



## **101 West Ohio Street Office Building Indianapolis, Indiana**

The project is a 22-story office building in downtown Indianapolis with approximately 310,000 gross square feet of area.

The structure consists of cast-in-place concrete frame. Each floor is framed using a conventionally reinforced wide module (skip joist) system with all of the beams and girders the same depth, which allows the use of flying table forms for all of the supported levels. Concrete shearwalls around the central vertical circulation core were used to resist wind and seismic lateral loads.

The concrete strengths varied from 4000 psi for the floors to 8000 psi for the columns and shearwalls at the lower levels. The high strength concrete allowed the use of smaller columns and shearwalls within the lower levels of the office building.

The total concrete frame was constructed in 7½ months with the floors being built on a 5-day cycle.