

Columbus City Schools
Assessment and Renovation of Science Labs & Security
Systems to Various Buildings in the District
\$6 Million
Columbus, Ohio
Completion Date: 2012

This project assessed the science labs and security systems for over forty middle and high school facilities within the Columbus City School District. The science upgrades are to comply with the Governor's initiative for new STEM (Science Technology Engineering Math) compliant schools. The assessments reviewed the existing middle and high school facilities in comparison to other new OSFC (Ohio School Facilities Commission) projects and established an estimate of cost for new systems and components. Dynamix Engineering provided design and construction administration for a seven phase program in order to bring each school up to the 2008 OSDM (Ohio School Design Manual) standards. Full assessments of each room, at every school, were performed. Dynamix worked closely with the Architect to determine which rooms would be the most economical to upgrade based on existing conditions of the school. The project included both renovating existing spaces to meet OSDM requirements and converting existing standard classrooms to full science, chemistry, biology and physics labs. Dynamix was hired to assist Columbus City Schools (CCS) with a \$3,000,000 upgrade to the security systems for their existing buildings. The project included assisting the district with creating a standard for access control, intrusion detection, and CCTV systems and installation, assessing the existing buildings to identify areas requiring improvement and compliance with the new standards, and prioritizing the required work within the available budget.

Engineering services included renovations and upgrades to Electrical, Plumbing, Technology and HVAC systems.

Dynamix Engineering's Role on the Project:

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



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