

GO Transit Bus Terminal - Union Station

In August 2000, LEA Consulting Ltd. were retained by GO Transit to provide a preliminary design for a new bus terminal to replace the existing CP Express Building that extends between Bay and Yonge Street south of Front Street in Toronto opposite Union Station.

It was concluded that the existing building would have to be removed in its entirety to accommodate the new bus lanes and platforms as well as parking and truck access behind the Federal Building to the north. LEA were retained to prepare the design and contract documents and provide construction administration for the demolition work performed in 2001. LEA's contract was subsequently extended to incorporate the design and construction administration for the new Bus Terminal.

LEA Consulting Ltd. were responsible for Project Management, Structural and Municipal Design. Other members of the design team included Roger du Toit Architects for architectural work, du Toit Allsopp Hillier for landscaping, Hidi Rae Consulting Engineers for electrical and mechanical work and Shaheen & Peaker Ltd. for geotechnical and environmental work.



The new Terminal, for which construction began in April 2002, consists of a single story waiting area approximately midway between Bay and Yonge Streets with dispatch, ticket, washroom and small retail facilities. A canopy structure extends eastwards to Yonge Street, and links the waiting area to the two storey entrance structure at Bay Street which houses a new facility for Budget Car Rental. Stairs and an elevator provide access to Union Station via Platform No. 1.

The site includes new and improved parking and dock facilities for the Federal Building to the north as well as an Heritage feature, an

installation that emulates one of the demolished dock doors of the old CP Express Building incorporating the original materials.

The north façade of Union Station over Bay Street, part of the registered heritage structure, was cleaned and repainted.

PROJECT SUMMARY

Client:
GO Transit

Location:
City of Toronto, Canada

Services Provided:
Preliminary and Detailed Structural Design, Contract Preparation, and Contract Administration

Cost:
\$4.4 Million

Completion:
Summer 2003

