

**Columbus City Schools
New \$30 Million Linden 7-12 STEM
School Renovation
Columbus, Ohio
Completion Date: 2012**



Dynamix Engineering provided M/E/P/T design for the renovation and addition to a 1920's, 90,370 SF, 3-story historic facility. The facility features state-of-the-art systems to accommodate the STEM (Science, Technology, Engineering and Math) program. The project includes demolition and upgrades to the on-site athletic fields. All classrooms, science labs and specialty classrooms were updated with latest audio visual and technology systems for a state of the art facility. The building is designed to be energy efficient and sustainable. The new school accommodates 1,000 students in grades 7-12.

The project was a complete renovation of the entire plumbing systems and included all new piping, fixtures and ADA improvements. Design incorporated maintaining and working around critical historic elements that were to be preserved into the final building. Other systems designed included an energy efficient induction HVAC system, air handling systems, dedicated outside air systems, variable volume systems, heating water plant, cooling water plant, exhaust systems and temperature control systems.

Dynamix Engineering's Role on the Project:

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



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