

**Maple Heights City Schools  
New \$82 Million High School, Middle  
School and Elementary Schools  
Maple Heights, Ohio  
Completion Date: 2013**



Dynamix was selected as the engineer of choice for the design of a new high school, middle school and two elementary schools. The high school is 184,769 SF and accommodates approximately 1,200 students. The middle school is two floors and is 130,500 SF. The two elementary schools are approximately 132,453 and 67,000 SF.

The high school consists of classrooms, a media center, laboratories, food service, gymnasium, food service, lockers, art and music classrooms and administrative spaces. The high school's HVAC systems features chilled beams and VAV boxes. Motion sensors are present throughout the school. Sustainable features include low flow toilets, sinks, and showers.

The middle school also consists of classrooms, food service, gymnasium, food service, lockers, art and music classrooms and administrative spaces. The HVAC system is provided by a combination of ceiling mounted chilled beam units and Variable Air Volume (VAV) systems. A solar water heating system was supplied to pre-heat domestic hot water and thereby reduce gas consumption by the water heaters. Each school is seeking LEED Silver certification.

**Dynamix Engineering's Role on the Project:**

- Full-Service Engineering Including Mechanical, Electrical, Plumbing and Technology Engineering
- Construction Administration



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