

PARKING GARAGE REHABILITATION



In 2004, Concentric was retained to investigate through-slab leakage and general deterioration of a two-level cast in place parking structure serving a high rise condominium.

The investigation, which included concrete coring and laboratory analysis, concluded that the leaking slab cracks had caused moderate to severe section loss in the reinforcing steel and had lead to extensive soffit delamination.

Concentric designed and tendered the repair program, which included complete slab replacement over a significant area of the intermediate suspended slab.

The project was implemented in 2005 and was successfully completed on time and on budget.

