

MOTAT Tramway Extension, Auckland

Client

Colin Zeff & Associates (for MOTAT).

Project

Tonkin & Taylor provided the structural and geotechnical engineering services for the \$1.9 M tramway extension project. The 600 m long tramway extended across an old landfill and a 90 year old cast iron sewer, both of which presented significant geotechnical risk. T&T worked with the client to provide innovative and economical solutions for the tram track, including the use of an 'impact roller' and a polystyrene fill embankment. The design solutions provided MOTAT with significant cost savings over conventionally designed piled and DC options.

Services provided

- Geotechnical site investigations
- Design of foundation treatment and earthworks
- Design of structural track slab and pylon foundations
- Preparation of specifications
- Construction supervision of geotechnical and structural aspects.



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