

**SASKATCHEWAN LEGISLATIVE BUILDING**  
STRUCTURAL REHABILITATION AND BUILDING CONSERVATION

Owner: **Saskatchewan Property Management Corporation (SPMC) now Ministry of Central Services**

Contact: Paul Nepper

Location: Regina, Saskatchewan

Description: This project was a planned multi-phased response to correct a number of physical, operational and code related deficiencies experienced by the most prominent historic building in Saskatchewan. The first, the most immediate requirement, was to stabilize the building and arrest damaging differential movement by replacement of the original foundation system. The second phase included upgrading building accessibility and life/fire safety systems. Phase Three introduced mechanical, electrical and elevator upgrades into the building. Design work continues on rehabilitation of the building envelope.

Completion: 2005 for Saskatchewan's 100<sup>th</sup> Anniversary

Value: \$25,000,000

Structural System: A jacked in place precast concrete pile system was utilized to underpin and stabilize the building. Approximately 1,800 new piles were installed. The precast concrete pile system was chosen after extensive laboratory and field testing because of the economics that it offered and the significant shorter time required for installation.

Relevance: BROWNLEE BEATON KREKE served as the prime consultant on this project and, as such, was responsible for managing a large project team and delivering an extremely complex and sensitive project in a multi-phase, multi-year format.



Prime Consultant/  
Structural Design:

BROWNLEE BEATON KREKE  
Engineer: Rob Beaton