

Britomart to Mt Eden Rail Tunnel, Auckland, New Zealand

Client

Auckland City Council.

Project

Feasibility study for twin underground rail lines to complete the Auckland rail loop - back to Mt Eden Station. This allows Britomart Station to become a through station, thus increasing its capacity.

A number of route options and tunnel configurations were considered before settling on twin 6.2 m diameter tunnels beneath Albert Street.

One key issue was finding a route beneath the downtown buildings while minimising the impact of the tunnels on the building foundation piles which project below the tunnel alignment.

Services provided

- Geotechnical interpretation
- Feasibility design
- Cost estimation.



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