



## THE ENGINEERING DEPARTMENT WELCOMES KENTON KISER

The City of Piqua Engineering Department would like to welcome Engineering Technician Kenton Kiser to the team. His duties include design and plan assessments, engineering inspections and project coordination.

Kenton was the Salutatorian of Piqua's class of 2015. In high school Kenton kept busy by being a part of the golf team, National Honor Society, Piqua Teen Leaders, Science Olympiad, Link Crew and the Student Council.

He graduated from The Ohio State University in May of 2020 with a Bachelor's of Science in Engineering Physics and in Psychology, making the Dean's List twice. While at OSU Kenton completed the Green Engineering Scholars Program. The two-year program supports students who are interested in exploring the connections that engineering has to innovation and technology development. He also participated in the Toy Adaptation Program that looks at ways to adapt toys for children with disabilities.

During summer break from school, Kenton worked for Piqua's Public Works Department as seasonal help. He did regular maintenance in the City's parks and playgrounds.

One thing that surprised Kenton was the sheer number of projects the City has going on. "As a citizen, I only noticed major projects like resurfacing streets. Now I see and am a part of all the work that is constantly going on to improve our city. It is awesome to witness these changes and makes me more appreciative."



Kenton Kiser

## PIQUA SUBSTATIONS GOING GREEN!

The flow of bulk power into Piqua is controlled by the high-voltage circuit breakers located at our three electrical substations. Arguably the most important device in Piqua's electric system, the circuit breaker controls power flow by opening (deenergizing) or closing (energizing) the path for electricity to flow. This process creates an electric arc that must be extinguished within the 69,000 Volt circuit breaker. Two of Piqua's substations employed oil as the insulating medium within the device, while the remaining substation utilized Sulfur Hexafluoride (SF6) gas. The oil breakers were approaching 50 years in age, while the SF6 breakers were manufactured in 1987.

Faced with increasing maintenance costs, ongoing reliability concerns due to age and ever-changing environmental considerations, Power System staff began exploring replacement alternatives in late 2017. Two options were available; an improved SF6 alternative and a unique option offered by Hitachi T&D Solutions. Hitachi is the only company to manufacture a 69,000 Volt breaker utilizing dry air in a vacuum as the insulating medium. The Hitachi vacuum breaker has absolutely no impact to the environment and is virtually maintenance free. Alternatively, SF6 gas has a high impact to the environment, with a lifespan in the atmosphere of 3,200 years and a Global Warming Potential (GWP) of 23,900 as compared to Carbon Dioxide (CO2) which has a GWP of 1.

After fully researching both options, competitive bids were solicited and evaluated. Piqua City Commission awarded a contract for twelve breakers to Hitachi in April of 2018. Power System staff are completing this project in-house with engineering support from the SSOE Group and electrical testing and commissioning services provided by UIS - Power Services. As part of this project, the Power System is also upgrading



the electronic relays that control the operation of the breakers. Conversions at Piqua Substations #5 and #3, were completed in 2018 and 2019 respectively. Work to begin the conversions at Piqua Substation #4 will begin this fall and be completed in the Spring of 2021.

"This significant and environmentally-re-

sponsible investment in Piqua's critical infrastructure will continue to serve our city for many years to come. By choosing vacuum over SF6 technology, we have reduced our environmental footprint as measured by GWP, equal to taking 1,308 automobiles off the road," emphasized Ed Krieger, Piqua's Power System Director.

## TRICK OR TREAT/BEGGAR'S NIGHT IN THE CITY OF PIQUA

Each year Miami County Council makes a date and time recommendation to our local communities for the annual celebration of Halloween.

This year, Thursday, October 29th from 6 – 8PM has been designated Trick or Treat/

Beggars Night in the City of Piqua.

Pending guidance from the Ohio Department of Health for Trick or Treating, it will be to the discretion of citizens as to whether they choose to participate in the evening event.

When the Ohio Department of Health notifies the City of their guidelines, we will post on the City's website at [www.piquaoh.org](http://www.piquaoh.org).

Please monitor our website for any future updates.

## WITH GRATITUDE

The City of Piqua would like to thank Jonathan Stevens and Robert Bateman for their dedication and years of service to the City of Piqua as follows:

Assistant Fire Chief

Operator II-Wastewater Department

Jonathan Stevens

Robert Bateman

Combined, Jon and Rob accumulated over 64 years of service with the City of Piqua. We wish Rob and Jon many years of enjoyment during their retirement and best wishes always.



Assistant Fire Chief  
Jonathan Stevens



Operator II-Wastewater  
Robert Bateman

## THANKING OUR CITY EMPLOYEES FOR THEIR DEDICATED SERVICE TO OUR COMMUNITY

Time and time again we see the best in our employees throughout the City of Piqua. Our employees have continued to provide critical services while upholding our commitment to excellence during the day to day challenges we all face during this pandemic.

Many, especially those who work as our first responders, have sacrificed their own safety and well-being during this crisis to uphold their commitment to the citizens we serve.

EACH of you continue to demonstrate commitment and resiliency. Thank you for consistently showing up and working hard, despite the risk and fears.

We quite literally couldn't keep going without you!

Human Resources Director,  
Catherine Bogan

## CITY UPDATING ROUTE MARKERS ALONG BIKE TRAIL SYSTEM

The City of Piqua is in the process of updating our Trail ID Markers along our bike trail system. The new Route Markers indicate what portion of the trail you are on and mile marking every tenth of a mile. The Ohio to Indiana Trail section is indicated by a Green 36 dot followed by a mile identification number below the dot. The Great Miami River Trail portion will be found on the asphalt with an Orange 25 dot and mile identification number below the dot. The Canal

Run Trail will be identified on the asphalt with a Black 66 dot and mile identification number below the dot. The new Route Markers are intended to help Emergency Services better identify the exact location if there is a need for Emergency personnel.

While on the trail you may notice some of the markers have a Blue Hash at the top or on the side. The Blue Hash mark indicates a portion of the Buckeye Trail system that follows some of our Trail. Envisioned in the

late 1950's, the Blue Blazes indicate a 1,400 plus mile trail that evolved into a large loop through Ohio that was later completed around 1980. The Buckeye Trail is identified by the blue blaze markings located on trees, poles and paved trails throughout Ohio.

The Piqua bike trail loop is approximately 12 miles long connecting to Miami County Parks District, City of Troy and the Dayton area bike trails.



# 2020 SUMMER AWARDS RESIDENCE PRIDE RECIPIENTS

The following properties and individuals were nominated and awarded the City of Piqua's Summer Residence Pride Awards:

Summer Award Recipients:

*Crystal & Shane Cantrell*      536 S. Wayne Street  
*Rita & Roger Queen*        907 Young Street  
*Lucille & Dennis Myers*    701 Cottage Avenue  
*Diana & Edwin Benton*     721 Broadway Street

The Residence Pride Award is based on the following criteria:

- ★ Property appearance
- ★ Landscape appearance
- ★ Helpful neighbor in regards to landscape or home improvement project
- ★ Home improvements-general clean-up of a property
- ★ Business owner/landlord property

The Residence Pride Committee meets on a regular basis to select the winners and the Committee encourages Piqua Citizens to submit nominations. Nomination forms are available on the City's website at [www.piquaoh.org](http://www.piquaoh.org) or the Municipal Government Complex in the City Manager's office or in the Utilities Department. Nominations or questions may also be emailed to: [residencepride@piquaoh.org](mailto:residencepride@piquaoh.org).

The next awards will take place in the Fall, so please watch for those beautiful homes with fall decorations and submit your nominations!

Congratulations to our 2020 Summer Residence Pride recipients!



Crystal & Shane Cantrell  
536 S. Wayne Street



Roger & Rita Queen  
907 Young Street



Lucille & Dennis Myers  
701 Cottage Avenue



Diana & Edwin Benton  
721 Broadway Street

## CITY COMMISSION

### Thomas Fogt

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### Cindy Pearson

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### Kris Lee

Mayor & Commissioner  
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### Chris Grissom

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### Kathryn (Kazy) Hinds

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**Residential Customer**  
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