

Washington County

Phase II Energy & Design-Build Project

Marietta, OH



HVAC Upgrades



Building Automation



LED Lighting



Water Conservation



Building Envelope



Contract Amount: \$14,188,034

Project Size: 132,468 Sq. Ft.

Total Guaranteed Energy Savings: \$251,500 (\$50,300/year for 5 years)

Active Digital Services:

Orchestrate
Energy Master
Facility Conductor
Automation Composer

"I was very impressed from the outset that Veregy representatives sought input from a variety of county stakeholders prior to doing any work at all... I've also been very impressed with the open lines of communication that our board has enjoyed with different Veregy employees. If I call any of the Veregy folks, they either answer the phone or they're back with me in minutes...this is really our project of the century."

- Kevin Ritter,
County Commissioner

PROJECT OVERVIEW

To reduce operating costs and enhance the working environment, Washington County partnered with Veregy to implement improvements in the Courthouse, County Home, and Children's Services. This includes HVAC equipment upgrades, a new building automation system (BAS), LED Lighting upgrades, replacement/retrofit of water fixtures, weatherization of windows/doors, among other items at all three buildings. The County Home's approximately 40-year-old roof is being replaced as well. Additionally, Veregy is completing a fit-out of the Courthouse Annex space to be used by the County Prosecutor's Office. An estimated \$7M is being pumped back into the local economy due to the project's 98% local subcontractor participation.

PROJECT HIGHLIGHTS

- Install non-proprietary building automation system (BAS)
- Replace various pieces of HVAC equipment at all three buildings including AHUs, water source heat pumps, cooling tower, boilers, variable frequency drives, etc.
- Needlepoint bipolar ionization to improve indoor air quality
- Retrofit existing fluorescent lighting and screw-ins with LED
- Replace restroom water fixtures with more efficient systems
- Weatherstrip various interior/exterior doors and windows
- Replace end-of-life roof on County Home
- Fit-out 4400 SF Courthouse Annex for use as Prosecutor's Office
- Integration of new BAS with FMX CMMS
- User-friendly graphical interface for controls
- EnergyTracer utility monitoring and analytics software
- Gridcap automated electrical demand management software
- Facility Conductor for remote monitoring and technical services

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