

**Cost**

Construction: \$4,000,000

Size: 63,000 sf

**Owner**

Iowa City Community

School District

Duane VanHemert

Physical Plant Director

319.688.1020

VanHemert.Duane@

iowacityschools.org

**Team**

Principal in Charge

Dwight Schumm, PE, LEED AP

Project Manager

Jonathan Gettler, PE

Mechanical Engineer

Adam Bunnell, PE LEED AP

Stephanie Riggan

Electrical Engineer

Jonathan Gettler, PE

**Architect**

Design Alliance, Inc

14225 University Ave

Waukee, IA 50263

515.225.9649



**Coralville Central Elementary**

Comprehensive renovations across 70% of the building included all-new HVAC, lighting, and telecom systems. Electrical service upgrades increased capacity, which was done during the school year and required tight coordination with MidAmerican Energy, contractors and the owner to ensure the school and students experienced no downtime.

Projects were completed across 3 phases, involving 10 classrooms in the first, 13 classrooms in the second, and lunchroom, computer lab, teacher's lounge and serving kitchen in the third. HVAC and electrical upgrades were included throughout.

Supplier delays caused significant reworking of HVAC equipment, requiring temporary HVAC solutions for 10 classrooms in order to ensure no interruption to the day to day operation of the classrooms. Temporary solutions did not change costs or final move in date schedule for the owner.

Final construction included improved heating efficiencies with new horizontal ground loop wells.

A new intercom system, adapted to work with both new and existing equipment, was installed in conjunction with a new sprinkler system and addressable fire alarm upgrades.

Design Engineers played a role in the installation and finishing of the Temporary Classroom Complex, enabling the school to move students and classrooms around current construction projects without interrupting student's work.