

## SH 1 Four Laning, Paremata

### Client

Higgins Group.

### Project

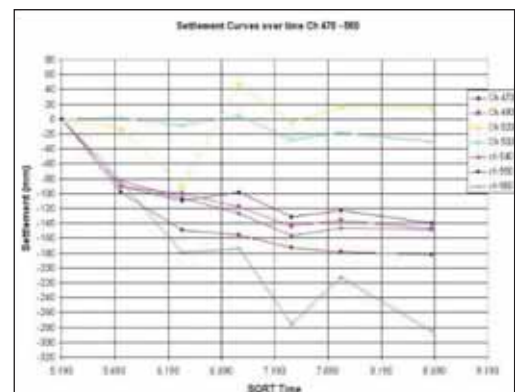
The 4 laning of SH 1 from the weighstation to the Paremata overbridge was a controversial project to improve the traffic flows on SH1. The project was subject to strict resource consent and designation conditions. The construction area was adjacent to the nationally significant Taupo swamp, Porirua Harbour and Paremata Estuary.

Given the public interest in the project it was essential that environmental management of construction activities ensured full compliance with the conditions.

The road embankment was constructed over peat deposits. This required monitoring and interpretation of settlement and groundwater data. Advice was also provided on excavation stability within these very weak deposits.

### Services provided

- Preparation of environmental management plan
- Environmental auditing of construction activities
- Settlement monitoring
- Geotechnical advice.



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