For the first time, the Residential Concrete Paver Specialist Course is available online. Previously, the course was available in-person at a limited number of locations throughout the U.S. and Canada. To get more information or register for the course, click here.

The online course consists of nine required modules and three elective one-hour modules. The course is recommended for people who already have earned their ICPI Concrete Paver Installer Certification. The required modules are listed below:

- Module 1 – Concrete Paver Installer Review
- Module 2 – Safety
- Module 3 – Site Management
- Module 4 – Material Calculations
- Module 5 – Raised and Multi-Level Patios
- Module 6 – Fireplaces, Fire Pits, Grills and Outdoor Kitchens
- Module 7 – Residential Overlays and Pool Decks
- Module 8 – Miscellaneous Field Construction
- Module 9 – Permeable Interlocking Concrete Pavers

When purchasing the course package, participants will have the option of selecting three modules from a group of 12 elective modules at their convenience.
Welcome to the new ICPI Hardscape Institute!
Your single source for the industry's top educational opportunities.
Online courses, live in-person certification, workshops, and other design and technical resources... the Interlocking Concrete Pavement Institute (ICPI) educate more professionals and students about concrete paver design and construction than any other organization in the United States and Canada. Pick you career path and get started!

learning opportunities for installers/contractors, sales professionals, designers, government officials and building owners.


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“OSHA-Required Workers Respirable Silica Training” On-Demand Webinar Available Free on the Hardscape Institute throughout February ICPI

To allow *Paver Express* readers to experience some of the valuable content available on the Hardscape Institute, ICPI is providing free access to the “OSHA-Required Workers Respirable Silica Training” on-demand webinar through February 28, 2019. [Click here](http://www.icpi.org/educate) to register and enter promotion code **OSHA2019**.

The webinar will teach you:

- What respirable crystalline silica is
- The tasks done in your workplace that can expose you to respirable crystalline silica
- How breathing in respirable crystalline silica could affect your health
- What employers must do to protect employees
- The major requirements that employers must follow under the silica standard
- How to identify the competent person for silica
- The purpose of medical surveillance and what makes up a medical surveillance program

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ICPI Co-Hosts PICP Symposium with Urban Drainage and Flood Control District ICPI

The Urban Drainage and Flood Control District and the Interlocking Concrete Pavement Institute co-hosted the 2019 Denver Permeable Interlocking Concrete Pavement Symposium in Denver, CO on February 8. The event was tailored specifically for municipal staff and design professionals providing services to the municipal market.

Topics and speakers included:

- **Detailed Design using Permeable Design Pro**: Robert Bowers, P. Eng. – Director of Engineering, ICPI
- **Construction and Inspection of PICP Installations**: Robert Bowers, P. Eng. and Frank Gandora – President, Creative Hardscape Company
- **Permeable Pavement Installations – The Fort Collins Experience**: Basil Hamdan, P.E. – Stormwater Quality Engineer, City of Fort Collins
- **The Evolution of Permeable Pavement Within the Denver Metro Area**: Holly Piza, P.E. – Standards
Learn How to Successfully Work Along with Your Inspector
ICPI

Working with inspectors can be challenging. There will always be someone inspecting your work whether it’s a residential or commercial project. Inspectors could consist of a homeowner, a state, county or local municipality, or a hired third party. Join Manager of Technical Development and Market Promotion Bryan Horr for the ICPI webinar, “How to Successfully Work Along with Your Inspector,” on Tuesday February 19 at 1 pm EST to learn ways to work with your inspector instead of against them to make your job easier.

One hour of continuing education will be available upon completion of an online quiz. Click here to register for the webinar.

Are You Ready to Celebrate 25 Years?
ICPI

ICPI’s 2019 Annual Meeting and 25th Anniversary Celebration on March 3-6 in Charleston, SC is jam packed with events to recognize the people and contributions that helped shape the Institute and the industry’s accomplishments.

The PaverPAC Reception will be on Sunday, March 3 from 7:00 pm – 8:30 pm. The event will be held at Henry’s on the Market in the Whiskey Lounge. Plan to come together with colleagues to raise money for the ICPI PAC.

The ICPI Networking Reception on Monday, March 4 from 6:00 pm – 8:00 pm at the Riviera Theatre will be a time to reunite with members and industry participants and relive the good ol’ days. Be ready to have fun!

The 25th Anniversary Gala from 6:00 pm -12:00 am on Tuesday, March 5 will be in the Riviera Ballroom at the Belmond Charleston Place. The event is black tie optional. Come enjoy great food and drinks and bust a move with Big Bling and Funk Machine!
Still need to register or need to review the agenda to see when a Committee Meeting is taking place? Visit the Annual Meeting and 25th Anniversary Celebration event page for more information.

ICPI Conducts Concrete Paver Installer Academic Instructor Training on West Coast

ICPI

On February 1-2, 2019, teachers and professors from two high schools and six colleges attended the Concrete Paver Installer Academic Instructor training in Sacramento, CA. ICPI Director of Engineering Robert Bowers, P. Eng. and Director of Education and Workforce Development Merry Beth Hall led the two-day training based on the recently released ICPI Concrete Paver Installer Course, 9th Edition. More.

ICPI Hosts Authorized Instructor Training

ICPI

ICPI hosted an Authorized Instructor Training event in Chantilly, VA on February 4-6, 2019. Led by ICPI Director of Engineering Robert Bowers, P. Eng. and ICPI Director of Education and Workforce Development Merry Beth Hall, a total of 14 new instructors were prepared to offer ICPI's courses leading to installer certification: Concrete Paver Installer, Residential.
Update on ICPI Government Relations Issues
ICPI

The Shutdown: at press time the historic government shutdown has ended, at least temporarily.

Also, a bipartisan agreement to continue government funding and avert a resumption of the shutdown on February 15 is under development on the Hill.

It is unknown whether a plan/the plan on the Hill will be acceptable to the President, but there is consensus that the first shutdown caused the President to drop in the polls, so there are reasons for the White House to accept an agreement and move on. More.

ICPI Welcomes New Members in January
ICPI

Associate:

- STAMPI Brunello (San Donà de Piave, VE)

Informational Dealer:

- California Landscape Supply (Ceres, CA)
- Bulk Yard 35 LLC (South Amboy, NJ)
- Border Construction Specialties (Scottsdale, AZ)

Affiliate Contractor:

- Regan Landscape (Kenmore, NY)
- DeVries Design and Landscape (Westfield, IN)
- Big Heart Landscaping (Livingston, NJ)
- Releaf Property Services (Townsend, DE)

Informational Contractor:

- Wainwright’s Landscape Construction (Columbus, NJ)
- VanSkyline Construction (Port Coquitlam, BC)
- Teufel Landscape (Hillsboro, OR)
- Alpha Landscapes, LLC (Las Vegas, NV)
- Appomattox River Landscapes (Farmville, VA)
- Tunnell Companies (Millsboro, DE)
- Thorpe Landscapes, LLC (Wilmington, NC)
- Lattimer Landscaping Inc. (Akron, NY)
- Back to Nature Landscaping & Construction (Blacksburg, VA)
- Mountain Hardscape Systems, LLC (Boise, ID)
- Innovative Stoneworks & Landscaping LLC (Kingman, AZ)
- Divine Dreamscapes LLC (Charlotte, NC)
- Lanier Yardscapes, LLC (Fayetteville, GA)
- Down to Earth Designs, Inc. (Raleigh, NC)
Design Professional:

- Terra Graphics, Inc. DBA: Landmind (Nutley, NJ)

Informational:

- Williamson College of the Trades (Media, PA)

Northeast Hardscape Expo Offers Classes and Seminars to Help GROW Your Business

All classes and seminars are FREE with Northeast Hardscape Expo admission.

2019 Education Classes include:

- Grow Your Business Installing Permeable Pavers & Selecting the Right Pavers for the Project – Kevin Earley, Belgard Pavers Oldcastle Architectural, Inc.
- The R.E.A.P. Program (Respond-Educate-Advertise-Perform) – Greg Ambrose, Fairlawn Consulting
- Raised Patios Are for Real Contractors – Greg Ambrose, Fairlawn Consulting
- Expanding Your Porcelain Portfolio Within Hardscape Design – Dave Huber, Mirage Porcelain Tile
- The OSHA New Crystalline Silica Regulation That Will Affect Your Business – Joe Raboine, Belgard
- SCORE Grow Your Book of Business: The Three Areas You Must Focus on to Get More Business – Bob Salvas, Certified SCORE Counselor
- Truck Inspection: RI State Troopers are conducting a mock highway stop/inspection letting contractors know what they look for and how to avoid fines

Visit www.nehexpo.com for more information or to register for the 2019 Northeast Hardscape Expo on March 13-14 at the Rhode Island Convention Center in Providence, RI.
Did You Know? The ICPI Dashboard Houses a Member Directory

ICPI’s members-only dashboard features the latest industry news and Institute information/services. To grab a complete list of members and contact information, be sure to use the Member Contact List function under the About ICPI section or the Member Contact List box under Find a Member Company in Your Area.

Click here to view a video about the dashboard. Then, bookmark this.

PolySweep Polymeric Sand Does It All: Pavers, Natural & Cast Stone, Porcelain Tile.


MEMBER NEWS

Cambridge Pavers, Inc. Builds New Plant with State-of-the-art Equipment
Concrete Products & Cast Stone

Cambridge Pavers Inc. was founded in 1994 with a mission to produce hardscape products & outdoor living components and to sell exclusively through a distributor network. Cambridge presently distributes their concrete products in over 21 states. Over the years Cambridge Pavers has become synonymous with ArmorTec®, their face mixing technology. Cambridge Pavers just completed the construction and installation of their newest plant.

Cambridge Pavers chose Pathfinder/ Tiger for production equipment, Standley Batch Systems for material handling, and four Teka mixers adding to the nine that are operating in other facilities. Coloring dosing equipment was supplied by Venator as it is in all of their production facilities. More.
Manufacturing Industry Posts Biggest Annual Job Gain in 20 Years

The manufacturing industry posted net job gains of 284,000 over 2018, capping its best calendar year since 1997.

"Manufacturers are bringing people back into the workforce, and we need this trend to continue," said Dr. Chad Moutray, chief economist at the National Association of Manufacturers. "Our industry currently faces a workforce crisis with more than half a million open jobs today, and 2.4 million jobs expected to go unfilled over the next decade. Closing the skills gap continues to be the top challenge facing manufacturers in the United States and is absolutely essential to ensuring that the sector continues to grow." More.

Strong Job Growth Continues in January

The U.S. economy entered 2019 with a strong gain in payroll employment. Total employment increased by 304,000 in January, while the unemployment rate edged up to 4.0%, reflecting the impact of the partial government shutdown.

Residential construction employment increased by 23,900 at the beginning of 2019, the largest gain since February 2018. The total construction industry (both residential and nonresidential) added 52,000 jobs in January. More.
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Columbia Machine now offers complete mold repair services at our Vancouver, WA facility.

All types of hard surface welding (tig, stainless, wire, etc.), 3D laser scanning & replication, Straightening presses, robotic welding, laser burning, heat heating, milling...

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INDUSTRY BUZZ

Work Safely with Silica
The Center for Construction Research and Training

Workers may be exposed to dangerous levels of silica dust when cutting, drilling, grinding, or otherwise
disturbing materials that contain silica. These materials and tasks are common on construction and oil and gas jobs. Breathing that dust can lead to serious, often fatal illnesses. This section contains information that workers — and contractors — need to know to recognize the hazard, understand the risk factors, and work safely with silica. More.

Pavers: Good or Bad?
Manteca/Ripon Bulletin

Springtime Estates later this year will become the first neighborhood to have street pavers in place of traditional asphalt in Manteca.

It’s something that Councilman Gary Singh wouldn’t mind seeing being explored as an option for new developments as a way of reducing ongoing taxpayer costs, avoiding the creation of cracks, allowing for the street to be “seamlessly” restored after emergency utility repairs, and for a longer overall life. More.

Permeable Solutions Show Runoff and Give Enterprising Contractors a Great Differentiation Story
LandscapeTrades.com

Permeable pavements originated in Europe almost 50 years ago. They started as open aggregate bases and subbases which were able to drain and contain stormwater. In order to support vehicles, they were reinforced using a variety of cell structures made of concrete or plastic. Modern permeable systems consist of a surface of open-graded aggregate asphalt/concrete or segmental brick/concrete paving units with joints or openings that allow water to flow freely into an open-graded aggregate base/subbase reservoir. Water is collected and stored in the reservoir before it leaves the pavement structure. Permeable pavements are used for roadways, shoulders, alleyways, parking areas, sidewalks and driveways. More.

City of Bloomington Utilities Proposes Fee Review to Fund Stormwater Infrastructure Investment with Green Upgrades
WBIW.com

Of the revenue generated by the fee increase, around $400,000 -- an amount representing about one-third of the investment in the major capital projects -- is to be dedicated to "green" stormwater infrastructure upgrades in City projects. Green infrastructure elements -- such as rain gardens, bioswales, and permeable paving -- slow down stormwater flow and reduce the intensity of peak flows and flooding downstream. This approach also removes sediment
and other contaminants from runoff using naturally occurring processes, improving water quality in streams. More.

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**SCS Global Services Hosts LEED v4.1 EPD Update for Product Manufacturers Webinar**

**SCS Global Services**

The latest version of LEED was recently released and there are some exciting changes to the EPD credit. Join the webinar on Thursday, February 21 at 2:00 pm EST to review the evolution of the EPD credit, including detailed information on new pathways for meeting Option 2.

Hear directly from representatives of the USGBC’s Materials and Resources Technical Advisory Group on the intent behind the update, and from SCS Global Services on pathways for documenting achievements. [Register now!](#)

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**Social Media Marketing for Small Business: 6 Strategies for Success**

**Telemedia Online**

Social media is one of the best platforms for marketing. Both small and large businesses need to connect with potential customers and existing fans. It also helps you attract awareness for your brand. However, if you are marketing a small business with limited resources, it may feel like you are doing a ton of things and not have enough time. [More](#).
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<tr>
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<td>August 26-29</td>
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<td>October 16-18</td>
<td>2019 Hardscape North America Trade Show</td>
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To check out more ICPI Events, click here.

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<td>How to Successfully Work Along with Your Inspector – Bryan Horr, Manager of Technical Development and Market Promotion – ICPI</td>
<td>1 pm EST</td>
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<tr>
<td>March 26</td>
<td>Onscreen Takeoffs and Utilizing the Plan Rooms – Andrew Year, Managing Director – PaverBright NV LLC</td>
<td>1 pm EST</td>
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To check out more ICPI Webinars and On-Demand Learning options, click here.

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### TRENDING ARTICLES

**Missed last week’s issue?**

- [OSHA Releases Silica FAQs for General Industry](#)
- [ICPI Launches New Online Learning Center This Friday](#)
- [Feeling Competitive?](#)

Don’t be left behind. Click [here](#) to see what you missed.

### About Interlocking Concrete Pavement Institute

ICPI is the trade association representing the growing industry of segmental concrete pavement systems in the United States and Canada. The association’s membership includes producers, contractors, suppliers, design professionals, and distributors. ICPI is the authority for concrete pavers, which are universally recognized as the best value for pavement systems. The association delivers education and technical guidance leading to awareness, acceptance and use of segmental concrete pavement systems in the United States and Canada. For more information, visit [www.icpi.org](http://www.icpi.org).

Tel: (703) 657-6900, Fax: (703) 657-6901

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