

Simcoe Street (SkyWalk) Bridge

This major pedestrian bridge (deck width 10 metres) with a total length of over 180 metres spans over the TTR railway corridor, servicing Toronto's SkyDome.

The structural skeleton is fully clad to an architecturally appropriate linear railway train profile. The internal environment is completely climate controlled.

The structure consists of four main spans of 38, 38, 52 and 43 metres.

The structural form is deep steel Warren trusses, designed to allow ease of erection over the busy rail corridor.

No field splices or temporary supports were required.



SkyWalk Bridge in its structural skeleton.



The completed SkyWalk Bridge adds vibrance to a rail yard.

PROJECT SUMMARY

Client:
City of Toronto / CN Realty

Location:
City of Toronto, Canada

Services Provided:
**Project Management,
Structural Engineering,
Construction Management**

Cost:
\$ 7.5 Million