

## Hewletts Road Bridge, Tauranga

### Client

Fulton Hogan - Smithbridge joint venture.

### Project

The \$30 M Hewletts Rd Bridge project was completed in 2006 and provides a flyover to improve traffic flows on the Mt Maunganui site of the Tauranga Harbour Bridge. Tonkin & Taylor was the principal designer as part of the design build contracts undertaken by Fulton Hogan - Smithbridge joint venture. The ground conditions in the area include deep sand deposits which exhibit susceptibility to liquefaction under seismic loading.

### Services provided

- Investigations and design of foundations for the project which identified options for ground improvement and mitigating seismic effects
- Treatment works involving gravel columns
- Design of retention works for the approach embankments
- Pavement design for the project.



[www.tonkin.co.nz](http://www.tonkin.co.nz)