



CONSTRUCTION ENGINEERING LABORATORY, INC.
TESTING FOR QUALITY AND STRENGTH

TESTING SERVICES - DATA SHEET

PROJECT:
United Children's Hospital Expansion
333 North Smith Avenue
St. Paul, MN 55102

January 2009 – July 2010

**APPROXIMATE
CONSTRUCTION COST: \$80 Million**

OWNER:
United Hospital
333 North Smith Avenue
St. Paul, MN 55102

CLIENT:
United Hospital
333 North Smith Avenue
St. Paul, MN 55102
North Saint Paul, MN 55109



CONSTRUCTION PERIOD:

PROJECT DESCRIPTION: The construction of a new 6-story Tower, floor area roughly 197,000 sq. ft. in a portion of the site that was occupied by the ambulance garage, United Hospital's emergency department, access roadway to the existing parking ramp, access road to the children's main entrance and landscaped grounds. The ambulance garage and a portion of United Hospital emergency department was demolished to make room for the new building. The access roads were reconfigured. The tower structure is poured in place concrete pan joist construction. The project also included relocating existing heliport on hospital roof.

The foundation for future skyway between the tower and the future children's entry building is also included in this project to avoid excavating below heated drive lanes.

SERVICES PROVIDED: Verified Limestone Bedrock and soil conditions for construction. Conducted lab and field tests for quality and conformance on soil and concrete. Conducted special inspection of all structural concrete and steel erection .

SPECIAL FEATURES: Geotechnical Report completed. Recommended the safe allowable rock bearing capacity over the existing sand stone.

(United Children's Hospital Expansion)