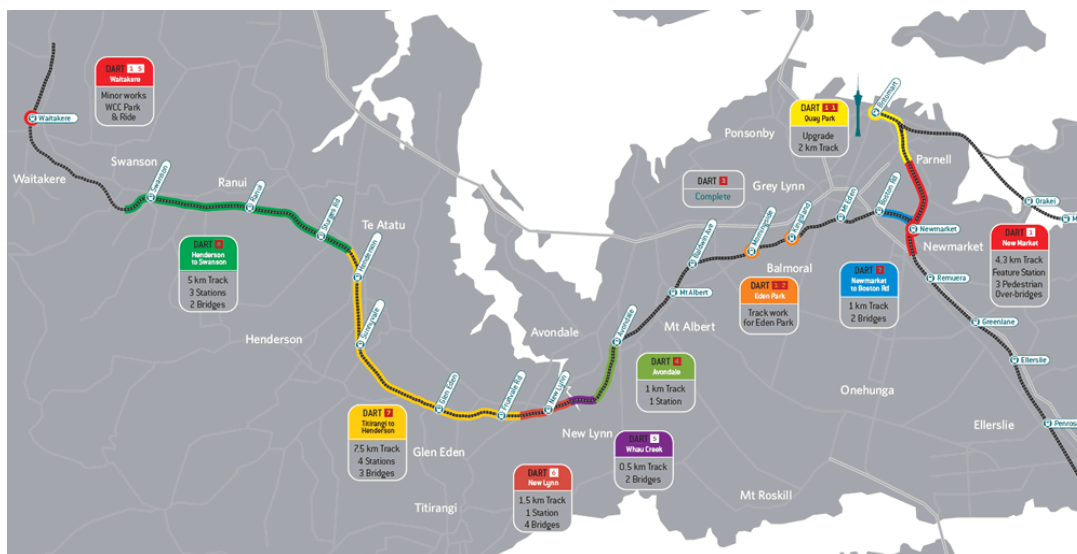


Project Profile

“Project Dart” | Auckland

Client	Ontrack (NZ Railways Corporation)
Client Sector	Infrastructure
Project Cost	\$600 million
Project Size	Various projects
Engineer	Various
Head Contractors	Various



Overview

A \$600 million programme of infrastructure improvements over three years to lift the capacity of the rail network to enable higher frequency of commuter services and freight traffic. The project comprises the duplication of the Western line from Newmarket to Swanson, with improvements to Newmarket station and junction. The works also include improvements to signalling on all three rail corridors around Auckland and linking Manukau City to the rail network. Within the envelope of the duplication, there are a number of major civil engineering and track alignment projects.

- Newmarket feature station with three pedestrian over-bridges
- 3.5km Grade separation at New Lynn
- 11 vehicular over-bridges
- Two rail over-bridges

- 12 pedestrian access bridges to the rail corridor
- 23km track duplication
- Relocation, development and improvement of 10 stations
- One new computer based interlocking to serve the Newmarket junction
- Upgrading manually controlled lineside signalling to computer based and remote controlled lineside signalling with in cab train protection warning system

Our role

- Development of the programme budget across individual projects
- Development of contingency allowances within projects and overall cost impacts associated with identified Ontrack related programme risk profile
- Development of future cashflow expenditure by discipline for each project
- High level analysis and monitoring of project budgets and expenditure
- Detailed elemental estimating and cost planning to maintain budget control