

MIKE SHARROCKS CONSULTANCY

Tourism Feasibility • Development Planning • Urban Design • Urban Regeneration • Environmental Appraisal

China

SHENZHEN METRO RAILWAY PROJECT, GUANGDONG PROVINCE

For the Shenzhen Urban Transport Center, 2002

The Urban Planning and Design Institute of Shenzhen and Townland Consultants Ltd (Hong Kong) were appointed to provide a planning and economic input to a pre-feasibility assessment of proposed railway lines for the city of Shenzhen. Mike Sharrocks provided the land use planning, environmental and development potential assessment for this work.



Shenzhen, located on the Hong Kong SAR border, is a rapidly expanding and prosperous city in southern China. Two urban railway lines were under construction during Phase 1 and another four were planned for Phase 2. Initially, a pre-feasibility study was required to assess various options for each of these four lines (totalling 46kms of line and 35 stations), and subsequently for extensions to two of them.

Mike Sharrocks set out the approach and methodology for assessing the alignment options. This required identifying what the critical factors in decision-making should be, and what the key issues and guiding principles were in selecting the preferred alignments. Baseline information was collected and all the proposed routes and station locations were evaluated, especially in terms of development potential. Preferred alignments and station locations were recommended for all the lines and their proposed extensions.

Some of the proposed routes and stations would help to stimulate urban renewal in the central areas. However, much of the length of the proposed alignment options were routed through planned rather than existing areas. Given this, guiding principles for land use planning and development close to proposed station locations were outlined. A sketch layout scheme was prepared for one of the key development areas.



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