

Project Brief

Kohinui Bridge P37 Abutment Strengthening



Kohinui, NZ
2002



The abutments of this bridge required strengthening due to creep. New piles were installed and Fibrwrap was specified to tie the new piles into the existing abutment.

This detail involved cutting a slot in the abutment and feeding the Tyfo® SHE 51A Fibrwrap through to provide the necessary confinement.

Steel Starters were drilled through and grouted in-place.

An added benefit of the Fibrwrap was the added corrosion protection to an area of particularly high steel concentration with the possibility of low concrete cover.

The Fibrwrap was painted over with Tyfo® A Finish coat to blend the installation to the colour of the surrounding structure and provide UV protection.