



Alexandria Public Schools

Pre-referendum and Deferred Maintenance Design

KFI was contracted to provide mechanical and electrical (M&E) engineering services for the new 280,000 square-foot Alexandria High School. KFI worked with the district to put together compelling options for high efficiency mechanical and electrical systems the community could see the value in, and get behind. When the bond referendum passed, it provided the means to construct the new high performance high school.

Following the successful high school project, KFI was retained to provide investigative and design services direct to the district for HVAC upgrades at four schools in the Alexandria Public School District. Multiple projects at each of the schools, Voyager, Carlos, and Miltona Elementary Schools, and Discovery Middle School, were completed. Upgrades were focused around indoor air quality improvements, increased operating efficiencies, new temperature controls, increased heating efficiency, and dehumidification.

For these projects, KFI performed energy modeling to compare multiple options for each school giving the district cost estimates, energy savings and associated paybacks. In addition to the design, KFI's independent commissioning team performed commissioning on the projects.

KFI has continued to work with the District on recommissioning studies, media center renovations at multiple sites, and central plant retrofits at Woodland Elementary.

LOCATION:
Alexandria, MN

OWNER:
Alexandria Public Schools

SQUARE FOOTAGE:
350,000+

CONSTRUCTION COST:
\$65,000,000+

COMPLETION DATE:
Ongoing