

Urbana Middle School Expansion & Renovation

Urbana, Illinois

Client: Urbana School District #116, Urbana, IL
 Architect: Isaksen Glerum Architects, Urbana, IL
 Construction Manager: The Skillman Corporation, Indianapolis, IN



Range of Services

- ▶ Feasibility study; preliminary design; design development
- ▶ Construction documents; construction administration; observation; coordination

Project Overview

This complicated 185,200 GSF expansion/renovation project responded with phased construction to accommodate a school calendar. The project was broken into four areas and three bid groups. Our office provided structural planning services to assist the architect in the gutting of the existing two-story buildings. We designed temporary floor and roof support and designed the final structural framing to minimize the intrusion of structure on the usable space. Elevator locations were generalized by the architect and final positioned by our office for logical fit within the existing foundation system to accommodate a pit and new foundations. New two story steel framed additions were created for classrooms, a cafeteria and a gymnasium along with new entry canopies and a second level 54 foot span trussed pedestrian bridge between two existing buildings. Lightgage metal framing was used as structural backup for the exterior curtainwall and brickwork. Our office was actively involved in coordination with the Construction Manager and all sub-contractors regarding mechanical, plumbing and electrical integration with the existing and new structural systems. We responded to unforeseen structural issues exposed during the construction process.



Pedestrian bridge

integrating
STRUCTURAL
 design
focused on
 quality