



CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



Published for members of NECA, Western Ohio Chapter • IBEW Local 82 • Miami Valley Business Community

October, 2017

CRT and Sidney Electric upgrade ALBAT

The American Line Builders Apprenticeship Training (ALBAT) Center in Medway, Ohio, has been renovated and expanded to provide state-of-the-art classroom technology, lodging for a growing student base, and additional overhead and underground facilities to meet the needs of a demanding industry.

Because today's students, instructors and lecturers aren't always able to make it to a classroom, and because learning is sometimes most effective in the field, this facility takes advantage of the latest audio/video (AV) technology. The low-voltage and AV systems installed by Chapel Romanoff Technologies (CRT), Dayton, Ohio, enable the program to reach beyond the confines of the classroom. Automated LED lighting and controls, along

with backup generation provided by Sidney Electric, Sidney, Ohio, complement the technology used at ALBAT's campus.



ALBAT simulates a transmission system for training on high-voltage systems including an 80-foot steel lattice tower and wooden pole structures.

The ALBAT program has been growing in part because the industry needed more outside electrical apprentices in the field. ALBAT has approximately 1,200 students in its program from eight states and Washington, D.C. ALBAT is jointly sponsored by NECA's

American Line Builders Chapter and signatory International Brotherhood of Electrical Workers (IBEW) Local Unions in Districts 4 and 6 to train for the outside electrical industry.

Cutting-edge connectivity

ALBAT developed and installed transmission and distribution systems to simulate the reality of electrical power systems installed throughout the world. Its overhead and underground systems include wood and steel poles, cabling and other steel structures. ALBAT simulates a transmission system for training on high-voltage systems. That includes an 80-foot steel lattice tower and

wooden pole structures on the property.

CRT, an affiliate company of Chapel Electric, Dayton, installed the AV support in each classroom and the administrative office conference room. The result is video and audio connectivity that goes well beyond the average classroom. "The three classrooms have large screens that enable presentations, training material and internet-based content to be displayed for the classroom," said Mark Cohea, AV division manager, CRT. The systems include all AV, voice/data infrastructure cabling, access control, and a CCTV system with cameras distributed throughout the campus. With the enhanced system, an instructor can teach those in the classroom while others watch remotely.

Cont'd pg. 2

Jeff Collins inducted in Academy of Electrical Contracting

Fellowship in the Academy of Electrical Contracting is one of the highest honors bestowed upon an individual in this industry. Congratulations to Jeff Collins, President of York Electric, who was installed on Sunday, October 8 at the General Session of the NECA 2017 Seattle Convention and Trade Show in Seattle, WA.

The Academy of Electrical Contracting is one of the most prestigious affiliations within the industry. It recognizes exceptional leadership, outstanding service, and numerous years of dedicated effort in the electrical contracting field. Fellowship in the Academy is the single, highest honor in the electrical industry that may be bestowed upon a NECA member.



Jeff Collins

The Academy of Electrical Contracting was established in Philadelphia on October 11, 1968. The Academy members contribute to the future of the industry through special papers they prepare on aspects of electrical construction in which they have expert knowledge. Fellows of the Academy also research trends and make recommendations for future requirements in the industry.

ALBAT, cont'd.

State-of-the-art systems

Students are often videorecorded while learning proper climbing technique. ALBAT instructors analyze captured video, providing immediate feedback to the student in the field. Through its campus network, video can be shared with others.

Students can also use the technology to communicate directly with an instructor off-site. If they need to have a technical conversation, the instructor can see and hear the student, and supplement that conversation with the simultaneous use of other software applications.

All electronic systems have backup power support. CRT provided and installed UPS systems for each conference and training room to keep systems running. During an outage, those systems provide uninterrupted power to campus computers and AV equipment throughout

the transfer cycle of a starting generator.

Sidney Electric

"Sidney Electric installed all lighting and power for the new dormitory and training facility, including the three classrooms," said Ted Michel, Sidney Electric Estimator and



Project Manager. The system consists of more than 300 lighting fixtures, as well as the controls to manage lighting and occupancy sensors. For both lighting and power, the company installed 18,000 feet of conduit and 80,000 feet of cable. The 800-ampere electric service delivery for the building originated at the utility company pad-mount transformer

For backup power, the

company installed a 100-kilowatt Kohler natural-gas-fueled generator. Sidney Electric also installed a Secutron MR-2100 fire alarm system for the dormitory and training center, while another independent system covers the rest of the campus.

The work began for Sidney Electric in March 2015 and was completed one year later in March 2016. The company had five men on-site at peak. Michel said the greatest challenge was working with the building's masonry. "This type of construction takes a high level of coordination between the electrical and masonry contractors to ensure that all boxes and conduits are installed at the correct locations as specified on the drawings," he said.

This facility reflects ALBAT program's commitment to excellence in training and safety in the outside electrical industry.

-excerpts from Clair Swedberg, ECmag, June, 2017



Doug Rigsbee

Congratulations to Doug Rigsbee at CRT for completion of the requirements to become a Certified Technology Specialist-Installation (CTS-I). Certification includes using management techniques to conduct pre-installation activities and site rough-in, installing AV systems, performing system close-outs, and conducting ongoing project responsibilities to provide the best AV solutions for clients' needs, on time and within budget. Doug scored 422 out of a possible 500! Certified individuals adhere to the CTS Code of Ethics and Conduct and maintain their status through continued education.

Supporting 4 Paws for Ability



4pawsforability.org

The 14th Annual LMCC/IBEW/NECA golf outing took place on September 18 at Walnut Country Club. This year, proceeds from hole sponsorships and a 50/50 were donated to 4 Paws for Ability. Located in Xenia, 4Paws provides canine miracles for children with disabilities and veterans injured in recent combat, enriching their lives by providing trained service dogs for independent living, stability and companionship.

The Veterans Service Dog Program, started in 2010, was created to honor service



Executive Director Western Ohio Chapter NECA Mike Evans (left) with 4 Paws Development Director Kelly Camm, and service dog Lucy.

men or women who return from military service with a

Winners (from left): Tom Lambe, F.D. Lawrence Electric; Chuck Terry, ElectricCity; Mike Biggs, Chapel Electric; and Mike South, Chapel Electric. Thank you to all the sponsors!



disability such as a loss of a limb, balance issue, spinal injury, hearing impairment, TBI or PTSD. 4 Paws for Ability provides service dogs, at no cost to the recipients, to help these heroes lead more independent lives.



Western Ohio Chapter • National Electrical Contractors Association

October, 2017

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

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

Lakeside Lake ribbon cutting!

Phase one of the Lakeside Lake Clean-up was recently completed. A ribbon cutting ceremony was held on October 11, to celebrate the opening of the new park. Efforts by CityWide of Dayton, the Pineview Community, Ohio AFL-CIO members, and the Garden Club of Dayton threw their resources together to clean up Lakeside Lake, adjacent to the Veteran's Administration Medical Center.

Lakeside is a spring fed lake off Lakeside Boulevard which borders Gettysburg and US 35. The lake was once connected to the Lakeside

Amusement Park. Over the years, honeysuckle and other



Lakeside Lake Phase One ribbon cutting ceremony with Mayor Nan Whaley (center).

invasive species overgrowth have marred the beauty of the surrounding old growth trees and the vista into the lake from homes in the Pineview neighborhood.

CityWide of Dayton selected this area for cleanup

and beautification to boost the confidence of the community and the City's ability to attract additional investment to West Dayton. The first task was to coordinate with other stakeholders, including the Ohio AFL-CIO and the Union Sportsmen's Alliance (USA).

For the last several months members of the International Brotherhood of Electrical Workers (IBEW) Local 82 were joined by other volunteers to clear out the trash along the lake's edge and cut back the overgrowth surrounding the lake. Ironworkers Local 290 built a bench and park swing overlooking the lake.

Plasterers and Cement Masons Local 132 helped construct the fishing pier.

"The Lake Restoration project is only one element of a larger community development. This is a three year project which will include an enhanced entrance designed by the



Garden Club of Dayton. LED lighting will be installed under the overpass to showcase the lake. The VA also will initiate a project to change their front entrance so it aligns with the US 35 ramp, making its current entrance a dedicated historical walk.

Construction Career Expo

On October 3, 2017, the Miami Valley Building Trades Apprenticeship Group and the Miami Valley Alliance of Construction Professionals (MVACP) hosted over 650 high school students from 18 different schools, CTCs, or programs in the Miami Valley. The students came with 57 chaperones, including counselors and teachers. The 12th Annual Construction Career Expo was funded by the MVACP and hosted by the MV Building Trades Apprenticeship Group. The event was supported by 72 volunteers from 14 various building trades apprenticeship programs, Shook Construction Group, AGC, West Central Ohio Division and Dayton Builders Exchange.

The goal of the Expo is to inform students about career opportunities in the Construction Industry



through the apprenticeship training centers affiliated with the union building trades. The event was held again at the Operating Engineers Training Center in Miamisburg. The Operating Engineers Training Center features a beautiful facility sitting on 150 acres. There is a 16,000 sq. ft. all weather training arena. The

building is capable of handling various heavy equipment training exercises, rain or shine. The grounds surrounding the facility enable field training such as loader, dozer, backhoe, scraper, excavator and graders. There is also a 60,000 sq. ft. crane yard that accommodates CCO certification testing along with clamshell and pick and carry operations. Forklift practical exams and CDL maneuverability functions are also available.

Randall Fox, Executive Director of the AGC West Central Ohio Division presented a summary of the apprenticeship training and informed the groups of the day's events. Apprenticeship programs are looking for the

"best of the best", those who take their education serious and show up on time and ready to work. Several apprenticeship programs set up exhibitors' booths with hands on experiences. The students were able to pour plaster molds, participate in welding and torch cutting, perform virtual painting, and



try their hand at operating a backhoe and crane. For more information visit:

www.daytonapprenticeships.org.



Presorted
Standard
U.S. Postage
PAID
Dayton, OH
Permit 644

In This Issue

- ALBAT goes hi-tech
- Jeff Collins
- 4 Paws for Ability
- Lakeside Lake Phase I



www.wocneca.org

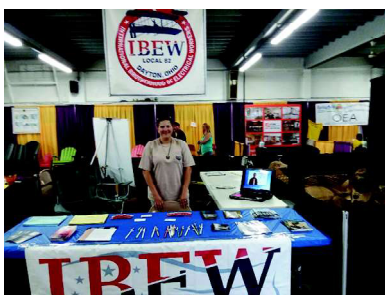


*JATC Training Director of
Dayton, Ohio Eric Gray.*



*IBEW Local 82 Business
Manager Greg Gust.*

The Clark County Fair took place from Friday, July 7 to July 23. IBEW Local 82 participated in the fair as an organizing effort and membership drive to bring awareness that Local 82 is looking for qualified apprentices as well as more seasoned workers who are looking to further a career in the electrical industry.



*IBEW Local 82 Assistant Organizer
Yvonne Mullins.*

The Western Ohio Chapter - National Electrical Contractors Association Directory:

NECA Members

Chapel Electric Company
Chapel-Romanoff Technologies
ESI Electrical Contractors
GEM
High Voltage Maintenance
Kastle Electric Company
Kastle Technologies
Maxwell Lightning Protection
RMF Nooter
Sidney Electric Company
Studebaker Electric
Wagner Industrial Electric
York Electric, Inc.

Associate Contractors

Automated Controls
Capital Electric
Compass Electrical Solutions
Copp Systems Integrator
Cougar Electric, Inc.
Electricity, LLC
Glenwood Electric
Justice Electric
Lake Erie Electric
Mid City Electric
Power Pro
Power Services
Production Electric
Spurling Electric Co., Inc.
Triad Electrical
Wilson Sign Company

Affiliate Members NECA

Advanced Service Technologies
Becker Electrical Supply
FD Lawrence Electric Company
Graybar Electric Co., Inc.
Heapy Engineering
Riffle & Associates
Square D / Schneider Electric
Uptime Solutions

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

