

# Oxford Unified School District 358

Energy efficient upgrades will save the district nearly \$90,000 a year

In October of 2009, Oxford USD 358 entered into a \$1.9 million energy savings project with Trane. The project consisted of building upgrades designed to reduce the district's annual energy usage and address deferred maintenance issues.

Upgrades at Oxford USD 358 began in May, 2010, and were completed in August of the same year. Overall savings in operations maintenance, and utilities expenses are projected to be approximately \$90,000 annually.

The improvement projects were achieved through participation in a statewide program offered by the Kansas Energy Commission (enabled by K.S.A. 75-37,125) and a performance contract with Trane. The \$1.9 million project is being partially funded through the savings realized and the remaining funding will come from capital outlay funds. The total project will be paid for over a fifteen year period

Throughout the summer project Superintendent Craig Grosser documented the upgrades. The before and after photos Grosser took clearly demonstrate the amazing transformation that took place to Oxford USD 358.



**AFTER**  
Middle School Gym: Replaced single pane steel windows with new aluminum thermal break windows with double pane insulating tinted glass.



**BEFORE**

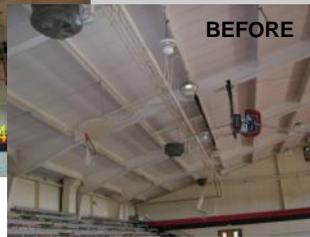
## Upgrades at Oxford USD 358 Included:

- Window upgrades
- Roof upgrades
- HVAC upgrades & replacement
- Boiler replacement
- Efficient lighting upgrades
- Occupancy sensors installed
- Building automation systems installed
- Bus route optimization and information management software



AFTER

**Middle School:**  
Replaced existing lighting and unit heaters. Removed window covers to allow natural lighting.



BEFORE



AFTER

**Middle School:**  
Replaced single pane steel windows with new aluminum thermal break windows with double pane insulating glass.



BEFORE



BEFORE



AFTER

**High School:** Replaced existing roof-top units, reconfigured ductwork, connected all equipment to building control unit and overlay existing roofing with new Duralast single ply roofing glass.



BEFORE

**Middle School:**  
Replaced existing gas boiler with new high efficiency boiler.



AFTER



AFTER

**West Hallway in High School:** Replaced surface mounted light fixtures with new higher efficiency recessed fixtures with T8 bulbs.



BEFORE

### About Oxford USD 358

Oxford encompasses 136 square miles of eastern Sumner County and a small portion of western Cowley County. The schools are located in the community of Oxford, eight miles east from the Kansas Turnpike and 30 miles south of Wichita, Kansas. The district also serves the community of Geuda Springs and surrounding rural areas. The school district has an enrollment of approximately 375 students and 63 employees including teachers, support staff, bus drivers, and administrators. Building additions to Oxford Elementary and Jr/Sr High School were completed in 2000.