



South West Rail Link, Sydney NSW

The South West Rail Link (SWRL) project comprises a major upgrade of Glenfield Station and interchange and a new twin track passenger rail line from Glenfield to Leppington via Edmondson Park. The South West Rail Link includes:

- a new 11.4-kilometre rail line from Glenfield to Leppington
- two new stations located at Edmondson Park and Leppington, including commuter car parking
- a train stabling facility at Rossmore
- an upgrade of the existing Glenfield Station and bus/rail interchange, including new commuter car parking
- construction of Glenfield North and Glenfield South rail flyovers.

The South West Rail Link will:

- provide essential infrastructure for the predicted future increases in population in Sydney's south-west, underpinning the South West Growth Centre
- improve access to public transport for the people of south-west Sydney, providing a link to major employment centres including Liverpool, Parramatta and the Sydney CBD
- allow increased and more reliable train services
- provide increased commuter car parking spaces
- provide modern, safe and accessible stations and interchange facilities for all rail commuters.

It is being delivered in two stages:

- Stage 1, which includes a major upgrade of Glenfield Station and a transport interchange (also known as Glenfield Junction Alliance)
- Stage 2, which includes 11.4km of new twin rail track from Glenfield to Leppington and a new train stabling facility.

Evans & Peck's role

In 2007, Evans & Peck was appointed procurement adviser for the projects. Our role included:

- conducting workshops on risk and procurement delivery
- input into the constructability reports for both the greenfield and brownfield project areas
- initial cost planning for all elements of the works (station, rail, civil works and signalling/communications systems) including assisting with scheduling of works
 - detailed estimates for specific elements of the works
 - assessment of cost implications of alternative contracting strategies
- planning activities and works streams for planning approval, concept and reference design
- assistance with the develop of contract documentation including the Technical Scopes of Work, Deed and other tender documentation
- member of tender assessment committee for the procurement of the Stage 2 contractor and procurement of professional services contracts

FACTS AND FIGURES

Client: Transport Construction Authority

Project value: approx \$1 billion

E&P involvement: 2007 to 2010

Providing procurement advice and assistance for a major suburban passenger rail upgrade



South West Rail Link, Sydney NSW (continued)

- preliminary site works and investigations
- interface with RailCorp, RTA, Landcom, DoP, Integral Energy and other external stakeholders
- initial planning and programming
 - development of detailed staging of works with the project team and RailCorp personnel
 - development of a program and sequence of work for commissioning, systems integration and operational readiness activities
 - stakeholder interface management programs.

On this project, Evans & Peck has integrated with TCA and the project team using a highly collaborative and communicative approach, bringing together work streams and activities across different departments and disciplines into one consolidated program.

Results

Evans & Peck added value to TCA during the procurement phase through its understanding of risks on major rail projects in developing the tender and contract documentation.

This involved working closely with the lawyers during the development of the project deed to assist in determining an appropriate risk allocation as between TCA and the contractor.

We also assisted TCA by providing cost engineering and commercial advice during the assessment of the tenders.