

Winfield, Illinois

Central DuPage Hospital Bed Pavilion

25 N. Winfield Rd.
Winfield, IL 60190



Client
Central DuPage Hospital

General Contractor
Pepper Construction

Architect
RTKL & Associates

Structural Engineer
CE Anderson

Area
300,000 square feet

Completion
2009

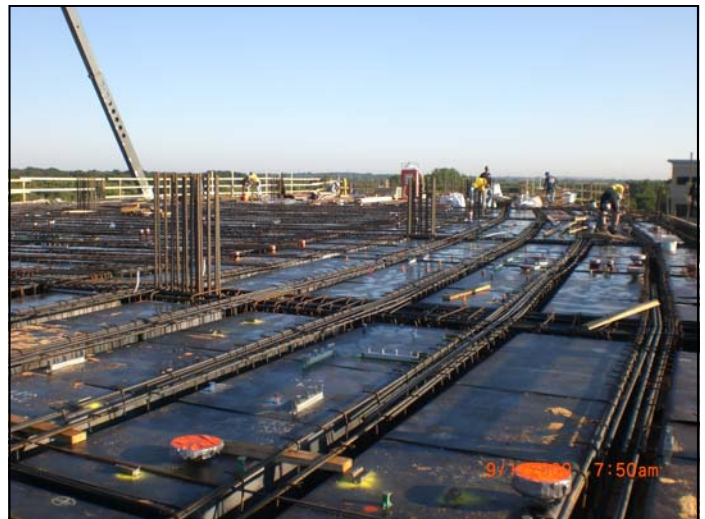


Adjustable Forms is providing the complete structural frame at the new Central DuPage Hospital Bed Pavilion in West-Suburban Winfield. The project features 202 private inpatient beds, a lower level auditorium, conference rooms, as well as office and teaching facilities.

The new facility is located on the site of an existing parking lot and ambulance entry. Three wings joined together in a central hub, with the east wing tying in to the existing hospital. The structure rises five levels, with an additional lower level at the east wing.

The project is particularly challenging due to the curved profile. The entire grid is laid out with intersecting curved gridlines, with no rectilinear structural elements. Also challenging is the combination of a pan formed joist-slab structural slab, large downturned spandrel beams, graduated beams, and high FF/FL requirements. Despite these challenges, Adjustable Forms' vast experience with pan-formed slabs and previous healthcare facilities have allowed us to maintain an extremely aggressive schedule.

This project is the first project Adjustable Forms has utilized its expertise in Building Information Modeling (BIM) for quality control and coordination. By utilizing the Architect's BIM file, Adjustable has been able to more effectively implement project specifications.



Adjustable Forms Inc.
One E. Progress Rd.
Lombard, IL 60148

www.adjustableforms.com

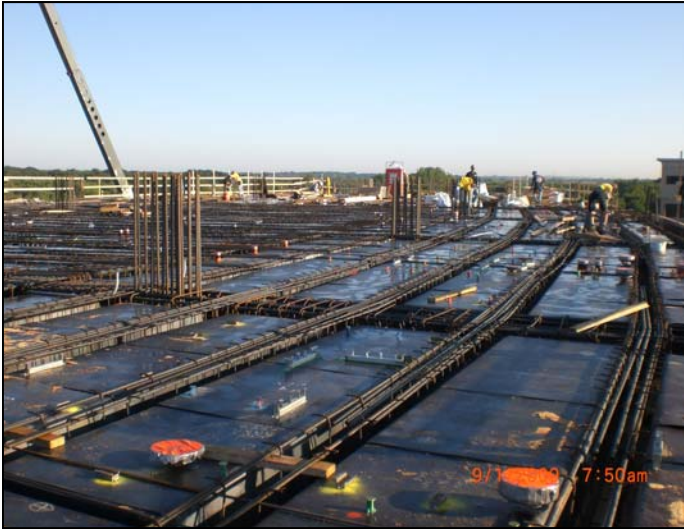
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