

Civic Buildings

Client:

CN Tower Limited

Architect:

John Andrews Architects
Webb Zerafa, Menkes, Housden

Location:

Toronto, Ontario

Project Details:

Aecon acted as construction manager to construct the CN Tower, at 553m high, the tallest free-standing structure in the world. Construction of this complex, one of a kind structure required significant engineering innovation on the part of Aecon. Site preparation for the structure required excavation to below- the- level of Lake Ontario. The tower foundation consists of 7,650 cubic meters of concrete.

Once the foundation was in place, a special slip-form was set up for construction of the tower.

The most difficult aspect of designing the forms was to develop one which would curve. Not only did the perimeter of the legs curve, the walls thinned from 2.1m thick at the base to .335m thick near the top. As the world looked on, Aecon successfully completed construction of this world landmark on time and on budget.

CN Tower

