

## China

### Qingdao Development Project (Highway)



Guanjialou Toll Gate on the Jiao Zhou Wan Expressway

#### Outline of Loan Agreement

Loan Amount / Disbursed Amount	8,800 million yen / 8,800 million yen
Loan Agreement	March 1991
Terms & Conditions	Interest rate 2.5%p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	April 1996

#### Project Outline

An expressway was constructed along with Jiao Zhou Wan to connect downtown Qingdao with the Huang Dao district, with the aim of promoting development in the Huang Dao district, generating a favorable investment environment, and easing chronic traffic congestion on roads entering central Qingdao.

#### Results and Evaluation

The project covered the construction of the 70km (4-lane) Jiao Zhou Wan Expressway between the No.8 wharf at Qingdao and Guanjialou in the Huang Dao district, together with the construction of bridges at approximately 20 locations, interchanges, and toll gates.

Implementation of the project has resulted in approximately threefold increase in the annual average traffic volume between downtown Qingdao and the Huang Dao district on the Jiao Zhou Wan Expressway from the pre-project level of approximately 7,500 vehicles/day in 1994, to roughly 22,000 vehicles/day in 2001. Moreover, travel times between Qingdao and Huang Dao have been dramatically reduced to around 45 minutes as compared to the 2 hours plus required to travel via land or ferry.

Between 1994-98, industrial production in Qingdao City has increased by 1.4 times and by 2.6 times in the Huang Dao district, with a further 4.3-fold increase in 2000 respectively. Foreign investment in the Huang Dao Economic Development Zone in particular, has been posting annual growth since project completion, and it is evaluated that improvement of the transport infrastructure through the project has contributed to this.

In terms of operation and maintenance, managers and technicians are of a high level and no particular problems have been identified.