

New Zealand City Rail Link



Project Overview:

Client: NZ Government
Project: City Rail Link
Value: NZD\$4.4 billion
Location: Central Auckland, New Zealand
Date: 2022

Application: Erection of steelwork and lifting of large steelwork modules over critical infrastructure.

Unit: AR15 (WLL 15t)



Controlled orientation of large steelwork

The \$4.4 billion City Rail Link project is the largest transport infrastructure project New Zealand has ever built. Twin 3.45-kilometre-long tunnels connect downtown at Britomart with a re-developed Maungawhau Station (Mt Eden) on the Western Line. Two new underground stations will open up central city access; Karangahape (Karanghape) with entrances at Mercury Lane and Beresford Square and Te Wai Horotiu (Aotea) at Victoria and Wellesley Streets, midtown.

Roborigger is utilised by the NZ government and Link Alliance to lift and control long and heavy loads of steel and prevent it from swinging during transit. The ability to stabilise and control the load eliminated the need to use and attach taglines to the loads.



Geo fencing used to prevent lifting into public space

