

# Nam Cheong Station West Rail Project, Hong Kong

## Client

KCR West Rail/Robert Benaim Associates.

## Project

Tonkin & Taylor undertook the geotechnical challenge for the primary interchange station on the new HK\$18 billion West Rail line, which extended up the west side of the Hong Kong mainland from Kowloon to Tuen Mun.

T&T worked with Hong Kong based design engineer RBA over 1999 - 2001 for the development of project geotechnical design parameters, challenging locally accepted materials criteria in a design-construct team on part of a multi-billion dollar rail development.



## Services provided

- Geotechnical design and construction observation
- Deep bored pile and shaft-grouted barrette foundations
- Modelling the soil-structure interaction effects on existing at-grade high speed rail
- Elevated expressway viaducts on floating piles/ barrette foundations
- Dewatering and temporary sheet pile excavation support for the underground station.

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