

Beijing Metro Line 4 Patronage and Revenue Forecast



Beijing had high economic growth since mid 1980s. By 1990's, the highly concentrated commercial development in the central area of Beijing created pressure to the urban transportation network. At the same time, because of the natural population growth and the migration of village population to urban area, the increase rate of Beijing urban population was around 3% per annum.

Existing public transport system in Beijing (Metro & Bus), including Taxi & private Bus, serves about 40% of all daily trips. At present only 4% of trips uses metro. To alleviate the traffic congestion, government wants to increase the share for using the metro. Therefore, some experts proposed expansion of the existing metro system by at least three more lines in short future.

Upon this background, MVA was commissioned by Hong Kong MTRCL & Beijing Infrastructure Investment Company Limited in late 2003 to carry out a patronage and revenue forecast study for Beijing metro line 4.

The study tasks include:

- ▶ Compile & review available data
- ▶ Compile transport network inventory
- ▶ Review and refine model parameter
- ▶ Define base case forecasting scenario
- ▶ Refine the transportation model
- ▶ Prepare basic case forecast

- ▶ Prepare sensitive test, and
- ▶ Prepare report

Beijing Metro Line 4 Project

Length	: 28.65 km
Number of Stations	: 24
Completion Time	: End of 2007

Note :

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

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