

Croydon Trams : Mitcham



Project Summary

Overview

New 900m track doubling scheme on Croydon Trams, between Mitcham tram stop and Mitcham junction, to increase capacity on the route

Services Undertaken

Validation of the preliminary design scope (GRIP 3)

Preparation of the detailed track design (GRIP 4+5), to enable the route to be doubled, with inclusion of a new track drainage system design and new safe walking routes

Topographical surveying, Permanent Way design (GRIP 4+5), structure gauging analysis and assessment of lines of sight for divers and passengers

Value Added by Novus Rail

Determination on the scope of work to be undertaken and prompt delivery of high quality design submissions

Key Project Specifics

- Topographical surveying
- Validating preliminary designs scope (GRIP 3)
- Permanent Way designs (GRIP 4+5)
- Structure gauging surveys
- Plain line alignment design
- New 1:7 similar-flexure turnout design
- Structure gauging analysis
- Track drainage design
- New walkway design
- Preparation of setting out data