



PROJECT PROFILE

January, 2000

Pearson International Airport, Toronto, Ontario

An extensive 10-year re-development of Canada's largest airport is well underway. Construction of a new terminal, capable of handling 50 million passengers annually, will eventually replace Terminals 1 and 2. Included in this terminal will be a new 12,600 vehicle-parking garage and an improved road system. Airside development allows for two new runways including new taxiways, a central deicing facility and an infield access tunnel. Infield development includes the construction of a new cargo area, temporary passenger holding facilities and new flight kitchens and aprons adjoining these new facilities.



Temporary passenger accommodation required the construction of a 241' long covered walkway to provide access to 3 boarding gates. Vicwest products including Thermasteel framing members were used to build this structure.



Members pre-cut to length in our factory were assembled on site to form the frames, or

skeleton, of the walkway. The corners of these frames were re-inforced with flat, engineered gusset plates and Thermasteel stiffeners. The completed frames were then set into place on a continuous bottom track. Flat strapping temporarily braced the frames until the Vicwest cladding permanently tied the structure together.



Thermasteel light gauge steel framing members combined with Vicwest cladding material enabled Gage Metal Cladding Limited, a well-established Toronto based steel cladding installation company, to provide an inexpensive, aesthetically pleasing pedestrian tunnel. The entire walkway was erected in less than 4 weeks.

Elsewhere at Pearson, Thermasteel is supplying the framing members for the ceiling support system in Detour D-2, the 410' long infield access tunnel mentioned earlier. Vicwest provided the initial design for this project, which includes approximately 45,000 square feet of 24 gauge L-800 liner panel manufactured in Vicwest's Oakville, Ontario plant, and 50,000 square feet of 7/8" Corrugated cladding, manufactured in Vicwest's Victoriaville, Quebec plant. Gage Metal Cladding has also undertaken the installation of this unique and challenging project.

For further information, please contact **VICWEST THERMASTEEL** at 1-877-484-8778, e-mail us at thermasteel@vicwest.com, or visit us on our website at www.vicwest.com.