

Ludgate Loop

Volume 1, Issue 1

June 2006

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Ludgate Welcomes

Ludgate Engineering Corporation has hired Kirsten Deysher as Marketing Coordinator. She is responsible for business development for Ludgate's Civil, Structural and Municipal Engineering as well as Land Development and Surveying. Email her at kdeysheer@ludgate-eng.com.

Community Revitalization Team

Ludgate Engineering is bringing downtowns to life. Civil engineering is a lynchpin of a successful Main Street revitalization program. In addition to providing new curbs, streetlights and other improvements, the civil engineer addresses physical corrections such as basic drainage and traffic management systems.

We are currently engineering three on-going Main Street projects: West Reading, Hamburg and Phoenixville.

The West Reading streetscape was the first collaboration of Community Revitalization Team members. The Team, comprised of Architects, Landscape Architects, Engineers at Ludgate, Graphic Designers and a Community Development Specialist, offers a package of services for Main Street and community revitalization projects. From grant writing to improved traffic flow to light poles, trees, fresh building facades to new signs and banners the Team will customize the project around the unique characteristics that



Pictured above are the new trees, light posts, sidewalks and bump outs of the successful downtown revitalization of Penn Avenue in West Reading, Berks County. Traffic calming measures and innovative storm water controls developed by Ludgate Engineering have improved motor vehicle and pedestrian safety along this busy corridor.

Paving the Way with Porous Concrete

Ludgate Engineering is proposing the use of **porous concrete pavement** for a Muhlenberg Township Subdivision. Porous concrete eliminates or minimizes the need for costly detention and infiltration facilities. Additional benefits of porous concrete include land preservation, reduction in maintenance requirements, enhancement of water quality,

increased groundwater recharge, and a reduction of volume and peak rate of runoff. Porous concrete also buffers acid rain and reflects sunlight better than asphalt.

If the development is approved with porous concrete, it will be the first of its kind in Berks County. No more expensive than regular concrete, porous concrete

offers great advantages for storm water quantity and quality control, making it a highly desirable "Best Management Practice."

"This Ludgate Engineering project could be a major breakthrough, leading the way for further porous pavement use in Berks County", states Edwin Nordahl, PE and Vice President of Engineering Services.



The Pennsylvania Association of Township Supervisor's (PSATS) Convention was held April 23-26, 2006 at the Hershey Lodge in Hershey, PA. Shown in the picture are East Brunswick Township supervisors, Glenn Miller and Mark Killian, enjoying the Ludgate Engineering's Customer Appreciation Dinner at Pavone's Restaurant in Hershey.

Visit us online:
www.ludgate-eng.com

Municipal Watch: Steel Products Procurement Act

Are you in adherence? The Steel Products Procurement Act requires purchasing agencies to include the required contract provision in every contract for the construction, alteration, repair, improvement, or *maintenance* of public works.

A situation recently arose where a Pennsylvania municipality had purchased a product that they believed was made of US steel. They soon discovered however, the steel was made of US steel scraps that were melted and cast in a foreign country, therefore making the steel purchase prohibited by the Steel Procurement Act. Even if the steel had been foreign steel originally, as long as it is melted and cast in the US, it is considered US steel.

Ludgate Engineering's VP of Municipal Engineering, Peter Eisenbrown suggests "Whether you're buying steel in raw form (flat or bar stock) or in the shape of metal pipes, etc., make sure you obtain steel certificates. The contractor must provide documentation including, but not limited to invoices, bills of lading and mill certification." If your steel purchase does not comply with the Steel Products Procurement Act you cannot use public money for its purchase.

For more information of the Steel Products Procurement Act visit <http://www.dgs.state.pa.us>.

Ludgate Educates: On-lot Disposal Systems

The Schuylkill County Ag Center was the setting for an evening of sewage education for homeowners from across the region. The program: "**Managing Your On-lot Disposal System (OLDS): An Education and Outreach Program for Homeowners**" addressed three main topics: The Act 537 Municipal Sewage Plan, Homeowner's Sewage Responsibility and the role of the Sewage Enforcement Officer. Ludgate Engineering's Sewage Enforcement Officer, Wayne Bowen was a featured presenter.

The program educated homeowners on the different types of disposal systems. Also discussed were the proper construction techniques and terminology involved with installation, such as probe and percolation testing. Homeowners were also informed about common misuse and abuse of sewage systems, signs of failure and how to prevent system breakdowns.

"Over 35 homeowners attended the presentation. They left with a lot of valuable information and a better understanding of how an OLDS is built and maintained" said Wayne.

Wayne joined Ludgate Engineering in July 2005. His professional experience includes previous employment with the Pennsylvania DEP, Schuylkill County and the Schuylkill River Greenways. In addition to his role as Sewage Enforcement Officer, he serves as an Environmental and Municipal Consultant for Ludgate.

EMPLOYMENT OPPORTUNITY:

Ludgate Engineering Corp. is growing. If you are a **Civil Engineer** with Land Development experience (EIT or PE preferred) we want to hear from you! Please email a cover letter and resume to kdeysher@ludgate-eng.com.