



And the winners are....

NECA Awards of Excellence

From the installation of energy efficient lighting control systems to structured cabling systems, electrical construction is critical to our daily lives. The most qualified electrical contractors in the Dayton area are members of the Western Ohio Chapter, National Electrical Contractors Association (NECA). The quality of their work is unsurpassed because their employees are the best trained, drug free, work force in the country. These outstanding craftsmen are members of the International Brotherhood of Electrical Workers (IBEW) Local 82. This issue of *Connections* is dedicated to showcasing the

projects and people that are essential to keeping us up-and-running.

Chapel Electric Co., LLC

Miami Valley Hospital South

Chapel Electric recently completed the Miami Valley Hospital South Tower expansion.

Miami Valley Hospital South Tower, located near the intersection of Wilmington Pike and Clio Road, just off I-675 in Centerville, Ohio, has experienced rapid growth since it opened in 2007. Originally offering outpatient care and a full Emergency Department, this facility added Sports Medicine and outpatient

surgery in 2008 and expanded to a ten bed inpatient Hospital in 2009.



Miami Valley Hospital South

Opening in 2012, the South Tower project doubled the physical size of the existing hospital. This \$51 million, 200,000 square-foot, 5-story tower offers a first-floor dining area and conference space; 48 inpatient beds for spine and

joint surgery and medical-surgical care, along with a new Maternity Center that includes 16 spacious, private after-birthing suites, five labor and delivery suites and a Level II newborn nursery. The second and third floors of the Tower are currently shell space poised for conversion to an

additional 64 patient rooms in the future. In addition to the Tower, Chapel Electric is also currently in the midst of renovation of the existing hospital as it adds four new

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ESI Electrical Contractors

WPAFB Medical Center

The Wright Patterson Air Force Base (WPAFB) Medical Center is undergoing a major renovation. The Air Force budgeted up to \$115 million for the project. The medical center project will modernize 30 in-patient and out-patient departments, or about 250,000 square feet of the 1950s-era building with "state-of-the-art" facilities and consolidate major services.

The project, known as Gateway to Healthcare, is the

third and final phase of renovations since 2005 in the 780,000-square-foot facility with 60 beds. The latest work began in January with a completion date of November 2014. The scope of the work will include everything from remodeling medical residents' rooms to the kitchen and dining area, and renovations from a dental clinic to the intensive care unit.

The project will consolidate clinical, surgical, anesthesia and mental health areas and hospital and administrative management for easier patient access; and

Cont'd. pg. 2

Kastle Electric

Premier Health Partners

Premier Health Partners purchased its new headquarters building last April at 110 N. Main Street and began renovations. The 300,000-square-foot building has tenants on several floors — including a few retailers and a sandwich shop on the ground floor — but it lost its largest tenant when Fifth Third vacated. The move by Premier will provide a boost to the city's core. Over 1,000 employees will occupy the building which will house all of

their corporate administration functions.

The Dayton-based hospital network operates Miami Valley and Good Samaritan hospitals and Atrium and Upper Valley medical centers and provides primary, specialty and home health care. Premier has more than 14,000 employees and 2,300 physicians, making it the second-largest employer in the Dayton region and the largest hospital system.

The move allows the health network to save money by owning rather than renting space downtown and provides

Cont'd. pg. 3

Chapel Electric *cont'd*

OR suites and a new Central Sterile. With the South Tower expansion, the hospital will add 100 new jobs to its staff of 200 full-time employees.

To meet the current and future energy needs of this rapidly expanding medical facility, this project also added a 6,000 sq. ft. free-standing Central Energy Plant. It houses a new 5,000 amp service, two new 1500kW generators, five new Automatic Transfer Switches, a Flywheel UPS along with two new Chiller units.

Chapel Electric's Project Manager on this expansion was Lance Beck and the General Foreman was Nick Ames. The off-site pre-fab operation was managed by Joan Fultz and Rick Mullins. Rick is also currently the Foreman on the OR suites and Central Sterile projects.

This project is the latest in Chapel Electric's continuing commitment to the healthcare community, both in the region and across the country. Their healthcare project experience encompasses a wide range of types; from small and relatively simple medical clinics to large and complex teaching and research hospitals.

Locally, Chapel Electric's other current and or recently completed major medical facilities include:

- Arlington Virginia Hospital
- Atrium MRH Medical Center

- Behavioral Health Care @ MRH
- Bidwell Ambulatory Care Center @ MRH
- Cedarville Health Sciences
- Clinton Memorial Hospital
- Community Tissue Services
- Dayton Children's Hospital @ MRH
- EPI Rehabilitation Hospital
- Grandview Hospital - West Wing
- Good Samaritan Heart Hospital
- Good Samaritan Hospital renovations
- Kindred Hospital
- Miami Valley Heart Hospital
- Miami Valley Hospital renovations
- Miami Valley Hospital - NICU
- Middle Tennessee Med. Center
- Monroe Carell, Jr. Children's Hospital @ Vanderbilt
- MRB IV @ Vanderbilt Hospital
- Soin Medical Center
- Southview Outpatient Surgery
- Southview Hospital renovations
- Springfield Regional Medical Center
- Upper Valley Medical Cancer Center, Phase II
- VA Medical Center renovations
- VUISS @ Vanderbilt Hospital
- WPAFB - Hospital ED Renovations

A member of Quebe Holdings, Chapel Electric Co., LLC, founded in 1946, has ventured into a variety of different market sectors to become one of the nation's leading electrical contractors. Chapel-Romanoff Technologies LLC, (CRT), provides comprehensive communication, electronic safety and security, monitoring systems and consulting technologies; including IT services such as systems design and custom application development.



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Your comments, suggestions and questions are welcome! Contact the Western Ohio Chapter - NECA.

e-mail: wocneca@choiceonemail.com
website: www.wocneca.org
phone: 937-299-0384
fax: 937-299-7322

ESI *cont'd*

redesign and renovate a kitchen and dining area. Business and other support services will move to the basement. The medical center treats more than 300,000 patients a year with a staff of 2,200 military and civilian employees

ESI Electrical
Contractors are performing the



ESI updates the WPAFB Medical Center (photo - DDN)

necessary electrical system upgrades to the facility, including:

- Replacing all the primary cabling throughout the Med Center.
- Rebuilding two 12,470kv generators and their associated controls.
- Replacing double ended substations and switchgear.
- Installing new Life Safety and Emergency Power Distribution Systems.
- New Intrusion Detection, Access Control, and Nurse Call systems.
- Renovating - ICU, Lasik Eye Procedure, Food Service / Dining, Central Sterile,

Dermatology, Nuclear Medicine, Orthopedic, Dental Clinic, Perinatal, ENT, Mental Health Department, Sleep Labs, all the Surgery/ Operating Rooms, and several different Administrative Areas.

Renovations are always a challenge, but this particular project has many. This is a 100% functioning hospital and must remain that way throughout construction, so it is vital that their day-to-day procedures/ operations are not disrupted.

ESI has assembled an experienced team that can handle these challenges, which combined has over 50 years of Healthcare experience: Andy Fogt – Onsite Project Manager; Bill Root - Project Superintendent; Kevin Murphy – General Foreman; and Josh Clements –

Coordination/CAD.

ESI Electrical Contractors provides electrical installation for both new commercial and industrial facilities as well as renovations. They have the ability to encompass the entire range of interior and exterior electrical projects, including both high and low voltage work. Their project diversity and range of service include hospitals, schools, process control, power generation and manufacturing, just to name a few. ESI has been serving the Ohio, Kentucky and Indiana areas since 1966.

Wagner Industrial Electric

Honda Transmission Manufacturing of America: High Pressure Die Cast Expansion Project

Honda Transmission Manufacturing of America, Inc. in Russell's Point, Ohio, began producing automatic transmissions in 1997. They produce approximately 800,000 automatic transmissions annually for use in Honda's assembly plants in Ohio and Canada.

Honda announced last year that they would invest \$120M for the production of a new continuously variable transmission (CVT) at their Russell's Point, OH facility and

add 120 new workers. The plant will grow by 75,000 square feet, which is in addition to a 200,000-square-foot expansion that Honda previously had announced.

ACVT leads to higher fuel economy and lower emissions. Unlike a typical transmission, a CVT has no gears. It uses a system of pulleys to change speeds

Auto analysts are eager to drive vehicles with the new CVT, which will make its debut in the 2013 Accord this fall. Such transmissions are being used by Nissan and Subaru,

among others, but they are still a novelty in the auto industry as a whole.



Honda Transmission plant expansion.

As a part of this modernization and expansion, Wagner Industrial Electric is installing five unit substations, 15KV distribution, 4160V feeders, 600V distribution, lighting, fire alarm, CCTV, access control, public address and standby generator

installations at the Russell's Point plant.

Wagner Industrial Electric (WIE) specializes in industrial electrical construction and maintenance services for the automotive, power, steel, and renewable industries. They provide electrical design and construction services in a safe, reliable and efficient manner.

WIE delivers quality and commitment from proposal to system turn over. WIE's longstanding core group of field supervisors and project managers provide field supervision for projects with manning requirements ranging from 5 to 500+ craftsmen. Management, supervision and manpower are critical to all projects.

Chapel-Romanoff Technologies, LLC (CRT)

Indu and Raj Soin Medical Center

The Indu and Raj Soin Medical Center is part of the Kettering Health Network and will be one of only five universal care



Indu and Raj Soin Medical Center

units (UCUs) in the country where patients can be held for up to 24 hours between diagnostics and surgery, for pre- and post-operative care, or for emergency care in ED overflow. The \$120 million facility was designed by HOK and Jain Malkin Inc.

Located on a 22-acre site in the Dayton suburb of Beavercreek, Ohio, the 275,000

sq. ft., 113-bed facility includes emergency care, general surgery, interventional medicine, a birthing center, critical care, medical imaging and cardiovascular diagnostic services.

Building technologies were effectively leveraged to enhance operational demands within the Medical Center by installing the following critical care systems:

- IP video surveillance
- Paging System
- Structured Cabling
- Nurse Call Infrastructure
- Infant Security
- Access Control

CRT Foreman Dan Flohre recently completed formal Electrical Project Supervision (EPS) training prior to the start of this project. This promoted the effective use of pre-planning and productivity tracking techniques in support of the lean construction and reverse phase scheduling utilized. Consequently, this project opened to the public, three months ahead of schedule.

Kastle Electric, *cont'd*

a more modern work environment for employees. The 173,000 sq. ft. of renovations was completed in four and a half months. Kastle Electric played a critical role in this project by replacing 99 percent of the lighting, using programmable LED lights which provide extensive energy savings; and upgrading the fire alarm system for the entire building.

"This was a challenging project," says Kastle Superintendent Tim Pruitt. "There was a great deal of work to be accomplished in a short amount of time." Kastle had 40 electricians onsite at the peak of the project. A

thanks to IBEW Local 82 for providing the skilled workers required to complete this project.

For more than 80 years the Kastle name has stood for comprehensive electrical contracting services with unsurpassed dependability. Today, The Kastle Group remains on the leading edge of services supporting the distribution and consumption of electricity and digital data. Separate Kastle divisions dedicated to



Premier Health Partners headquarters in downtown Dayton.

electrical system installation, ongoing maintenance, high-speed data structured cabling systems, and renewable/green energy systems serve customers throughout the Midwest.

Outstanding Performance Awards

Rick Mullins **Chapel Electric Co., LLC** **Foreman**

Rick Mullins has been with Chapel Electric since May, 2006. In April, 2011, working with Pre-Fab Manager Joan Fultz, Rick took the lead role in our off-site Pre-Fab operations for the Miami Valley South Tower project. The corridors and patient restrooms for this project were constructed in an off-site warehouse, complete with all MEP rough-in and later transported to the site and swung into place. Skanska Shook utilized this type of multitrade prefabrication to minimize the amount of noise, time, and disruption to the active hospital.



Rick Mullins

After the Pre-Fab process was complete, Rick moved out to the project site and took charge of the first-floor dining area project. In February, after the tower completion, he led the renovation of the existing hospital and he worked side by side with John Shannon to help complete the two-story OB unit. Currently, Rick is heading up the addition of the new OR suites and the new Central Sterile.

Rick is an excellent craftsman and a well-organized, prepared electrical foreman, making him a deserving recipient of the Outstanding Performance Award.

Rob Wilson **ESI Electrical** **Contractors**

Rob has been working for ESI since 2009 and has proven to be a leader in the industry.

His diversity and knowledge of all the different systems which the industry requires, has set him apart. Rob has completed many types of installations since he began working for ESI including working on: Bio laboratories; Mass Notification Systems; and Access Control and Intrusion Detection Systems; as well as installing basic lighting and power systems.



Rob Wilson

Rob's most recent accomplishment is his attention to safety. He is currently working on the Wright Patterson Medical Center project where he just received an Outstanding Safety Award from the Prime Contractor on the project, Walsh/Butt Construction Joint Venture (WBJV). Their award states, "We are pleased to identify Rob Wilson as the first safety award winner for September, 2012. We have witnessed and observed Rob work on this project and we appreciate the safe work practices Rob adheres to and the effort he makes to promoting a safe workplace. The WBJV wishes to thank Rob Wilson and ESI for adding to the safety culture on the WPAFB Medical Center Project in a positive way. ESI is proud to have Rob as a member of our team!"

Dan Flohre **Chapel-Romanoff** **Technologies, LLC** **Foreman**

Dan Flohre started with Kastle Technologies in 2002 as a cable puller and was accepted into apprenticeship in 2004.

In 2006, Dan joined CRT Technologies and completed his apprenticeship in 2007, at the top of his class. He has actively pursued continuing education opportunities to enhance his professional knowledge and career. Some of Dan's current certifications include: Lift & Platform; Confined Space; OSHA 30; BICSI Technician; Valcom Paging; Panduit Ortronics; and ESP Train-The-Trainer, to become a Foreman.

Dan started running work in 2007. His first project was with Turner, remodeling the WPAFB Hospital then completed two additional base projects: WPAFB Signature Lab and Building 17 remodel. Upon completion of these projects, Dan was Foreman at the Community Tissue Service building and was assigned to oversee the Indu & Raj Soin Medical Center Project, Beavercreek Hospital. He moved on to become the foreman of the current Grandview Medical Center additions.

Dan is a leader who represents himself, his crew, employer, and his customers in a professional manner and truly enacts the guidelines of the IBEW Code of Excellence.



Dan Flohre

The Western Ohio Chapter - National Electrical Contractors Association Directory:

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Aztec Electric, Inc.
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Western Ohio Chapter - NECA
3131 South Dixie Hwy. Ste. 415
Dayton, OH 45439