

# Beijing CBD Transport Planning Study



MVA in China

Beijing Central Business District was defined and planned in the Beijing Urban Master Plan since the early 1990s, and gradually constructed in the eastern part of Beijing, with a total area of 4 square kilometers.

There are more than 3 million square meters floor area of the existing business building facilities, including China World Trade Center, Motorola Plaza, the Kerry Center, Hewlett Packard Plaza, Jianguo Hotel. The place accommodates hundreds of famous multinational companies and financial agencies, such as Motorola, Hewlett Packard, Ford, Samsung, UBS AG. Currently, among 160 of the world's Top 500 enterprises with their operations in Beijing, more than 120 have set up offices in the CBD and its surrounding areas.

The total planned construction floor area of Beijing CBD is some 10 million square meters, of which 50% is office buildings, 25% is apartments and the remainder 25% is commercial, service, cultural and entertainment facilities.

To construct a first-class international CBD in Beijing, In 2001 April, the Beijing CBD Commission invited MVA as a International consultant to complete the CBD transport planning study (up to 2010), working with the Beijing Municipal Institute of City Planning & Design.

The most important conclusion of this study is that, we must improve the Public Transport (including railway) service with a high targeted modal share, and control the GFA strictly. In the same time, we need

to provide more efficient road and public transport network in the short term to meet the traffic demand, particularly to solve the capacity problem of access to/from the CBD



area.

### The study included :

- ▶ Understanding on existing land use and transport situation
- ▶ Review of current transport planning (highway, PT, railway)
- ▶ Traffic surveys for model split and others
- ▶ Transport model development
- ▶ Enhancement of road network
- ▶ Grade separated interchange options
- ▶ Options for main metro/railway alignment and stations
- ▶ Case studies for main roads and junctions
- ▶ Public transport schemes (proportion target, 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
- ▶ Connections among the underground parking lots

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Site Area : 4 sqkm  
GFA : 10 million sqm

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

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