



Client:

Red Clay Consolidated School District

Thomas McKean High School

Design Professional:

Tetra Tech

Location:

Wilmington, DE

Delivery Method:

General Contracting

Key Challenges:

- To replace primary and secondary HVAC and electrical systems as well as add an auxiliary gymnasium and four-classroom addition within an occupied educational facility.

The Thomas McKean High School project consisted of additions and renovations to a fully operational high school over two academic years. Upgrades included the replacement of the primary electrical distribution system, the installation of a new water cooler chiller and associated cooling tower, and a new dual temperature HVAC piping system and associated classroom unit ventilators. A new full size auxiliary gymnasium and a four-classroom building were added. Athletic field upgrades included new football bleachers, replacement of the current football field, and resurfacing of the existing running track and tennis courts. Due to a lack of swing space, the project team worked closely with school administrators to develop a feasible phasing schedule that would allow the execution of the construction activities while minimizing the impact to students and faculty.