

Study of the Development of a Transport System to support the Development of Suvarnabhumi Aerotropolis

Client: Office of Transport and Traffic Policy and Planning (OTP),
Ministry of Transport

Period of Appointment: 2007-2008

AMP Consultants Ltd., in association with Chotichinda Mouchel Consultants Ltd., was commissioned to advise OTP on development of the transport system needed to support developments at Suvarnabhumi Aerotropolis which comprises Suvarnabhumi International Airport and the surrounding communities. Key tasks included assessment of the pattern of demand for the movement of both passengers and cargoes in the area and to and from other interconnecting regions. The assessment covered growth in traffic linking the airport with industrial, logistics and other land-uses.



The work included:

- Survey and forecast the volume of passengers, cargoes and vehicles in and around Suvarnabhumi Aerotropolis City resulting from population growth, economic growth and underlying traffic growth taking account of industrial development, land use and changing trip patterns;
- development of a transport model, transport network analysis, assessment of the scope for Intelligent Transport System (ITS) solutions and an Initial Environmental Evaluation (IEE); and
- provision of recommendations for enhancement of the area's transport system to accommodate growth of Suvarnabhumi Aerotropolis, together with proposals for investment in ITS to help manage the network

