

Best of 2006 Awards

**Kings County Hospital Center Phases 2 and 3**

**AWARD OF MERIT: Health Care and Hospitals**



A \$500 million, long-term master planning effort to modernize Kings County Hospital Center in Brooklyn logged a major milestone this year with the completion of two phases totaling \$200 million in value.

The effort to rework the sprawling medical complex of 20 obsolete, inefficient buildings scattered over a 44-acre site has involved new construction, additions, and renovations, while also reinforcing the institution's role as a community anchor.

The completion this year of the second and third of five phases passes the halfway mark of the

larger master plan to modernize the hospital. The program began in 1997 and will continue with two other phases to open a new behavioral health center in 2008 and complete a campuswide consolidation of core services and site landscaping in 2009.

Kings County is both a major teaching hospital and the principal health-care provider in central Brooklyn. It is one of the nation's busiest Level I trauma centers and serves a neighborhood where residents suffer higher-than-average rates of infant mortality, asthma, obesity, heart disease, diabetes, and injuries caused by violence.

A renovation program of this scale at an institution of such importance to the community was no small task.

"From a logistical, community, and political point of view, it was a real challenge to get this thing up and running," one juror said.

The project involved renovation or replacement of a jumble of buildings ranging in age from 40 to 100 years old. It also created a common spine and access to a multistory parking concourse that links three new pavilions: the Inpatient Center tower completed in 2001; and the two facilities that opened this year in the 240,000-sq.-ft. Emergency Diagnostic and Treatment Pavilion and the fully renovated and expanded Ambulatory Care Center.

A phased construction effort aimed to avoid interruptions to hospital operations and patient care, particularly in the effort to connect the facilities to each other because of the need to match floor-to-floor heights between old and new structures.

The emergency pavilion features a new emergency center; a diagnostic radiology service center; an ambulatory surgery suite; a new birthing center; and a new linear accelerator to serve cancer patients.

Meanwhile, the renovated and expanded ambulatory care center houses seven floors of outpatient suites, a new main lobby, pediatric walk-in clinics, a geriatrics center, and a new outpatient pharmacy.

“That’s a complicated, intense project,” a juror said. “It was a tremendous effort.”

### **Key Players**

**Owner:** New York City Health and Hospitals Corporation

**Program Manager:** Dormitory Authority of the State of New York

**Construction Manager:** Gilbane Building; TDX Construction

**Architect-Structural Engineer:** Skidmore, Owings & Merrill

**Mechanical-Electrical Engineer:** Cosentini Associates

**Civil Engineer:** Vollmer Associates

**Geotechnical Engineer:** Langan Engineering and Environmental Services

**Landscape Architect:** Mathews Nielsen Landscape Architects

**Excavation:** John Civetta & Sons

**General Construction:** M.A. Angeliades

**Mechanical:** RJR Mechanical

**Electrical:** QNCC Electric

**Plumbing:** Richards Plumbing & Heating