



Poudre Valley Hospital Garage Fort Collins, Colorado

The Poudre Valley Hospital healthcare system anticipated the phenomenal growth of Fort Collins and implemented a strategic plan to keep ahead of the curve in patient care and hospital facilities. Having bought land over the years, the hospital was able to build a new Medical Office Building and a new 709 stall parking structure for employees, patients, and visitors. The 4-level, 3-bay structure incorporates an enclosed and conditioned vertical circulation tower as well as a pedestrian bridge at the 3rd level connecting the garage to the MOB. It is an open facility with two way traffic flow and has an unusually wide entry/exit bay with 4-lanes at a signalized intersection on a main roadway.



An all precast concrete structural system was just what the doctor ordered, with a full prescription of benefits, including aesthetics, cost and speed. The design team looked at the cost and scheduling for both precast and cast-in-place, post-tensioned structures, and found precast was faster and less expensive. Precast was about 8% less expensive than a post-tensioned garage and could be built in 20 to 30 percent less time. The garage has controlled access for employees who can use their hospital proximity cards for parking. Parking is available 24/7 with security services on premises at all times.

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Footprint	Spaces	SF/space	Superstructure
187' x 335'	709	330	Precast 4-Levels 3-Bays

“When the Hospital changed the garage delivery system from design-bid-build to construction management at risk, the design team revisited conceptual designs and accommodated changes willingly and quickly. Several charrettes kept contractors, and the hospital staff informed. Precast concrete was used for the superstructure because of its speed of erecting, its minimal requirements for product delivery on site, quality, and excellent opportunities for architectural expression. Paul Mack’s 25-years experience in precast concrete design and parking consulting were very helpful in the team delivering an attractive, efficient facility.”

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