

Route PJK, Tauranga

Client

Fulton Hogan - Smithbridge joint venture.

Project

The \$143 m PJK Expressway was constructed as a jointly funded toll highway project by Tauranga City and Transit NZ. At the time of construction (1999 - 2003), it was New Zealand's largest roading project. The work involved construction of 14 km of pavement with three intersecting roads over a 20 m deep area of swamp and included a major grade separated interchange with bridge sections of up to 300 m length and piles up to 40 m deep together with a number of other bridge and retaining structures as well as deep embankments and sections.

Services provided

Tonkin & Taylor initially provided design services for the bid prepared by the successful Contractor, Fulton Hogan - Smithbridge joint venture, but the scope extended to provide added value and alternative design that resulted in over 60 % of the project being substantially redesigned, and a direct appointment by TDC to undertake full design for the Route K section of the project.

T&T maintained a design team on site enabling close co-operation with the Contractor staff and leading to numerous opportunities to identify innovative and cost effective solutions as well as early intervention to minimise construction issues.



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