

\$5M Donation to Wayne State University College of Engineering

Business leader and philanthropist Avinash Rachmale, and his wife Hema, have donated a total of \$5 million to the Wayne State University College of Engineering, Detroit, MI, under the auspices of The N. Rachmale Foundation: \$1 million to create an endowed scholarship fund and \$4 million to build a structures and materials engineering testing laboratory in Highland Park, MI. The Rachmale Detroit Engineering Scholars Program annually incentivizes five high-performing students from Detroit Public Schools Community District to attend Wayne State's College of Engineering. The 8000 ft² (740 m²) N. Rachmale Foundation Structures and Materials Laboratory is expected to be completed in 2020. The facility will provide Wayne State civil engineering students and faculty members with opportunities to engage in large-scale, real-world structures and materials testing projects.

Because Wayne State's on-campus civil engineering testing facilities have restricted access to the large trucks needed to transport products like concrete bridge girders, bridge decks, pipes, and steel and fiber-reinforced polymer reinforcing bars, the College of Engineering has been unable to pursue projects involving key civil structural components. "The facility will potentially be used by agencies including the Michigan Department of Transportation and U.S. Army Corps of Engineers, and corporate partners of the college," said Farshad Fotouhi, Dean of the College of Engineering.

Hanson to Modernize Lehigh Cement Company Plant in Indiana

Lehigh Hanson, Inc., is investing more than \$600 million in a 4-year modernization project of its Lehigh Cement Company plant in Mitchell, IN, which will increase production capacity while also significantly reducing energy usage and emissions per ton of cement produced. The project is the largest expansion and modernization Lehigh Hanson has undertaken in North America. Lehigh Hanson is working with the Indiana Department of Environmental Management to obtain the required air permits and anticipates the permitting process to be completed in the summer of 2019. The company is also working with the Indiana Economic Development Corporation regarding available business incentives. Construction is scheduled to begin in 2020 and completion of the new plant is anticipated by the end of 2022.

Projected economic and environmental benefits of this project include:

- Approximately 50 newly created full-time jobs at the plant;
- More than 1000 construction positions during the 4-year project span;
- Enhanced technical training and growth opportunities for

plant employees;

- Improved environmental performance and energy usage reduction while increasing cement production capacity; and
- State-of-the-art technology to improve operating efficiencies.

Lehigh Hanson has worked with local and state officials to develop increased infrastructure surrounding the plant, which ultimately will benefit the expanded operation. Mitchell sits atop a vast field of limestone, making it an ideal location to expand the company's manufacturing in the Midwest.

Partnership Provides Value, Performance for Floor Slab Designs

CTS Cement Manufacturing Corp.—manufacturer of Rapid Set® professional-grade cement products and Komponent® shrinkage-compensating cement for concrete repairs and new construction projects—has partnered with Concure Systems to provide moisture protection performance and Komponent® shrinkage-compensating jointless floor slabs. Facilities specifying moisture sensitive floor coverings or seamless flooring systems will benefit by combining integral moisture mitigation, 90 to 95% fewer joints, and dimensional stability that prevents shrinkage cracking, spalling, and edge curling. Concure's Lifetime Warranty for preventing moisture vapor emissions (MVE) helps protect the owner's capital investment and provides long-term performance.

New Name and Brand for Oldcastle Precast

Oldcastle Infrastructure is the new name and new brand for Oldcastle Precast. The name change more accurately reflects the breadth of the company's products and services, and its strategic direction. The rebranding supports Oldcastle Infrastructure's growth plan in North America. Simon Bates, President, Oldcastle Infrastructure, said: "We want our new brand to reflect our strategic growth ambition, the products that we make, and the positive impact that they have on peoples' lives and their communities. We also want to demonstrate we are a part of CRH, a leading global building materials group, and can take advantage of the tremendous size and scale that our parent company offers."

Wright Engineers Recognized as "Best Firm to Work For"

Wright Engineers, a structural engineering firm with offices in Las Vegas, NV; Salt Lake City, UT; Phoenix, AZ; and Irvine, CA, has been named the 2018 "Best Firm to Work For" in the United States and Canada by the Zweig Group. The award is determined from combined scores of comprehensive employee surveys and corporate evaluations, and looks at workplace design, teamwork, benefits, amenities and corporate culture. Founded in 1997, Wright Engineers is licensed in all 50 states.