

RSIO

Case History Report

Parking Structure

Reinforced Concrete a Fitting Choice for Shopping Mall "Wrap-Around" Deck

In a major multi-million dollar expansion of its Fairview Shopping Mall in Don Mills, the owner has constructed an elevated parking structure to accommodate the expected added flow of shopper traffic. With 1.2 million sq. ft. of building positioned on a non-elastic 46 acre site, the 440,000 sq. ft. new parking deck will provide space for an additional 1,200 cars.

Compounding the difficult site problems of limited access and inadequate space for storing construction materials, the sprawling, irregularly shaped building dictated the design of a "wrap-around parking structure."

An elevated "Wrap-Around" parking structure was designed for the irregular site. ▼

