



OUR MEMBERS

PCA recognizes cement facilities, cement terminals' safety records

On April 27, 2010, at the Portland Cement Association's (PCA's) spring meeting in Chicago, Ill., PCA awarded cement plants with the Chairman's Safety Performance Awards for outstanding safety records and recognized cement distribution terminals with the best safety records in North America.

PCA honored three plants each in three categories, which were designated by the number of hours employees collectively worked in 2009, for achieving superior safety records.

The plants included the following:

- Lafarge North America Inc. of Paulding, Ohio, for less than 190,000 employee hours
- Lehigh Cement Co. of Cementon, N.Y., for less than 190,000 employee hours
- Lehigh Cement Co. of Bellingham, Wash., for less than 190,000 employee hours
- Lafarge North America Inc. of Tulsa, Okla., for 190,000 to 270,000 employee hours
- Lehigh Cement Co. of Mitchell, Ind., for 190,000 to 270,000 employee hours
- Holcim (US) Inc. of Midlothian, Tex., for more than 270,000 employee hours
- Holcim (US) Inc. of Ste. Genevieve, Mo., for more than 270,000 employee hours

This year, the records of 125 portland cement plants in the United States and Canada were reviewed to determine which ones achieved the best accident records in the field. Accident rates were based on the number of injuries and illnesses per 100 employees. None of these plants had an accident rate above one, and several had no accidents in 2009.

For U.S. terminal operations, three categories with three winners each achieved this prestigious award.

Some of the terminals honored included the following:

- Lafarge North America Inc. of Pittsburgh, Pa., for less than 5000 employee hours
- Essroc Cement Corp. of Palmer, Mass., for less than 5000 employee hours
- Lehigh Cement Co. of Doraville, Ga., for 5000 to 9000 employee hours
- Holcim (US) Inc. of Denver, Colo., for 5000 to 9000 employee hours
- Holcim (US) Inc. of Memphis, Tenn., 5000 to 9000 employee hours
- Lehigh Cement Co. of Port Everglades, Fla., for more than 9000 employee hours

In a separate category for Canadian terminals, Lafarge North America Inc. in Whitefish River, ON, was honored.

This year, the PCA Logistic Committee reviewed the performance records of 230 terminals in the United States and Canada to select the ones with the best accident performance records.

—Source: PCA

Florida university saves money on parking project with Coreslab

Coreslab Structures (TAMPA) Inc. was awarded the University of Central Florida (UCF) Parking Garage 6 project and helped the general contractor, Haskell, save UCF \$1.2 million by converting the structural system from cast-in-place to precast concrete.

Mark McKenry, Coreslab's sales manager, says that "a voluntary total precast alternate was offered after 90% construction documents were put out for bid with a cast-in-place design, which put in motion the redesign and conversion."

Haskell also reduced risk to UCF by using a single-source provider for the total-precast concrete structural system. The cast-in-place option required multiple suppliers for precasting, forming, and concrete. The precast concrete option also reduces the amount of traffic and people on the jobsite, which helps reduce jobsite safety concerns on an active campus.

—Source: Coreslab Structures (TAMPA) Inc.

Meinheit gets Henry Crown Award

Donald F. Meinheit, an affiliated consultant for Wiss, Janney, Elstner Associates, was the 2010 recipient of the Illinois ACI chapter's Henry Crown Award for his local and national contributions to the concrete industry. He was honored at the chapter's annual dinner on May 15, 2010, in Chicago, Ill.

Meinheit is currently a member of both the Research and Development Council and Precast Sandwich Wall Panels Committee. He was also a chair of the Prestressed Concrete Column Committee and was a member of the Technical Activities Council.

Meinheit recently became an affiliated consultant at Wiss, Janney, Elstner Associates (WJE) after 30 years with the company as a structural engineer. He served as project engineer and project manager on numerous concrete collapse and failure investigations, on laboratory test programs, and on a variety of structural and material evaluation projects.

The Henry Crown Award is given yearly to a distinguished member of the Chicago-area community who has made an outstanding contribution to the cement and concrete industry. A total of \$1000 will be given to the American Concrete Institute Foundation, PCI Foundation, and Concrete Reinforcing Steel Institute Foundation in honor of Meinheit's award.

—Source: Illinois Chapter of the American Concrete Institute



Donald F. Meinheit

Holcim celebrates new plant

Holcim (US) hosted the inaugural celebration of its newest plant located in Ste. Genevieve County, Mo., on June 4, 2010. Company executives were joined by officials from the Obama administration, members of Congress, local and state elected officials, community leaders, and others who have been instrumental in making the project a reality.

Ten years after Holcim (US) first announced plans for the project, the Ste. Genevieve plant is now producing cement that is being used throughout the Midwest. This plant, one of the largest cement manufacturing facilities in the world, will also be among the most environmentally efficient and safe.

“As we continue to rebuild our nation’s transportation infrastructure through the American Recovery and Reinvestment Act, this new and more efficient plant will play a key role in helping meet the demand for high-quality, American-made cement,” said U.S. Secretary of Transportation Ray LaHood, who spoke at the event.

The Ste. Genevieve plant represents a more than \$1 billion, long-term commitment to Holcim (US) customers and the community. It is the largest single-kiln line cement-producing facility in the world and has the capacity to produce 4 million metric tons (4.5 million tons) of cement annually.

The plant has 250 employees and began operations in 2009. According to a study conducted by the Center for Economic and Business Research at Southeast Missouri State University, the economic impact of the Holcim (US) Ste. Genevieve plant will be substantial in Missouri. The plant has already been a boost for the state’s economy by creating and supporting thousands of jobs and leading to millions of dollars in annual economic activity.

In addition to the plant’s extensive emissions controls, the majority of the property around the plant has been set aside and will be preserved and protected in its natural state. Holcim (US) is working with an expert conservation partner to manage the habitat surrounding the plant. The company has already created or restored more than 60 acres (24 ha) of new wetlands to offset any impacts from construction. The plant will ship up to 75% of its product to terminals by barge, which is among the most environmentally efficient means of transportation. Many of the raw materials (coal, gypsum, fly ash) used at this plant will be shipped by river. The company also has in place an ongoing reclamation plan that will restore the land that has been mined, ensuring that no more than 200 acres (80 ha) of land is actively mined at any one time.

—Source: Holcim



Ronald G. Burg

Burg named executive vice president of ACI

The American Concrete Institute (ACI) has named Ronald G. Burg, former vice president at CTLGroup and a member of PCI, executive vice president of ACI.

ACI executive vice president William R. Tolley retired from ACI at the end of June after 35 years of service to ACI, and Burg joined the 100-member ACI staff at its Farmington Hills, Mich., headquarters on July 6, 2010.

During his career at CTLGroup, Burg specialized in litigation, arbitration, and claims support with respect to concrete technology issues, including compliance, construction methodology, strength assessment, durability issues, and in-place performance. Burg played an integral role in the advancement of high-strength concrete, high-performance concrete, and lightweight concrete, including managing multidisciplinary research and consulting projects, designing and analyzing these specialty concretes, and developing technical seminars and training sessions.

Burg has authored numerous published papers and publications dealing with the response of cementitious materials to elevated temperatures and harsh environmental conditions; the design, analysis, and production of high-strength concrete and lightweight concrete; thermal performance of various building materials; long-term, nonelastic behavior of concrete; and heat development in high-strength concrete.

A registered professional engineer in Arizona, Illinois, Michigan, New York, and North Carolina, Burg received his BS in civil engineering from Iowa State University.

—Source: ACI

Oldcastle Precast part of waste-to-energy facility

Oldcastle Precast and part of Oldcastle Inc. have supplied wastewater holding tanks to Algaewheel Technologies LLC for retaining 120,000 gal. (454,000 L) of wastewater on a wastewater-to-renewable energy project in Reynolds, Ind.

The Algaewheel facility for Reynolds (also known as Bio-Town) is replacing the town's aging lagoon wastewater treatment system. Algae biomass from the facility will be thermally processed on-site to generate energy for powering the wastewater plant.

Mark Bauer, environmental product specialist for Oldcastle Precast's Hartford City, Ind., plant, says that Oldcastle supplied six 20,000 gal. (76,000 L) tanks in the fall of 2009, with an additional three tanks slated for phase 2 in the future. The facility started operation in early 2010.

—Source: Oldcastle Precast Inc.



Wastewater holding tanks provided by Oldcastle Precast and part of Oldcastle Inc. are installed in Reynolds, Ind., as part of an algae-based wastewater system that generates power for the wastewater plant. Courtesy of Oldcastle Precast Inc.

Bentley names student, educator winners

Bentley Systems Inc. has announced the winners in the 2010 Bentley Student Design Competition and named Efrat Gilboa, a professor at Shenkar College of engineering and design in Ramat-Gan, Israel, the Bentley Educator of the Year.

In the 2010 Student Design Competition, individual students and teams submitted their projects in various categories, depending on their level of education. University and technical college students submitted projects in architectural design and computational design. High school and middle school students submitted projects in the Design a Medical Facility of the Future category.

The winners in this year's competition were:

- The Pistorius Center for Rehabilitation, Kiamsha Barnes, Sarah Cieslak, and Karyn Warthen, Eastern Technical High School, Baltimore, Md., in the Design a Medical Facility of the Future category
- Tegumentated Structure, Matteo Soru, University of Cagliari, Cagliari, Italy, in the architectural design category
- Dynamic Systems, Pauline Barkin and Kathryn Czub, Rensselaer Polytechnic Institute, Troy, N.Y., in the computational design category

The winning students and projects in the 2010 Student Design Competition will be recognized at their respective schools. In addition, each winner or winning team will receive a scholarship and a handcrafted award to display at their school and will be able to choose 10 seats of Bentley software from the more than 50 products available through the Be Careers Network academic subscription for use by their school.

The Student Design Competition awards technically advanced projects created using Bentley software by university, high school, and middle school students around the world and recognizes the achievements of their educators and mentors. The program fosters interest and growth in the architectural, engineering, construction, and geospatial professions by encouraging students to explore the software and hone the skills they will need as future members of the infrastructure community.

The Educator of the Year award recognizes a member of the academic community who has an outstanding record of achievement and is committed to inspiring students to pursue careers in the infrastructure professions.

For more information about the winners, visit www.bentley.com/winners.

—Source: Bentley Systems Inc.

Oldcastle awarded student housing, hotels

Oldcastle Precast Building Systems was recently awarded three new contracts for student residence halls at campuses across the Northeast and two new projects for hotels in New York and Pennsylvania.

Gilbane is working with Fairfield University in Fairfield, Conn., to construct a new four-story dormitory near its Quad Campus as part of an ambitious residential housing plan.

A new 400-bed residence hall at Framingham State College in Framingham, Mass., is also under way. Occupying a highly visible site at the entrance to the college campus, this seven-story dormitory is an important part of the master plan, and Consigli Construction expects it to be completed in time for the fall 2011 semester.

Oldcastle will also be casting hollow-core for another residence hall at Quinnipiac University in Hamden, Conn. The East View Residence Hall on the York Campus will be built by FIP Construction.

In total, the students will be housed on 201,682 ft² (18,737 m²) of hollow-core.

The new hotels will be for Hyatt in Suffolk County, N.Y., which will utilize hollow-core as its floor and roof systems, and Holiday Inn Express in Dickson City, Pa.

The New York State Empire State Development Corp. awarded the town of Riverhead in Suffolk County a \$2.4 million grant for the ongoing redevelopment of its downtown. The expansion of underutilized properties adjacent to the existing Atlantis Marine World Aquarium will be the new home of the five-story, 100-room Hyatt Place Hotel.

Oldcastle will be working with J. Petrocelli Contracting; Burton Behrendt Smith Architects of Patchogue, N.Y.; and engineer Ysrael A. Seinuk PC of New York, N.Y.

Grimm Construction of Waymart, Pa., will be constructing the Holiday Inn Express in the Scranton, Pa.-area suburb.

Combined, the two hotel projects total more than 110,000 ft² (10,200 m²) of hollow-core.

—Source: Oldcastle Precast Building Systems

CEG announces management changes

The Consulting Engineers Group Inc. (CEG) held its annual board of directors meeting April 8–10, 2010, in Chicago, Ill., and announced executive changes.

Walter J. Korkosz is the new chairman of the board and CEO, and Larbi Sennour will take over from Korkosz as president of CEG-TX. Mike Malsom will continue as president of CEG-IL, while Jeffrey R. Carlson remains executive vice president of CEG-IL and corporate secretary-treasurer. Chris Mosley remains president of CEG-NM.

High receives regional concrete awards

The Eastern Pennsylvania and Delaware chapter of the American Concrete Institute (ACI) recently awarded grand prizes to two precast concrete structures fabricated by High Concrete Group LLC.

High garnered awards with the Saint Joseph's University Hawks Landing Parking Garage in Philadelphia, Pa., and Lancaster County Convention Center and Lancaster Marriott at Penn Square in Lancaster, Pa.

The parking structure received the grand prize for precast concrete building systems. The 135,000 ft² (12,500 m²), six-story structure was constructed along with two dormitories across the street from the main campus. The new parking structure honors and interprets this school's rich gothic architectural tradition.

The Marriott and convention center project received the grand prize for architectural concrete/precast concrete cladding. The \$175 million, 425,000 ft² (39,500 m²), 18-story urban-infill project blends contemporary styling with a historic streetscape, preserving a Beaux Arts-era limestone facade and integrating adjacent colonial period buildings.

—Source: High Concrete Group

PCA recognizes safety

On April 27, 2010, the Portland Cement Association (PCA) recognized nine cement facilities with the 2010 PCA Safety Innovation Awards at its spring meeting in Chicago, Ill.

This year Holcim (US) Inc. of Midlothian, Tex., was among the winners in the category of pyroprocessing.

Cement Americas magazine, a cosponsor of the awards, features the winning plants and their projects. The Cement Association of Canada also was an award sponsor.

The Safety Innovation Awards honor plants' innovative projects that achieve the objectives of the Occupational Health and Safety Committee to recognize and reward creative projects in the portland cement industry, to communicate these ideas to North American cement manufacturers, and to elevate the importance of innovative solutions to safety challenges in the portland cement industry.

—Source: PCA



High Concrete Group LLC garnered the grand prize award for architectural concrete/precast concrete cladding from the Eastern Pennsylvania and Delaware chapter of the American Concrete Institute for the Lancaster County Convention Center and Lancaster Marriott at Penn Square in Lancaster, Pa.



High Concrete Group LLC garnered the grand prize award for precast concrete building systems from the Eastern Pennsylvania and Delaware chapter of the American Concrete Institute for the Saint Joseph's University Hawks Landing Parking Garage in Philadelphia, Pa.

Courtesy of High Concrete Group LLC.



Linda Figg

Figg elected chairman of CIRT

Linda Figg, president and CEO of Figg Engineering Group, was elected chairman of the Construction Industry Round Table (CIRT) for a term of one year at its spring conference in Washington, D.C.

Figg has served as vice chairman over the past several years. She is the first woman to chair CIRT.

—Source: Construction Industry Round Table



Gary J. Klein

Klein receives ACI Wason Medal

Gary Klein, executive vice president/principal at Wiss, Janney, Elstner Associates Inc., recently received the American Concrete Institute's (ACI's) Wason Medal for Most Meritorious Paper.

His paper, "Curved-bar Nodes," appeared in the September 2008 issue of *Concrete International*.

Klein was honored at ACI's Spring 2010 Convention in Chicago, Ill. The Wason Medal is awarded yearly to the author or authors of the most meritorious paper published by the institute.

—Source: ACI

Illini Concrete Co. achieves PCI plant certification

Illini Concrete Co. of Illinois recently achieved PCI certification. The 15-person operation primarily produces prestressed concrete box beams but plans to diversify in the near future.

The company's largest project to date is a 10-span bridge in Tazewell County, Ill., on Old Route 121. Illini has also built several three-span structures.

—Source: *PCI Update*



Joseph T. Dugan

Dugan retires from Spancrete

Joseph T. Dugan retired as vice president of Spancrete Machinery Corp. on May 7, 2010, after 51 years there.

Dugan began his Spancrete career in 1959 in his hometown of Valders, Wis., and worked in every area of the company.

In 1982, Dugan recognized the need for the 8 ft (2.4 m) Spancrete wall panel. His idea resulted in the company's expanding its product line revolutionizing the precast concrete market.

In addition, Dugan was an active member of the Spancrete Manufacturer's Association (SMA). He formerly served as president of SMA and chairman of the Operations Committee. He also served as chairman of the PCI Plant Safety Committee and a member of the PCI Erectors Safety and Installation Committee.

—Source: The Spancrete Group Inc.

PCA commends cement plants for benefiting local communities, global environment

Six cement plants, including four PCI Producer Members, received special recognition for their commitment to improve the environment and their communities at the Ninth Annual Cement Industry Environment and Energy Awards. The awards were presented by the Portland Cement Association (PCA) and *Cement Americas* magazine on April 27, 2010, at PCA's Spring Meeting in Chicago, Ill.

The awards honor individual cement facilities that exemplify the spirit of continuous environmental improvement and support this spirit with action. These plants went beyond government regulations and local laws to ensure that their processes and policies contributed to making their communities better places to live and work. Twenty-six cement plants in the United States and Canada were nominated for the awards.

Lafarge North America Inc. of Bath, ON, Canada was recognized for Overall Environmental Excellence. In 2009, the Lafarge Bath plant completed a range of environmental and energy-efficiency projects. As part of its climate-change and energy-efficiency programs, university researchers planted hybridized willow species at the facility, in addition to other crops, as possible renewable biomass sources. The facility also worked with local farmers to raise crops for a future trial biomass burn, and more than 950 bales of plant material have been collected. The installation of new blower technology allowed the plant to improve kiln operation and increase its utilization of petroleum coke, an oil-refinery byproduct. These actions will reduce sulfur and carbon-dioxide emissions and will lower fuel consumption. With additional kiln-operation and quarry changes, the facility has nearly eliminated cement kiln dust (CKD) production. Likewise, the CKD monofills were improved because little to no CKD will be produced in the future. Last, with the help of 250 locals, the facility planted 3000 trees on the plant property for habitat restoration and climate-change education and mitigation.

Holcim (US) Inc. of Theodore, Ala., was recognized for Outreach. The Holcim plant and its employees in Theodore support a range of environmental projects in their community. In 2009, plant employees were zone captains for cleanup of the Theodore Industrial Canal as part of the 22nd annual Alabama Coastal Cleanup Day sponsored by the Alabama Department of Conservation and Natural Resources. Seventy-one plant and community volunteers removed more than 1.5 tons (1.3 metric tons) of debris from the banks and waters of the canal. The plant also worked with the Alabama Coastal Foundation in the evaluation of the shoreline of the Fowl River and continues to assist with the local Used Electronics Recycling Days. Nearly 200,000 lb (91,000 kg) of unwanted electronic devices were collected in 2009.

Lafarge North America Inc. of Sugar Creek, Mo., was recognized for Environmental Performance. The Lafarge Sugar Creek facility completed a range of projects in 2009 to increase the amount of alternative raw materials and fuels used by the plant while continuing to keep emissions significantly below permit limits. By connecting to a third source in 2009, landfill gas replaced 17% of the plant's fossil fuels, which would offset more than 30,000 tons (27,000 metric tons) of carbon dioxide from coal combustion. Modifications to its alternative solid fuels facility allowed the Sugar Creek plant to double the percentage of fossil-fuel replacement, to 20%. In 2009, the facility utilized limestone fines from an adjacent quarry to replace more than 14% of the limestone needs of the kiln. The plant also substitutes 35.8% of its nonlimestone raw materials with a range of nonhazardous industrial wastes such as bottom ash, boiler slag, foundry sands, and mill scale.

Lafarge North America Inc. of Tulsa, Okla., was recognized for Innovation. In 2009, the Tulsa Lafarge plant took advantage of an alternative fuel opportunity that builds on a waste stream that the industry has been using for years. Most tire-derived fuel use is based on used tires, but the Tulsa plant worked with Goodyear Inc. to divert rubber manufacturing waste from landfills and into the cement kiln. The plant accepts bagged scrap rubber and malformed rubber components, which are delivered to a mid-kiln injection system by way of a high-angle conveyor. In addition, the plant utilizes 100% Biogas from a nearby landfill for the drying of raw materials and up to a 20% substitution of the kiln fuel needs.

—Source: PCA



Construction on the Ann and Robert H. Lurie Children's Hospital of Chicago is shown in April 2010.
Courtesy of Children's Memorial.

Lombard contributes to hospital project

Construction is under way on the new hospital Ann & Robert H. Lurie Children's Hospital of Chicago, which is scheduled to open in 2012.

More than 600 workers are on-site each day, from sheet metal workers and pipefitters to electricians and painters, and 75% of subcontracts totaling more than \$370 million have been awarded to local businesses. In total, the new hospital will directly generate about 3000 new construction-related jobs.

Lombard Architectural Precast Products Co. (LAPPCO) has the contract to fabricate and install the architectural wall panels on the Children's project, employing 45 local residents who worked an aggregate of nearly 60,000 hours over a period of eight months in LAPPCO's fabricating facility in Alsip, Ill. The construction of Lurie Children's is being managed by a joint venture between Mortenson Construction and Power Construction.

—Source: Children's Memorial

Stresscon awarded Kansas high school project

Stresscon Corp. was recently awarded the opportunity to provide precast concrete for the Garden City High School project in Garden City, Kans.

The project includes a total of 394 pieces of precast concrete, consisting of architectural insulated wall panels, spandrels, solid slabs, and hollow-core.

Precast concrete won out over site-cast/tilt-up concrete because of its accelerated construction schedule, less time on-site, minimal disruption to and coordination of other subtrades, and the elimination of waste slabs, among other things.

—Source: EnCon United

ConArt hires Welborn as VP, COO

Conart Precast recently added William (Jack) Welborn III as executive vice president and COO.

Welborn previously held a variety of senior executive positions with other leading U.S. concrete manufacturers, including Tindall and Encon United.

—Source: ConArt Precast LLC



Jack Welborn

Tindall completes new Mississippi Armed Forces Retirement Home

Tindall Corp. has completed a new Armed Forces Retirement Home in Gulfport, Miss., replacing one severely damaged by Hurricane Katrina and demolished in late 2007.

The retirement home features four pavilions rising from the main floor, with parking at ground level. A landscaped green area with walking paths, a bicycle trail, and a swimming pool surrounds the 600,000 ft² (56,000 m²) main building, which provides 582 units for a full spectrum of continuing-care retirement living for veterans.

Tindall Mississippi Division furnished architectural cladding for the entire complex, consisting of 1075 white concrete panels, with minimal color variation, featuring architectural reveals and medium sandblast, averaging 15 ft × 8 ft × 6 in. (5 m × 2.4 m × 150 mm) each.

This is the first structure built on the Mississippi coast to withstand winds faster than 200 mph (320 km/hr) in a Category 5 hurricane, and no penetrations were allowed into the waterproofing barrier located at the cavity of the building envelope. Tindall's engineers developed a unique system of hanging connections to satisfy the stringent architectural requirements. Because 95% of the project required erection with four tower cranes, a second engineering challenge was presented. Panels had to be designed to keep the maximum weight of each panel under the maximum capacity of two different crane arc charts.

—Source: Tindall Corp.

Applied Technology changes name

Applied Technology Corp. became Yee Precast Design Group Ltd. in March. The affiliated Singapore office will remain Precast Design Consultants Pte. Ltd.

—Source: Yee Precast Design Group Ltd.

Tekla 2010 meeting to be in Atlanta

Tekla Inc. will be hosting its 2010 North American User Meeting August 12–14, 2010, at the Loews Hotel in Atlanta, Ga.

The meeting gives attendees the opportunity to meet and interact with Tekla users and learn new skills on the latest Tekla Structures. This year's sessions include interoperability capabilities with other software, teamwork collaboration, Tekla Open API, and project management on the jobsite. For more information, visit www.tekla.us/um10.

—Source: Tekla Inc.

Royal Concrete helps Haiti rebuild

In 2009, Royal Concrete Concepts (RCC) innovated the shipping of precast concrete walls and concrete modular building systems in standard shipping containers for a mixed-use development in the port of Labadee, Haiti. This experience prepared RCC for the massive rebuilding efforts after the devastating January 12, 2010, earthquake that struck Haiti.

Labadee is within 100 mi (160 km) of the epicenter of the earthquake, which measured 7.0 on the Richter scale and destroyed or damaged most of the buildings in the Haitian capital of Port au Prince.

Not long after the Labadee project was completed, a representative from Allied Builders, the prime contractor on the project, returned to Haiti and sent back a report to RCC that the Labadee project was undamaged by the earthquake. Furthermore, Royal Caribbean was using the port to transport relief to victims of the disaster, according to media reports.

The mixed-use project by Allied Builders included multifamily and single-family housing units for Royal Caribbean employees, as well as a gymnasium, a gift center, and a dive shop.

The RCC products used in the Royal Caribbean development provide seismic resistance and Category 5 hurricane resistance. RCC products are made of 4000-psi-strength (28 MPa) steel-reinforced concrete.

RCC is providing immediate sustainable housing and commercial space that is delivered 80% complete utilizing standard shipping container dimensions. These same components can later be stacked or easily relocated throughout Haiti as permanent structures that are earthquake and hurricane resistant.

—Source: Royal Concrete Concepts



Denis Mitchell

ACI names Mitchell to BOD

The American Concrete Institute (ACI) introduced its new board members during the ACI Spring 2010 Convention in Chicago, Ill. Among them was PCI member Denis Mitchell.

Mitchell is a James McGill Professor in the Department of Civil Engineering and Applied Mechanics at McGill University, Montreal, QC, Canada. He currently serves on ACI committees 318 (Structural Concrete Building Code) and 318-G (Precast and Prestressed Concrete), among other committees.

He has received a number of awards for his research from ACI, PCI, ASCE, the Canadian Society for Civil Engineering, the Canadian Standards Association, the Engineering Institute of Canada, and the Institution of Structural Engineers. In 2004, he was elected to the Royal Society of Canada.

—Source: ACI

Oldcastle supplies precast concrete for Army projects at Fort Leavenworth

Oldcastle Precast is providing precast concrete manholes, hand holds, and telecommunication shelters to AT&T Government Solutions Inc. at Ft. Leavenworth Army Base in Kansas as part of the Army's \$4 billion Infrastructure Modernization Program (I3MP). The Infrastructure Modernization initiative is rewiring U.S. bases around the globe.

The I3MP connects command posts and contingency operating bases directly to the Defense Department's Global Information Grid. Together, these infrastructure improvements are helping the Army consolidate hundreds of disparate data centers into 14 area processing centers, which will provide secure, centralized storage, email, and data backup services to Army operations around the world.

Oldcastle Precast Services, a division of Oldcastle Precast, provided two design-build telecommunications shelters, a Sylvan Trails Shelter and an RCS/RSU Shelter. At each of these sites, Oldcastle Precast Services provided and installed generators, fire-suppression systems, alarm monitoring, and grounding systems for a full turn-key project to support I3MP.

In addition, Oldcastle Precast is providing I3MP turn-key precast concrete project support at Fort Bliss, Tex.; Fort Benning, Ga.; and Ft. Belvoir, Va.

—Source: Oldcastle Precast Inc.



Oldcastle Precast is providing precast concrete manholes, hand holds, and telecommunication shelters to AT&T Government Solutions Inc. at Ft. Leavenworth Army Base in Kansas as part of the Army's \$4 billion Infrastructure Modernization Program. Courtesy of Oldcastle Precast Inc.

Mid-Atlantic Precast awarded University of Virginia project

Mid-Atlantic Precast is the hollow-core supplier to W. M. Jordan on the University of Virginia's Alderman Road Residence Project in Charlottesville, Va. The Alderman Road Residence project consists of three buildings: two six-level dormitory buildings and one single-level commons building.

Mid-Atlantic Precast will be producing 675 pieces, 96,878 ft² (9000 m²) of 8-ft-wide (2.4 m) hollow-core.

—Source: Mid-Atlantic Precast LLC ■

Compiled by K. Michelle Burgess (mburgess@pci.org)