

Project Spotlight: AdventHealth South

Overland Park, KS

This six-level addition for Advent-Health Hospital utilized the efficiency of Ceco's wide-module pans. The expansion takes the hospital from an outpatient facility with a nine-bed emergency department to a 193,000-square-foot, 85-bed hospital designed to provide patients with access to a full suite of hospital and emergency services.

PROJECT TYPE:

Hospital Building 43,600 SF / Typical Level

DESIGN LOADS

LL = 100 PSF

TYPICAL FLOOR PLAN

Total depth 29" for beams and 24.75" for joists

Bay Width - 33' 8", 33' 8", 30', 30', & 31' 4" Bays, Length 32' Bays

Pan Size - 20" depth, 66" width, 4.75" thick slab

LEVEL 3 FLOOR CYCLE

30 Days

TYPICAL FLOOR MATERIAL QUANTITIES

- Slab Concrete: 1424 CY, equivalent slab depth of **10.6"**
- Slab Rebar: 113 TNS, equivalent **5.2 #** / SF

