

October 11, 2017



Paver Express

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

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ICPI NEWS

Last Chance to Register Before Hardscape North America



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One week to go until the 2017 Hardscape North America trade show on October 18-20 at the Kentucky Exposition Center in Louisville. Be sure to visit the [HNA website](#) to check out all of the new and exciting thing being offered at this year's show and don't forget to [register](#) ahead of time to avoid lines!



ICPI Foundation Trustees Approve Life Cycle Cost Studies for Interlocking Concrete Pavement Systems



ICPI



The ICPI Foundation Trustees at their recent meeting approved the funding of two contracts, one for \$108,700 to Applied Research Associates Inc. and another for \$22,000 to Pavement Technical Solutions Inc. Both consultants will model the impacts of interlocking concrete pavement (ICP) within municipal pavement management systems. This is done with to determine total life performance costs under various maintenance cost scenarios, and comparing them to that for asphalt and concrete. This will indicate

if there is a compelling life-cycle cost case for municipalities to switch from asphalt or concrete pavements to ICP. The municipal pavement management systems examined will include networks and typical pavement sections from low or medium volume streets in Nashville, Tennessee; Boston, Massachusetts; and Leesburg, Virginia. The project time frame is approximately six months. Deliverables include PowerPoint presentations for use by ICPI members. For an update on all ICPI Foundation research projects, [click here](#).

ICPI Thanks All of the HNA 2017 Sponsors!



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Pathfinder Systems

ICPI would like to say thank you to all of our HNA 2017 Sponsors! Without each of the sponsoring companies, we wouldn't be celebrating the biggest and best year yet. ICPI truly appreciates all that our members do to support Hardscape North America and look forward to seeing everyone Oct. 18-20 in Louisville, Kentucky.

PRODUCT SHOWCASE



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Be Sure to Stop By These ICPI Member Companies Exhibiting at HNA 2017



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Hardscape North America is the industry's largest trade show taking place Oct. 18-20 in Louisville, Kentucky. ICPI would like to thank its exhibiting member companies for helping make HNA such a big success. If you plan to attend the show, please stop by the following ICPI member booths and outdoor exhibits to discuss their products and services.

ICPI Member Company	Booth Number / Outdoor Exhibit
Alliance Designer Products, Inc.	23062
Alliance Outdoor Lighting	25011
Anchor Wall Systems, Inc.	21052
Belgard Hardscapes	20062
BP Pro	22004
DYNA	23018 / 5214D
Ewing Irrigation & Landscape Products	22070
IQ Power Tools	23038 / 5320D
Nicolock Paving Stones & Retaining Walls	26046
Pathfinder Systems	21034 / 5428D
Permaloc Corporation	23012
Sable Marco Inc.	22026
Seal King Inc.	25002
SEK-Surebond Corporation	21040 / 5526D
SRW Products	22062
Techniseal Inc.	20052
Techo-Bloc Midwest Corp.	26024
Tensar International	28011
The Quikrete Companies	20018
Weber MT, Inc.	20042 / 5102D

HNA is the Only Opportunity Each Year to Offer All ICPI Installer Courses in One Location



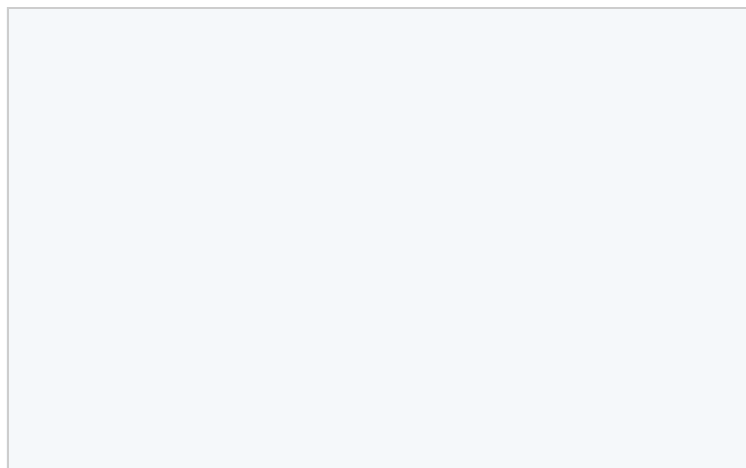
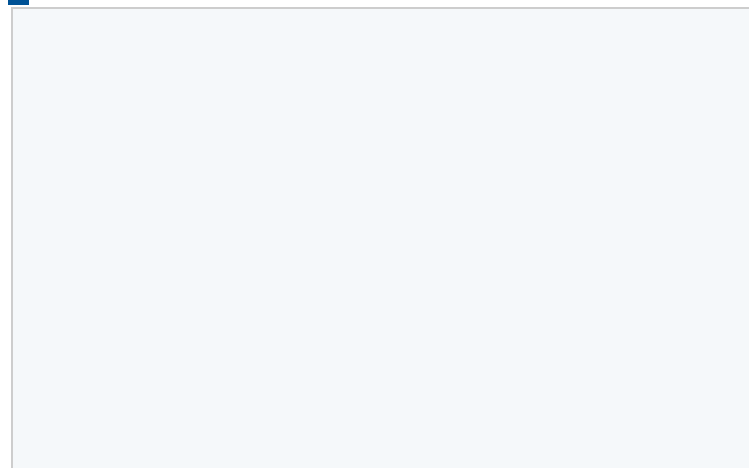
ICPI

Interested in attending an ICPI Installer Course? All courses will be available in Louisville, Kentucky before the 2017 Hardscape North America trade show on Oct. 17 and 18. It's the only time of the year that all courses are offered in one location. Courses will be held at the Hyatt Regency Hotel on both days.

- Concrete Paver Installer Course — Oct. 17-18
- Advanced Residential Paver Technician Course — Oct. 17-18
- Commercial Paver Technician Course — Oct. 17-18
- PICP Specialist Course — Oct. 18

For more information or to register for the Pre-Show Installer Courses, visit www.HardscapeNA.com.

SPONSOR SPOTLIGHT





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Test Your Knowledge with the Contractor Tool Kit Challenge at HNA 2017



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ICPI will host the Contractor Tool Kit Challenge at booth #20010 on Oct. 19-20 during the Hardscape North America trade show in Louisville, Kentucky. The videogame-style Challenge will test participants' knowledge of installation and business best practices.

The participants with the top three scores each day will receive complimentary registrations to an ICPI Concrete Paver Installer Course (retail value of \$350) of their choice throughout the country. The course is one of the key requirements for installers to become

a Certified Concrete Paver Installer. Three other top scorers each day will receive complimentary copies of the ICPI Complete Business Manual for Concrete Paver Contractors (Vander Kooi).

2017 ICPI-NCMA Commercial Sales Course to Be Held in December



ICPI

Attend the ICPI-NCMA Commercial Sales Course on Dec. 11-13 at the Hyatt Place Chicago/O'Hare Airport. This education program will provide sales representatives serving the commercial market with:

- An overview of competitive systems
- Knowledge of the technical advantages of permeable interlocking concrete pavement systems, segmental retaining walls and articulating concrete block
- An understanding of related software, product specifications, plan review and bidding procedures

For more information or to register for the event, click [here](#).

Mark Your Calendar for the ICPI 25th ICPI Annual Meeting Celebration in 2019



ICPI

A 25th Anniversary Special Committee co-chaired by Larry Nicolai and Charles Gamarekian have already begun planning the 25th ICPI Annual Meeting Celebration. The Committee has established task groups to develop a theme, fundraise for the event and create a 25th anniversary publication. At the ICPI Summer Meeting over \$100,000 in sponsorship pledges were raised to support the event. The Board of Directors approved the location selection and dates for the celebration at a recent meeting.



The 25th ICPI Annual Meeting and Celebration will be held March 3-6, 2019 at the [Belmont Charleston Place](#), Charleston, South Carolina.

Did You Know? New ICPI Safety Meeting Templates Are Now Available



ICPI

A new 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**

ICPI Welcomes New Members in September



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ICPI welcomes the following members:

Associate:

- [Federated Insurance](#) (Owatonna, MN)

Informational Contractor:

- [Modern Paving — Inland Empire](#) (Rancho Cucamonga, CA)
- [TruCut Landscaping, LLC](#) (Lebanon, CT)
- [Serene Surroundings Inc.](#) (Plymouth, MI)
- [Soares Landscaping Inc.](#) Oriole Landscaping LLC (North Chesterfield, VA)
- [Southern Pavers LLC](#) (Edinburg, TX)
- [J. S. Gooder Landscaping, LLC](#) (Circleville, OH)
- [Outside Insight](#) (Cincinnati, OH)
- [Southside Landscape Co.](#) (South Boston, VA)
- [Jacob's Yardworks, LLC](#) (Willards, MD)
- [Weston Landscape & Design Inc.](#) (Englewood, CO)
- [Rolling Hills Landscapes Inc.](#) (Pittsburgh, PA)
- [Matiscape](#) (Las Vegas, NV)
- [Mountains Best Landscape LLC](#) (Show Low, AZ)
- [Shoreline Landscapes](#) (Clinton, CT)
- [Land Designs LLC](#) (Mechanicsville, VA)

Design Professional:

- [Online DesignScapes](#) (Morehead City, NC)



MEMBER NEWS

Besser Company and Slab Innovation Establish Marketing Alliance



Besser Company

Kevin Curtis, Besser Company President and CEO, and Benoit Slavinski, Slab Innovation President, announced that the companies have established a marketing agreement. Under the agreement, Besser Company's sales team will introduce and promote Slab Innovation's progressive robotic solutions to concrete products producers worldwide. **READ MORE**

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**

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INDUSTRY BUZZ

Manufacturers' Optimism at Historic Levels; Tax Reform Promises Jobs and



Investment

NAM

The NAM released the results of the third-quarter [Manufacturers' Outlook Survey](#) in conjunction with President Trump's speech before the NAM Board, and the results show that manufacturers remain very positive. Respondents' optimism about the future of their companies reached the highest three-quarter average in the survey's 20-year history — 90.87 percent — up significantly from last year's three-quarter average of 59.77 percent. Tax reform is clearly on manufacturers' minds: a large majority said pro-growth tax reform would make them more likely to expand their business (64.3 percent), hire more workers (57.3 percent) and increase employee wages and benefits (52.2 percent). In releasing the survey, NAM President and CEO Jay Timmons said, "Manufacturers overwhelmingly agree on the path forward on tax reform, and it is a path that leads to more jobs, higher wages and a stronger economy for all Americans."

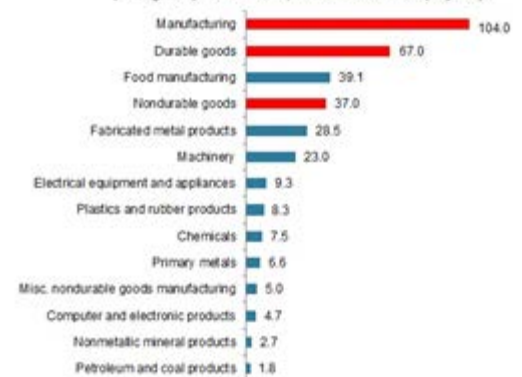
Manufacturing Sectors with the Largest Year-to-Date Net Employment Gains



NAM

Manufacturers lost 1,000 workers in September, with the overall jobs numbers negatively impacted by damaging hurricanes in the month. In addition, the July and August data were revised lower, subtracting 32,000 from prior manufacturing job growth estimates. Despite the disappointing figures in September, the reduced hiring is likely a temporary phenomenon, with employment expectations continuing to be very strong overall. Indeed, manufacturers have accelerated the pace of hiring since December, adding 122,000 workers on net over that 10-month time frame. That is a definite improvement following the loss of 16,000 workers seen in 2016 as a whole, and it was another sign that firms have stepped up their hiring as a result of a stronger economic outlook and increased demand and production activity. [READ MORE](#)

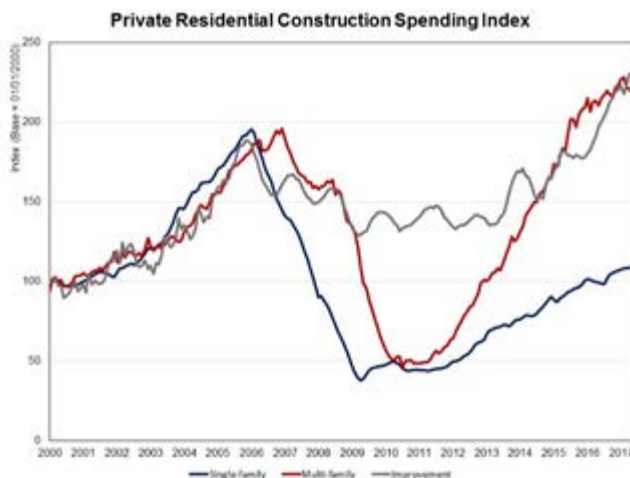
Manufacturing Sectors with the Largest Year-to-Date Net Employment Gains
(through September 2017, in thousands of employees)



Private Residential Construction Spending Rises in August



NAHB



NAHB analysis of Census Construction Spending data shows that total private residential construction spending stood at a seasonally adjusted annual rate (SAAR) of \$520.9 billion in August, 0.5 percent up from downwardly revised July estimates. It was the fourth consecutive monthly increase after a dip in April. Hurricane Harvey that made landfall late in August did not have significant impacts on construction spending in the same month. The total private residential construction spending was 11.7 percent higher than a year ago. [READ MORE](#)

Most Local Economies Grew at a Slower Pace in Q1 2017



NAHB

Real gross domestic product (GDP) increased in 43 states and the District of Columbia in the first quarter of 2017, according to the U.S. Bureau of Economic Analysis. Only 15 states saw an acceleration in its annualized rate of growth from the last quarter of 2016 to the first quarter of 2017 while 35 states and the District of Columbia recorded a slowdown in growth over the same period, including seven states moving from growth in the fourth quarter of 2016 to a decline in the first quarter of 2017. As a result, nationwide, growth in real GDP slowed over the first quarter of 2017.

GOVERNMENT/ECONOMIC INDICATORS

Designing Resilient Cities That Don't Flood



CleanTechnica

A study released by the Carbon Disclosure Project this month finds that 103 cities around the world have a serious risk of flooding. Most of the problem can be traced directly to the increased use of concrete and asphalt since the beginning of the automotive age. Land that used to absorb water is now covered with impervious coatings which cause rain and flood waters to accumulate rather than percolating into the soil below. **READ MORE**



University of Florida Transportation Institute Workshops on Permeable Pavements



University of Florida

Oct. 23, 2017 — DeLand — *Historic Courthouse Training Room* [[Register](#)]

Oct. 25, 2017 — Fort Myers — *Lee County DOT Operations* [[Register](#)]

This new seminar provides design, construction and maintenance guidelines for porous asphalt, previous concrete and permeable interlocking concrete pavements. Permeable pavements are seeing increased use as a key technology for reducing stormwater runoff and pollutants from parking lots, alleys and low-volume streets especially where storm sewers operate at capacity.

For more course listings, click [here](#).

MISSED AN ISSUE OF THE PAVER EXPRESS? [VISIT AND SEARCH](#) THE ARCHIVE TODAY.

ICPI CALENDAR OF EVENTS

Date	Event	Location
Oct. 17-18	Advanced Residential Paver Technician Course — HNA	Louisville, KY
Oct. 17-18	Concrete Paver Installer Course — HNA	Louisville, KY

Oct. 17-18	Commercial Paver Technician Course — HNA	Louisville, KY
Oct. 18	PICP Specialist Course — HNA	Louisville, KY
Oct. 18-20	2017 Hardscape North America Trade Show	Louisville, KY
Oct. 25-26	Concrete Paver Installer Course — ICPI Northern California Chapter	Sacramento, CA
Nov. 7-8	Concrete Paver Installer Course — Belgard	Nashville, TN
Nov. 9	PICP Specialist Course — Belgard	Nashville, TN
Nov. 13	2017 Canadian Planning Meeting	Toronto, ON
Nov. 15-16	Concrete Paver Installer Course — SiteOne Landscape Supply LLC	Asheville, NC
Nov. 29-30	Concrete Paver Installer Course — SiteOne Landscape Supply LLC	Richmond, VA
Dec. 4-5	Concrete Paver Installer Course — R.I. Lampus Company	Pittsburgh, PA
Dec. 5-6	Concrete Paver Installer Course — Belgard	Montrose, CO
Dec. 6-7	Concrete Paver Installer Course — SiteOne Landscape Supply LLC	Charleston, SC
Dec. 6-7	Advanced Residential Technician Course — R.I. Lampus Company	Pittsburgh, PA
Dec. 11-13	ICPI-NCMA Commercial Sales Course	Chicago, IL
Jan. 8-9	Concrete Paver Installer Course — County Materials Corporation	Wausau, WI
Jan. 10-11	Concrete Paver Installer Course — County Materials Corporation	DePere, WI
Jan. 15-16	Concrete Paver Installer Course — Indiana Green Expo	Indianapolis, IN
Jan. 15-16	Concrete Paver Installer Course — County Materials Corporation	Minneapolis, MN
Jan. 15-16	Concrete Paver Installer Course — County Materials Corporation	Oconomowoc, WI
Jan. 17	PICP Specialist Course — County Materials Corporation	Minneapolis, MN
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
Feb. 9-10	2018 ICON EXPO	Indianapolis, IN
Feb. 9-13	2018 ICPI Annual Meeting	Indianapolis, IN

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	2019 ICPI Annual Meeting	Charleston, SC

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

ICPI WEBINARS

Date	Webinar	Time
Oct. 12	Green Design and Low-Impact Development in Stormwater Regulations Addressed by ICPI — David Smith, ICPI Technical Director	1 p.m. EST
Nov. 2	Long-Term Performance of PICP — David Smith, ICPI Technical Director	1 p.m. EST
Nov. 9	Setting Up Your Mobile Office with New Innovative Tools, Apps and Resources to Increase Profits and Efficiency — Frank Bourque, Greenmark Landscaping & Development, Inc.	1 p.m. EST
Nov. 14	Understanding Soil Types and Their Impact on a Project — Dan Moreland, Anchor, an Oldcastle Company	1 p.m. EST
Dec. 5	Build Raised Patios that Last with Proper Construction Techniques (Members Only) — Tim Huinker, Anchor Block, an Oldcastle Company	1 p.m. EST
Dec. 19	Engaging Your Employees for Improved Performance — Randy Anderson, E3 Professional Trainers, LLC	1 p.m. EST
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 Technical Director and Robert Bowers, P. Eng., ICPI Director of Engineering	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.

- [OSHA's Occupational Exposure to Crystalline Silica Rule is in Force \(ICPI\)](#)
- [Members of the U.S. Congress Continue to Push for Indefinite Delay in Implementation of Silica Rule \(ICPI\)](#)
- [ICPI Launches Contractor Tool Kit for Segmental Concrete Pavement Professionals \(ICPI\)](#)

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