



Gateway Upgrade Project, Brisbane QLD

The Gateway Bridge Upgrade project includes the duplication of the existing Gateway Bridge in Brisbane and the upgrade of 24km of Gateway Motorway from Miles Platting Road to Nudgee Road. It was essentially three projects in one:

- Gateway Bridge duplication – a new 1.6km bridge across the Brisbane River and refurbishment of the existing bridge
- 17 kilometre motorway upgrade (south)
- A new seven-kilometre Gateway Motorway deviation (north).

The original bridge was built in 1985 and has operated with 3 lanes in each direction. After completion of the new (southbound) bridge, the existing bridge was upgraded under traffic to cater for 6 lanes of northbound traffic. The southern motorway upgrade was constructed under traffic conditions to provide up to 4 lanes in each direction. The new northern section was built on a green field site including some airport land comprising swamp and mangrove.

Evans & Peck's role

Evans & Peck has been involved in the Gateway Upgrade Project as Commercial Advisor from business case development through to the opening of the new bridge in July 2010 and the final section of motorway in July 2011. Since 2004, we have worked with Queensland Motorways Limited (QML) to assist with risk identification and management, the business case, contract documentation, reference design development and the Registration of Interest (ROI) and tender evaluation processes. Following award of the contract, E&P has provided staff to act in various capacities including Design Manager, Contracts Manager, Construction Manager and Superintendent's Representative, as well as specialist estimation reviews and Expert

technical reports.

Evans & Peck's services have included:

- developing procurement strategies
- initial risk identification and management of this throughout the life of the project, including monthly risk reviews
- assisting with the development of the business case
- developing Project Scope and Technical Requirements (PSTR) documentation, including managing input from the Queensland Department of Main Roads and structural, bridge, pavement and landscaping specialists and modifying some 100 technical appendices and technical standards to reflect the chosen delivery methodology and project requirements
- developing and reviewing the Deed and interface agreements
- participation in the registration of interest (RoI) process, evaluation of the proposals and selection of tenderers
- participation in request for tender (RFT) documentation and management of the tender process
- commercial advisers working closely with the lawyers during the tender negotiation

FACTS AND FIGURES

Client: Queensland Motorways Limited

Project value: \$2.12 billion

E&P involvement: 2004 - 2011

Contributing our expertise throughout the project delivery cycle, from business case development through to the opening of the bridge and motorway



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- providing Value For Money costing reviews on variations to the original contract
- input in day-to-day contract administration issues, including management and administration of the Project Deed
- interfacing with various stakeholders including Brisbane Airport Corporation, Brisbane City Council, Australia Trade Coast, Maritime Safety Queensland, Brisbane Port Authority, Royal Queensland Golf Club, environmental groups, motorist groups and other project participants.

Results

Refurbishment of the original Gateway Bridge and final approach roadworks was completed in November 2010, seven months ahead of the original program and under budget, with the southern works completed mid-2011.

Much of the PSTR documentation developed by Evans & Peck for the project has now formed part of Queensland Main Roads' Scope of Work and Technical Criteria (SWTC) standard documentation for other projects in Queensland.

Evans & Peck added value to the project through our understanding of the risks involved in a project of this scale. Also, our commitment to 'value for money' in evaluating costs for variations both in construction and maintenance has resulted in the project being delivered under budget.

In March 2011, the project won the Project of the Year Award at Infrastructure Partnerships Australia's National Infrastructure Awards. The prestigious award recognised the Gateway Upgrade Project 'for its iconic status, its engineering brilliance and sheer scale'.