R.E. WARNER & ASSOCIATES INC.

ENGINEERS
ARCHITECTS
SURVEYORS
CONSTRUCTION MANAGERS

Excellence BY DESIGN

WINTER 2017

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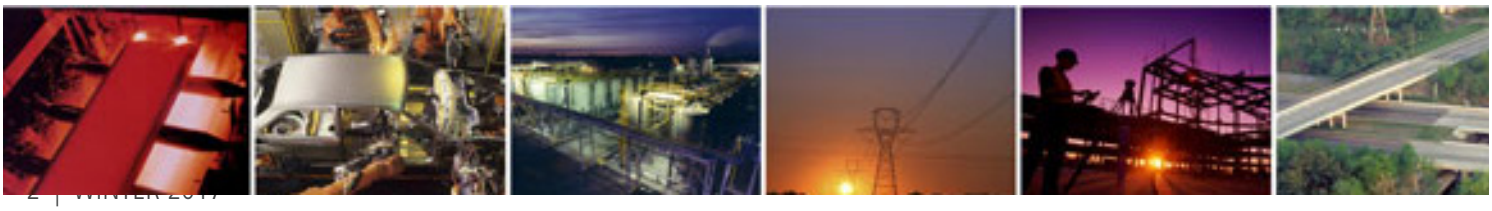


PRESIDENT'S MESSAGE

by Ted Beltavski, MS, PE

WE ARE STRONGER COMBINED

Celebrating the One Year Anniversary of the Accurate Technologies Acquisition

One year ago, R.E. Warner acquired Accurate Technologies. As we look back on our first 12 months together, we are assured that our teams are stronger combined and provide enhanced services to clients.

Both Accurate and R.E. Warner clients now have **one source** for engineering, architecture, surveying, and industrial measurement and mapping services. This creates a **seamless experience** – the data collected by the survey team is passed along to the engineering disciplines for analysis and design without missing a beat and without the hassle of procuring two separate companies.

Further, we now not only offer the **largest suite of surveying services** provided by a professional engineering and surveying firm in Ohio, we also offer **cutting-edge technologies** not common to most firms. These tools also allow us to provide enhanced services, including high precision surveying, global positioning systems surveying, 3D laser scanning and laser tracking, 3D modeling, geographic information systems and mapping, metrology, UAV drone mapping and high-accuracy equipment alignment. These provide better data and accuracy, and can be **directly linked to time and cost savings.**

We firmly believe that the combination of Accurate's cutting-edge survey technologies with the R.E. Warner's depth of engineering experience allows us to better meet the needs of the future, improve accuracy and productivity, and better analyze and determine existing design challenges.

As we look to the future, R.E. Warner is getting ready to complete the transition of integrating Accurate with a branding update. In the next few months, the Accurate Technologies website will be absorbed into R.E. Warner's website, and the logo will be phased out. Going forward, Accurate Technologies will become its own discipline under the R.E. Warner company umbrella – just like our civil, structural, surveying and other teams.

While our acquisition has brought about change, the **essentials remain** the same. Clients of both R.E. Warner and Accurate Technologies continue to be **serviced by the same people**, at the **same locations**, and with the **same quality service** they expect.

We are grateful for your continued business, and look forward to continuing to provide you with technical solutions through teamwork and a passion for service.

FEATURE

R.E. Warner & TimkenSteel Mentor Akron University Students

Several of R.E. Warner's industrial surveying specialists were recently at TimkenSteel's Gambrinus Works to assist Akron University's surveying and mapping students with their 2017 National Society of Professional Surveyors student competition project. The Canton Repository was on-site to capture photos. Click here to see the story.

The students completed a high-precision horizontal and vertical control survey at TimkenSteel's Advanced Quench and Temper Facility (AQTF). They used both the traditional high-precision optical survey equipment and newer 3D laser tracker to complete the survey in order to compare the two methods. High-precision surveys are used for industrial projects to create high-precision project controls. High accuracy is crucial in the industrial environment where machinery is often set to 0.001 – 0.005 inches' tolerance. The 3D laser tracker is the latest technology utilized to meet these stringent requirements.

As high-precision surveying technologies become more commonplace, especially for industrial settings, it is essential that future surveyors are aware of these new

technologies. In response to this, Akron University's surveying and mapping program is working to integrate new laser technologies into its curriculum. R.E. Warner is one of few firms in Northeast Ohio that uses these technologies for industrial applications, and as industrial surveying and mapping has gained ground as a surveying specialty, R.E. Warner has been working with Akron University to provide students with real world experience in this arena.

This experience is especially helpful for students who plan to stay in the area after graduation. There are many industrial companies locally and a great need for industrial surveying specialists, but few surveyors currently practice in this niche. The students' 2017 NSPS competition entry is demonstrative of these local efforts to adapt to the evolution of the surveying profession and prepare students for successful careers.

Photo Credit: Canton Repository

METALS

2017 OUTLOOK FOR METALS INDUSTRY LOOKS GOOD

This article is written by Eddie Dziubek, PE. Eddie is a project director and has more than 35 years of experience in the design, management and construction administration of capital improvement and maintenance projects for many facility types, including metal production and processing facilities.

Proposed federal regulatory changes and infrastructure investments may affect the metals industry should they materialize in 2017. R.E. Warner is ready to help our clients capitalize on the likely forthcoming boom with consulting engineering and surveying services for all facilities needs.

Should proposed federal regulatory changes and infrastructure investments materialize in 2017, the metals industry should be seeing a revival in demand. R.E. Warner's steel and other metals clients can capitalize on this boom, through our consulting engineering services for all facilities needs – from the construction of new steel mills, to the modernization of existing mills, to routine maintenance.

Anticipated Changes

Here's how the anticipated initiatives could play out:

President Trump has made a call for an ambitious infrastructure program – "highways, bridges, tunnels, airports, schools, hospitals" – a key part of his acceptance remarks. Investment in infrastructure serves as a powerful economic engine that creates jobs and promotes economic opportunities. Infrastructure projects will require steel for reinforcing bars, structural shapes and fabrications of new equipment. More steel means more mining; thus, construction equipment made by companies like Caterpillar and John Deere will be needed. Estimates of $500 million to as much as $1 trillion have been estimated as to what will be spent, but not starting until the third quarter of 2017.

In his first few weeks in the Oval Office, President Trump signed an executive order to ease restrictions on oil and gas projects, which means more investment in pipelines and drilling. In addition, the Keystone XL pipeline project has been revived. This will help to resume and step up steel tube production in our country. Many tube mills have been idled in the last several years due to lackluster investment in domestic oil/gas production.

Other recent announcements by those in the automotive industry regarding investment in plants here in the United States will help increase production of flat rolled steel at many of our domestic steel mills.

Steel is the backbone for many components of modern society, and we'll continue to monitor the numerous sectors that utilize steel to anticipate our clients' needs going forward. We have been a partner to metals makers for more than 65 years, and will continue to offer professional services that help our clients meet their business objectives.

View our capabilities or contact us to discuss your next project.

SIGNIFICANT CHANGES EXPECTED TO CONTINUE IN POWER INDUSTRY IN 2017

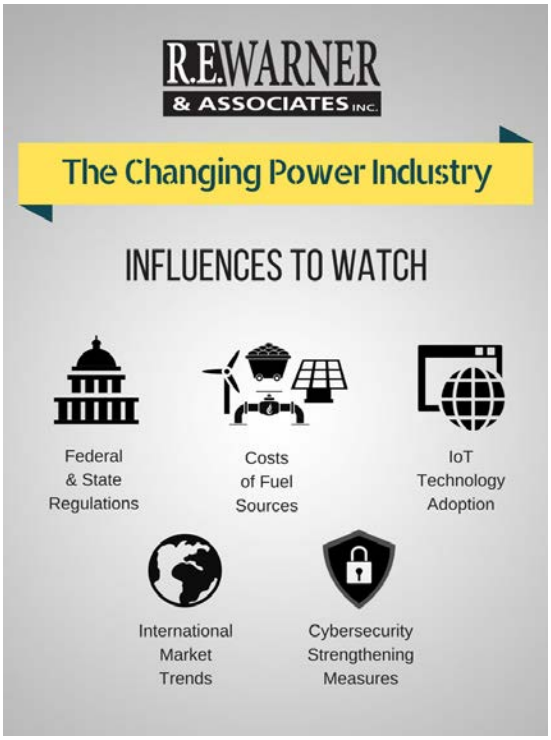
This article is written by R.E. Warner President Ted Beltavski, PE. Ted also serves as Prinicpal of the firm's Power market practice, having more than 25 years of experience in the design, management and construction of capital and maintenance projects for power generation and transmission facilities. Earlier in his career, Ted served as Vice President for Soils Technology, LLC, a partnership between FirstEnergy Ventures, Inc. and Barnes Nursery, Inc., and as program manager for FirstEnergy Corporation, directing 11 mechanical contractors involved in state-of-the art energy management.

Rapid changes in the energy sector will continue throughout 2017 and beyond. We're ready to help our power clients adapt.

The practice of consulting engineering within the energy sector is changing at a record pace. For many years, our clients have required engineering services for fossil fuel combustion facilities. As economic drivers shift, we are increasingly providing services for clean fuel facilities. Gas-fired generation, natural gas pipelines, pipe mills and ancillary industries dominate the current market direction.

Changes will continue with the new political climate, and we are paying close attention to the many influences that stand to affect the industry. Engineering consulting, in the near future, will need to be agile and flexible in order to be ready to meet rapidly changing energy design needs.

The ability to be adaptable goes hand-in-hand with our corporate vision to be our clients' preferred consultant. We are committed to being agile, quick, and accurate in our work in order to meet the power industry's changing needs.



X-BRACING

WHY IS THE ROOF ON MY EQUIPMENT? A PRIMER ON X-BRACING AND LATERAL FORCE RESISTING SYSTEMS

This article is written by Matt Benovic, PE, SE, LEEP AP, Senior Project Manager. Matt's structural engineering experience includes concrete, steel, masonry and timber design for commercial and industrial projects including equipment foundations, crane girders, premanufactured building foundations and seismic design. He has also designed drives, culverts and drainage systems. In additional to being a licensed Professional Engineer and LEED Accredited Professional, Matt is a licensed Structural Engineer. Obtaining the SE licensure signifies that an engineer is proficient in structural design as regulated by rigorous and increasingly complex design codes and standards set by the government and professional associations.

In manufacturing and heavy industrial organizations, the focus of all production facilities is the process and equipment within the structure. When upgrading or expanding systems, engineers attempt to best utilize as much existing space as possible, often resulting in the need to remove or modify the existing building structure. The most common casualty of process modifications is an x-brace, which appears to be "useless"; however, removal of x-braces and other lateral force resisting systems (LFRS) can create a life safety hazard and risks destroying equipment in your facility. These catastrophic problems may not be apparent until it is too late.

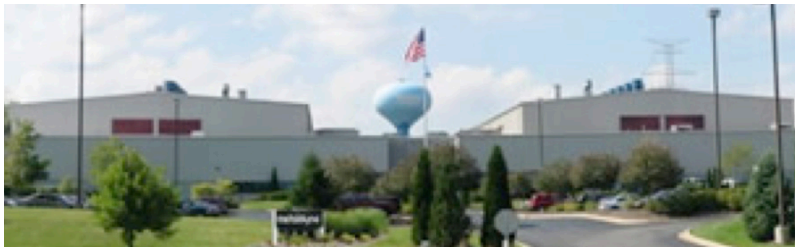
An x-brace is part of a structure's LFRS and is typically used to resist wind, seismic loads and other less common types of lateral loading. The brace is how the forces applied in a horizontal direction at floors or the roof are transferred to the ground. (Seismic works slightly differently, but for the purposes of this discussion, we will ignore this.) Due to life safety considerations, the current building code in Ohio requires buildings be designed to a mean recurrence interval of 700 years (5% probability of exceedance in 50 years) for wind and two-thirds of the 2,475 year (2% probability of exceedance in 50 years) for seismic. While earthquakes are usually thought of as a west coast phenomenon, they do occur in the Midwest at magnitudes high enough to require consideration in building design, commonly governing LFRS design for enclosed structures and long, narrow buildings. When the x-brace is removed, elements of the building that were not specifically engineered for lateral force resistance will engage, providing some unknown level of resistance, likely well below that of the originally engineered structure. This significantly reduced capacity creates life safety and process hazards for those occupying the building.

Luckily, there are solutions to eliminating an x-brace without creating life safety and process hazards. Reinforcement of the existing structure can typically be designed to either provide a moment frame or eccentrically braced frame depending on your facilities requirements. If constructing a new building, future process changes should be accounted for. Designing flexibility into the original building will save money when compared with reinforcing it later. While not being as efficient a use of steel as your typical x-brace, these solutions will resist lateral loads and keep your roof off your equipment.

We can help with your architectural, engineering, and surveying needs. Get details on our Buildings & Facilities practice or contact us.

PROJECT PROFILES

DUE DILIGENCE FOR FURNACE REPLACEMENTS



Due diligence for the design and layout of **two new molten aluminum furnaces** to be installed at an automotive OEM's Twinsburg facility utilizing laser scanning and point cloud model conversion software to locate utility tie ins and locate ductwork.

Matt Benovic is our project manager for this new client and project and Dave Andrews is our 3D Scanning Coordinator.

TRI-C EAST CAMPUS RTU REPLACEMENTS

R.E. Warner is providing engineering services for the r**eplacement of approximately 40 rooftop units** at Cuyahoga Community College's EEC Building at their East Campus. The existing rooftop units are old and have begun failing, and duct penetrations through the roof have begun leaking. Our scope includes mechanical, electrical and structural construction documents and specifications.

Farres Sarrouh is our project manager and Mitch Reynolds is our project engineer.

PROJECT PROFILES

POWERHOUSE RELOCATION INTO A NEW MODULAR POWER CONTROL ROOM "PCR"

Electrical, mechanical, structural and civil A/E services for an engine manufacturing facility's **powerhouse relocation into a new modular Power Control Room (PCR)** in Brookpark, Ohio.

Bob Ramer is our project director and Rich Jones is our project manager.

AUTO PLANT STAMPING DEPARTMENT EXPANSION

Additional engineering services for an **automotive plant's stamping department expansion** including design and drawings for demolition, office construction, installation of new substation and storm water pollution prevention plan for the construction laydown area.

Matt Benovic is our Project Manager.

EGL UPGRADE PIPING SCANNING AT STEEL MILL

3D laser scanning to replace four electrolyte tanks for a steel mill's **Electro Galvanizing Line upgrade**.

Don Salsbury is our project director and Dwayne Huston is our project manager for this contract.

LINE EQUIPMENT INSTALLATION

Engineering services to assist with the **installation of new entry and exit equipment on a plating line** at a steel processing facility in Warren, Ohio.

Randy Cecil is our project manager for this contract.

EQUIPMENT ALIGNMENT AT SEAMLESS PIPE MILL FACILITY

Dimensional metrology services to provide an Owner's check of **equipment alignment** at a seamless pipe mill in Bay City, Texas.

Dwayne Huston is our Project Manager. Dave Andrews, Rocky Porterfield, and Rick McDonald are our survey crew for this contract.

INDUSTRIAL BUILDING HVAC IMPROVEMENTS

R.E. Warner is providing HVAC, electrical, structural, and piping engineering design services for an industrial building's **HVAC modifications**. The existing central HVAC system is being modified and two new HVAC units with associated ductwork are being installed. Additionally, the basement locker room ventilation is being addressed. The project is being undertaken so that the building can meet current and future needs. Due to the age and condition of equipment as well as significant changes to the rooms in the building, the facility experiences inadequate airflow, temperature control and humidity control in many rooms and areas.

Mitch Reynolds is our project manager for this contract.

NEW FURNACE SYSTEM STRUCTURE

Structural engineering design services for detailed drawings and specifications of a **new furnace system structure**, including foundation and framing, within an existing facility in North Bloomfield, Ohio for a manufacturer of perlite and vermiculite.

Karl Schneider is our project director for this contract and Paul Winkler is our project manager.

PROJECT PROFILES

PRELIMINARY ENGINEERING SERVICES FOR PROCESS DESIGN, WORKFLOW AND LAYOUT OF A NEW BLEND CENTER

Preliminary engineering services for **process design, workflow and layout of a new automotive coatings blend center facility** to be located near Atlanta, Georgia.

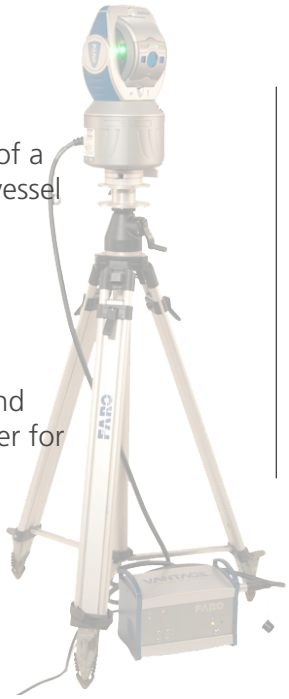
Mitch Reynolds is our project manager.

3D SCANNING PROJECTS

3D scanning to verify the fabrication of a caster oscillator structure and a BOP vessel at a steel plant.

3D scanning and model for verifying clearances of an AOD Vessel.

Don Salsbury is our project director and Dwayne Huston is our project manager for this contract.



RIGGING POINT EVALUATION

Structural analysis and evaluation services of undocumented rigging points at a Cleveland, Ohio salt mine.

Matt Benovic is our project manager for this contract.

FIELD SURVEYING SERVICES

Subconsultant for field surveying services, including topographic, drainage, and underground and above-ground utilities for the East 85th Street area storm sewer relocation project for the City of Cleveland Water Pollution Control Division.

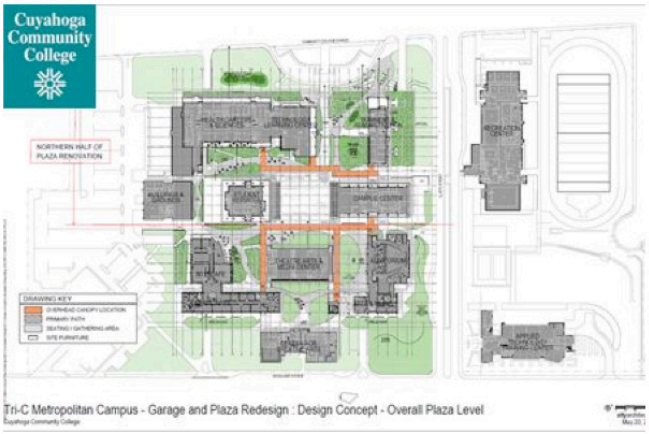
Dustin Addair is our Survey Crew Chief.

ADDITIONAL SERVICES FOR TRI-C METRO CAMPUS PLAZA RENOVATIONS

City Architecture has contracted with R.E. Warner to continue our services for Cuyahoga Community College's Metropolitan Campus plaza redesign, as well as begin schematic design and design development for Phase III of this project, which is the renovation of the northwest quadrant.

R.E. Warner has been serving as engineering subconsultant to City Architecture for this project, providing structural and civil engineering (including landscape sprinkler) and design services, as well as construction document services.

Jeff Spangler is our project manager.



ADDITIONAL SERVICES - HEALTH EDUCATION CAMPUS SURVEYING PROJECT

Forest City Erectors has authorized R.E. Warner to proceed with additional services related to our surveying work for the Case Western Reserve University and Cleveland Clinic Health Education Campus project.

One of the largest projects in the region, the new Health Education Campus is intended to cement the city's image as a center of medicine and medical education.

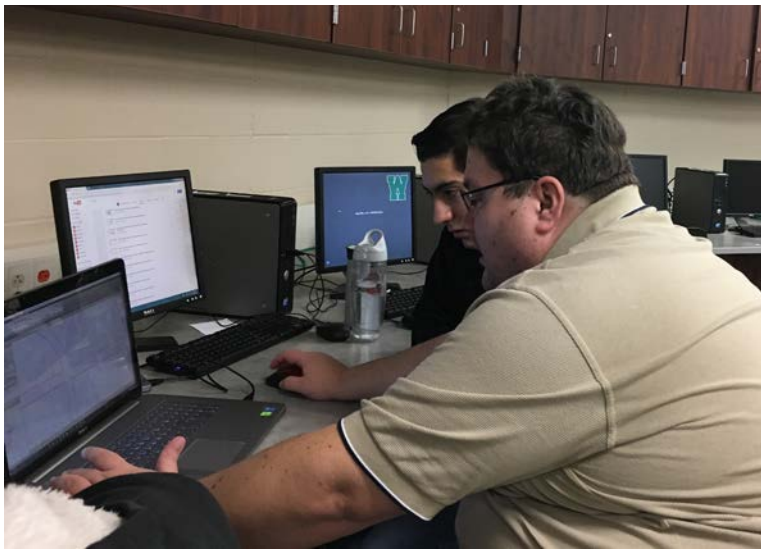
Chris Tomko is our Project Manager.

MENTORING

Our commitment to future engineers

R.E. WARNER ENGINEERS MENTOR LOCAL HIGH SCHOOL STUDENTS

R.E. Warner's Senior Project Manager Matt Benovic and Senior Structural Designer Tom Kunsman both recently spent time mentoring students at local high schools. Tom worked with Westlake High School Revit students on their Urban Renew Design, while Matt was at Berea-Midpark High School providing feedback to STEM students on their earthquake-resistant shelter designs. The students presented their proposals to local A/E/C professionals, including Matt, for feedback. There were definitely future engineers in that class. R.E. Warner is proud to support our team members' efforts to mentor future engineers.



Senior Structural Designer Tom Kunsman

Senior Project Manager Matt Benovic, PE, SE, LEEP AP

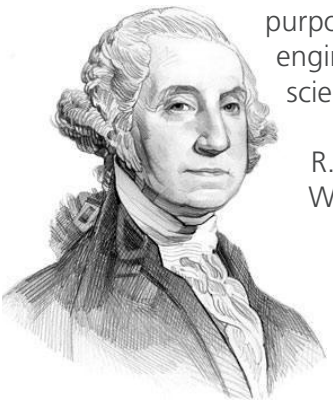
DID YOU KNOW?

DISCOVER ENGINEERS WEEK

FEBRUARY 19-25, 2017

The celebration of National Engineers Week was started in 1951 (the same year R.E. Warner was founded) by the National Society of Professional Engineers in conjunction with George Washington's birthday. President Washington is considered as the nation's first engineer, notably for his survey work.

In the United States, National Engineers Week is always the week in February which encompasses George Washington's actual birthday, February 22. It is observed by more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies. The purpose of National Engineers Week is to call attention to the contributions to society that engineers make. It is also a time for engineers to emphasize the importance of learning math, science, and technical skills.



R.E. Warner celebrates all that our engineers and entire staff contribute to our community. We are proud to work together to help others.

NEWEST TEAM MEMBERS

R.E. Warner welcomes the following new team members, adding to the strength and tradition of our growing organization.

DWAYNE R. HUSTON // SENIOR PROJECT MANAGER

Dwayne R. Huston joins R.E. Warner as a Senior Project Manager. Dwayne holds a BS in Electrical Engineering – System Simulation and Controls Concentration from the University of Akron and has more than 19 years of design, management and construction administration experience. He has served as a senior level manager overseeing international and domestic projects and project teams with large capital budgets from $5 million to $40 million for the steel, aluminum, rubber and process chemical industries. He has developed cost estimates, architectural, engineering, procurement, project controls, and construction management contracts. His areas of specialization include domestic and international project management, electrical engineering, steel, seamless tubular pipe, front-end loading project delivery, telematrics, radio-frequency identification, GPS, fleet management, sales, rubber, research and development, control systems, automation, robotics, Six Sigma, lean manufacturing, failure mode and effects analysis, European directive machine safety and European conformity marking. He resides in Fairlawn.

BARNEY OLSON // SENIOR PROCESS ENGINEER

Barney Olson joins R.E. Warner as a Senior Process Engineer. Barney holds a Bachelor of Science in Chemical Engineering from Case Western Reserve University and has more than 35 years of integrated mechanical and process design experience. He has performed in the capacity of process design engineer, field supervisor, project engineer, and project manager. His experience has included overall conceptual design and process layout for new plants and expansion projects, installation supervision and troubleshooting of new and existing operations, and development of operating procedures and operator training for custom processes. His experience spans the following areas of expertise: batch plant design and installation projects; milling and packaging system design; plastics extrusion and compounding of CPVC, thermoplastic and thermosets; fiberglass batching, forming packaging, and material handling; gel coat manufacturing and plant design; metal oxide catalyst manufacturing and plant design; HF acid etching, handling, and waste neutralization; dilute and dense phase pneumatic transport; dust collection and scrubber systems; wastewater treatment systems; and cooling tower systems. Barney has developed design for and supervised installations across a spectrum of projects ranging from $1 million to $75 million for clients in the petroleum, rubber and process chemical markets. He resides in Avon Lake.

AL AMY // PROJECT DIRECTOR

Al Amy joins R.E. Warner as a Project Director, responsible for building and maintaining relationships with new and existing clients in the Automotive & Manufacturing and Power sectors. Al has been in the construction industry for more than 40 years. He has experience in all phases of industrial construction, maintenance and facility management. His specialized expertise includes tooling and equipment installations, compressed timing tasks, scheduling and planning. Most recently, Al was a Senior Business Development Manager at Rudolph/Libbe, where he worked for nearly 20 years. Prior to that, he was a project manager at a nuclear power generation company. He studied business at Kent State University. Al resides in Mantua.

MILESTONE ANNIVERSARIES

"PACIFICO" PENNY DANNUG CELEBRATES 5-YEAR ANNIVERSARY WITH R.E. WARNER

"Pacifico" Penny Dannug joined R.E. Warner on February 16, 2012 as a Mechanical Design Engineer.

He works with our project team members to assist with the preparation of mechanical drawings, specifications, scope of work and bill of materials for a variety of industrial projects. He performs design calculations and analysis to resolve standard analytical problems.

"Penny is well known throughout the organization for the quality of his work and for his penchant for accuracy. He has been a valuable contributor on most of the larger projects executed by R.E. Warner in the last five years" - Bob Kovatich

He holds a BS in Mechanical Engineering from Colegio de San Jose University and has more than 30 years of diverse experience. His experience includes equipment arrangement, design of process and utilities piping, plumbing, drain and fire protection systems for industrial and process plants, as well as material handling, product design, and reviewing vendor drawings, specifications, and code review. He is proficient with AutoCAD, Intergraph MicroStation and Bently SmartPlant 3D.

MILESTONE ANNIVERSARIES

MATT BARRATT CELEBRATES 10-YEAR ANNIVERSARY WITH R.E. WARNER

Matt Barratt recently celebrated his 10-year anniversary with R.E. Warner. Matt was originally hired on September 29, 2006 as a Senior Electrical Engineer.

After leaving the company to pursue an opportunity at another company, he rejoined our firm as Mechanical Department Manager responsible for recruiting, hiring, developing and maintaining a high quality, well-motivated staff to achieve the company's business and technical goals.

In 2015, Matt was elected to serve as a new representative on the Board of Directors for a three-year term and appointed Director of Operations responsible for the supervision and leadership of all technical departments.

Earlier this year, Matt became Vice President and Principal of the firm. He is our firm's Corporate Health & Safety and EEOC Officer, and is Project Officer for the Process Market.

Matt holds a Bachelor of Science in Electrical Engineering from Case Western Reserve University, is pursuing a Masters in Mechanical Engineering, is a registered Professional Engineer in the State of Ohio, and is a LEED Accredited Professional with more than 18 years experience in the design and installation of power, control and mechanical systems.

Matt resides in Olmsted Falls with his wife Natalie, who is a professor at Baldwin Wallace University teaching biology and botany. They have two kids, Claire (a freshman at Case Western Reserve University) and Noah (8th grader at Olmsted Falls). Matt's interests outside of work include running marathons, skiing, bike riding, hiking and guitar.

R.E. WARNER CONGRATULATES PRESIDENT & CHAIRMAN ON 15TH ANNIVERSARY OF SERVICE

January 2, 2017 marked the 15th anniversary of service for R.E. Warner's President and Chairman of the Board of Directors, Ted Beltavski. Having launched his career with R.E. Warner in 2002, Ted has consistently delivered skillful, dedicated leadership on behalf of the company, as well as the professional success of our employees. He has served as Department Manager, Operations Director, Vice President and Member of the Board of Directors.

Since Ted was elected to lead the firm in 2012, he has successfully demonstrated a forward-thinking and growth-minded approach to business. For two terms, Ted has moved the company forward through the leadership of our people, developing a culture of physical and spiritual wellness, recruiting top talent, continuing our upward trajectory of increased revenues and profits, investing in cutting edge technology, and evolving ownership in our firm.

Ted holds both a Bachelor of Science and Master of Science in Civil Engineering from Cleveland State University, is a Registered Professional Engineer in Ohio, Alabama, Georgia, Indiana, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Nebraska, New Jersey, Oklahoma, Pennsylvania, Tennessee, Virginia and West Virginia and has more than 34 years of management and engineering experience, primarily for heavy industrial and power generation and transmission facilities.

Ted is active in numerous professional and civic organizations. He is past president of the Cleveland Engineering Society, the Association of Bridge Construction and Design, and the Cleveland Chapter of Legatus, an organization of Catholic business executives.

Ted is well respected by our clients and team at R.E. Warner for his leadership coaching techniques that inspire excellence at work and in life.

In his free time, Ted serves as a Martial Arts and Self-Defense Instructor. His philosophy for training involves utilizing engineering mechanics combined with martial arts techniques and principles to obtain optimum results through explosive physical and mental power. He holds a Master Level 6th degree black belt with 26 years of training in TKD and judo and is a certified USA weightlifting performance coach. He has served as volunteer self-defense instructor for the Cleveland Police Department. Ted has published a work entitled "Mystery to Mastery – The Martial Way of Leadership & Management."

Ted and his wife Tina, an operatic soprano, live in Strongsville with their four children, Maria a third year Cleveland Institute of Music student studying violin performance, T.J. a first year student and Offensive lineman at Ball State University, Luke age 14 and Gabriel age 12.

PROFESSIONAL DEVELOPMENT & CONFERENCES

R.E. WARNER ATTENDS ONE OF NATION'S LARGEST TRANSPORTATION CONFERENCES

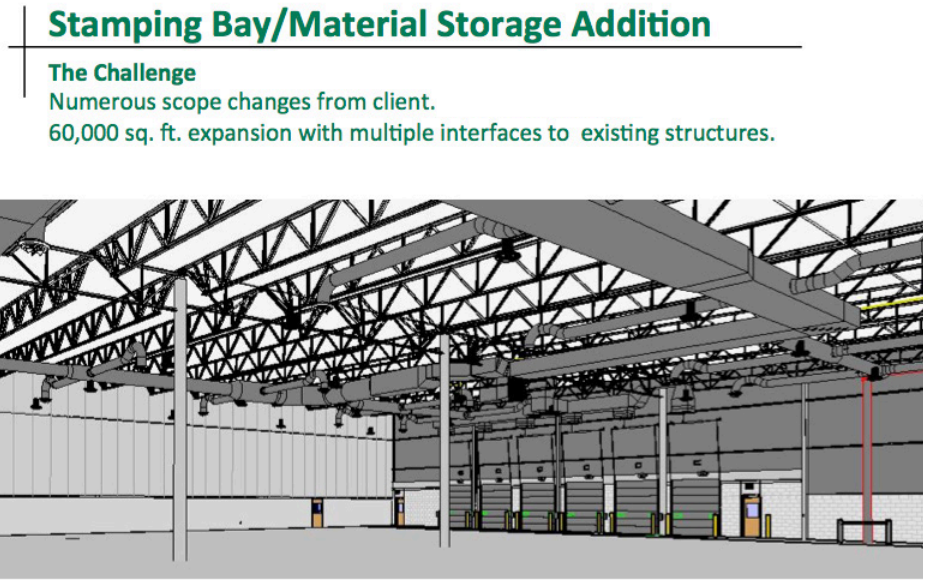
Doug Tober, Senior Project Manager in R.E. Warner's Civil Department, attended the Ohio Transportation Engineering Conference (OTEC) annual meeting on October 28 at the Greater Cleveland Convention Center. Doug met with transportation officials, government leaders and members of the academic community to share stories of innovation in this specialty area. This is one of the nation's largest transportation conferences, featuring exciting speakers, technical sessions and an exhibition hall.

NETWORKING AT THE CRAIN'S/MAGNET

This past fall, R.E. Warner's Brett Neff, Manufacturing Market Principal and Matt Benovic, Senior Project Manager, attended the Crain's Cleveland Business & Magnet- The Manufacturing Advocacy & Growth Network [M]Power Conference at the John S. Knight Center in Akron. "We enjoyed catching up with our manufacturing clients and hearing the latest on trends and challenges in the industry," said Brett.

SENIOR STRUCTURAL DESIGNER TOM KUNSMAN PRESENTS AT NORTHEAST OHIO REVIT USER GROUP MEETING

Tom Kunsman, Senior Structural Designer, presented to the Northeast Ohio Revit User Group's 3rd Annual "Hard Work Pays Off" meeting about one of our more challenging projects designed using BIM software and the benefits to the client. R.E. Warner is proud to be part of this group and exchange ideas on how the A/E/C industry can utilize this technology to achieve better outcomes for our clients.



NEWS OF NOTE

MENTORSHIP SERIES EVENT: THE PATH TO A CORNER OFFICE: CAREERS BEYOND DIRECTOR

Brett Neff, Senior Vice President, was a panelist at a Society for Marketing Professional Services (SMPS) Northeast Ohio mentorship event on December 13. He spoke about his professional growth path and shared tips with the audience to help them continue to develop their skill sets. The panel discussed what it takes to move up the corporate ladder to a director position. They heard about the added responsibilities of a high-level position, the differences in being a principal and an owner, what "buying into a company" really means, and the characteristics it takes to be a firm leader. Brett was joined by Jennifer Stull, Board of Directors, Osborn Engineering; Karen Roch, Associate Principal, Moody Nolon; and Melissa Lutz, Principal, Champlin Architecture.

MATT BENOVIC SPEAKS AT BENEDICTINE HIGH SCHOOL

Matt Benovic, Senior Project Manager, Registered Professional Engineer and Licensed Structural Engineer, provided a brief background of his high school and college experiences to students at Benedictine High School. Matt went around the room and to find out the engineering disciplines that interested each student and discussed them. Then, he shared the work R.E. Warner performs including recent projects, services provided, and how that applied to each discipline. This included several high visibility civil engineering projects recently completed in Cleveland, including the Hilton Cleveland Downtown Hotel, the Innerbelt bridge and the Euclid Creek Tunnel.

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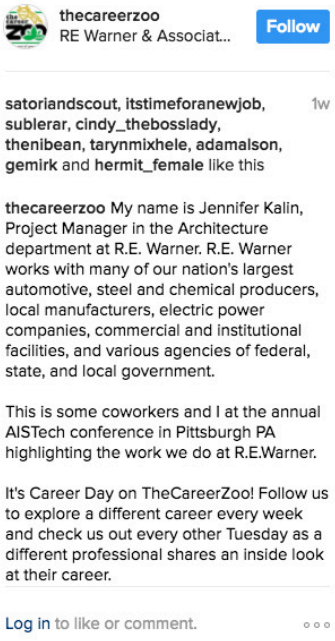
JENNIFER KALIN FEATURED ON THECAREERZOO'S INSTAGRAM "CAREER DAY" PAGE

Jennifer Kalin, Architechural Designer/Project Manager at R.E. Warner was highlighted on TheCareerZoo's "Career Day" feature on Instagram this past February. Throughout the day, TheCareerZoo posted pictures of Jennifer as they gave their followers an inside look into what she does as an architect.

To watch Jennifer's original interview, click here.



R.E. WARNER ATTENDS 2016 TRI-C PRESIDENTIAL SCHOLARSHIP LUNCHEON

We're proud to be among the long-term supporters recognized in the President's Circle for the Cuyahoga Community College Foundation's Presidential Scholarship Luncheon. The $1.3 million raised benefits local students with access to higher education benefits the individuals, our region and our industry.

On Tuesday, November 1, R.E. Warner's President, Ted Beltavski, and Senior Vice President, Brett Neff, attended the 24th Annual Cuyahoga Community College Foundation's 2016 Presidential Scholarship Luncheon. The program benefits scholarship funds for those who might not otherwise be able to access education at Tri-C. R.E. Warner has supported this initiative since 1994 and was recognized this year as a member of the President's Circle, an elite group of long-time donors to the scholarship fund. "We're proud of our involvement, having helped Tri-C to raise more than $17 million dollars for student scholarships since the program's inception in 1992," said Ted.

At R.E. Warner, a critical part of our company's vision, mission and values is to "make meaningful contributions to our community and our profession." While we are proud of the technical solutions we provide to our region, we are committed to improving the lives of those within the community as well. Helping to provide local students with access to higher education benefits the individuals, our region and our industry.

Over time, Tri-C's Presidential Scholarship Luncheon has become a high-profile event, featuring prominent keynote speakers and drawing more than 1,000 community and business leaders each year. Ted Koppel, who shared insight based on more than 50 years in journalism, delivered the 2016 keynote address.

SECOND E5 LEADERSHIP CLASS GRADUATES

R.E. Warner is proud to announce that our second E5 Leadership Academy class has graduated.

We know that our future success is contingent upon preparing our next generation of leaders. That's why we invest in the continual development of our staff. This year's class participants were (pictured above from left to right): Paul Winkler, Senior Structural Engineer/Project Manager; Dave Walls, Electrical Department Manager; Mitch Reynolds, Senior Mechanical Engineer/Project Manager; Matt Benovic, Senior Project Manager; Justin Haselton, Civil/Survey Department Manager; Jennifer Kalin, Architectural Designer/Project Manager; and Farres Sarrouh, Mechanical Engineer/Project Manager.

The E5 Leadership Academy is a leadership training program with a comprehensive approach to professional and personal growth. Of all the training programs out there, R.E. Warner has selected this curriculum because of its holistic philosophy. The E5 coaches teach others how to develop and maintain an overall equilibrium in the spiritual, emotional, mental, physical and financial facets of their lives so that they may perform to their highest potential.

Congratulations to the 2016 E5 Leadership Academy class!

COMMUNITY SERVICE

OPEN HOUSE & TOYS FOR TOTS CAMPAIGN RAISES MORE THAN $2,900

On November 9, R.E. Warner hosted our Third Annual Open House and Toys for Tots Benefit, raising more than $2,900 – nearly $1,000 more than last year – plus dozens of toy donations in support of Toys for Tots. More than 100 attendees spent the evening mingling, enjoying refreshments, shopping the Holiday Market, and bidding on Chinese raffle prizes like Cavs tickets, Browns tickets, Bose speakers, spa baskets, restaurant gift cards, and more.

R.E. Warner started this event three years ago, building on our team's existing Toys for Tots toy drive. In the spirit of the firm's calling to improve our community and the lives of those within it, our staff has found many ways over the years to support different causes such as this one.

When the idea of a company open house was mentioned, our staff proposed that the event do double duty as a Toys for Tots benefit.

All of the proceeds from this event support The Marine Toys for Tots Foundation, started more than 50 years ago by The U.S. Marine Corps to ensure our country's less fortunate children experience the magic of the holidays.

The ultimate success of Toys for Tots depends on the support and generosity of the people in our communities. If you made a monetary donation at our benefit, donated a toy, attended the event, purchased raffle tickets, or supported the Holiday Market vendors, we thank you for helping us bring joy to a child this holiday season.

Click to watch our highlight video of the Open House/Toys for Tots Benefit

R.E. WARNER VOLUNTEERS AT CITY OF CLEVELAND/MAYOR FRANK JACKSON'S HOLIDAY FOOD BASKET GIVEAWAY

R.E. Warner staff and their families volunteered alongside hundreds of others for City of Cleveland Mayor Frank Jackson's Annual Holiday Food Basket Giveaway on December 10. Our team was at the Cleveland Foodbank location helping to pack and distribute 563 bags containing essential holiday groceries for local families in need. This was our ninth year volunteering at this event.

OUR MISSION IS TO PROVIDE TECHNICAL SOLUTIONS THROUGH TEAMWORK AND A PASSION FOR SERVICE.

Since our founding in 1951, R.E. Warner & Associates, Inc. has experienced steady and continuous growth. Building on our traditional strengths and values, we have entered into new fields only when it is consistent with the basic mission of our company. Today, R.E. Warner is a full service, multi-discipline consulting firm serving both public and private clients.

We call ourselves multi-discipline because we offer professional services in civil, structural, mechanical, electrical and process engineering; architecture and planning; surveying; and environmental science and engineering.

Our impressive list of clients includes many of our nation's largest steel, automotive and chemical producers, electric power companies, health and educational facilities, and various agencies of the federal, state and local governments.

R.E. Warner's mission is to provide technical solutions through teamwork and a passion for service. Our areas of practice include buildings and facilities, industrial operations and process engineering, infrastructure, transportation, energy management, surveying, environmental and construction services.

In order to fulfill our mission to our clients, R.E. Warner consistently recruits, hires and retains the leaders in our profession. In recognition of our great workplace, R.E. Warner has been named a multi-year winner of the NorthCoast 99 Award, presented annually by the Employers Resource Council to the top 99 companies to work for in Northeast, Ohio.

We invite you to contact many of our peers to discover how working with R.E. Warner can be economical, efficient, professional and down right pleasant!

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ENGINEERS
ARCHITECTS
SURVEYORS
CONSTRUCTION MANAGERS

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