



CITY OF VANDALIA

VANDALIA, OH



SAFETY RECORD

ZERO Recordable Events



PROJECT SIZE

8 Buildings/175,811 sq ft

\$9M



PROJECT SCHEDULE

03/2022 - ongoing



CONTRACT METHOD

Design Build



SAVINGS INFORMATION

Energy and Operational Savings of more than \$3M



The City of Vandalia was dealing with maintaining facility uptime in the face of aging equipment in most of their major buildings. The loss of cooling during the summer of 2021 highlighted the need to act upon a growing list of aging facility issues. The City understood residents' expectation that buildings be open and fully functional and used this project to update infrastructure into more modern, efficient, and resident-friendly facilities. The City partnered with Energy Systems Group (ESG) to help navigate the path forward.

SOLUTION

The City leveraged ESG's expertise to better understand their needs rather than be limited by an arbitrary budget placeholder. ESG's recommendations resulted in a comprehensive facility renewal program, including:

- 100,000 sq ft of Roof Replacements
- HVAC System Upgrades
 - Replacement of Aged Equipment
 - Optimized Efficiency
 - Indoor Air Quality Enhancements
 - Controls Upgrades
 - Complete Redesign of Recreation Center Mechanical Courtyard
- LED Building and Street Lighting Retrofit
- Traffic Signal Maintenance and Interconnectivity
- Illuminated Overhead Street Signage
- Solar powered walking path lighting
- Emergency generator for municipal building
- Comprehensive facility plan
- HVAC duct cleaning

RESULTS

As a trusted advisor, ESG helped the City identify and integrate solutions that advanced their mission while driving operational efficiencies and improving livability, workability and resiliency.

The \$9 million project will save the City of Vandalia \$3 million in energy and operating expenses over the next 15 years. Those savings will allow the City to invest more funds into other services that will support residents.