



# University Medical Center at Princeton

PRINCETON, N.J.

► The University Medical Center at Princeton has been a leading academic hospital for more than 30 years. The hospital's goal is to deliver exceptional care to their patients and their families every day. In order to provide this level of care, construction on a new 310-bed acute care facility began in May 2009. Madison Concrete Construction was chosen for their attention to detail and dedication to quality and safety.

The new 620,000-square-foot facility will include Surgery, Cancer Treatment, Cardiac Care, Emergency, OB/Gyn, Medical, Dental, Radiation

Oncology, Radiology, and Outpatient Clinic services. With the use of 23,000 cubic yards of concrete, the hospital building was built to last. Challenges included deep foundation excavations and excavation of rock, along with installation of rock-anchors for the foundation system. Additionally, the curved façade resulted in complicated layout and construction of the curved foundation walls.

Completed in the fall of 2010, the University Medical Center at Princeton has been able to provide state-of-the-art care to its patients and their families.

**OWNER:** Princeton Healthcare System

**GENERAL CONTRACTOR:** Turner Construction Company

**OTHER TEAM MEMBERS:** Phillips Concrete, PERI Formwork, Haywood-Baker Geotechnical Construction, ReSteel Supply, Bayshore Rebar, Richard Fox Contractors

**ARCHITECT:** Hillier Group (RMJM)

**ENGINEER:** O'Donnell & Naccarato

**COMPLETION DATE:** Fall 2010

**SERVICES PROVIDED:**

- LEED/Sustainable design integration
- Cost estimates
- Foundation construction
- Composite metal deck slab
- Excavation and backfill