

Case Study

TARARUA DISTRICT COUNCIL SADDLE RD

Client & Consultant: Tararua District Council

Contractor: Infracon Ltd



PROJECT SPECIFICATION

A major Slip in the Manawatu Gorge closed this critical link through the Tararua Ranges for 8 months meaning that a large number of vehicles were forced to use two alternative routes. The Saddle Road took the brunt of this traffic including most of the heavy vehicles, resulting in extensive wear on the road and a number of slips and drop outs. Once the main road was opened again the council needed to act quickly to bring this road back into a suitable state of repair and also widen some corners as there was a high chance that this road could be needed again at any time due to the unstable nature of the main gorge road.

SOLUTION

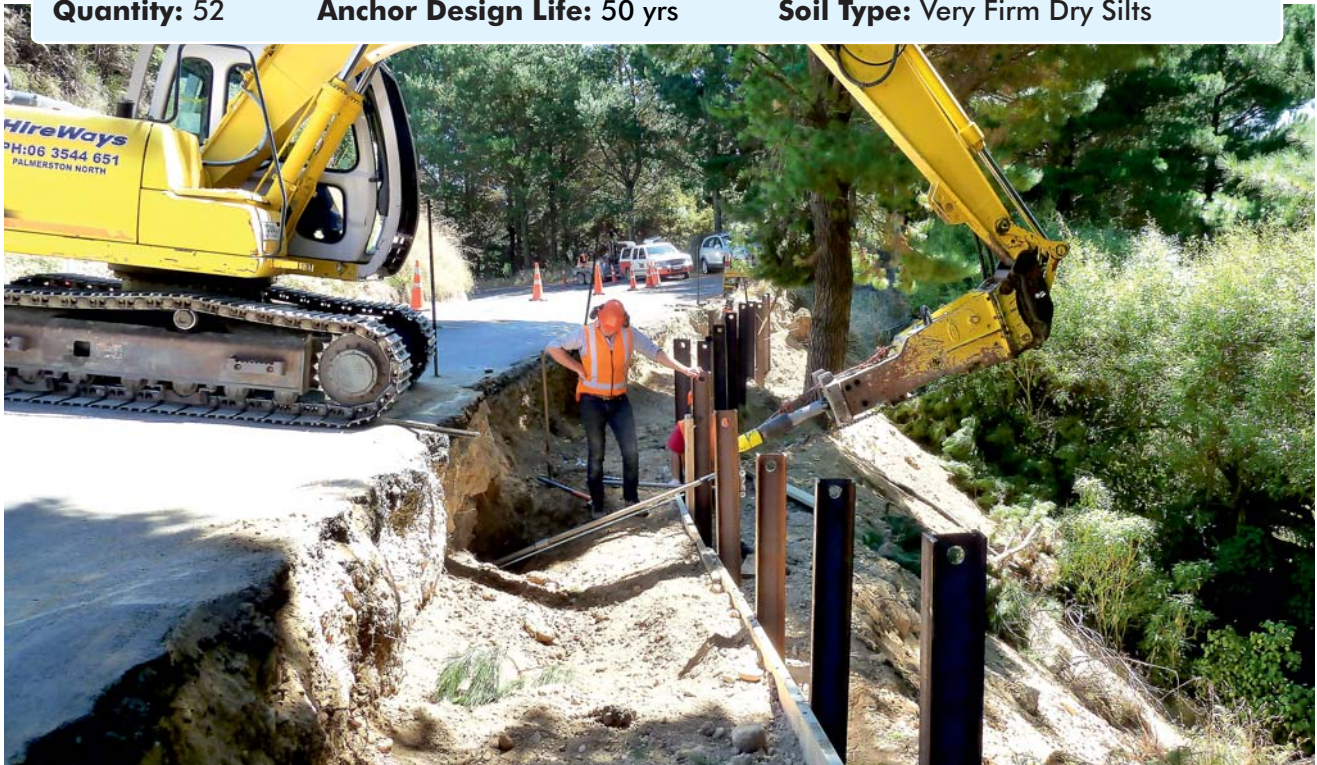
The client designed their own repair for these corner dropout sites which comprised a steel beam and timber wall with Platipus Anchors. B06 Anchors were driven to 5m at 1.5m centres and proof tested to 100 kN resulting in a rapid repair and a structurally sound solution.

Anchor System: B06 galvanised spheroidal graphite iron anchor c/w with 5.8m x 16mm Ø stainless steel wire tendon.

Quantity: 52

Anchor Design Life: 50 yrs

Soil Type: Very Firm Dry Silts



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