

CELEBRATING WORLD ENGINEERING DAY

Carroll Engineering Corporation

National Engineering Month offers an opportunity to recognize the work that shapes our communities, even when that work is not always visible. From the roads we travel and the water systems we rely on to the neighborhoods, schools, parks, and public facilities that support daily life, engineering plays a critical role in creating safe, functional, and resilient places. For more than 50 years, Carroll Engineering Corporation has partnered with public- and private-sector clients to plan, design, and improve essential infrastructure throughout Pennsylvania.

Carroll Engineering provides a broad range of civil engineering and related services, including municipal engineering, planning and site design, traffic and transportation engineering, water and wastewater engineering, structural engineering, surveying, environmental services, construction administration and observation, geographic information systems, and grants services. This multidisciplinary approach allows our professionals to evaluate projects from multiple perspectives and guide clients through each stage, from early planning and permitting to design, bidding, and construc-



tion. Whether we are improving pedestrian safety, upgrading aging infrastructure, supporting responsible development, or helping a municipality plan for future needs, our goal is to deliver practical solutions tailored to the communities and clients we serve.

Across the Route 422 and Route 100 corridors and throughout the surrounding region, continued growth brings both opportunities and increasingly complex infrastructure needs. With Pennsylvania offices in Bucks, Northampton, and Chester Counties, as well as a new office in Lancaster County, Carroll Engineering is well positioned to



serve communities throughout the region. National Engineering Month celebrates the engineers and support professionals who make this work possible. At Carroll Engineering, we are proud of our team's commitment to solving challenges, strengthening infrastructure, and helping build communities that are prepared for what comes next. For more information, visit www.carrollengineering.com and follow us on LinkedIn (Carroll Engineering Corporation), Facebook (@carrollengineeringcorp), Instagram (@carrollengineeringcorporation) or X (@carroll_eng).



CELEBRATING NATIONAL ENGINEERING MONTH



OUR SERVICES

- Wastewater Engineering
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- Municipal Engineering
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- Traffic & Transportation Engineering
- Structural Engineering
- Environmental Engineering
- Surveying
- Construction Phase Services
- Grants & Funding
- GIS & IT

CONTACT US TODAY:

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Lancaster, PA

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Scan me!

Ludgate Engineering

Engineering for Land Development

Ludgate Engineering has provided civil engineering for land development since the company was founded by Bob Ludgate Sr. in 1976. Although rules and regulations have changed, the planning process still deals with the several impacts imposed by almost all development plans. While the site civil engineer provides plans to identify and offset or mitigate impacts, the Engineer must do so in a way that does not impede the essential functions the site shall provide, nor shall the plan

compromise the Architect's vision of the development. Each site plan deals with the impacts of traffic management and parking layout. Managing stormwater for drainage and flood prevention often governs the design. Bringing sewer, water, and other utilities to the site can present difficult problems for the Engineer to solve.

Ludgate Engineering Corporation is headquartered at 10 Vanguard Drive, Suite 90, Reading, PA 19606; 610.404.7330.



Established 1975

LUDGATE ENGINEERING CORPORATION

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10 Vanguard Drive, Suite 100, Reading, PA 19606



Earth Engineering Incorporated

Earth Engineering Incorporated (EEI) takes great pride in being a high-quality full service geotechnical and environmental engineering consulting firm composed of a group of proven engineers, geologists, and scientists. With offices located in East Norriton, Lehigh Valley and Mechanicsburg, Pennsylvania as well as South Jersey, EEI is well positioned to service the entire 422 corridor and surrounding areas. We at EEI are dedicated to providing swift, professional services needed to meet the demands of today's development projects.

EEI has specific expertise in Geotechnical Consulting, Subsurface Investigations, Construction Inspections & Testing, Infiltration Testing, Geo-Structural Design, Environmental Site Assessments, and Clean Fill Analysis. The cost-effectiveness of foundation alternatives and geotechnical data are evaluated along with site development issues to establish thorough, mindful recommendations. This approach has enabled EEI to contribute to the successful development of many various types of projects by adding true value to the planning process.

At EEI, our mission is to provide top quality geotechnical and environmental consulting services with a focus on providing best in class services to our clients. We are driven by our core values of reliable, quality driven engineering; on-time, on-budget services with a focus on communication and our client's best interests; honesty, integrity and trustworthiness; and a commitment to building a better community.

Your success is our mission. The 422 region is alive and well and the professionals at EEI, many of which who reside along the corridor, are ready to support the progress throughout the area. We at EEI look forward to contributing to the success of your next project. For additional information, please call 610.277.0880 or visit our website www.earthengineering.com.



Marando Industries

Engineering the Future on the Factory Floor

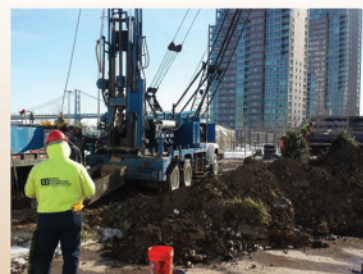
World Engineering Day reminds us that the quiet work of engineers shapes the products we rely on every day, from the cars we drive to the everyday goods that fill our shelves. In manufacturing communities like ours, that work happens not only in design studios but right where the machines run—turning ideas into reliable, efficient production. Local companies that blend practical know-how with fresh thinking are helping keep American industry competitive, one carefully engineered solution at a time.

Right here in Berks County, a family-owned engineer-to-order firm has spent nearly two decades doing exactly that. Marando Industries, based in the Reading area, designs and builds custom automation systems and integrates advanced robotics for manufacturers across the Mid-Atlantic. As a FANUC Authorized System Integrator

with deep experience in turnkey machinery and controls, the team has long helped factories run smoother, safer, and more profitably by matching technology to real-world shop-floor needs.

Today that same local company is at the forefront of bringing artificial intelligence into everyday production environments. By embedding intelligent capabilities directly into new machine builds and offering practical add-on solutions that work with existing PLC-equipped equipment, Marando is helping manufacturers unlock smarter decision-making, predictive insights, and greater flexibility—without needing to overhaul their entire operations. In doing so, this Berks County business is showing how thoughtful engineering can put the power of AI to work where it matters most: on the physical factory floor.

For additional information, please call 610.621.2536, ext. 700 or email rich@marando-inc.com, and visit www.marando-inc.com.



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