

Doka Provides Formwork Solutions for Gross Reservoir Project

The Gross Reservoir in Boulder County, CO, USA, serves as a combination storage and regulating facility for water that flows under the North America Continental Divide. As part of an effort to manage the region's long-term water supply, Denver Water is raising the 70-year-old Gross Reservoir from 340 to 471 ft (104 to 144 m). The rise will increase the capacity of the reservoir. Doka's infrastructure group collaborated with the joint venture team of Kiewit and Barnard to develop a custom formwork solution for this large-scale project. The formwork system incorporates horizontal adjustment to maintain tie spacing as the dam face steps back with each lift, ensuring both aesthetic alignment and structural integrity. The formwork solutions include Xclimb 60 for the training wall girder, Framax S Xlife panels on the lower training walls, and trailing platforms constructed from WS10 wales and H20 beams. The formwork is designed to be assembled in a way that allows four 1 ft (0.3 m) lifts per 24 hours. According to Denver Water, the multi-year expansion project is the largest dam raise in the United States and the largest roller-compacted concrete (RCC) dam raise worldwide. The Gross Reservoir project is scheduled for completion in 2027.



Doka custom steel formwork for RCC used in the Gross Reservoir expansion project (©Doka)

Heidelberg Materials Acquires Carver Sand & Gravel

Heidelberg Materials North America has entered into a definitive purchase agreement to acquire Carver Sand & Gravel, an aggregates producer in the Albany, NY, USA, area. Included in this acquisition are four quarries, three sand and gravel pits, a trucking business, two asphalt plants, 70,000,000 tonnes (77,161,792 tons) of reserves, and about 200 employees.

Heidelberg Materials and Carver Companies have also agreed on a strategic partnership in the Albany area for land and marine logistics. Carver Sand & Gravel is an established materials producer based in New York's Capital Region. A recognized tech hub, the Capital Region is also home to 23 higher education institutions and a host of growth industries, including digital innovation development, clean energy, and semiconductors.

Prometheus Materials Receives Grant to Advance Carbon Removal Technologies

The U.S. Department of Energy (DOE) is providing 10 million USD in funding to the U.S. Department of Energy Laboratory (NREL), Oak Ridge National Laboratory (ORNL), and Lawrence Livermore National Laboratory (LLNL) to collaborate with Prometheus Materials—and a team of partner institutions—to establish methods for measuring, reporting, and verifying carbon dioxide (CO₂) removal and sequestration in cement and concrete. Prometheus Materials, with funding from the Bipartisan Infrastructure Law Technology Commercialization Fund administered by the DOE Office of Technology Transitions (OTT), will collaborate with the project team to: advance technical capabilities, adapting and refining state-of-the-art techniques to measure CO₂ removal (CDR) and accelerate new tools for CDR toward market readiness; quantify net-carbon removed, establishing robust frameworks for cradle-to-grave life-cycle analysis; improve access to and understanding of the data-driven models produced by developing user-friendly, interactive software for operation of measurement equipment and data analysis; and facilitate market transformation and build bankability through techno-economic analysis and workforce development, while also actively engaging with impacted communities to identify and work toward positive impacts of new technologies.

AltusGroup Announces New Board Members



Arehart

The Board of Directors of AltusGroup, Inc.—a collaboration of over two dozen precast industry leaders dedicated to precast innovation powered by collaboration—has announced its leadership and Board members for the next 12 months. John Arehart, President of the Architectural Division of Enterprise Precast Concrete, will begin the first year of a 2-year term as Chair ending with the organization's annual meeting in 2026. He succeeds Joe Bunkers, President of Gage Brothers, who will maintain a seat

on the Board as immediate Past Chair. The Board also elected Tony Smith, Metromont, as Chair-Elect; Dave Schneider, High Concrete Group, as Treasurer; and Jason Pitcole, Master Builders Solutions, as Secretary. Other board members elected for a 1-year term are:

- Suzanne Aultman, Metromont;
- Lance Lorah, High Concrete Group;
- Brian Laufenberg, Chomarat NA;
- John Leatham, Chomarat NA;
- Hagen Harker, Mid-States Concrete Industries;
- Peter Gay, Knife River; and
- Andrew Levatte, Strescon Limited/Precon.

Abdullah Abdin Ready-Mix Concrete Achieves CSC Certification

ACI Sustaining Member Abdullah Abdin Ready-Mix Concrete achieved the Concrete Sustainability Council (CSC) certification. This recognition makes Abdullah Abdin Ready-Mix Concrete the first ready mixed concrete company in the Middle East and North Africa (MENA) region—and the first outside Europe, South America, and Turkey—to receive this certification. The CSC certification highlights Abdullah Abdin’s dedication to implementing advanced sustainability practices and setting a higher standard for environmental and social responsibility, reflecting its commitment to the Kingdom of Saudi Arabia’s Vision 2030. With 1288 active certified plants in 25 countries, CSC certification is recognized by leading green building labels such as Leadership in Energy and Environmental Design (LEED) and Building Research Establishment Environmental Assessment Methodology (BREEAM). In addition to achieving CSC certification, Abdullah Abdin recently signed a memorandum of understanding (MOU) with MENA region Cryo and CarbonCure Technologies. This collaboration focuses on deploying carbon capture and utilization technologies across its facilities, aiming to reduce greenhouse gas emissions and enhance the sustainability of concrete production.

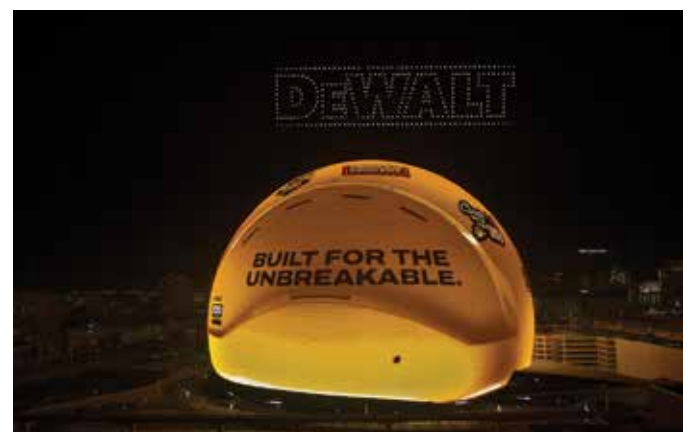
PAC NYC is Named the NCSEA Structure of the Year

The National Council of Structural Engineers Associations (NCSEA) awarded the Perelman Performing Arts Center (PAC NYC) “Best New Building Over \$200 Million” at its Structural Engineering Excellence (SEE) Awards. PAC NYC went on to win 2024 “Structure of the Year.” Presented annually, these awards honor projects that showcase ingenuity, technical skills, and groundbreaking design in the field. The PAC NYC completes the World Trade Center site in New York, NY, USA. The interior structure comprises movable, machine-like parts, including

massive guillotine doors to transform PAC NYC’s three main theaters and two adjoining storage areas, or “scene docks,” into configurations ranging from 100-person black-box venues to 1000-person concerts. In addition, balconies roll in and out, seating platforms rise and drop to create raked or flat seating surfaces, moveable and removable ceiling rigging raises or lowers, and walls appear and disappear, creating more than 60 configurations and 11 volumes. Set on a challenging site with existing foundations and layers of below-grade infrastructure, Magnusson Klemencic Associates (MKA) designed PAC NYC from the bottom-up. Seven “super columns” connect to the below-grade maze and support the entire structure. The structure is also completely acoustically isolated from below-grade noise, vibration, and adjacent theater acoustic bleed.

DEWALT Unveils New Campaign in Multimedia Drone Display during WOC

During World of Concrete 2025, DEWALT lit up the Las Vegas, NV, USA, skyline with an activation on the exterior of Sphere. This year’s display featured the DEWALT POWERSHIFT™ system and celebrated the 12 million unsung heroes who work on construction sites in the United States today with an innovative, drone-powered display that showed the full impact of construction workers on a jobsite. The DEWALT activation on Sphere’s Exosphere, featuring drones and viewable from vantage points throughout the city, launched a new concrete campaign for the brand: “Built for the Unbreakable.” The multimedia display was complete with drone-activated visualizations of towering cranes and construction workers blasting away at thousands of tons of concrete. DEWALT ran its “Built for the Unbreakable” campaign for seven nights from January 20 through January 26.



DEWALT’s campaign “Built for the Unbreakable” is displayed on the Las Vegas Sphere