

## MVA in Malaysia

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MVA has been involved in transport and traffic projects in Malaysia since the 1980's. Whilst MVA operated from a local office in Kuala Lumpur throughout the 1990's, operations in Malaysia are now coordinated through the regional offices in Singapore and Hong Kong.

### MVA Consultancy Services

MVA provides professional consultancy services in all aspects of traffic and transport planning and management. We advise on transport policy, plans and projects and on the operation of transport and traffic systems, at national, regional, urban and local levels. Clients include Governments, local authorities, transport operators, project developers and financial institutions.

MVA operates most modern specialist transport software packages such as CUBE, TRIPS, VISSIM, EMME/2, SATURN, SIDRA, PEDROUTE, PARAMICS.

### Transport Forecasting in Malaysia

MVA has developed a range of regional and urban transport forecasting models for various areas of Malaysia including urban models of Kuala Lumpur and the Klang Valley, Johor Bahru and Penang as well as a regional highway model of Peninsular Malaysia.

### Recent Project Experience in Malaysia

#### Urban Rail Projects

MVA has acted as transport advisor to investors in a number of urban rail projects. Services have included patronage and revenue studies, service planning, station/interchange planning, bus feeder systems. Projects have included:

- ▶ Studies on behalf of the LRT and Monorail operators in Kuala Lumpur
- ▶ LRT Feasibility studies in Johor Bahru and Penang

#### International Rail Projects

MVA was commissioned by a private sector investor to carry out a preliminary analysis of the likely revenue and costs for a potential high speed rail service linking Singapore, Malaysia and Thailand, with possible extension to China via Laos.

#### Tollroad and Expressway Studies

MVA has undertaken numerous

forecasting and revenue studies for tollroads and expressways in Malaysia. Studies have included network and demand analysis, toll optimization and sensitivity, and revenue projections for a variety of privatization and BOT proposals. Studies have also included due diligence audits of forecasts prepared by others. Projects have included:

- ▶ Kuala Lumpur Karak Highway
- ▶ Shah Alam Expressway
- ▶ East Coast Highway
- ▶ North Klang Straits Bypass
- ▶ Second Road Crossing Malaysia to Singapore
- ▶ LDP and SPRINT Toll Roads

### Development and Masterplan Projects

MVA has provided traffic, transport and pedestrian planning and design advice on numerous development and masterplan projects, including:

- ▶ Putrajaya & Cyberjaya transport masterplans and road and rail access strategies
- ▶ Sime UEP Subang Jaya Transportation Masterplan
- ▶ New Nilai Township Transportation Masterplan
- ▶ Baling Structure Plan and District Development Plan
- ▶ Rantau Panjang Local Plan Study - Rantau Panjang
- ▶ Sepang Vintage Heights Transportation Masterplan
- ▶ Second Crossing Township Transportation Masterplan
- ▶ Numerous traffic impact, access and design studies for planned new buildings and developments in Kuala Lumpur and other cities

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