

Industry Focus

Ash Grove Contributes to Award-Winning Reconstruction Projects

After large floods in Iowa destroyed vital infrastructure in 2011, **Ash Grove Cement Company**-owned plants stepped up production to aid in reconstruction. Ash Grove supplied cement for the reconstruction of a 3 mile (5 km) stretch of Interstate 680 connecting Omaha, NE, and nearby Iowa communities. The project was completed almost 2 months ahead of schedule, despite the heavy supply demands it placed on Ash Grove's Louisville, NE, plant. Ash Grove's subsidiary, Lyman-Richey, supplied concrete for the Keg Creek Bridge replacement, which was executed by building the new bridge deck on the side of the roadway while the old deck was taken out and later crane-lifting the new deck into place. The I-680 project received the Ahead of Schedule award in the America's Transportation Awards competition, and the Keg Creek Bridge received a Best Use of Innovation award.

Holcim Plants Honored by PCA

Holcim (US) Inc. announced that two of its plants were recognized by the **Portland Cement Association** (PCA) during its 2012 Spring Board of Directors meeting. The Holcim plant in Holly Hill, SC, received PCA's Chairman's Safety Performance Award in recognition of their strong health and safety programs. The Theodore, AL, plant received the Environmental Performance Award in honor of the steps they take to minimize their impact on the environment, beyond what is already required.

Broadview Technologies Acquires Hycrete

Broadview Technologies Inc., a chemical supply company, has acquired **Hycrete Technologies Inc.**, a manufacturer of patented waterproofing admixtures synthesized to extend the cosmetic and structural life of concrete. Hycrete's products create hydrophobic concrete, which keeps water out, reduces moisture vapor transfer, and prevents corrosion. Broadview develops and manufactures a variety of anhydrides for curing epoxy resins and a range of non-halogen fire retardants and specialty plasticizers. Broadview plans to offer customized Hycrete solutions for contractors, architects, and engineers.

Central Concrete Named Supplier for New Santa Clara Stadium

Central Concrete, a U.S. Concrete Company, was selected to supply its high-performing, low-CO₂ concrete for the new home of the San Francisco 49ers, Santa Clara Stadium. Central was chosen for its ability to engineer

high-performing concrete while using materials that reduce a structure's carbon footprint. They will supply an estimated 80,000 yd³ (60,000 m³) of concrete for the auger cast piles and overall stadium structure. Central Concrete has also supplied materials for other green structures and sports facilities, including the San Jose Arena and Stanford Stadium.

Hanson Pipe & Precast Recognized for Safety Initiatives

Several **Hanson Pipe & Precast** facilities were recognized by the **American Concrete Pipe Association** (ACPA) for their safety performance. Their Wauregan, CT, plant received the Chairman's Safety Award, which recognizes plants, individuals, and companies that have implemented successful initiatives resulting in a safer and more productive workplace. The Wauregan plant installed a system that uses electronic chips to allow for more accurate accounting of devices and easy access to inspection notes. The ACPA Safety Award recognizes plants that have exhibited exemplary safety performance. Recipients of this award include Hanson's Canadian facilities in Windsor and Ottawa, ON, and Saint Jerome, QC; as well as their facility in Richmond, VA.

High Concrete Group Receives ACI Award

ACI's **Eastern Pennsylvania and Delaware Chapter** awarded a Grand Prize in their 19th Concrete Awards Program to the Millennium Science Complex in University Park, PA. The precast structure was fabricated by **High Concrete Group** and includes a large cantilever and skylight opening over a plaza, with a continuing cantilever theme throughout. High Concrete Group, based in Denver, PA, produces precast concrete pieces for use in a variety of commercial, institutional, and residential applications.

Schiavone Construction Encourages Engineering in Schools

Schiavone Construction Co. LLC is spearheading a youth educational initiative to promote engineering to elementary school students. Since September 2010, Schiavone Vice Presidents Anthony Del Vescovo and Patrick Rooney have taken time to visit schools in New Jersey and New York. They also provide students with the book *Those Amazing Engineers*, which features a range of careers offered in engineering and highlights historical milestones and achievements in various disciplines. Schiavone provides the books at no cost to the schools, who can in turn adapt them to their curriculum.