

Incorporating **Rintoul**



Architectural rendering of the new underground station concourse

## \$190M UNDERGROUND STATIONS PROJECT

### High Cooperation

After a period of substantial detailed planning and preliminary work, we have commenced major works building four underground stations serving the new Epping to Chatswood Rail Line. The works include construction of a large aerial concourse at Epping station in a "live" rail environment to replace the existing station facility.

In November 2005 the Epping station team erected the main beams for the new aerial concourse. The concourse will accommodate a retail area and all station facilities.

Underground building works will commence in January 2006 at Epping, Macquarie Park and Macquarie University stations. Works will include the station cavern ceilings, wall and ceiling linings, floor finishes, entry structures, lifts and escalators, service building cladding, glass balustrades and landscaping. We will install 42 escalators and 10 lifts.

### PROJECT SNAPSHOT

<b>CLIENT</b>	<b>TRANSPORT INFRASTRUCTURE DEVELOPMENT CORPORATION</b>
Signed Contract Value	Circa \$190m
Sites	Epping, Macquarie University, Macquarie Park and Delhi Rd Stations, NSW
Construction Period	138 weeks
Contract Manager	Bovis Lend Lease Pty Ltd
Architect	Hassell Design
Structural Engineer	Tierney Opus



Epping Station team erecting the main beams for the aerial concourse

## A W Edwards Pty Limited

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“Our people understand that they need to do what is necessary to help our clients succeed”

The work we are now undertaking at Epping station exemplifies the project challenges. Two main contractors (A W Edwards and the Civil Systems Contractor) are working side by side in an operating rail environment. All phases of the project require high levels of interfacing between Edwards and the civil contractor.

For example, Edwards will install the services in the stations while the civil contractor will do the services in the tunnels. This requires a high degree of coordination in planning and in the field. The project also involves a complex sequence of staged changes in control of the sites over the life of the project. Most of that time Edwards and the civil contractor are working side by side.

This environment suits A W Edwards' culture and the attitudes of our people well. Our business has been based on flexibility, high cooperation, focus on our client's needs and avoidance of conflict for more than 80 years. Our people understand that they need to do what is necessary to help our clients succeed. We always strive to ensure all our projects are delivered in an atmosphere of cooperative teamwork. Our continued growth and repeat clients are the evidence of our success in this regard.



Macquarie Park station entrance



Escalators to station concourse



Unpaid station concourses



Epping station from Langston Place

This newsletter features another of our flagship projects, the “STAT-EAST Works” project, largely consisting of the building works associated with the new underground stations for the Epping to Chatswood Rail Line. This is a longer-term project requiring a major commitment of highly capable personnel.

This is also a special project involving many important interfaces with the civil works contractor and the client's consultant and management team. The project therefore requires high cooperation between all parties and particularly with the client's team and the civil works contractor.

Not the least of the critical issues is that a significant portion of the Epping station works is being undertaken in a “live” rail environment. Detailed planning and supervision to ensure that the works proceed smoothly and safely without disruption to rail services, passengers or the public has therefore been critical.

I am pleased to say that our project team's ability to communicate and coordinate with the client's team and the other contractors has been excellent. The works now underway at Epping station bear witness to this success. They are the forerunners of major undertakings that will not be visible to most of us until the new line opens in 2008.

“STAT-EAST” is a good example of our ability to deliver projects of significant size with a major focus on our client's needs, especially with respect to the client's operations. In this case our project team is responding to the need for high cooperation in an environment that is not always predictable and may change according to changing needs over the three and a half year contract period.

We look forward to working with you in 2006 and wish you a happy festive season and a successful New Year.

**Bruce Edwards**