Our Members

AltusGroup adds Stresscon, Rocky Mountain Prestress

Stresscon Ltd. and Rocky Mountain Prestress have joined AltusGroup to market CarbonCast Enclosure Systems in their respective market areas. Stresscon is the first Canadian precaster to join AltusGroup's ranks. The additions bring the total number of precasters in the organization to 16.

Both precasters will offer CarbonCast high-performance wall panels and CarbonCast insulated architectural cladding to complement their existing structural and architectural precast concrete wall products. Both CarbonCast products use C-GRID carbon fiber grid as a shear connector to provide outstanding thermal efficiency and full composite action while maintaining the remarkable aesthetic flexibility of precast concrete.
—Source: AltusGroup

Maglothin, Hurley join Walker Parking

Walker Parking Consultants has added Jimmy Maglothin, PE, PMP, and Neill Hurley, CDT, to its Consulting Resources Group. Collectively, they bring more than two decades of parking consulting experience and specialize in developing sophisticated and technologically advanced car park management systems (CPMS) for airports, hospitals, municipalities, universities, and real estate development projects. Both will focus on serving clients needing assistance with CPMS projects.

Maglothin, a graduate of Texas A&M, is a director of CPMS, a comprehensive parking management infrastructure that incorporates state-of-the-art vehicle access, revenue control and payment, and parking space guidance technologies in order to provide parking systems that are more user friendly.

Hurley, a project manager, consultant, and designer, is also a graduate of Texas A&M. He is nearing the completion of his work to become a certified administrator of public parking (CAPP) and is a member of the International Parking Institute, the Texas Parking and Transportation Association, and the Southwest Parking and Transportation Association.
—Source: Walker Parking Consultants

Mario J. Bertolini

Mario Bertolini, 2011 winner of the Medal of Honor, PCI's highest award, died February 7, 2014. He was 79.

He was born on December 27, 1934, in New Haven, Conn. He attended the University of Connecticut in Storrs, where he played varsity football and earned a BS degree in civil engineering in 1958. He went to work as a project engineer for C.W. Blakeslee and Sons' heavy construction division that same year.

"I wanted to spend the rest of my career in heavy construction," he told *PCI Journal* in 2008. But in 1960, Blakeslee had trouble with quality control at its prestressing plant outside New Haven, Conn. Bertolini almost quit rather than make the switch to quality control. He became a manager in 1961, took over management of the whole plant in 1962, and rose to division production manager in 1965. "It was an exciting time for everyone in the industry," he said. "The best part was taking jobs that were designed for steel and converting them to precast concrete."

Westinghouse Electric bought C. W. Blakeslee in 1969 and began divesting itself of the Blakeslee divisions in the early 1970s. Bertolini found a private investor and bought the precast concrete division in 1976, changing the name to Blakeslee Prestress Inc. He became president in 1980 and served as president and CEO until his death.

Blakeslee Prestress joined PCI in 1977 and has participated actively ever since. Under Bertolini's leadership, Blakeslee was among the first companies to push for PCI certification for precast concrete construction. "Blakeslee realized in the '70s that for precast to be a major force, we have to produce the best-quality products," he told *PCI Journal* in 2008. "Not everyone was on board at first, but we dragged them along in our wake."

Bertolini served as chair of numerous PCI committees, including the Financial Performance committee, the ATLSS/PRESSS committee, and the Productivity Committee. He was on the Research and Development Committee from 1993 to 1998 and again from 2004 to 2014. He chaired the Seismic Committee from 1990 through 2002, building confidence in precast concrete for use in seismic zones. "The research engineers on the committee did all the hard work," he said. "They are forward-thinking, visionary people. I just ran the meetings."

Bertolini served on the PCI Board of Directors from 1981 to 1990 and as chairman in 1989. He became a PCI Fellow in 1995 and a Titan of the industry in 2004. Along with his coauthors, Joseph H. Weiss, Frank Zamecnik, and Leslie D. Martin, he received the Robert J. Lyman Award in 1992 for the paper "Design-Construction of the Connecticut Tennis Center," which appeared in the January–February 1992 issue of *PCI Journal*.

"He always had high standards. . . . Mario expected all the employees to act professionally, and nothing delighted him more than hearing back from clients how well the Blakeslee people handled themselves in different situations," said Bob Vitelli, senior vice president of Blakeslee Prestress, in 2011.

Mario Bertolini. Courtesy of Bertolini family.

Lindsay joins Finley as comptroller

Finley Engineering Group has hired Colby Lindsay as comptroller to its growing bridge design and construction engineering firm. A senior financial executive with 15 years of accounting, finance, and administration experience with a Fortune 500 company, Lindsay is responsible for overseeing all the financial activities at Finley.
—Source: Finley Engineering Group Inc.

Spancrete expands into Southeast

Spancrete is expanding into the Southeast with production facilities in Newnan, Ga., and Sebring, Fla.

"We are enthusiastic about our expansion in the Southeast," says John Nagy, CEO of Spancrete. "Both the Newnan and Sebring facilities offer a wealth of product knowledge and experience, which puts the company in an excellent position for sustainable growth."
—Source: Spancrete

Stresscon project earns LEED platinum designation

The U.S. Department of Energy's National Renewable Energy Laboratory's (NREL) Energy Systems Integration Facility (ESIF) has earned a LEED platinum designation from the U.S. Green Building Council. Located in Golden, Colo., the facility is the nation's first to help public- and private-sector researchers with clean energy technologies, and the fifth NREL campus facility to earn the LEED platinum designation.

The ESIF applied for and achieved all 56 LEED points submitted. Completed in 2013, the facility uses sustainable design features and materials. The 182,500 ft^2 (16,950 m^2) facility includes experimental laboratories, outdoor test beds, and a high-performance data center designed to be one of the world's most efficient data centers.

A collaborative design-build team, including JE Dunn Construction and SmithGroupJJR, participated in creating the facility. The team incorporated sustainable design practices throughout the entire project, using recycled materials, skylights, operable windows enabling cooling and ventilation, and solar-powered fans.

Stresscon provided the high-performance, thermally efficient precast concrete wall panels for the project. With edge-to-edge insulation, the wall panels achieve an *R*-value of 20.55. This helps provide ESIF with a 40% greater performance efficiency than the ASHRAE 90.1 building standards baseline building performance rating.

NREL is the U.S. Department of Energy's primary national laboratory for renewable energy and energy efficiency research and development. NREL is operated for the Department of Energy by the Alliance for Sustainable Energy LLC.
—Source: Encon United

CarbonCast walls for military applications showcased in new technical brief

AltusGroup has issued a new technical brief outlining the use of CarbonCast Enclosure Systems for military applications. Available as a PDF on the AltusGroup website at http://altusprecast.com/products/carboncast-technical-briefs/, the five-page brief explains how exterior walls made with CarbonCast precast concrete technology can meet stringent military demands ranging from energy efficiency to terrorism and blast protection.

Military projects present architects with a challenge to optimize exterior wall systems for cost, performance, and aesthetics. The technical brief spotlights three military case histories: The $14 million, 52,000 ft^2 (4800 m^2) Security Forces headquarters on Wright-Patterson Air Force Base in Fairborn, Ohio; the $4 million, 109,000 ft^2 (10,130 m^2) Armed Forces Reserve Center in San Marcos, Tex., and the $5.6 million, 141,000 ft^2 (13,100 m^2) Fort Carson Division Headquarters in Fort Carson, Colo. All used CarbonCast high-performance wall panels to achieve required performance and aesthetic concerns.
—Source: AltusGroup

Heldenfels scores contract for Kyle Field

Heldenfels Enterprises Inc. has been selected as subcontractor for structural precast concrete for the expansion of Kyle Field at Texas A&M University in College Station. Heldenfels was awarded the subcontract by Manhattan/Vaughn, a joint venture between Manhattan Construction Co. and Vaughn Construction. The Populous-designed stadium will be completed without affecting Texas A&M's future football schedules.

The project will be constructed in two phases. Phase one includes new south end zone stands, as well as replacing the lower east side deck, while phase two calls for replacing the entire west side of the stadium, which is scheduled for the time between the 2014 and 2015 seasons. Along with striking architectural changes, the stadium's seating capacity is being expanded from 82,600 to more than 100,000 seats. When completed, Kyle Field is projected to be the largest stadium in both Texas and the Southeastern Conference and the third largest in the United States.

Heldenfels estimates that it will produce about 2600 of precast concrete elements, consisting of 14,600 yd^3 (11,200 m^3) of concrete. Heldenfels has demonstrated its capabilities by successfully completing similar projects, including Baylor Stadium, AT&T Stadium, Reliant Stadium, and the north end zone at Kyle Field.
—Source: Heldenfels

Walker Restoration hires Ivanov for new Seattle office

Walker Restoration has added Vladimir Ivanov as restoration consultant at a new office located in Seattle, Wash. Ivanov has more than 15 years of structural design and forensic engineering experience.

Ivanov has an MS in structural engineering from the University of Architecture, Civil Engineering and Geodesy in Sofia, Bulgaria. He is a licensed Structural Engineer in Washington, Oregon, and California; a licensed Professional Engineer in Arizona; and a licensed Civil Engineer in Arizona, Washington, California, and Oregon.
—Source: Walker Restoration Consultants

Oldcastle Precast acquires assets of KriStar Enterprises Inc.

Oldcastle Precast Inc. has acquired the assets of KriStar Enterprises Inc. The purchase includes three manufacturing locations in California and all related intellectual property.

KriStar was founded in 1993 and has developed innovative storm water management products that meet the demands of federal, state, and local regulations. Oldcastle Precast will focus on marketing these solutions to regulators, owners, and civil and environmental engineers nationwide.

Oldcastle Precast will now bring a full line of water conveyance, storage, and treatment products to the marketplace. This acquisition follows Oldcastle Precast's successful launch of StormCapture detention and retention products and will provide the entire treatment train solution that civil engineers, owners and contractors are demanding.
—Oldcastle Precast Inc.

Spancrete names Schmidt new director of design and engineering

Spancrete has named Michael Schmidt its new director of design and engineering. Schmidt brings 34 years of engineering and architectural design expertise to Spancrete and will drive the strategic development and delivery of the company's latest 3D BIM offerings and engineering services. This role will bridge all constituents of the building process.

Although 3D BIM processes have been around for years, the new service under Schmidt's direction will offer design and contract teams additional collaborative tools to enhance communications and collaboration and streamline projects.

Schmidt's previous work experience includes multiple leadership positions at Arnold & O'Sheridan Inc., where he was the senior project engineer and, later, director of the firm's office in Madison. Most recently, Schmidt served as the structural department head for Wisconsin at Henneman Engineering Inc.

Schmidt earned a bachelor's degree in architectural studies and a master's of architecture from the University of Illinois, and is a LEED-accredited professional, licensed structural engineer, registered architect, and professional engineer.
—Source: Spancrete