

Wēiti River Bridge temporary props

O Mahurangi project

Temporary props will be used to build the Wēiti River Bridge and are required at all four pier locations. They facilitate the balanced cantilever construction of the bridge deck and are installed and removed in modules.

The props act both in tension and compression. The height can be adjusted with hydraulics during deck construction to suit cantilever construction.

Bridge deck

Temporary platform

Temporary prop steel structure

The tallest prop is about 38m
The heaviest prop weighs 160t



O MAHURANGI

NZ TRANSPORT
AGENCY
WAKA KOTAHĀ