



CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



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Chapel expands *Dayton Children's Hospital*

Dayton Children's Hospital recently announced the construction of a new, five-story specialty care outpatient center projected to open in 2023 at the hospital's main campus. Electrical installation for the building is being performed by Chapel Electric. The \$78 million construction project includes four floors for outpatient clinic space and a fifth floor shell space for a total of 152,000-square feet. Chapel Electric will be installing all the electrical systems for the project including LED lighting, power, and fire alarm systems. Chapel has teamed up with Kastle-Tech and CRT which will be installing all the low voltage

systems including data, security, and AV systems.

The new Ambulatory Building will provide the conveniences families are seeking in an outpatient



Dayton Children's new outpatient center.

setting—close-by surface parking, imaging and pharmacy services just steps away from clinics, and fully integrated orthopedic and sports medicine services with rehabilitation. Moreover, the design of this new facility will

enable the holistic, multidisciplinary care required to improve health outcomes and enable the flexibility and efficiencies needed to reduce appointment wait times and improve access to specialty care, whether in person or virtual.

Chapel's project team includes Kenny Lowery (Project Manager), Matt Fore (General Foreman), Cody Hess (Foreman), and Dennis Jakubs (Foreman). This team is supported by an outstanding group of journeymen and apprentices.

Since 1946, Chapel Electric, an EMCOR Company,

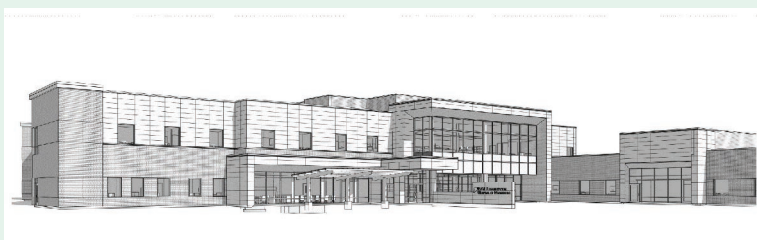
has provided state-of-the-art electrical and technology systems or construction; modernization and renovation; and 24/7/365 service and preventative maintenance. Chapel brings technical knowledge, experience, and resourcefulness to the delivery of their services. Chapel participates in all major market segments, including healthcare, education, commercial, sports, mission critical, industrial processes, and retail. Driven by a commitment to continuous improvement, Chapel embraces Virtual Design Construction, Green Building Construction and Lean construction methods to improve efficiency and enhance client value.

ESI takes on new rehab hospital

Post Acute Medical is building a 46,000 square foot, \$18 million rehabilitation facility on a nearly 5.2-acre property on the southeast corner of Alexandersville Road and Crosspointe Drive in Miamisburg, Ohio. The rehab hospital will focus on increasing strength and endurance and improving quality of life for patients who no longer need full-fledged hospital care but are not ready to return to their homes following an

injury, illness or surgical procedure.

pulmonary disease, orthopedic conditions, spinal cord injury



New rehab hospital in Miamisburg.

That includes, but is not limited to, stroke, brain injury, neurological disease and deficits, amputations,

and medically complex conditions. The new hospital also will have inpatient and outpatient services. The typical

patient stay is between 10 and 14 day.

The facility will feature 42 short-term and 18 long-term beds. The project will bring a new health option to the region, as well as create new jobs and potential work for local contractors and suppliers.

One of those contractors is ESI Electrical Contractors. Their scope of work includes: electrical utilities, feeder conduit, wire, and terminations; distribution equipment, lighting and controls, general power,

Skills USA *competition held in Dayton*

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. They help each student excel. A nonprofit national education association, SkillsUSA serves middle-school, high-school and college/postsecondary students preparing for careers in trade, technical and skilled service occupations.

Mission Statement: SkillsUSA empowers its members to become world-class workers, leaders and responsible American citizens. We improve the quality of our nation's future skilled workforce through the development of SkillsUSA Framework skills

that include personal, workplace and technical skills grounded in academics. Our vision is to produce the most highly skilled workforce in the world, providing every member the opportunity for career success.

SkillsUSA serves more than 333,527 students and instructors annually. This includes 19,019 instructors who join as professional members. Including alumni, SkillsUSA membership totals over 394,000. SkillsUSA has served nearly 14 million annual members cumulatively since 1965 and is recognized by the U.S. Department of Education and the U.S. Department of Labor as a successful model of employer-driven workforce development.

Each year, competitions are held in various categories, at the Regional, State and finally the National level to reward those students who have excelled in their field. The Career Centers in Dayton and the surrounding area are part of the Southwest Ohio region and include Greene County Career Center, Kettering Fairmont High School, Springfield/Clark CTC, Upper Valley CTC, Miami Valley CTC, Ponitz Career Tech Center and Scarlet Oaks CDC in Cincinnati, just to name a few.

The Southwest Regional competition was held on February 18 at various facilities. The Industrial Motor Control and Electrical Construction

wiring contests took place at the Dayton Area Electrical JATC. For the Industrial Motor Control competition, students demonstrated their knowledge of electrical principles, equipment and industry standards, as it relates to the design, installation and troubleshooting of industrial motor control circuits. For the Electrical Construction Wiring, contestants had to complete a written test covering NEC standards and participate in a hands-on conduit bending, installation of a conduit system, cabling system and wiring devices. The Gold winner for Industrial Motor Controls is Gabriel Morrison from Greene County Career Center, and the Gold winner for Electrical Construction Wiring is Aiden Shappie from the Upper Valley Career Center.

ESI, cont'd

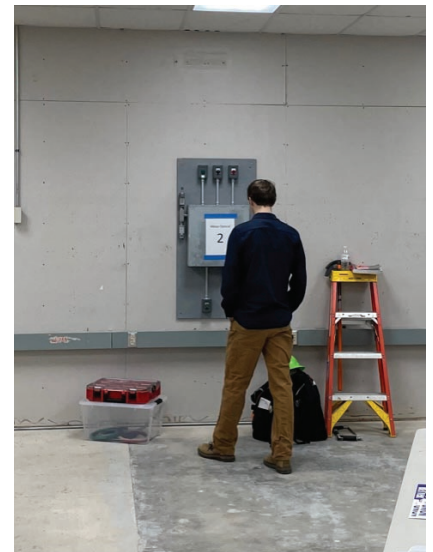
generator back up, fire alarm systems, teledata rough-in and cabling, nurse call, security and AV cabling.

Project Manager is Scott Whip and the General Foreman is Chris Spencer. The general contractor for the job is EMJ Corporation.

Since 1966, ESI, Inc. has been providing industry-leading electrical construction services across Ohio and the surrounding region. Their expertise in design-assist, estimating and preconstruction helps them exceed their customers' expectations by safely completing projects on time and within budget. With locations in Cincinnati, Cleveland, Columbus and Dayton, ESI is a proud partner in growing and developing communities across the region.



Left and below, Competition for Electrical Construction Wiring. Right: Competition for Industrial Motor Controls.



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

website: www.wocneca.com
phone: 937-299-0384

Dennis Severance new BICSI North Central Regional Director

President of Chapel Romanoff Technologies (an EMCOR Company), Dennis Severance was recently sworn in as the BICSI North-Central Regional Director at the 2022 BICSI Winter Conference and Exhibition in Orlando, FL, January 30- February 3. With over 30 years experience in the electrical construction field, Dennis has always been an avid supporter of BICSI certifications for his employees. He was instrumental in establishing a BICSI training facility at the Dayton Area Electrical JATC Apprenticeship program. Dennis was appointed board liaison for Technical Information and Methods (Technical Manual). This committee is responsible for writing and updating the BICSI design and installation technical manuals.

What Is BICSI?

The BICSI is a set of standards and best practices defined by the Building Industry Consulting Service International (BICSI). It defines standards in the areas of information technology and telecommunications. Technologies covered are electronic safety and security, data and voice technologies, as well as audio and video technologies. The BICSI standards also extend up to wireless systems and the areas of copper and optical fiber systems. BICSI certification is indicative of the highest level of information and communications technology (ICT) knowledge, skill and service that you can find in a technician.

BICSI was founded to aid in the standardization of IT systems, which includes a broad spectrum of voice, data,



Dennis Severance at the 2022 Winter Conference & Exhibition in Orlando.

audio/video, electronic security, and project management technologies. Specifically, it offers training and certification in the following fields: Cable network design, Cabling installation, Electronic safety and security, Project management, Data center design, and Outside plant.



Swearing in of Dennis Severance as the BICSI North-Central Regional Director.

In short, BICSI is the de facto standard for cable installers and designers who specialize in low voltage electrical services, specifically when it comes to complex voice and data cable layouts.

Employing a BICSI-certified technician means that this individual has an impressive knowledge in a designated area of ICT design and installation. These technicians undergo rigorous examinations and are required to have considerable industry experience as well as demonstrate their knowledge of ICT systems. When you have this kind of technician working for you, you can rest assured that they know exactly what they're doing. They know the ins and outs of ICT systems and will provide you with only the highest quality work.

The 15th Annual Cabling Skills Challenge also took place at the conference. The winner this year is Michael Ratliff of

Glaze Community Services. *The migration towards smart, mobile devices supporting a vast array of building and user functions, creates a revolution which has changed traditional building technologies.*

IP-based solutions have expanded well beyond traditional voice/data



solutions, and are integral to many organizational operations – information transport system, safety, security, building management, in-building wireless and mass notification. While implementing solutions for clients in diverse industries with unique technology needs and challenges, Chapel-Romanoff Technologies provides infinite possibilities when it comes to harnessing technology solutions for success.



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 Kastle Technologies
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Dayton, OH 45439

Maxwell protects the Ovation Project

The Corporex Ovation project is a 25-acre urban mixed-use development sitting at the confluence of the Ohio and Licking Rivers in Newport, KY. Ovation will grow over three phases to include approximately 1,000 residential units, 500,000 square feet of Class A office space, 524 hotel rooms, an Ovation Membership Club, and 125,000 square feet of retail and entertainment. Ovation will also have a freestanding, state-of-the-art health and wellness club with a full-service spa, group exercise classes, a heated elevated pool and more.

Maxwell Lightning Protection is providing the grounding for the huge parking garage and future condos, apartments and store fronts. 99 grounds and ground loop/grid and test wells are being installed in the new complex. Maxwell is a subcontractor under Ohio Valley Electric. The primary challenge for Maxwell is to stay ahead of concrete pours, so they are in constant touch



The Ovation project.

with Ohio Valley to schedule their grounding installations prior to the pours.

The Residences at Ovation include 88 boardwalk residences with parking garage access, valet and vehicle detailing services, private elevator access, on-site security, refined floor-plan options, high-end appliances and unparalleled views from balconies located at the end of each home. However, this lifestyle comes with a pretty big price tag for condos, about \$1 million.

The first phase included the PromoWest Pavilion, a \$40 million, 38,000 sq. ft. concert venue that accommodates indoor audiences of up to 2,700 and an outdoor capacity for the summer shows of up to 7,000 concert-goers.

Corporex is a national development and investment firm based in Covington, KY with a 56-year history of developing world-class hotels, offices, residential and mixed-use developments in 17 states across the U.S.

For over fifty years, Maxwell Lightning Protection Company has been actively engaged as a U.L. listed and approved lightning protection contractor. In addition to lightning protection, they are specialists in cathodic protection, both sacrificial and impressed current; sophisticated high explosive area grounding systems, both underground and building interiors. Their services also include estimating, design and engineering.