

Road Safety and Accident Studies

MVA Consultancy Services

MVA is an international specialist consultancy in traffic and transport planning. With a worldwide staff of around 400, of which roughly half is based in SE Asia, MVA is one of the largest specialist consultancies in this field.

The range of traffic and transport consultancy services offer by MVA includes:

- ▶ Development project planning
- ▶ Highway and road traffic engineering
- ▶ Highway and road traffic planning and design
- ▶ Highway and road traffic control and surveillance
- ▶ Road Safety & Accident Studies
- ▶ Railway planning and operations
- ▶ Public transport (bus, paratransit)
- ▶ Airports and ground access
- ▶ Integrated transport/development projects
- ▶ Transport system planning and management
- ▶ Demand forecasting review/independent forecast
- ▶ Project appraisal - financial and economic
- ▶ Tender preparation and evaluation
- ▶ Policy and institutional assessment
- ▶ Fare/Toll/Tariff collection and appraisal
- ▶ Tourism and social / market research

MVA operates in Asia through its head office in Hong Kong; through regional offices in Singapore, Thailand and China; and through associate and project offices in most other major Asian countries.

Road Safety & Accident Studies

MVA offers a complete range of services in all aspects of road and traffic planning, design and operation. Road safety and accident studies are an important part of all such traffic studies, and in design of traffic improvement schemes.

MVA has immense experience in these areas, ranging from developed countries such as UK, Hong Kong and Singapore, to many developing countries in Asia such as India, Philippines, Indonesia and Vietnam.

In addition, MVA provides expertise in specialized safety audit and traffic accident analysis / database studies.

Relevant Project Experience

UK and Europe

Projects range from road safety designs and audits, to accident analysis, safety management studies and research. Examples are detailed in a separate brochure.

Hong Kong

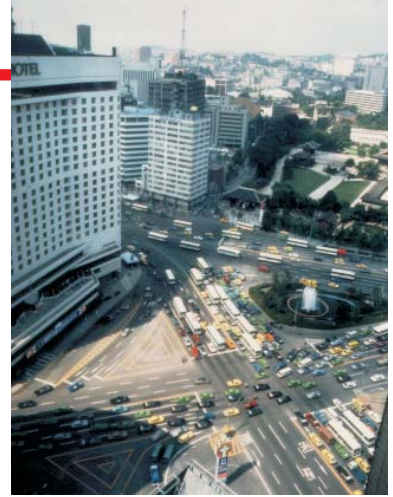
- ▶ Traffic Accident Reduction Study for the Nathan Road Corridor (prime tourist and commercial district of Kowloon). A major study for HK Government focusing on accident data analysis and road safety improvements.
- ▶ Road Accident Data System Development. An earlier study for HK Government to develop Accident Data and Analysis techniques.
- ▶ Tuen Mun Yuen Long LRT. Specialist studies of junction design and control to minimize accidents due to LRT / vehicle / pedestrian conflicts.

China

- ▶ Beijing Traffic & Road Safety Study. Funded by British ODA, this study included road safety audits, technical training and implementation of an accident data recording / analysis system.
- ▶ Guangzhou & Shenzhen Traffic Studies. MVA provided technical training on road safety and accident mitigation techniques.
- ▶ Dalian UTC System. Funded by British DFID, this major urban road improvement study focused on road safety improvements, technical training and techniques for accident data collection and analysis.

South East Asia

- ▶ India Mumbai Traffic Management TA. Funded by World Bank, this 2.5 year training and capacity building TA included extensive work on identification of accident blackspots, accident data analysis, and design of improvement schemes.
- ▶ Vietnam Urban Traffic Management Project. Funded by World Bank to improve road user safety, working closely with the traffic police.
- ▶ Thailand Chiang Mai traffic management. The study included design of junction schemes and ATC systems focussing on improvement of road safety and accident reduction.
- ▶ Korea Seoul traffic data and accident database development project.



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