

January 5, 2017



Paver Express

A bi-weekly news and information resource from the Interlocking Concrete Pavement Institute

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ICPI NEWS

Don't Forget to Take Advantage of the Early-Bird Registration for the 2017 ICPI Annual Meeting!



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icpi
Interlocking Concrete Pavement Institute®

2017 ICPI Annual Meeting
February 14–17, 2017

ICONXCHANGE
February 18–19, 2017

ARIZONA GRAND RESORT • PHOENIX, ARIZONA

ICPI would like to welcome all members and their spouses to attend the upcoming Annual Meeting Feb. 14-17, 2017, at the Arizona Grand Resort in Phoenix, Arizona.

Full registration includes all Committee meetings, the General Session Luncheon, ICPI Social Event and Networking Reception with NCMA members. The ICPI Annual Meeting is in conjunction with the NCMA ICON-Xchange (Feb. 18-19), as well as the NCMA Annual Convention (Feb. 20-22).

Full company registration has returned! Your company administrator can now register all company employees attending the ICPI Annual Meeting in one online transaction. Be sure to register yourself and your colleagues [here](#), or visit the [event website here](#) to view the schedule of events and for more detailed

information.

Don't forget to take advantage of the early-bird registration discounts and register before **Jan. 16**. Registration fees increase Tuesday, Jan. 17.



New ICPI Sponsorship Opportunities Now Available for Annual Meeting in Phoenix



ICPI

ICPI approved and released two new sponsorship opportunities for the upcoming Annual Meeting taking place Feb. 14-17 in Phoenix, Arizona. The updated sponsorship commitment form is on the [event website](#) under the Sponsorship tab for companies who would like to gain additional visibility at the event.

Be sure to return your sponsorship commitment form by no later than **Jan. 9** to be included in all promotional materials. Please note that no sponsorship opportunity is exclusive to any single member company. **READ MORE**

ICPI Needs Your Feedback



ICPI

ICPI annually conducts a membership services and programs evaluation to help the ICPI Board, committees and staff create new programs, and determine whether certain programs are no longer valued by members. In an effort to continually improve the services provided to ICPI members, the ICPI membership department sent you an email on Wednesday containing a link to a brief survey that should take you about three minutes to complete.

If you haven't already, please take a few minutes to complete the survey. If you haven't received this email, please check your spam or send an email to Alison Stern, Manager of Membership and Administration, at astern@icpi.org.

ICPI Member Companies Exhibiting at World of Concrete 2017



ICPI

World of Concrete is an annual international event on Jan. 17-20 in Las Vegas, Nevada, dedicated to the commercial concrete and masonry construction industries showcasing leading industry suppliers featuring innovative products, construction machinery, construction equipment, safety training courses, new technologies and unlimited networking opportunities to give you new ways to sustain and grow your business.

Be sure to visit these ICPI members:

ICPI Member Company	Booth Number(s)
Advanced Concrete Technologies Inc.	N437
BASF Construction Chemicals	S10107
Besser Company	N1325
Columbia Machine Inc.	N719
Cyclone Technology LLC	O31365
Euclid Chemical Company	S10139 / O40853
GCP Applied Technologies Inc.	S11107
iwi group, LLC	N963 / N965
MASA	N1447
Pathfinder Systems	N1437
Polytek Development Corp	N951
QUADRA	N1557
QUIKRETE	N240 / S10326 / S10527
Sika Corporation	S10439
Soloman Colors, Inc.	O41054
SRW Products	N1119
Standley Batch Systems, Inc.	N1162
TEKA North America, Inc.	N1055
Yipin Pigments	S13119

READ MORE

2017 Northeast Hardscape Expo



ICPI

The Northeast Hardscape Expo, an event endorsed by ICPI, will take place on April 6-7 at the Rhode Island Convention Center in Providence, Rhode Island. Attendees have the opportunity to interact with other industry professionals, as well as, manufacturers, dealers, equipment suppliers, stone suppliers, mulch suppliers and other hardscape/landscape related companies and suppliers. An ICPI certification course will be offered and professional development seminars will feature current trends, best practices and assorted business-building and profitability ideas. Watch live demonstrations and the Northeast Installer Competition from the show floor.

For more information, exhibitors and a schedule of events, click [here](#).

SPONSORED CONTENT

Promoted by [Pathfinder Systems](#)

- [Tiger Model S](#) - First one coming to the States soon. Call us to see it in action (616) 395-8447
- [Playing with Blocks Video](#) - See how easy it is to operate a TIGER
- [Pathfinder Products](#) - See everything Pathfinder Systems has to offer for your Block and Paver Plants
- [Bergen Sensor Brochure](#) - Introducing the NEW Bergen Wireless Sensor... a technological breakthrough in predictive maintenance
- [Test Container Press Release](#) - Pathfinder's partner, Curetec has the answer to Controlled Curing of Concrete Products





ICPI Seeks New Manager of Technical Services

ICPI

ICPI is seeking a candidate for Manager of Technical Services, a new position created to address growing technical needs of the association.

After reviewing this description, and you believe you are qualified, please email your resume and salary requirements with a cover letter to David R. Smith, dsmith@icpi.org.

ICPI Welcomes New Members in December



ICPI

ICPI welcomes the following members:

Associate

- TMS International (Horsham, PA)

Informational Contractor

- Morin's Landscaping LLC (North Vernon, IN)
- Klutch Landscaping, Inc. (Woodbridge, ON)
- Keeler Landscape & Design, Inc. (Irmo, SC)
- Triad Leisure Scapes, Inc. (Greensboro, NC)
- RH Landscape Design & Maintenance (Janesville, WI)
- Hartman Companies (Victoria, MN)
- TerraWorks, Inc. (Bountiful, UT)
- Veridian Group, Inc. Midwest Landscape Specialist, Inc. (Saint John, IN)

Affiliate Contractor

- Kodiak Hardscape Group (Raleigh, NC)
- Wright Outdoor Solutions (West des Moines, IA)
- Castiel Precast (Long Beach, CA)
- Frontier Lawncare & Landscape, LLC (Aldie, VA)
- Naylor Landscape Management, Inc. (Kalamazoo, MI)

PRODUCT SHOWCASE



Columbia, we know paver molds.

We make molds for any machine and proudly manufacture our equipment in the U.S. We are a leading supplier of big board molds to the paver industry.

Specialized surface textures, custom engineering and extensive R&D, all while setting the standard for delivery times worldwide.

[Visit us online to learn more.](http://www.columbiamachine.com/molds)

Did You Know?



ICPI

The Jan. 1, 2017 package of the ICPI Safety Meeting Templates are now available to ICPI members on ICPI's website.

Job site safety is important to your workers, your company and you. Making sure your workers have the knowledge they need to keep them safe is the first step to building a culture of safety within your company. In fact, as part of an effective health and safety program, your workers should participate in regularly scheduled meetings to discuss safety on the work site. **READ MORE**



MEMBER NEWS

County Materials Pavers Featured in *Masonry Magazine*



ICPI



Image 1: The October 2016 issue of Masonry Magazine features concrete pavers manufactured by County Materials Corporation in this award winning residence.

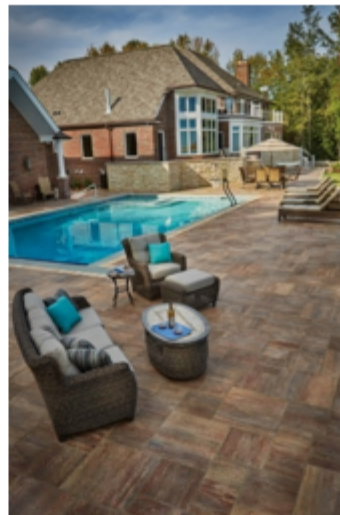


Image 2: The backyard patio and pool of this Port Washington, WI, residence utilizes Elements Paving Stones in Serenity color, bordered with tumbled Elements Paving Stones in Vision color, all manufactured by County Materials Corporation.

Masonry Magazine, a nationally recognized industry publication, featured the inspiring application of County Materials Corporation's interlocking concrete pavers at the East Norport Drive Residence in Port Washington, Wisconsin. The publication's October 2016 cover prominently displayed the project in addition to a full two-page spread with additional photos of the driveway and backyard patio, which creates a stunning scene around the equally as impressive house. **READ MORE**

ICPI Members: Got News to Share?



ICPI

Add ICPI to your news distribution list and have your news shared in the Paver Express. We encourage you to send news about your company, community service projects or key employees. Send press releases and other new items to [Reba Miller](#), Marketing & Meetings Coordinator.

GOVERNMENT/ECONOMIC INDICATORS

Average 30-Year Fixed Mortgage Rates, 2010-2016



NAM

Financial markets continue to gift us with new all-time highs, boosted by cautious optimism in the outlook and healthy gains in a number of economic indicators. The Dow Jones Industrial Average has now risen roughly 13 percent so far in 2016, with a 7.4 percent gain since the election. Global equity markets have also jumped notably in recent weeks. **READ MORE**

Expected Manufacturing Growth over Next 12 Months



NAM

After a burst of post-election enthusiasm, several reports out last week reminded us that the economy continues to have some challenges, despite recent progress. For instance, new manufacturing production data, down 0.1 percent in November, were disappointing following two months of gains. Moreover, output in the sector has risen just 0.1 percent on a year-over-year basis, suggesting essentially stagnant growth over the past 12 months. Meanwhile, total industrial production declined 0.4 percent in November, falling for the third time in the past four months. In addition to manufacturing, utilities production was also lower, down 4.4 percent, whereas mining output increased for the second straight month, up 1.1 percent. On a positive note, we would expect manufacturing production growth to accelerate moving forward, especially if more upbeat sentiment surveys (see below) prove accurate. We anticipate manufacturing output to increase roughly 1.5 percent in 2017. **READ MORE**

Business and Consumer Sentiment Surveys



NAM

Consumer confidence soared in December to its highest level since August 2001, according to the Conference Board. The Consumer Confidence Index jumped from 109.4 in November to 113.7 in December. This mirrored a similar post-election rise in sentiment in the competing survey from the University of Michigan and Thomson Reuters, which rose to levels not seen since January 2004. More importantly, it continues a trend of surveys showing sentiment rising significantly post-election, including homebuilders, small businesses and manufacturers. Indeed, the Dallas and Richmond Federal Reserve Banks reported expanding manufacturing activity in December for the second straight month on stronger new orders, shipments and production data, and both surveys noted very optimistic outlooks in their respective regions. On the negative side, current hiring levels were soft in both surveys for the month, but employment growth was predicted to accelerate in the first half of 2017. **READ MORE**

Transportation Funding Boost on Hold



The Hill

An infrastructure funding boost that was approved and paid for by Congress last year is once again on hold because of a short-term spending bill.

Under the Fixing America's Surface Transportation (FAST) Act passed in December 2015, investments in Highway Trust Fund transportation projects were supposed to increase by \$2.4 billion starting in fiscal 2017. But House leaders unveiled another continuing resolution (CR) on Tuesday evening that would continue fiscal 2016 spending levels through the end of April. **READ MORE**

INDUSTRY BUZZ



The Most Effective Weapon on the Modern Battlefield is Concrete

Modern War Institute

Ask any Iraq War veteran about Jersey, Alaska, Texas and Colorado and you will be surprised to get stories not about states, but about concrete barriers. Many soldiers deployed to Iraq became experts in concrete during their combat tours. Concrete is as symbolic to their deployments as the weapons they carried. No other weapon or technology has done more to contribute to achieving strategic goals of providing security, protecting populations, establishing stability and eliminating terrorist threats. This was most evident in the complex urban terrain of Baghdad, Iraq. Increasing urbanization and its consequent influence on global patterns of conflict mean that the U.S. military is almost certain to be fighting in cities again in our future wars. Military planners would be derelict in their duty if they allowed the hard-won lessons about concrete learned on Baghdad's streets to be forgotten. **READ MORE**

Permeable Paver Projects Increase Useable Area



Forester Daily News

As the use of green infrastructure becomes more widespread, and more properties need to manage as much stormwater runoff as possible onsite, the use of permeable pavers is increasing — on both new and retrofit projects. **READ MORE**

Grooming Grove Street



Storm Water Solutions

Permeable paver parking lots have become more commonplace in the Midwestern U.S. in the past 10 to 15 years. Designers have utilized the same proven pavement sections on a variety of successful projects, while tallying few failures. The village of Downers Grove, Illinois, is a progressive community that strives to be on the cutting edge of green infrastructure and storm water management techniques. As such, the village used permeable pavers when reconstructing Grove Street in the heart of its historic downtown. **READ MORE**

Modular Sidewalk Paving System Harvests Solar & Kinetic Energy, and Is Made from Recycled Plastic



TreeHugger

Although conventional wisdom has it that road and sidewalk surfaces aren't the optimal placements for harvesting solar energy, that hasn't stopped the development of "underfoot solar" products, as this latest entry into the sector illustrates. Platío, based in Hungary, has developed its own version of a solar generating paving system, and is working on a sister product that converts kinetic energy from footsteps into clean electricity. **READ MORE**

2017 Deadline Approaching for Chesapeake Bay Pollution Reduction Goals



Community Idea Stations

States in the Chesapeake Bay watershed have spent decades implementing a cooperative agreement to reduce pollution. A deadline is approaching next year to make sure jurisdictions are reaching the ultimate goal of a restored Bay by 2025. Virginia Currents Producer Catherine Komp has more. **READ MORE**

Next CBP Conference in Seoul, South Korea, Oct. 16-19, 2018



ICCPB 2018

The 12th International Conference on Concrete Block Pavement (ICCPB 2018) will take place Oct. 16-19, 2018 in Seoul, Korea at the Korean Chamber of Commerce and Industry Building. The ICCBP 2018 event will be organized by the Association of Block Pavement in Korea and will be sponsored by the Metropolitan Government of Seoul and the Ministry of Land, Infrastructure and Transportation, South Korea. **READ MORE**

ASCE Continuing Education and ASCE's Environmental & Water Resources



Institute (EWRI) Webinars

ASCE

Introduction to Permeable Pavements: Applications, General Design, and Maintenance — A Live ASCE Webinar

Date: Wednesday, February 8, 2017

Time: Noon - 1 p.m. EST

Registration ends Feb. 3

Register Now!

The use of permeable pavements is rapidly increasing as the acceptance and desire to use green infrastructure methods for stormwater management continues to grow. The uses, installation methods, and types of permeable pavement materials is also rapidly expanding. New technical resources for improving the design and construction of the pavements are emerging. This introductory webinar discusses various permeable pavement types, site considerations common to all permeable pavements their benefits, and tips for avoiding structural and clogging problems. **MORE INFO**

Advanced Permeable Pavement Design: Structural and Hydrologic Considerations, Construction Implementation, and Maintenance — A Live ASCE Webinar

Date: Tuesday, March 14, 2017

Time: 11:30 a.m. - 1 p.m. EST

Registration ends March 9

Register Now!

This webinar is a follow-up to the webinar Introduction to Permeable Pavements. This webinar presents key information on hydrologic and structural design protocols, permeable pavement construction, and maintenance. It also presents case studies that highlight key planning, engineering, and construction considerations. Attendees should have a general understanding of permeable pavement benefits and function, key system components and design fundamentals prior to attending this webinar. **MORE INFO**

MISSED AN ISSUE OF THE PAVER EXPRESS? VISIT AND SEARCH THE ARCHIVE TODAY.

ICPI CALENDAR OF EVENTS

Date	Event	Location
Jan. 10-11	Certified Concrete Paver Installer Course — Pavestone & Ewing	Duluth, GA
Jan. 12	PICP Specialist Course — Belgard	Atlanta, GA
Jan. 12-13	Certified Concrete Paver Installer Course — Belgard	Cypress, TX
Jan. 15	PICP Specialist Course — Belgard & SiteOne	Columbus, OH
Jan. 16-17	Certified Concrete Paver Installer Course — NC Nursery & Landscape Association	Greensboro, NC
Jan. 17-18	Certified Concrete Paver Installer Course at World of Concrete (WOC)	Las Vegas, NV

Jan. 17-18	Certified Concrete Paver Installer Course — Pavestone	Henderson, CO
Jan. 18-19	Advanced Residential Paver Technician Course — Mid-Atlantic Horticulture	Virginia Beach, VA
Jan. 18-19	Certified Concrete Paver Installer Course — Nicolock	Frederick, MD
Jan. 18-19	Certified Concrete Paver Installer Course — County Materials Corporation	Woodbury, MN
Jan. 19-20	Certified Concrete Paver Installer Course — Eagle Bay Hardscapes	Blacksburg, VA
Jan. 19-20	Certified Concrete Paver Installer Course (Spanish Course) — Eagle Bay Hardscapes	Blacksburg, VA
Jan. 20	PICP Specialist Course — County Materials Corporation	Woodbury, MN
Jan. 23-24	Certified Concrete Paver Installer Course — County Materials Corporation	Pewaukee, WI
Jan. 25-26	Certified Concrete Paver Installer Course — Nicolock	Hershey, PA
Jan. 25	PICP Specialist Course — County Materials Corporation	Pewaukee, WI
Jan. 25-26	Advanced Residential Paver Technician Course — Belgard	Southern Pines, NC
Jan. 30-31	Certified Concrete Paver Installer Course — Belgard	Dover, DE
Jan. 30-31	Certified Concrete Paver Installer Course — County Materials Corporation	Waupaca, WI
Feb. 1-2	Certified Concrete Paver Installer Course — Belgard	Harpers Ferry, WV
Feb. 6-7	Certified Concrete Paver Installer Course — Anchor Block	Minnetonka, MN
Feb. 8-9	Certified Concrete Paver Installer Course — Nicolock	Fairfield, NJ
Feb. 14-15	Certified Concrete Paver Installer Course — Eagle Bay Hardscapes	Charlotte, NC
Feb. 14-15	Certified Concrete Paver Installer Course (Spanish Course) — Eagle Bay Hardscapes	Charlotte, NC
Feb. 14-17	ICPI 2017 Annual Meeting	Phoenix, AZ
Feb. 15-16	Certified Concrete Paver Installer Course — Techo-Bloc & Sauder's Hardscape LLC	New Holland, PA
Feb. 18-19	ICON-Xchange	Phoenix, AZ
Feb. 20-21	Certified Concrete Paver Installer Course — Amcor Masonry Products & Belgard	Salt Lake City, UT

Feb. 22-23	Certified Concrete Paver Installer Course — Lowcountry Paver	Hardeeville, SC
Feb. 22-23	Certified Concrete Paver Installer Course — Nicolock	Lindenhurst, NY
April 4	2017 Montreal PICP Workshop	Montreal, QC
April 6-7	Northeast Hardscape Expo	Providence, RI
Aug. 22-25	ICPI 2017 Summer Meeting	Toronto, ON
Oct. 18-20	Hardscape North America	Louisville, KY

To check out more ICPI Events, click [here](#).

ICPI WEBINARS

Date	Webinar	Time
Jan. 26	Long-Term Performance of PICP: David Smith — Technical Director, ICPI	1 p.m. EST
Feb. 2	Tech Spec 5 — Cleaning, Sealing and Jointing: Robert Bowers, P.Eng — Director of Engineering, ICPI	1 p.m. EST
Feb. 28	Tech Spec 15 — Specification of Mechanically Installed ICP: Andrew Vear — Director, PaverCrafters Ltd. and Robert Bowers, P.Eng — Director of Engineering, ICPI	1 p.m. EST
March 8	Upselling to Homeowners (<i>Members Only</i>): Donny Duke — Director of Design, Engledow Estates	1 p.m. EST
March 21	Tech Spec 11 — Mechanical Installation of ICP: Robert Bowers, P.Eng — Director of Engineering, ICPI	1 p.m. EST
April 12	Providing Value and Selling to Design Professionals (<i>Members Only</i>): Mark Dooley, RLA — Architectural Sales, Basalite	1 p.m. EST
May 11	Inspection of PICP: David Smith — Technical Director, ICPI	1 p.m. EST
June 8	PICP Design Using Permeable Design Pro: David Smith — Technical Director, ICPI and Robert Bowers, P.Eng — Director of Engineering, ICPI	1 p.m. EST

To check out more ICPI Webinars, click [here](#).

TRENDING ARTICLES

Missed last week's issue? See which articles your colleagues read most.

- [2017 ICPI Annual Meeting Luncheon Speaker Announced](#) (ICPI)
- [Stormwater Rethink Aimed at Flooding in Atlanta Neighborhoods](#) (Next City)
- [Post-Recession High Set for Custom Home Building](#) (NAHB)
- [New and Updated Tech Specs Now Available](#) (ICPI)

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