strength gain, capable of achieving structural and drive-in strength in one hour.

Brown Precast is a precast concrete manufacturer of Redi-Rock and PoleBase.

Esch Construction Supply, Inc. has been serving contractors for over 50 years. Whether you’re looking for diamonds, cutting equipment, parts, or repair service, we will take care of you from start to finish.

Flores Automation & Machine Control 3D stringless paving equipment and sales, data preparation, installation, training and service.

GeoTest is a multi-faceted firm providing geotechnical engineering, construction materials engineering and testing, as well as geological and industrial minerals laboratory testing services. Our field and laboratory services range from geotechnical site evaluation and construction observation, to testing and monitoring the quality of the construction materials delivered and installed at your project. Laboratory capabilities include testing soil, rock, concrete, aggregates, hot-mix asphalt, stone, masonry, mortar, and grout. Our firm conducts testing services for a wide range of projects, such as airports, roads, bridges, landfills, and buildings. We have a broad range of testing capabilities and professional experience to enhance the quality of your construction project.

MAPEI - Manufacturer/supplier of chemical admixtures and synthetic fiber for concrete.

Master Builders is leading the industry with innovative technologies and reliable products since 1909. Master Builders Solutions is a global provider of concrete admixtures that improve mixing, placing, pumping, finishing, appearance and performance characteristics of concrete used in the ready mix, precast, paving, turred and underground construction markets.

Neenah Foundry is a supplier of municipal cast iron products including tree grates, trench grates, bollards, detectable warning plates, manhole castings and inlet castings.
NITROcrete is the only automated nitrogen application system that cools concrete up to 30 degrees. Our patented approach optimizes fresh concrete properties, including longer windows of finishability and reduced labor costs.

Power Curbers & Power Pavers is a leading manufacturer of slipform concrete paving equipment; applications include curb & gutter, barrier wall, paving, sidewalks, and agricultural projects.

Roland Machinery Co. - Heavy construction & mining equipment dealership & service department.

Sika Corporation is a global construction technology leader, with over 100 years of experience in producing high quality, innovative admixture technologies. Sika offers a complete range of admixtures, fibers, coatings, grouts and sealants for the concrete industry. Sika Decorative Concrete offers both Butterfield Color and Scofield brands of decorative concrete products.

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UW-Platteville's booth will highlight the university’s new Bachelor of Science in Construction Management and provide information about addressing workforce needs utilizing three hands-on labs. UWPlatteville will have information, pens, save the date cards for our two upcoming events, and more fun giveaways for attendees.

Uretek USA Since 1989, URETEK has put thousands of customers in control of their soil stabilization and pavement lifting problems, saving them millions of dollars in costly repairs, downtime and disruption. URETEK USA rehabilitates pavement assets through advanced technology characterized by superior chemistry, inventive technique, and extensive experience. Our URETEK ICR division specializes in industrial, commercial and residential applications.

The Wisconsin Concrete Pipe Association is a technical and educational trade association representing the concrete pipe manufacturers of Wisconsin. The members manufacture reinforced concrete storm sewer pipe, reinforced concrete sanitary sewer pipe, non-reinforced concrete sanitary sewer pipe, non-reinforced concrete culvert pipe, manholes, reinforced concrete boxes, reinforced concrete elliptical pipe, reinforced concrete arch pipe and a variety of precast concrete connectors.

Wisconsin Highway Research Program (WHRP)'s mission is to improve the roads in Wisconsin by delivering thoughtful and timely research findings for implementation.
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Wirtgen America, Inc. and its dealer network offer a broad range of services tailored to your individual requirements for all areas of road construction, as well as the mining and processing of minerals. With passion and know-how, our experienced team ensures your success every single day.

**GOLD**

**MAPEI** - Manufacturer/supplier of chemical admixtures and synthetic fiber for concrete.

American State Equipment Co., Inc. is a heavy equipment company in business since 1967 and operates six locations: its Milwaukee headquarters, which contains the corporate offices and also serves lifting, material-handling, and paving-equipment customers in southeastern and south-central Wisconsin; the Wausau branch office which serves the customers in the rest of Wisconsin and Upper Michigan, locations in St. Paul and Duluth, Minnesota, the crushing and screening division in Little Chute; and a wholly owned subsidiary, Finkbiner Equipment Company in Chicago and East Peoria, Illinois.

Esch Construction Supply, Inc. has been serving contractors for over 50 years. Whether you’re looking for diamonds, cutting equipment, parts, or repair service, we will take care of you from start to finish.

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LafargeHolcim - As the new leader in the building materials industry, LafargeHolcim has the assets necessary to address the challenges of a new world. With a local presence in 90 countries, the most innovative cements, fly ash, normal weight and TrueLite lightweight aggregate solutions to meet our customers’ needs, and a commitment to health, safety, and sustainability, we have the most efficient business model and the best performing operating models and teams.

RexCon, Inc. Manufacturer of concrete batch plants, mixers, paving equipment and automation controls. Supplier of dust collection equipment, conveyors and water heaters/chillers.

St. Marys Cement Company is a part of worldwide Votorantim Cimentos which supplies cement and slag cement to customers across the Great Lakes region and is also a major supplier of concrete and aggregates thru Prairie Materials and Canada Building Materials (CBM) operating units.

**ROLAND MACHINERY CO.**

Roland Machinery Co. - Heavy construction & mining equipment dealership & service department.

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- Premiere Concrete Admixtures
- Simplex

**Professional Development Hours (PDH)**

Attention Professional Engineers: There are 8 Professional Development Hours available for attending this year’s WCPA Conference! Visit the “PDH Station” near the registration desk in the conference center lobby.

* Sign the attendance sheet each day & take a PDH certificate for your records *

**Wisconsin Tailgate Dinner, Scholarship Recognition & Exhibitor Showcase**

If you have pre-registered for the WCPA’s Wisconsin Tailgate Dinner on Thursday evening from 6-8 PM, you will have an orange dot on your name badge. Visit the registration desk for details if you would like to add this event for $25. Be sure to visit the WCPA Exhibitor Showcase and learn more about our members’ products and services.

**Presentations**

Can’t attend all the sessions in-person? Need to review something you learned at the Conference? Presentations from the Conference will be available online next week. [www.wisconcrete.org](http://www.wisconcrete.org)

**Survey**

Watch your email for an after-event survey! Your input will help us plan for future events to make certain our next program is both interesting and informative for our attendees.

**Save the Date!**

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February 10-12, 2021 in Appleton, WI