

Adelaide Airport Elevated Road

Initial Contract Sum: \$4,455,234

Date for Completion: 31 October 2005

End Contract Sum: \$4,655,233

Date of Actual Completion: Forecast to complete 30 September 2005

Description: The elevated roadway will be a major feature of the new terminal at Adelaide Airport. It will provide access for cars, buses and taxis to the top level of the building, which is where the departure lounges and retail areas will be located in the completed terminal.

The elevated road is 10 spans long, totalling 200m and connects to the terminal at 3 separate points. The structure consists of reinforced concrete piers and crossheads, supporting 60 prestressed T-Roff concrete beams, ranging from 17 - 20m long. There is a concrete deck and footpath with steel and glass barriers. The approach ramps to the elevated roadway consist of reinforced earth walls, which are being designed and constructed by Bardavcol.

The construction has been made difficult by the limited space available. Co-ordination has been required with several other trades working in close proximity on the new terminal building. The programme for the project is tight, as its completion is required to allow better access to the building for the final fit-out. The prominent location of the structure means that a high quality architectural finish is required.

Number of Variations and Extensions of Time: Nil

Details of Claims Over \$50,000 (made by either party): Nil

Value Adding and Problem Solving:

At the Clients request, Bardavcol engaged a design consultant to undertake redesign of various elements, in particular the concrete barrier system, to provide a better solution to the project.

Referees:

Mr Peter Salveson, Hansen Yuncken Ph. 08 8352 2099