



CIVIL TALK

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A NEWSLETTER FROM HENEGHAN & ASSOCIATES, P.C.

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Celebrating Our 24th Year in Business

November 2010

“LEEDing for a Greener Tomorrow” Leadership in Energy and Environmental Design



Kaskaskia-Vandalia Education Center in Vandalia, IL is a LEED Certified project.

For quite a few years, much attention has been focused on Leadership in Energy and Environmental Design, also known as LEED. The development of LEED

which began in 1993, is now an internationally recognized green building certification system which provides third party confirmation that a building was designed and constructed using methods to improve performance in energy savings, water efficiency, and improved indoor environmental quality. LEED focuses on the design of the building instead of the actual energy consumption.

LEED was developed by the U.S. Green Building Council (USGBC) to provide building owners and operators a consistent set of characteristics for identifying and implementing practical and measurable green building design, construction, operations and maintenance. The first LEED Pilot Project Program was launched in August 1998. Following modifications to the pilot project, the LEED Green Building Rating System Version 2.0 was released in 2000.

Since 1998, LEED has encompassed more than 14,000 projects in the United States and 30 countries covering 1,062 billion square feet of development area. The Green Building Certification Institute (GBCI) was established by the USGBC to provide testing for individuals to become accredited for their knowledge of the LEED rating system. The accreditation is recognized through either the LEED Accredited Professional (LEED AP) or LEED Green Associates (LEED GA).

In August of this year, Emily Fortschneider who has been a technician with Heneghan and Associates since 2007, became an accredited LEED Green Associate. This new title will enable Fortschneider to assist clients in understanding and designing projects according to the core concepts of the LEED rating system.

The LEED rating system is used for: 1) new con-

struction; 2) existing buildings: operations and maintenance; 3) commercial interiors; 4) core and shell; 5) schools; 6) retail; 7) healthcare; 8) homes; and 9) neighborhoods.

The LEED rating systems are developed through a process led by LEED committees. The committee is comprised of volunteers with diverse backgrounds representing the building and construction industry.

LEED projects are rated on a point system for four levels of certification. The levels from the lowest to the highest are: 1) certified; 2) silver; 3) gold; and 4) platinum. The points are distributed across categories including: 1) sustainable sites; 2) water efficiency; 3) energy and atmosphere; 4) materials and resources; and 5) indoor environmental quality.

To become a LEED Green Associate, candidates must pass an exam to ensure the necessary knowledge, resources, and skills have been acquired to participate in the design and construction processes associated with a sustainable building project.

“I am looking forward to being able to assist our clients with design and construction of projects that incorporate LEED thinking. Building with the green philosophy provides benefits now and for years to come,” Fortschneider said.

As a LEED Green Associate, Fortschneider can help with integrated design concepts as well as streamlining the LEED application and certification process. For more information call Emily Fortschneider at 618-498-6418.



Frieze Harley Davidson in O'Fallon, IL—LEED Gold—2008.

Client Spotlight Village of Lenzburg



Heneghan and Associates has been working with the Village of Lenzburg for the past six years. In addition to other projects, the Village's water tower needed improvements to bring it into compliance with the Occupational Safety and Health Administration, the American Water Works Association, and Illinois Environmental Protection Agency. HA

designed those improvements to comply with all necessary regulations. Some of the improvements included a safety cage around the new ladder, a safety grate on the interior of the tank, and a second roof hatch. The project was predominantly funded through a St. Clair County Community Development Block Grant and a local match. With the tower's historic significance, HA provided coordination with the Illinois Historic Preservation Agency. Construction should be completed this fall.

"Meet & Greet" Wally Cox



Those of you who know Wally Cox probably don't get to see him dressed up in a suit coat and tie very often (see left). Wally started working with Heneghan and Associates in 1993. Wally graduated in 1973 with a Bachelor of Science degree in Mechanical Engineering from Southern Illinois University at Carbondale and in 1996 with a Bachelor of Science degree in Civil Engineering from Southern Illinois University at Edwardsville. Wally's specialty is working with rural water clients. In fact, Wally was one of the main initiators of the Gateway Regional Water Company which is a 3.3 million gallon per day water treatment plant with 12 members. When not designing water projects, you can find Wally on his tractor farming corn and soybeans or working in his shop. He and his wife Shelby enjoy traveling and vacationing. Their most recent vacation spots were in Montana and Oregon.

CIVIL TALK is published by Heneghan & Associates P.C. Questions or comments? Contact Susan Isringhausen (618-498-6418) or email skisinghausen@heneghanassoc.com. If you prefer to receive the newsletter by e-mail, just let Susan know. If there are changes in who should be receiving the newsletter, please let Susan know that too so the newsletter database can be kept up-to-date. Thank you!

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