

Alpurt B2 Motorway Tunnel, Auckland

Client

Transit New Zealand.

Project

Twin 385 m long two lane motorway tunnels were constructed beneath Johnson's Hill near Puhoi, North of Auckland. The tunnels facilitated a faster motorway alignment (significantly reduced motorway gradients) while maintaining a tract of bush over the tunnels.

The tunnels pass through an active slip scarp in Pakiri formation sandstones and were designed and constructed by the Northern Gateway Alliance of which Tonkin & Taylor was a full member.

Services provided

- Design Director
- Resource consent alterations
- Geotechnical investigations
- Geological modelling
- Construction engineer (part of the construction management team)
- Temporary support daily approval
- Weekly health and safety support.



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