

Champaign County New Courts Building

Urbana, Illinois

Client: Champaign County

Architect: Isaksen Glerum Architects, Urbana, IL

Construction Manager: P.K. Demars., Champaign, IL



Range of Services

- ▶ Structural planning; preliminary design; design development,
- ▶ Construction documents; construction administration; observation and coordination

Project Overview

HDC Wickersheimer Engineering provided full structural services for the three stories plus full basement addition, as well as for the renovation to the existing courthouse. The structural framework for the new addition is a steel frame with composite steel-beam floor framing. Lateral loads are resisted by a combination of steel moment connections and concrete block shear walls in both directions. A curved three-story lobby highlights the pedestrian entry. A freestanding masonry arcade wall in front of the building incorporates masonry components from the original Sheriff's Building that was removed for the new addition. Also unique is the steel framework for the multiple roof gables that provide historical reference.



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STRUCTURAL
design
focused on
quality