

FIRST UNITED METHODIST CHURCH SPRINGFIELD, ILLINOIS



CHALLENGE

The growing congregation of First United Methodist Church required more space for their ministry.

The FUMC's architect asked HLR to provide structural engineering services to support the design of an addition to the existing Family Life Center



RESULTS

Construction of the classroom and sanctuary addition began in 2004 and was completed in 2006.

Scheduling benefits to the owner included phased openings of different portions of the building to accommodate the immediate space needs of the church.

- The classroom portion of the project was completed for occupancy in the Fall of 2005.
- The Sanctuary was completed for occupancy in the Spring of 2006.

CONSTRUCTION BUDGET
\$9.4 MILLION

SOLUTION

HLR served as the structural engineering firm working for the Architect.

Working closely with the architect, HLR provided the structural framework and detailing for the new 1,500 person sanctuary with a balcony level, a large atrium, fellowship space, a bell tower and additional classroom space.

Throughout the project, HLR coordinated with many entities involved with the project including:

- The Owner
- The Architect
- Other-discipline Consulting Engineers
- The City of Springfield Building and Zoning Department
- The Contractors

HLR also provided periodic site visits to consult with the Architect and Contractor on field related questions and construction issues.

Project highlights:

- Construction of a new 1,500 person sanctuary.
- The addition of 13 new classrooms.
- 106 foot long, 12 foot deep steel trusses.
- An elevated stair-stepped cantilevered concrete balcony.
- A bell tower with a tip-of-cross elevation of 106'-8".
- An elevated organ loft.



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