FOCUS ON ENGINEERING

McCarthy Engineering Selected by the Boyertown Area School District for System Upgrades

McCarthy Engineering is excited to be partnering with KCBA Architects and the Boyertown School



District's renovation team to design the upgrades to Boyertown Junior High West, a 145,000 square

foot one-story building that includes a 6,000 square foot four-classroom addition. Currently under design is the installation of a modern and efficient new HVAC system to heat, cool and ventilate the entire facility. Presently the building is heated with only very limited air conditioning, but when McCarthy Engineering completes the project the entire building will have central air conditioning assuring a higher-quality classroom environment. Also included is an upgraded new boiler system to be installed within the school ensuring the utmost efficiency in supplying heat during the winter season.

As a division manager at McCarthy Engineering, Mike Levengood, P.E. is specifically excited to be the project manager on this project. "I attended

Engineering YOUR Success Engineering

McCarthy Engineering Services:

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Boyertown Junior High School West as a kid" Mike explained. "It was exciting to get the opportunity to return to the school and help enhance the learning environment for years to come. Any time we have opportunities to be involved with projects in the local community, we enjoy it. Many of us here at McCarthy Engineering grew up in the area calling Berks and the Tri-County area home." McCarthy Engineering looks forward to increasing the amount of work the firm is doing in the local community. Prior community-related projects include Pottstown Memorial Hospital, Albright College, Carousel at Pottstown, Boyertown Ambulance Station, Douglass Township Ball Park, Fox Berkshire Theater, Berks Catholic High School and the Reading Hospital

McCarthy Engineering is a multi-disciplinary engineering design and consulting firm that offers excellence in Civil, Structural, Mechanical, Electrical, Plumbing, Regulatory, and Project Management disciplines for the public and private sectors. With over 40 employees, McCarthy Engineering is expanding and constantly evolving to stay up to date with the latest industry trends, technology, and regulations. President and C.E.O. James McCarthy incorporated the business in June 2000 with a vision to create a different kind of engineering firm. That vision's success continues to unfold.

McCarthy Engineering takes pride in... Engineering Your Success. For additional information, please call 610.373.8001 (Wyomissing) 610.369.3190 (Boyertown); or visit www.McCarthy-Engineering.com.

Earth Engineering Incorporated

By Ward McMasters, P.E.

What a tremendous feeling it has been over the last year to be part of the driving construction and development industry throughout our area. Earth Engineering Incorporated (EEI) has experienced tremendous growth over the last year due to the increasing demand for our geotechnical engineering and construction inspection and testing services. As many other businesses have experienced, these times can be very exciting and very challenging simultaneously.

Whatever business you are in, the level of innovative quality and service that you provide dictate the demand for your service. Therefore, the establishment of a new certification and training program, recruiting and hiring initiatives, quality assurance program, and a massive capital improvements campaign, have positioned EEI for 2016 and beyond.

Although all of our programs are essential, much of our excitement has centered on the renovation and expansions that have happened over the last year and are ongoing into 2016. The first and most ambitious was the expansion and complete renovation of our soils testing laboratory at our Corporate Headquarters in East Norriton. The building was originally purchased in 2002 from the Genuardi Organization, as they no longer needed their original headquarters. We made very good use of the original kitchen space for our lab for many years but it was time to step it up. One of the most challenging parts of the project was that our operating soils laboratory had to be relocated to a trailer in our parking lot during the busiest summer in the 25-year history of the firm. Everyone persevered throughout the project and late last year our new 3000 square-foot laboratory space was completed. (Continued on page 23)



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Focus on Engineering

(Continued from page 21)

Our new laboratory is currently up and running very efficiently complete with the addition of brand new state soils testing equipment. Our latest project involves the renovation of a much larger office space to support our Construction Testing and Inspection Division. This newly renovated space boasts a central field scheduling space complete with digital presentation of our daily schedule. We have one more project planned for 2016 as well that will provide a new 3000 square foot home to our Geotechnical Design Division.

All of these capital improvements only serve to better support the people of EEI. We have seen the addition of new energetic people into every division of the company, which makes for a very exciting time. Our new program, which focuses on an all-out commitment to training and industry certifications, has created a vibrant atmosphere of learning and advancement. We will continue these programs so that we can serve our clients who put their trust in us to put the success of their projects first. That is our "Brand Promise."

During the time when all of the above was happening we also managed to create a completely new website. I invite you to visit www.earthengineering.com to explore all of the services we provide, some of the exciting projects we have worked on, and the latest news about the firm

Why Choose Ludgate Engineering?

There are many reasons such as a 40-year track record, the cohesion of our seasoned, effective staff, or the list of our past accomplishments but the best reason, to our many satisfied clients, is "cost-effectiveness". That phrase means we earn the fee we may be paid by delivering a survey,

design, spec, or plan that not only gets the job done but balances the "return" and the "cost" effectively.

If our client brings a structural problem to be corrected or a drainage problem to be solved we are Professional Engineers who address such problems with the goal of providing the optimal answer. That answer must adress our client's true need or desire with a workable, constructable solution at an affordable cost.

That goal, to be Cost Effective, applies to all of the work we do, whether planning and zoning for a municipality, laying out a subdivision or development, providing a certified ALTA survey, or otherwise serving one of our many diverse client requests.

If you have a need which can be addressed by a Professional Civil Engineering and Land Surveying firm visit us on the web at www.ludgate-eng.com or call 610.404.7330.

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Carroll Engineering Corporation (CEC) is one of the largest civil engineering firms in the Greater Philadelphia area, providing guality engineering and surveying services to clients throughout Pennsylvania and New Jersey. The company provides highly recognized professional services to a wide range of authority, municipal, public and private clients in the region. Services include: . Water/Wastewater Engineering, Municipal Engineering, Civil Engineering, Traffic/Transportation Engineering, Structural Engineering, Surveying, Construction Management, and Geographic Information Systems.

(Continued on page 25)



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Our corporate office is in Warrington, Bucks County. We also have offices in Malvern, Chester County, King of Prussia, Montgomery County and Hillsborough, Somerset County, New Jersey.

CEC has a staff of approximately 90 individuals, of which over 40 are professionals with state or national registrations and certifications in engineering, planning, surveying, and geology. In addition to professional registrations, many of our staff have supplemental certificates in specialties such as sewage enforcement, hazardous material removal, bridge inspections, water and wastewater operation, etc. Also, CEC developed MuniLogic, Municipal Management Software, an enterprise-wide system to resolve many of the challenges municipal and authority organizations face. This software allows the municipality or authority to become more efficient, better equipped to comply with regulations, make better decisions and ultimately save money.

CEC is continuously recognized as one of the Top 25 Engineering Firms in the prestigious Philadelphia Business Journal Book of Lists. To learn more about CEC, please visit our website at www.carrollengineering.com. To learn more about Munilogic, please visit the website www.munilogic.com.

BUSINESS PROFILE Axcess Industries

Axcess Industries' motto is "providing trained professionals to perform quality service." With Axcess Industries' 10th anniversary coming up in 2017, the company, formed in 2007, has been doing just that. Axcess Industries started out as a residential, commercial, and light industrial company offering mechanical and electrical contracting services and has grown from 5 employees to its current roster of over 60 employees. Axcess Industries now has separate divisions which include: Axcess Industrial, Axcess Electrical (commercial and industrial electrical services and 24/7 commercial); and Axcess Mechanical (commercial 24/7 plumbing services).

Richard Carpenter, the owner of Axcess Industries, is a firm believer in changing with the times and pursuing opportunities. Axcess Industries has a growing team of millwrights, riggers, electricians, welders, pipefitters, and laborers that perform work throughout the country as well as foreign locales including Mexico and Canada. Their ever-growing client list includes commercial bakeries, chemical plants, food processing plants, steel plants, and waste and water treatment facilities, to name a few.

Axcess personnel are exited to be exhibiting their services at the upcoming IBIE 2016 trade show in Las Vegas in October. "IBIE 2016 is the perfect opportunity to reach potential new customers in the baking industry, generate leads, increase sales, close deals and strengthen our brand, which is why we're exhibiting this year", said Jim Cisick, Axcess Industries' Director of Business Development.

If you are a facilities director, maintenance manager, plant manager, or an engineer, please don't hesitate to contact Axcess Industries to explore how their team of trained professionals can help you with your facility's ever growing challenges. Contact Axcess Industries at 610.916.3943 to speak to the sales department. To learn more about Axcess Industries and the company's capabilities, please go to their website at: www.axcessindustries.com.



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