

# Beijing Greater CBD Transport Planning Study



MVA completed Beijing CBD Transport Planning Study in 2002 and recommend further studies or design. The local authorities and Beijing CBD Commission is concern about the traffic situation at the CBD surrounding area, which could directly affect the traffic within CBD area.

In 2004, the Beijing CBD Commission asked MVA to do another transport planning study. The study area of this study is much larger than the original CBD area (4 sq. km), at a 82 sq. km. The main objective of this study is to improve the traffic situation both in CBD area and surrounding area.



In this study, MVA did a lot of surveys for trip-rate, traffic flow, speed and model split to find out the key problems. We provided sets of schemes to relief the traffic pressure and evaluate the options by the transport simulation model analysis. For special studies on layout of interchanges or road alignment, we cooperate with some local institutes, who are experienced at engineering designs.

This study also had some sub-report carried out by various local institute. These sub-report included aspects such as ITS, traffic circulation and PT network planning

in the CBD area. MVA's report covered all the important findings in their respective studies.

### The study included :

- ▶ Understanding on existing land use and transport situation
- ▶ Review of current transport planning (highway, PT, railway)
- ▶ Surveys for trip-rate, traffic flow, speed and model split
- ▶ Transport model development
- ▶ Enhancement of road network
- ▶ Grade-separated interchange options
- ▶ Access options for main railway stations
- ▶ Case studies for main roads and junctions
- ▶ Public transport schemes (corridors, depot, interchange, feeder bus)
- ▶ Feedback/advice to land use and population growth
- ▶ Stages of infrastructure development
- ▶ Pedestrian and cyclist facilities (corridors)
- ▶ Traffic management measures
- ▶ Evaluation of options



## Beijing Greater CBD Transport Planning Study

Site Area : 82 sqkm  
Population : 1,470,000 (2010)

### Note :

The above - quoted figures are indicative only & exact details subject to change under corresponding studies.

### MVA Head Office in Asia

26/F China Resources Building  
26 Harbour Road  
Wanchai Hong Kong

Tel : (852) 2529 7037  
Fax : (852) 2527 8490  
mva@mva.com.hk  
www.mva-group.com

