



# All aboard: Sustainable and innovative rail solutions

Tonkin + Taylor (T+T) is proud to help push the future of rail forward in Aotearoa, New Zealand.

For over 60 years, we've created solutions for numerous rail projects across the country.

Most recently, our experts tackled the unique challenges with the Hawkes Bay Recovery Assistance, emergency works for re-opening of tunnel 3 on the SNL Line, Wellington Metro Upgrade Programme, and the North Auckland Line Recovery.

We believe that rail is vital to NZ's sustainability journey, and we are at the forefront of providing innovative and resilient rail solutions.



Tunnel 3 SNL

## Our services and expertise include:

- Permanent and temporary works investigations and designs for emergency repair of landslide damage sites across the network
- Obtaining resource management planning approvals
- Existing tunnel assessment, remediation, strengthening and invert lowering designs
- Life Cycle Management Plan (LCMP) for KiwiRail tunnels
- Alternative trial drainage designs for:
  - Drip shield installation
  - Gutter design for capturing and transferring drip shield water
  - Tunnel subgrade drainage
- Specialist geotechnical/structural assessments
- Documenting As-Built information for handover and incorporation into Maximo

At T+T, it's our priority to understand your rail operations and develop solutions tailored to your project needs.

Our suite of environmental, ecology, contaminated land, geotechnical, coastal, structural, planning, coastal, resilience, and sustainability services will ensure that your rail project reaches its destination - on-track and full steam ahead.



*Esk Valley to Tuitira Line*

*City Rail Link - Auckland*

