



**The new Finrock Industries precast/prestressed concrete manufacturing building is under construction in Apopka, Fla. It will use three-dimensional computer-aided manufacturing technologies. Courtesy of Finrock Industries Inc.**

### Finrock completes new manufacturing building

The final components of precast/prestressed concrete have been set in place as Finrock's new state-of-the-art manufacturing building nears completion. Construction of the 34,000 ft<sup>2</sup> (3200 m<sup>2</sup>) building, which has a clear height of over 40 ft (12 m), is necessary to incorporate the use of computer-aided manufacturing technologies into its precast/prestressed concrete manufacturing facility.

Finrock has been using StructureWorks three-dimensional (3-D) modeling software for the past several years for the design of the parking structures, mixed-use buildings, and multiunit residential buildings that it constructs. StructureWorks software operates on the SolidWorks platform and was developed and is being distributed worldwide by Finrock.

Highly accurate laser images automatically generated from the 3-D models will be projected directly onto the casting forms and will eliminate the need for paper drawings. Finrock will be the first in the United States to use 3-D modeling and laser technology in the manufacturing of precast/prestressed concrete structural members. The addition of laser technology will increase production capacity and productivity and improve dimensional accuracy of products used in Finrock's finished buildings.

—Source: Finrock

## Spancrete launches Building Innovation, expands Spancrete Global Services

Spancrete has expanded Spancrete Global Services, formerly Spancrete Machinery Corp., and launched Building Innovation. The expansion allows Spancrete to leverage its international experience and expand its global offerings. The move comes as Spancrete continues its global strategy of focusing on its core, which is building innovation.

Spancrete Global Services has also hired Nicholas Passint as its new senior research and development/design engineer. Passint comes to Spancrete Global Services from Pflow Industries Inc., where he was the head product engineer.

—Source: Spancrete

## Gate Precast lands contracts in Southeast

Gate Precast Co. has been awarded multiple projects in northeast Florida and one in Georgia.

St. Vincent's Healthcare will begin construction on a new 147,000 ft<sup>2</sup> (13,700 m<sup>2</sup>) hospital in Clay County, Fla., which will feature a total-precast concrete building frame produced at Gate Precast's Jacksonville, Fla., manufacturing facility. Construction is scheduled to begin in mid-May 2012, and the hospital is slated to open in October 2013.

Gate Precast will also begin production on a new 130-car parking structure that will support the Latitude 30 entertainment complex in Jacksonville. The parking structure is scheduled to be completed by summer 2012.

Other recently awarded projects include a parking structure for the Omni Amelia Island Plantation Resort; the Recycling Center for Republic Services in West Jacksonville, Fla.; the Mas-Tec Data Center in Jacksonville Beach, Fla.; and the Avenida Menendez Seawall in St. Augustine, Fla.

In addition, Gate Precast is nearing completion on its subcontract with Hunt/Mills Joint Venture on the 330,000 ft<sup>2</sup> (31,000 m<sup>2</sup>) expansion of Chatham County's Detention Center in Savannah, Ga. The project has more than 2000 individual precast concrete components.

—Source: Gate Precast Co.

## Fabcon brings on Pederson as CFO

Mark Pederson has been named CFO at Fabcon. Pederson's responsibilities will include oversight of finance, accounting, treasury, risk management, contracts, information systems, and legal matters.

Prior to joining Fabcon, Pederson was CFO at a large national general contractor headquartered in the Twin Cities. Pederson's work was honored in 2010 when he was a finalist for the *Minneapolis/St. Paul Business Journal's* CFO of the Year award in the large private company category.

—Source: Fabcon



**Mark Pederson**

## CarbonCast receives two awards from *Architectural Products*

CarbonCast High Performance Insulated Wall Panels and CarbonCast double tees from AltusGroup precasters are recipients of the 2011 Product Innovation Awards presented by *Architectural Products*, a trade magazine serving the U.S. architectural market. Both products feature C-GRID carbon fiber reinforcing to enable lower weight and improved performance.

CarbonCast High Performance Insulated Wall Panels are an all-one-system that addresses thermal, moisture protection, and structural considerations. The precast concrete sandwich wall panels are composed of two concrete wythes separated by continuous insulation and connected by C-GRID shear trusses for a fully structurally composite panel with unprecedented thermal efficiency.

“The system materials combined seem to provide the makings of a true ‘green’ product when it comes to building envelope systems,” says the *Architectural Products* judging panel.

CarbonCast double tees use C-GRID in the flange or decking of the structural member. The noncorrosive qualities of C-GRID enable precasters to use less concrete cover to reduce weight 8% and eliminate the cost and inconvenience of sealants.

“[CarbonCast double tees are] a very impressive product system, especially from a sustainability point of view,” say judges, noting the product’s ability to improve construction quality, reduce overall base structural requirements, and reduce the amount of construction time required over standard practices.

The awards are the latest accolades that CarbonCast technology has received since its introduction in 2003. Previous honors include the R+D Award from *Architect* magazine, *Buildings Magazine*’s Top 100 Products, and *Architectural Record*’s Product Reports.

—Source: AltusGroup

## Tekla BIMsight named Expert’s Choice at WOC

Tekla BIMsight, a BIM software application for model-based construction project cooperation, was awarded Expert’s Choice in the Most Innovative Product Contest at the World of Concrete exhibition in Las Vegas, Nev.

A panel of industry experts chose Tekla BIMsight as the winner of the Experts’ Choice in the Business Tools and Software category. This past November, the software also won the Gold Batimat innovation award.

Tekla BIMsight presents the complete construction project from design to erection and site management, including all necessary building information from different construction disciplines.

—Source: Tekla America

## Spancrete promotes Bertschinger to HR head, Hendrickson moves to role in residential sales

Spancrete has promoted Scott Bertschinger to vice president of human resources and risk management.

A Spancrete employee since 1997, Bertschinger most recently served as the company’s corporate director of human resources and risk management. His promotion comes on the heels of the retirement of the former head of human resources, Bill Wagner.

Bertschinger’s responsibilities include all human resources, safety, insurance, and risk management activities, as well as the environmental oversight of all manufacturing and construction activities. Bertschinger is a past chairman of the Plant Safety Committee with PCI and is also a member of the PCI Field Safety Committee.

Spancrete also has moved project manager Chris Hendrickson to a new residential sales role. Hendrickson, a former multifamily residential developer and builder, has been with Spancrete since June 2011.

—Source: Spancrete



**René Thibault**



**Bob Cartmel**

## Lafarge names Thibault and Cartmel new regional president/CEOs

René Thibault and Bob Cartmel have been appointed by the Lafarge Group as its senior leaders for all markets and product lines in Canada. Thibault will oversee the seven western provinces as well as the Pacific Northwest and Dakotas. Cartmel will oversee the six eastern provinces.

The president/CEOs are responsible for all operational, marketing, and functional elements of the aggregates, asphalt, cement, concrete (ready-mix, pipe, and precast concrete), and construction and paving businesses in their markets. The western Canada teams will be led from a head office in Calgary, AB, Canada. The eastern Canada head office is in Toronto, ON, Canada.

Thibault has more than 20 years of experience with Lafarge, spanning Canada and including an assignment at group headquarters in Paris, France. Cartmel has more than 25 years of experience with Lafarge, spanning Canada, the United States, and Latin America.

These appointments bring all of Lafarge's businesses together under a single leader in each geographical region.

—Source: Lafarge Canada Inc.

## New Orleans hospital to use Gate Precast's high-performance precast concrete wall system

Gate Precast Co. will produce an all-inclusive envelope system for the University Medical Center in New Orleans, La.

The polished-finish architectural precast concrete panels comprise continuous insulation that exceeds ASHRAE 90.1-2010 requirements. The wall system has also been designed to withstand winds up to 150 mph (240 kph).

Gate, working with Skanska/MAPP, will provide a high-performance precast concrete wall system for the new 560,000 ft<sup>2</sup> (53,000 m<sup>2</sup>) University Medical Center Inpatient Bed Tower in New Orleans. The new hospital will fill the void left after Hurricane Katrina destroyed The Medical Center of Louisiana State University–New Orleans in 2005.

The seven-story, 424-bed inpatient tower is one component of the state-of-the-art 38-acre (15-hectare) academic medical care campus, which was designed by a joint venture of Blich Knevel Architects of New Orleans and NBBJ of Seattle, Wash.

The precast concrete wall panels will be manufactured with a high-quality, polished finish in its Alabama plant. Polishing the concrete surface with a coarse abrasive effect exposes the aggregates, resulting in a smooth, shiny finish, much like polished granite slabs.

The complex overall will total nearly 2.2 million ft<sup>2</sup> (204,000 m<sup>2</sup>) and will be completed in February 2015.

More information on this project can be found at [umchospital.info/index.html](http://umchospital.info/index.html). Three-dimensional renderings are available at [www.youtube.com/watch?v=11EXT7jSHQw](http://www.youtube.com/watch?v=11EXT7jSHQw).

—Source: Gate Precast Co.



Brice Bender, PCI Fellow and former board member, died on November 19, 2011. He was 87.

Bender graduated from Purdue University in 1949 with a degree in civil engineering.

From 1957 to 1963, he worked as a district engineer for American Marietta and Martin Marietta. For the next several years, he was vice president and general manager of Construction Products Corp.

Bender had a 35-year career in bridge construction and design, pioneering the newest methods in prestressed concrete. He was the first PCI producer to recognize the potential of precast, prestressed concrete segmental construction for long-span

bridges in the United States. The groundwork was formed in 1971 when eight PCI members toured England, the Netherlands, and France to view long-span bridge construction. He began promoting, designing, manufacturing, and constructing segmental bridges in the United States and Canada.

Bender organized Segmental Technology and Services Inc. in 1972 and cofounded and served as president of BVN Consulting Engineers for the design of segmental bridges for 10 years. BVN Engineers merged with Segmental Technology and Services in 1976 to form BVN/STS Inc.

In 1973, the first U.S. bridge using segmental construction was built in Corpus Christi, Tex. Soon after that project, three bridges were built in Indiana, two in Kentucky, and one in Illinois. These six bridges were followed by many such bridges nationwide. Today, it is a multi-billion-dollar industry.

From 1982 to 1992, Bender was president of Pre-Post Engineers-Consultants. He worked in all 50 states, seven Canadian provinces, and 17 countries.

As a charter member of PCI, Bender eventually served as chairman of the Bridge Committee from 1959 to 1979 and chairman of the Marketing Committee in the 1970s. In 1973, Bender cochaired The Precast Segmental Bridge Seminar, the first of its kind held in the United States, with Clifford L. Freyermuth. He was appointed to the FIP (International Federation for Prestressing) Administrative Council as the official U.S. representative in FIP affairs in 1978. He also served on the PCI Board of Directors from 1973 to 1974 and from 1978 to 1979 and authored several papers in the *PCI Journal*. In 2000, PCI named Bender a Fellow.

Bender was also a Fellow of the American Society of Civil Engineers and a long-time member of FIP and the American Concrete Institute.

## Florida Rock and Sand Prestress consolidates with U.S. Precast to form United Concrete Products

PCI-certified Florida Rock and Sand Prestress Co. Inc. has been consolidated with U.S. Precast Corp. into one operating unit: United Concrete Products LLC.

The agreement signals a move that increases each company's current industry standing. As a result of the consolidation agreement, United Concrete Products will now offer clients an expanded product portfolio that features precast concrete, pre-stress, pipe, and pile services.

Headquarters for United Concrete Products is at 8351 Northwest 93 Street (DeBogory Drive), Medley, FL 33166. The existing Florida Rock and Sand Prestress operations will be merged into the U.S. Precast sites in Medley, Fla., and West Palm Beach, Fla., over the next several months.

—Source: United Concrete Products

## Colonial takes over Quality Mine operations in Florida

Colonial Mining Materials LLC has taken over operations of Quality Mine in Placida, Fla. Stock Development Inc. of Naples, Fla., owns the mine and approached Colonial to replace their mine operator last summer. Colonial Mining Materials was established last year to operate the mine and increase sales. The company sells various grades of sand and shell products, including everything from beach and playground sand to wash shell and driveway mix. The mining site is also open to the public as a place to bring recyclable concrete products as an alternative to conventional landfill disposal.

Colonial Mining Materials purchased the mine equipment from the previous operator, repaired it, and placed it back into service. It also acquired a new wash plant, which is the backbone of the mining operations used in cleaning shell and sand.

Products of the mine are supplied to homebuilders, general contractors, building supply companies, and the already existing Colonial companies.

—Source: Colonial Construction, Concrete, Precast LLC

## Bentley donates software to Engineers without Borders

Bentley Systems Inc. has donated a selection of 24 Bentley software products, including MicroStation and ProjectWise, to Engineers Without Borders–USA (EWB-USA). The products will be available for use by all of EWB-USA's 12,000 volunteer members, most of whom are university students, to help them design, engineer, and construct essential infrastructure in emerging economies throughout the world.

Bentley Corporate Foundation Officer Carol Rieg presented the donation to EWB-USA members in March at the 10th anniversary of the EWB-USA International Conference in Las Vegas, Nev. The volunteers will access the software through Bentley's STUDENTserver self-service site, which will enable them to download, at no charge, current and future versions of the software as well as training and technical support. In addition to MicroStation and ProjectWise, EWB-USA volunteers will have access to WaterGEMS, WaterCAD, Bentley Map, and Structural Modeler, among other offerings. This is the largest donation Bentley has made to EWB-USA in its five-year relationship with the organization.

—Source: Bentley Systems Inc.

### New Life Members

#### **John E. Dobbs**

Essex, Conn.

#### **Marvin F. Hartsfield**

Consultant, Hartsfield and Associates  
Springboro, Ohio

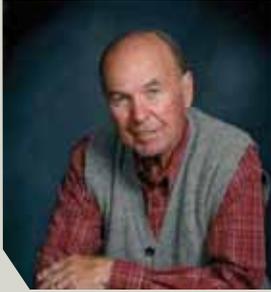
#### **Patrick W. Hynes**

Director of Sales and Engineering,  
Knife River Prestress  
Harrisburg, Ore.

#### **Raymond L. Isenhour**

Lexington, Ky.

## JAMES ENGLE



James Engle, retired vice president of Rocky Mountain Prestress, died March 30, 2012. He was 74.

Engle completed BS degrees in engineering and business at the University of Nebraska–Omaha in 1959. On the advice of his professor, Sylvester Williams, he started his career at Wilson Concrete in Omaha, where he began in the management training program. His mentor, Charlie Wilson, president of Wilson Concrete, put him on the managerial fast track program right out of college. The program required Engle to start at the bottom as a laborer in the plant and work his way up, spending time in every position in the facility before he moved into administration, sales, and ultimately regional plant management. He spent 15 years at Wilson Concrete.

In 1975, Engle started Armorcrete with two colleagues and remained there until 1980. After that, he spent a short time at J. W. Peters in Wisconsin before returning to the mountainous terrain of Colorado.

Engle moved to Denver, Colo., in 1983 and took over as plant manager for Rocky Mountain Prestress. The company grew, and Engle was promoted to vice president. He remained there until he retired in 2005.

According to Engle, his greatest accomplishment was constructing the largest precast concrete dome ever built. The dome was for the Aurora Justice Center in Aurora, Colo., which was named one of the Seven Precast Wonders of the World by PCI in 2004.

Engle's son-in-law is Dave Holsteen, president of Rocky Mountain Prestress.

## Gate Precast to produce architectural precast concrete panels for new Nashville Omni facade

Gate Precast Co. has been selected to produce and install architectural precast concrete exterior panels for the \$250 million Omni Nashville Hotel in Tennessee.

Brasfield & Gorrie will oversee the construction for the 21-story hotel that will encompass an entire city block. HKS Hill Glazier Studio, specialists in the design of hotels and resorts, designed the 800-room hotel, which will anchor the new \$585 million Music City Convention Center.

Michael Stohmer of HKS in Dallas, Tex., says, "Precast concrete allows the use of larger panel sizes, which minimizes the number of joints and speeds up the installation time. Another benefit of precast is the ability to create color and texture variations, allowing us to create many options for the building material palette."

The architectural precast concrete panels will be designed with building information modeling and manufactured at Gate Precast's Tennessee manufacturing facility, which is 20 mi (32 km) from downtown Nashville.

The project is being constructed to achieve LEED silver certification. The Omni Nashville Hotel is expected to open in late 2013.

—Source: Gate Precast Co.



Mac Taylor

## Taylor retires from consulting business

Mac Taylor recently retired from his consulting activities. Taylor entered the precast/prestressed concrete industry in 1954 with R. H. Wright and Sons, one of the early precast/prestressed concrete producers.

Taylor graduated from the Georgia Institute of Technology with a bachelor's degree in civil engineering and served two years as a lieutenant in the Army Ordnance Corps during the Korean conflict.

In addition to R. H. Wright, Taylor held positions with Shockey Bros. in Winchester, Va.; Southern Block and Pipe in Virginia Beach, Va.; Southern Prestressed Concrete in Huntsville, Ala.; and Concrete Components of Detroit, Mich., where he designed and constructed a state-of-the-art hollow-core plant. Then he moved to Richmond, Va., where he designed and constructed a state-of-the-art precast/prestressed concrete systems producing plant for Concrete Panel Systems. After 15 years, he sold his interest in the plant. He worked for Concrete Structures and then Structural Concrete Products, and then Taylor started his consulting business, McKinney V. Taylor Associates.

Taylor's involvements with PCI were varied and numerous. Taylor attended the first PCI Convention in 1954 at the Bahia Mar Hotel in Fort Lauderdale, Fla., and was a member of PCI's first Marketing Committee. He was named a PCI Fellow in 1999 and is a Professional and Life Member. Taylor served on the PCI Board of Directors in 1986–1987, the Parking Deck Committee, the PCI 50th Anniversary Committee, and the Fellow Nominating Committee; was the first president of PCI Zone 5 (now Zone 6), past president of the Florida Prestressed Concrete Association and Virginia Prestressed Concrete Association, and secretary of the Mid-Atlantic Precast Concrete Association; and was involved in the formation of the Kentucky and Gulf South Prestressed Concrete Associations.

Taylor was involved in the planning and execution of many of the early PCI conventions, and was the budget chairman for the 1964 Washington, D.C., PCI convention.

He also received an ACI 50 Year plaque and is a Fellow of the American Society of Civil Engineers.

—Source: Jan Taylor

## Spancrete invests in its Valders facility for WisDOT transportation solutions

Spancrete will begin moving its entire WisDOT transportation production line from Green Bay, Wis., to its flagship production facility in Valders, Wis.

Recently, Spancrete made substantial investments in upgrading its 100-acre (40-hectare) Valders operation. These investments will allow transportation production work to be accomplished with the latest advances in precast concrete technology. Production employees from Green Bay will be transferred to Valders, maintaining Spancrete's skilled employee base.

Although the WisDOT transportation production line is relocating, Spancrete will continue to maintain a presence in Green Bay. The Spancrete sales office has moved to 2763 Manitowoc Road, Suite A, and can be contacted at (920) 494-0274.

—Source: Spancrete



**Metromont Corp. received the award for Best Public Works project for the Fort Benning Gateway in Columbus, Ga., at the American Concrete Institute's Georgia Chapter awards banquet in Atlanta. Courtesy of Metromont.**

## Metromont projects take top ACI honors

Metromont Corp. was recognized with six awards at the recent American Concrete Institute's Georgia Chapter awards banquet in Atlanta.

Metromont received honors for Best Parking Deck, Best Public Works, and Best Restoration.

The parking deck honor was for the Athens Clarke County Parking Deck, a \$16 million redevelopment project near the historic Georgia Theatre. The building includes parking, retail, and office space along with a courtyard and plaza. Metromont varied its precast concrete in color, texture, height, and offset to replicate the street-level experience of other building facades in the surrounding city blocks.

The public works project was the Fort Benning Gateway, a newly upgraded bridge facade at the entrance of the Columbus, Ga., military base. Architectural precast concrete was selected to re clad the existing bridge and provide the 50-ft-tall (15 m) pillar that supports various military statues.

Metromont's restoration project winner was the Savannah College of Art and Design's Museum of Art, a historic restoration and expansion project that used a concrete wall system behind the original masonry and a thermally efficient insulated precast concrete wall wherever the masonry was missing. The results enhanced the insulating strategy, provided a tight exterior seal, and created permanent support for the historic masonry.

Metromont also received Outstanding Achievement honors for the MacEachern High School Physical Education and Wellness Center in Power Springs, Ga., and Awards of Excellence for the LA Fitness parking deck in Atlanta and the Reynolds Street parking deck in Augusta, Ga.

—Source: Metromont Corp.



**Metromont Corp. took first place for Best Parking Deck for the Athens Clarke County Parking Deck project in Athens, Ga., at the American Concrete Institute's Georgia Chapter awards banquet in Atlanta. Courtesy of Metromont.**



**Metromont Corp. took top honors for Best Restoration project for the Savannah College of Art and Design's Museum of Art in Savannah, Ga., at the American Concrete Institute's Georgia Chapter awards banquet in Atlanta. Courtesy of Metromont.**

## Blakeslee scores high with certification program

The annual certification process required by Connecticut's Department of Administrative Services (DAS) creates an administrative burden for precasters, but it also can generate business through state agencies. Two recently completed projects by Blakeslee Prestress in Branford, Conn., indicate the scope of work available.

The certification is required of all contractors and subcontractors that bid on a contract or perform construction work using state funds on any public building that is anticipated to cost \$500,000 or more.

The initial application process requires a three-part procedure:

- An online application, focusing on company history, licenses, and legal compliances, and a five-year history of completed state projects.
- Submittal of hard-copy documents, including financial statements, licenses and registrations, and proof of safety standards and fees.
- Performance evaluations for the three most recently completed projects in each classification. These evaluations, produced by the general contractor, evaluate subcontractors' project management, scheduling, performance, safety, project operations, project closeout, and compliance.

"The application is fairly comprehensive, but it ensures that approved contractors meet high standards and have a history of quality performance and longevity," says Robert J. Vitelli, senior vice president of Blakeslee, which has been certified each year since the program began in 2007. Reapplication must be performed annually.

The DAS tracks the company's aggregate bonding limit, requiring each company to list all of its bonded projects. Once added to the list, each project requires a project evaluation, producing product evaluations even for out-of-state projects, such as the Wickford Junction parking structure in Kingstown, R.I., and the Cross County Shopping Center in Yonkers, N.Y.

Blakeslee supplied precast concrete components for the Wickford Junction parking structure in 2011. The project, owned by the Rhode Island Department of Transportation,



**The Wickford Junction parking structure in Kingstown, R.I., features a total-precast concrete structural solution from Blakeslee Prestress. Connecticut's Department of Administrative Services requires an annual certification process for all contractors and subcontractors that bid on a contract or perform construction work using state funds on any public building, including those not in-state, that is anticipated to cost \$500,000 or more. Courtesy of Walker Parking Consultants.**



**Blakeslee Prestress provided value-added services for the total-precaster concrete system for the Cross County Shopping Center's four-story, 709-space parking structure in Yonkers, N.Y. Courtesy of Blakeslee Prestress Inc.**

features 250,900 ft<sup>2</sup> (23,300 m<sup>2</sup>) of parking on three levels for 1100 cars. Blakeslee provided the total-precaster concrete structural solution for the project.

The key challenge was to create an aesthetic design that reflected nearby 1880s millwork buildings. The design-build team arrived at that decision after work had begun, requiring rapid changes to create the new appearance. The precast concrete wall panels were cast with thin-brick inlays with design elements that emulated limestone accents.

For the Cross County Shopping Center, Blakeslee provided value-added services for the total-precaster concrete system used to create a four-story, 709-space parking structure. Designed by Desman Associates in New York, the project was LEED certified, with Blakeslee documenting all LEED points that the precast concrete components helped achieve.

Blakeslee's value to the construction team can be seen in the projects' performance evaluation sheets, where it consistently receives high scores, Vitelli notes, including two perfect scores of 100.

"Being certified by the Precast/Prestressed Concrete Institute ensures we have the proper documentation and procedures in place not only to meet the DAS requirements but to provide complete satisfaction to the owner and contractor."

—Craig A. Shutt

## Welcome to PCI!

### Producer Members



#### **CTU Precast**

1260 Furneaux Road  
Olivehurst, CA 95961  
Phone: (530) 749-6501  
Email: rez@ctuprecast.com  
Website: www.ctuprecast.com  
Primary contact: Rez Moulla



#### **Kie-Con Inc.**

3551 Wilbur Avenue  
Antioch, CA 94509-8530  
Phone: (925) 754-9494  
Email: akung@kiecon.com  
Website: www.kiecon.com  
Primary contact: Allen Kung

### Supplier Members



#### **American Spring Wire**

26300 Miles Road  
Bedford Heights, OH 44146-1072  
Phone: (216) 262-4620  
Email: jrudolph@amspringwire.com  
Website: www.amspringwire.com  
Primary contact: Jim Rudolph



#### **Architectural Polymers**

1220 Little Gap Road  
Palmerton, PA 18071-5028  
Phone: (610) 824-3322  
Email: info@apformliner.com  
Website: www.apformliner.com  
Primary contact: Marshall Walters



#### **Ultra-Span Technologies Inc.**

165 Fennell Road  
Winnipeg, MB R3T 0M6  
Canada  
Phone: (204) 992-3200  
Email: aland@ultraspan.ca  
Website: www.ultaspan.ca  
Primary contact: Alan Dowling



#### **Wowjoint**

1055 East Colorado Boulevard, Suite 500  
Pasadena, CA 91106-2371  
Phone: (530) 475-2793  
Email: aubrye@wowjoint.com  
Website: www.wowjoint.com  
Primary contact: Aubrye Foote

## Smith-Midland introduces new version of Sierra Wall

Smith-Midland and its licensing subsidiary Easi-Set Worldwide have introduced the Sierra Wall II, building on the Sierra Wall, which was the first one-piece precast concrete column and panel system.

Sierra Wall II features a fully integrated, one-piece, prestressed concrete extended column and sound panel. The inclusion of the foundation portion of the column extends up to 24 ft (7.3 m) or more into the earth.

The American Association of State Highway and Transportation Officials guidelines says that this patented design eliminates the need for costly heavy-steel reinforcing cages around the prestressed concrete foundation portion of the column. The one-piece design eliminates thousands of linear feet of panel joints, adding significantly to its sound-attenuating capacity.

—Source: Midland Advertising + Design



**The new Sierra Wall II from Smith-Midland is an update to the one-piece precast concrete column and sound panel system. Courtesy of Dale Neal.**

## New AltusGroup videos promote precast concrete enclosures with carbon-fiber-grid reinforcing

New online videos by AltusGroup will educate key building professionals about carbon-fiber-reinforced enclosure systems that enhance structural and thermal performance with aesthetic flexibility.

The video segments will appear on the company website at [altusprecast.com](http://altusprecast.com) and YouTube channel at [youtube.com/altusprecast](http://youtube.com/altusprecast).

The series features a corporate overview and summary of CarbonCast High Performance Insulated Wall Panels, Insulated Architectural Cladding, and Architectural Cladding that incorporate C-GRID carbon-fiber grid. The use of C-GRID creates panels that are thinner, lighter, more durable, and less costly overall than conventional precast concrete and other building systems.

—Source: AltusGroup

**Compiled by K. Michelle Burgess ([mburgess@pci.org](mailto:mburgess@pci.org))**