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## **Missouri Baptist Medical Center Plans Hospital Expansion**

*227,000-square-foot Project to Apply Lean Operational Transformation and Sustainable Design on West Pavilion Patient Tower, Parking Garage and Clinical Nursing Institute*

**St. Louis, MO – December 9, 2009** – As part of a long-range campus plan, **Missouri Baptist Medical Center** will add a six-story, 227,000-square-foot **West Pavilion** patient tower to its Town & Country campus. The lower level and first floor of the West Pavilion will house operating rooms and other procedure space and the top four floors will be devoted to 96 private, state-of-the-art patient rooms.

The West Pavilion was approved by the City of Town & Country’s Board of Aldermen Sept. 30. In addition to the new tower, the final development plan will allow Missouri Baptist to continue to update its campus over the next three decades.



Phase I of building plan with new patient tower and parking garage.

“We must plan for the future and continue to invest in our facilities to provide the very best care to our patients and our community,” said Joan Magruder, Missouri Baptist Medical Center president. “At the same time, we want to be a good neighbor to those who live adjacent to our property.”

Striving to maintain Town & Country’s “green” preservation efforts, Missouri Baptist involved Medical Center neighbors in the planning process and will concentrate all buildings in the campus’ central core, away from neighboring subdivisions and buffered by berms, trees and extensive landscaping. In addition to the West Pavilion, a five-story, partially underground structure will be added. The first four levels will constitute a parking garage and the top level will house the Clinical Nursing Institute. Patient rooms in the existing main hospital tower also will be renovated under the final plan.

Responding to rising health care costs nationwide and predicted demands for increased health care services, the Medical Center will incorporate tenets of *Lean* health care to boost efficiency in the new Pavilion and the rest of the hospital. Adapted from the manufacturing industry, *Lean* incorporates a set of techniques that reduce waste, frustration and cost while improving patient safety, quality of care and the patient's experience. For the past two years, Missouri Baptist has been conducting *Lean* Rapid Improvement Events, which focus on helping cross-sections of frontline workers learn how to streamline their work systems.

“With this *Lean* approach, we are aiming to further enhance the patient care experience by increasing the time caregivers can spend with each patient,” said Joan Magruder.

Efficiency measures have been extended into the design and construction team, which will work under one integrated project delivery (IPD) contract. IPD requires fundamental changes in the traditional “design-bid-construct” process. The design and construction team includes **HOK**, architect; **Clayco/Legacy**, general contractor; **HPP**, *Lean* experts; **KJWW**, engineering lead; **Sachs Electric**, electrical contractor; **Murphy Company**, mechanical contractor; and **Stock and Associates**, civil engineer.

Missouri Baptist currently is licensed for 489 patient beds. Once the new pavilion is complete, semi-private rooms in the existing tower will be converted into private rooms, without increasing licensed beds. Private patient rooms are now medically recommended to reduce infection, help protect patient privacy and allow patients to rest and recover more comfortably.

**About Missouri Baptist Medical Center:** Missouri Baptist is a 489-bed acute-care hospital located at Highway 40 and I-270 in west St. Louis County. Recognized as a “Top 100 U.S. Hospital” by Thomson Reuters and “One of America’s Safest Hospitals” by Forbes, Missouri Baptist offers a full continuum of medical and surgical services, and specializes in heart, cancer, gastrointestinal, orthopedic, neurological/spine and women’s health services. Missouri Baptist provided care for 22,800 inpatients and 35,400 emergency patients in 2008. The hospital is designated by the National Cancer Institute as a Community Clinical Oncology Program (CCOP). It is also designated as a Breast Imaging Center of Excellence by the American College of Radiology (ACR). Missouri Baptist Medical Center is a member of **BJC HealthCare**, one of the largest nonprofit health care organizations in the United States and the largest employer in St. Louis. Based in St. Louis, BJC serves residents in Missouri and southern Illinois through its 13 hospitals and multiple health service organizations. [www.missouribaptist.org](http://www.missouribaptist.org).