

Eastern Development Belt (EDB) Project in Beijing



In the year 2004, an updated Master Plan of Beijing was being compiled. For the Urban Spatial Strategy of Beijing, "Two Axils Two Belts Multi-centers" was proposed for the development of the updated Master Plan. In order to support this Urban Spatial Strategy, Beijing municipal transport commission conducts a range of Traffic Planning Studies, of which one is the traffic study of the eastern development belt (EDB). The EDB is a major urban/rural region of the Beijing Municipality comprising approximately 10,000 square kilometers stretching from Mi Yun and Huai Rou in the north to Yong Le in the south.

Purpose of study :

Form of urban development, how different functional sub-section integrates with transport system. Establish the traffic development strategy to encourage the eastern development belt in Beijing. Propose the main frame of traffic network and its infrastructure to form the foundation of the sustainable development.

MVA Task :

1. Review the relevant international and domestic experience related to the existing and proposed plans of Beijing.
2. Proposed the transport development strategy
 - ▶ Relationship between land-use and transport infrastructure development.
 - ▶ Traffic development modal strategy, and its corresponding policy and measurement.

3. Develop comprehensive transport model and prepare traffic forecast.
 - ▶ Survey on traffic demand and supply.
 - ▶ Four-stage model for the full municipality.
 - ▶ Model application and assignment for the eastern development belt.
 - ▶ Traffic forecast
4. Plan for the infrastructure of transport system and network.
 - ▶ Model application and assignment for the eastern development belt.
 - ▶ The network of road, public transport and railway.
 - ▶ Interchange Hubs and Nodes
 - ▶ Network performances
 - ▶ Freight transport planning
 - ▶ Scheme evaluation



EDB Project in Beijing

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

