

December 20, 2017



Paver Express

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

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ICPI NEWS

ICPI Advocacy on Capitol Hill Reaps Returns



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In 2008, ICPI provided legislation in a national transportation bill that was passed by the House and Senate and signed into law by then President Obama. Better known as MAP-21, or Moving Ahead for Progress in the 21st Century Act, the bill charged the U.S. Department of Transportation to implement technology transfer of permeable pavements. Since its passage, ICPI worked with the Federal Highway Administration's (FHWA) Local Technical Assistance Program (LTAP) staff in developing fact sheets on permeable pavements, an [article](#) in FHWA's Public Roads

magazine, and an FHWA-published [Tech Brief](#) on permeable interlocking concrete pavements. In addition, ICPI staff organized and contributed one-day permeable pavement seminars for the LTAPs in Ohio, Colorado and New Jersey. FWHA is now funding three additional permeable pavement seminars with Dave Hein from Applied Research Associates. The first one is scheduled for Feb. 8 in Ohio. Click [here](#) for more information.



Edward Sullivan, PCA Chief Economist is the Featured Speaker for ICPI Annual Meeting f t in ✉

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Edward Sullivan as Chief Economist of the Portland Cement Association directs all PCA's forward assessments of the economy, cement consumption and the construction industry — for the U.S., Canada and international. In each of the past two years, Mr. Sullivan was cited by the Chicago Federal Reserve as the most accurate forecaster regarding economic growth among 30 top economists. Various other forecasting surveys have placed Mr. Sullivan among the most accurate construction economists in the country.



Mr. Sullivan's analysis and views regarding the construction, cement and concrete industries will be helpful for ICPI members for corporate planning efforts and government policy. Mr. Sullivan has more than 20 years of industrial economic analysis in support of senior executives and has played an important role in several U.S. Government trade policy decisions.

To view a preliminary agenda or to register for the 2018 ICPI Annual Meeting, please click [here](#).



ICPI and NCMA Host Successful Commercial Sales Course f t in ✉

ICPI



The ICPI-NCMA Commercial Sales Course was held Dec. 11-13 in Chicago with 22 participants from throughout North America. The three-day program covered interlocking concrete pavement, permeable interlocking concrete pavement, segmental retaining walls and articulating concrete block content for sales representatives in the

commercial and transportation markets.

ICPI Technical Director David Smith and Oaks Director of Commercial Solutions Glenn Herold, P. Eng., taught the ICP and PICIP portions with an emphasis on competitive systems overview and technical tools and skills. Additionally, Glenn Herold, P. Eng. reviewed the SRW and ACB course content with NCMA Director of Geotechnical Systems, Gabriela Mariscal, P. Eng.

Visit [ICPI's Events Calendar](#) to view other upcoming courses and events.

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ICPI Needs Your Feedback



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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. To continually improve the services provided to members, the ICPI membership department will be sending an email containing a link to the Membership Needs Assessment Survey on Tuesday, Jan. 2.

Once you receive the survey, please take a few moments to fill it out so ICPI can better serve you.

ICPI Releases Fifth Edition Manual on Permeable Interlocking Concrete Pavement



ICPI

ICPI has released this updated, comprehensive guide to design, construction and maintenance of permeable interlocking concrete pavement (PICP). Authored by ICPI's Technical Director David R. Smith, the 138-page book emerged from an initial product published by ICPI in 2000 and subsequently improved over 17 years from PICP research and experience. With over 100 color figures and tables, the manual is for civil engineers, landscape architects, urban planners, contractors, stormwater and transportation agencies.

In addition, the ICPI CE Presentation 003 on PICP fundamentals has been updated to reflect changes in the fifth edition of the PICP manual.

The manual is available for purchase on the [ICPI Bookstore](#).



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Did You Know? Renewals for Certified Concrete Paver Installers Due by December 31



ICPI

For Certified Installers whose certifications expire on December 31, 2017, the renewal deadline is almost here! If you are not sure when your certification expires, visit the [Verify a Certified Installer search](#) on the ICPI website or check your Certified Concrete Paver Installer certificate and ID for your expiration date. Please make sure to send your completed renewal payment form and Continuing Education tracking form in by the due date. All late certification renewal applications incur a \$25 late charge for processing after the Dec. 31 deadline. For any questions, please call ICPI at 703-657-6900.



MEMBER NEWS

Feature Your Company in Paver Express



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As a new feature of Paver Express, ICPI will profile one voting member company per biweekly issue. This complimentary profile will highlight each company's products and services, expert staff and resources for the segmental concrete pavement industry. A company logo will also be displayed next to the article. Paver Express is distributed to 13,000 readers, including all member companies. Companies will be profiled on a rotating basis between producer, associate and voting contractor.

If you are interested in profiling your company for thousands of Paver Express readers, please send an email to

[Reba Miller](#), Marketing & Meetings Coordinator.

ICPI Members: Got News to Share?



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

GOVERNMENT/ECONOMIC INDICATORS

Manufacturers Report Record Optimism



NAM

The latest [NAM Manufacturers' Outlook Survey](#) showed manufacturers' optimism set a new record, hitting the highest level in the survey's 20-year history. NAM President and CEO Jay Timmons [appeared](#) on CNBC to announce the survey results. An overwhelming 94.6 percent of respondents say they feel positive about their company's outlook, raising the average for 2017 to 91.8 percent, up dramatically from 64.3 percent last year. Leaders on Capitol Hill and in the White House are taking note. President Donald Trump [tweeted](#) about the survey results, as did House Speaker [Paul Ryan](#). In the survey, manufacturers also made it clear that tax reform will have a powerful effect on their businesses. If tax reform passes, 63 percent of respondents would increase capital spending; 58 percent would expand their business; 54 percent would hire more workers; and 49 percent would increase employee wages and benefits.

Monthly Changes in Employment



NAM

The Bureau of Labor Statistics reported that manufacturers added 31,000 workers in November, extending the gain of 23,000 in October. More importantly, the sector has added an average of 15,545 employees on net per month so far in 2017 — quite a turnaround from the loss of 16,000 workers in 2016 as a whole. This is a sign that firms have stepped up their hiring as a result of a stronger economic outlook and increased demand and production activity. Indeed, since the end of the Great Recession, manufacturing employment has risen by 1,061,000 workers, with 12.51 million employees in the sector in this report. **READ MORE**

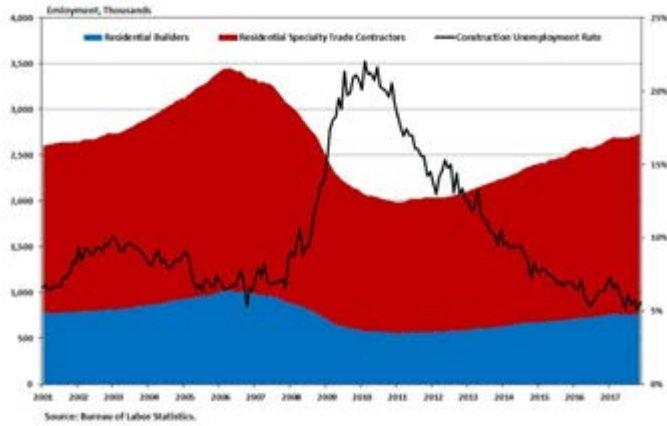


Solid Employment Gains in November



NAHB

Figure 2. Residential Construction Employment and Unemployment Rate



According to the Employment Situation for November 2017 reported by the Bureau of Labor Statistics (BLS), total nonfarm payroll employment rose by 228,000 in November and the unemployment rate was unchanged at 4.1 percent. Employment growth has averaged 174,000 per month so far this year, compared with the average monthly growth of 187,000 over all of 2016. The unemployment rate was at the lowest level since 2001. **READ MORE**

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

INDUSTRY BUZZ

Are Employers Liable for Distracted Driving?



The Washington Post

About four in 10 drivers admit to using the phone while driving, often because they feel the need to be available at all hours or don't want to upset the boss, a survey has found. The percentage of people who jump on the phone in the car is also highest for younger people. **READ MORE**

Pare Corporation Celebrates Grand Opening of \$6 Million Newport Gateway Center



New England Real Estate Journal

The Rhode Island Public Transit Authority (RIPTA) retained Pare to provide site and structural engineering services for this \$6 million improvement project. Federal, state and local funds were used to repair the facility and make it more resilient to future storms. The project ensures that the Center is fully accessible and in compliance with Federal ADA regulations. It also includes pedestrian safety and bicycle-friendly features, improved signage, a taxi waiting area, and environmentally sustainable elements to collect stormwater onsite and improve drainage. Pare's scope of work included the design of steel support columns for new metal-roofed canopies, ADA-accessible crosswalks, a new traffic flow pattern, and a "green" stormwater system using five bioretention areas/rain gardens and permeable pavers. **READ MORE**

ICPI CALENDAR OF EVENTS

Date	Event	Location
Jan. 8-9	Concrete Paver Installer Course — County	Wausau, WI

Materials Corporation

Jan. 10-11	Concrete Paver Installer Course — County Materials Corporation	DePere, WI
Jan. 10-11	Concrete Paver Installer Course — Belgard	Birmingham, AL
Jan. 15	PICP Specialist Course — North Carolina Nursery and Landscape Association	Greensboro, NC
Jan. 15-16	Concrete Paver Installer Course — Indiana Green Expo	Indianapolis, IN
Jan. 15-16	Concrete Paver Installer Course — North Carolina Nursery and Landscape Association	Greensboro, NC
Jan. 15-16	Concrete Paver Installer Course — County Materials Corporation	Minneapolis, MN
Jan. 16-17	Advanced Residential Paver Technician Course — Sauder's Hardscape Supply LLC	New Holland, PA
Jan. 17	PICP Specialist Course — Nicolock	Frederick, MD
Jan. 17	PICP Specialist Course — County Materials Corporation	Minneapolis, MN
Jan. 17-18	Advanced Residential Paver Technician Course — Belgard	Winchester, VA
Jan. 17-18	Concrete Paver Installer Course — CPM Oldcastle	Helena, MT
Jan. 21-22	Concrete Paver Installer Course — Nicolock	Lindenhurst, NY
Jan. 22-23	Concrete Paver Installer Course at 2018 World of Concrete	Las Vegas, NV
Jan. 23-24	Concrete Paver Installer Course at 2018 World of Concrete	Las Vegas, NV
Jan. 24	PICP Specialist Course — Greendell Landscape Solutions	Noblesville, IN
Jan. 24	PICP Specialist Course — County Materials Corporation	Oconomowoc, WI
Jan. 24	PICP Specialist Course — Nicolock	Manassas, VA
Jan. 24-25	Concrete Paver Installer Course — Zimmerman Mulch Products, LLC	Lebanon, PA
Jan. 30-31	Concrete Paver Installer Course — Lowcountry Paver	Hardeeville, SC
Jan. 31 - Feb. 1	Concrete Paver Installer Course (Spanish) — Nicolock and Sisler Stone	Falls Church, VA
Feb. 1	PICP Specialist Course — Lowcountry Paver	Hardeeville, SC
Feb. 1	PICP Specialist Course — Master Builders Association	Bellevue, WA
Feb. 1-2	Concrete Paver Installer Course — Master Builders Association	Bellevue, WA

Feb. 6-7	Concrete Paver Installer Course — Oberfields	Columbus, OH
Feb. 9-10	2018 ICON EXPO	Indianapolis, IN
Feb. 9-13	2018 ICPI Annual Meeting	Indianapolis, IN
Feb. 13-14	Concrete Paver Installer Course — Dunning Stone and Supply Co.	Farmington, CT
Feb. 13-14	Concrete Paver Installer Course — MidAmerica Green Industry Council (MAGIC)	Kansas City, MO
Feb. 14-15	Concrete Paver Installer Course — Watkins Concrete Block	Omaha, NE
Feb. 21-22	Concrete Paver Installer Course — Nicolock	Lindenhurst, NY
Feb. 23	PICP Specialist Course — Nicolock	Lindenhurst, NY
Feb. 27	PICP Specialist Course — Newline Hardscapes	Falls Church, VA
Feb. 27-28	Concrete Paver Installer Course — Belgard	Minnetonka, MN
March 14-15	2018 Northeast Hardscape Expo	Providence, RI
Sept. 10-13	2018 ICPI Summer Meeting	Vancouver, BC
Oct. 16-19	2018 International Conference on Concrete Block Pavement	Seoul, Korea
Oct. 17-19	2018 Hardscape North America Trade Show	Louisville, KY
March 3-6	ICPI 25th Annual Meeting (2019)	Charleston, SC

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

ICPI WEBINARS

Date	Webinar	Time
Jan. 11	Designing Rooftop, Pedestal and Deck Overlays Applications with Slabs — David Smith, ICPI Technical Director and Robert Bowers, P. Eng., ICPI Director of Engineering	1 p.m. EST
Jan. 22	Win the Job and Increase Profits: Using ICPI Certification to Differentiate Yourself from the Competition (Members Only) — Carl Peterson, Nicolock	1 p.m. EST
Feb. 6	Effective Use of Geosynthetic Materials in Hardscape Construction for Long-Term Performance — Robert Bowers, P. Eng., ICPI Director of Engineering	1 p.m. EST
Feb. 22	Modern Day Marketing of Contractors: Using Social Media and Tools like Drones, YouTube and Apps — Tom Gardocki, Interstate Landscape Co., Inc.	1 p.m. EST
March 13	How to Present a Lunch and Learn (Members Only) — Mark Dooley, Basalite and Dan Moreland, Anchor, an Oldcastle Company	1 p.m. EST
April 17	7 Key Principles (Everyone Should Know) for Sales Success (Members Only) — Randy Anderson, E3 Professional Trainers	1 p.m. EST
May 8	ICPI Foundation Projects Update (Members Only) — David Smith, 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.

- [Congressman David Price Impressed by Demonstration of Permeable Pavement](#) (ICPI)
- [Alley Revolution: How Detroit Rethought and Re-purposed Its Alleys](#) (Model D)
- [Benefits of Permeable Pavers You Can Share with Clients](#) (Total Landscape Care)

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