



<p>Project Cost: \$7,436,482</p> <p>Contract Term: 15 Year</p> <p>Contract Type: Guaranteed Performance</p>	<p>Annual Savings:</p> <ul style="list-style-type: none"> • \$327,667 Operations & Maintenance • \$119,993 Energy <p>Incentive:</p> <ul style="list-style-type: none"> • Utility – \$9,995
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CITY OF FLORISSANT – Community Center Upgrades City Wide LED Lighting Upgrades

PROJECT HIGHLIGHTS:

- Demolition and replacement of HVAC
- Condenser water loop installation
- State-of-the-art building automation system
- Lighting upgrades and retrofit
- Pool dehumidification system
- Partial demolition and replacement of roof
- Exterior and partition doors in pool and vestibule
- Added occupancy sensors
- Upgraded plumbing and piping
- District-wide 11 facility int/ext LED lighting upgrades
- Windows and exterior door replacements

OVERVIEW

CTS Group performed an analysis of the swimming pool, roof and the heating/cooling system at the James J. Eagan Community Center in Florissant, MO. At the city’s request, CTS developed a plan that was approved and initiated. Massive cooling units were installed with variable speed drives that only work as needed, increasing comfort in all areas of the facility while saving the taxpayers’ money with lower utility bills. Additional introductions to the pool area included inflatable duct work to evenly distribute air, and a pool dehumidification system to improve indoor air quality with heat recovery for pool water. A new twenty-year white roof reduced heat gain and increased insulation, while new doors improved operation, safety and efficiency. New lighting was installed throughout, making for a more pleasant atmosphere. Once the improvements and energy savings of the Community Center were implemented, CTS upgraded 11 other city facilities with new LED lighting, HVAC, windows, and door upgrades. Total annual savings in energy are \$9,995 and in operations and maintenance are \$119,993.

