

Hong Kong International Airport Surface Accessibility and Facility Planning



MVA in Hong Kong

Hong Kong International Airport (HKIA) has consistently been voted one of the best airports in the world since its opening in 1998. HKIA offers a comprehensive network of passenger services and is currently the busiest cargo airport in the world.



Notwithstanding these impressive achievements Airport Authority Hong Kong is constantly striving to further improve its service. The Authority has selected MVA as its partner in the development and enhancement of its surface accessibility and support facilities, as follows:

- ▶ Forecasting of future access demand
- ▶ Recommendation of surface accessibility improvement measures
- ▶ Airport road network enhancement studies
- ▶ Detailed design of transportation facilities
- ▶ Airport support facilities and development planning



MVA has carried out a comprehensive medium to long term transportation study for Hong Kong International Airport. Key tasks included:

- ▶ Development of a detailed transportation model covering road, rail and marine linkages.
- ▶ Forecasting of surface transport demand under a range of aviation and development scenarios.
- ▶ Evaluation of a range of surface access improvement strategies and measures.
- ▶ Recommendation of a set of practical and realizable improvement measures plus an associated implementation plan.



MVA works closely with Airport Authority Hong Kong to constantly improve and upgrade transportation support facilities and associated developments. Examples include:

- ▶ Detailed transportation design support for development of the second passenger terminal.
- ▶ Design and operational analysis for new bus, coach, limousine, taxi and ferry terminus facilities.
- ▶ Pedestrian routeing and movement assessment to determine requirements for new pedestrian facilities.
- ▶ Transportation design and analysis for major new office, retail and leisure developments.



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