

## SECTION 1 - TRANSPORT INFRASTRUCTURE MAPS

### Existing Transport Infrastructure

The existing road infrastructure and railways as at the end of 1999 are shown in Figures 1, 2 and 3 respectively. Major items commissioned in the year of 1999 include the Pok Oi Flyover in Yuen Long, the Hung Hom Bypass and the associated Princess Margaret Road link.

### Major Road and Rail Infrastructure Proposals

The major road infrastructure proposals on Hong Kong Island and in Kowloon are shown in Figure 4 and the proposals in the New Territories are shown in Figure 5. The details of major projects under construction are shown in Table 1.1, major projects under feasibility study/detailed design are in Table 1.2, and major projects under conceptual planning are in Table 1.3.

The committed railway projects are shown in Figure 6 and listed in Table 1.4. The committed railway projects will provide the necessary additional capacity to meet future travel demand to be generated, and the functions of the committed railway projects are briefly described as follows. The West Rail (Phase I) will provide passenger service between Tuen Mun and West Kowloon. The Tseung Kwan O Extension, Ma On Shan Rail together with the Extension of East Rail from Hung Hom to Tsim Sha Tsui, and Penny's Bay Rail Link will provide convenient access to the respective future developments. The Sheung Shui to Lok Ma Chau Spur Line will relieve the existing congestion at Lo Wu Station and provide additional capacity to meet future demand for cross boundary services. Other proposed railway projects can be found in the *Railway Development Strategy 2000* issued by Transport Bureau in May 2000.

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**Figure 1**  
 EXISTING ROAD INFRASTRUCTURE  
 ON HONG KONG ISLAND AND IN KOWLOON



**Figure 2**

EXISTING ROAD INFRASTRUCTURE  
IN THE NEW TERRITORIES AND ON LANTAU ISLAND

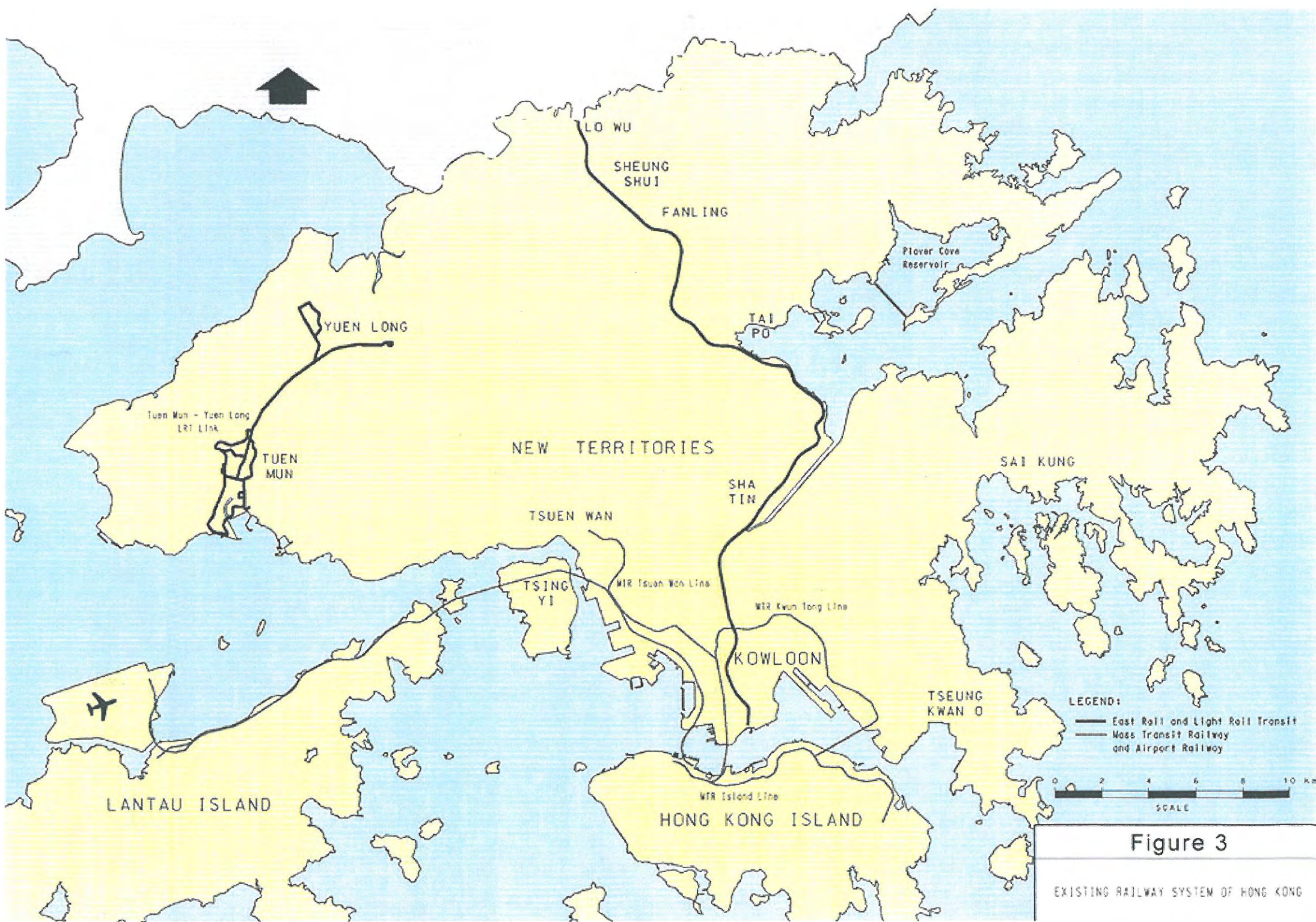
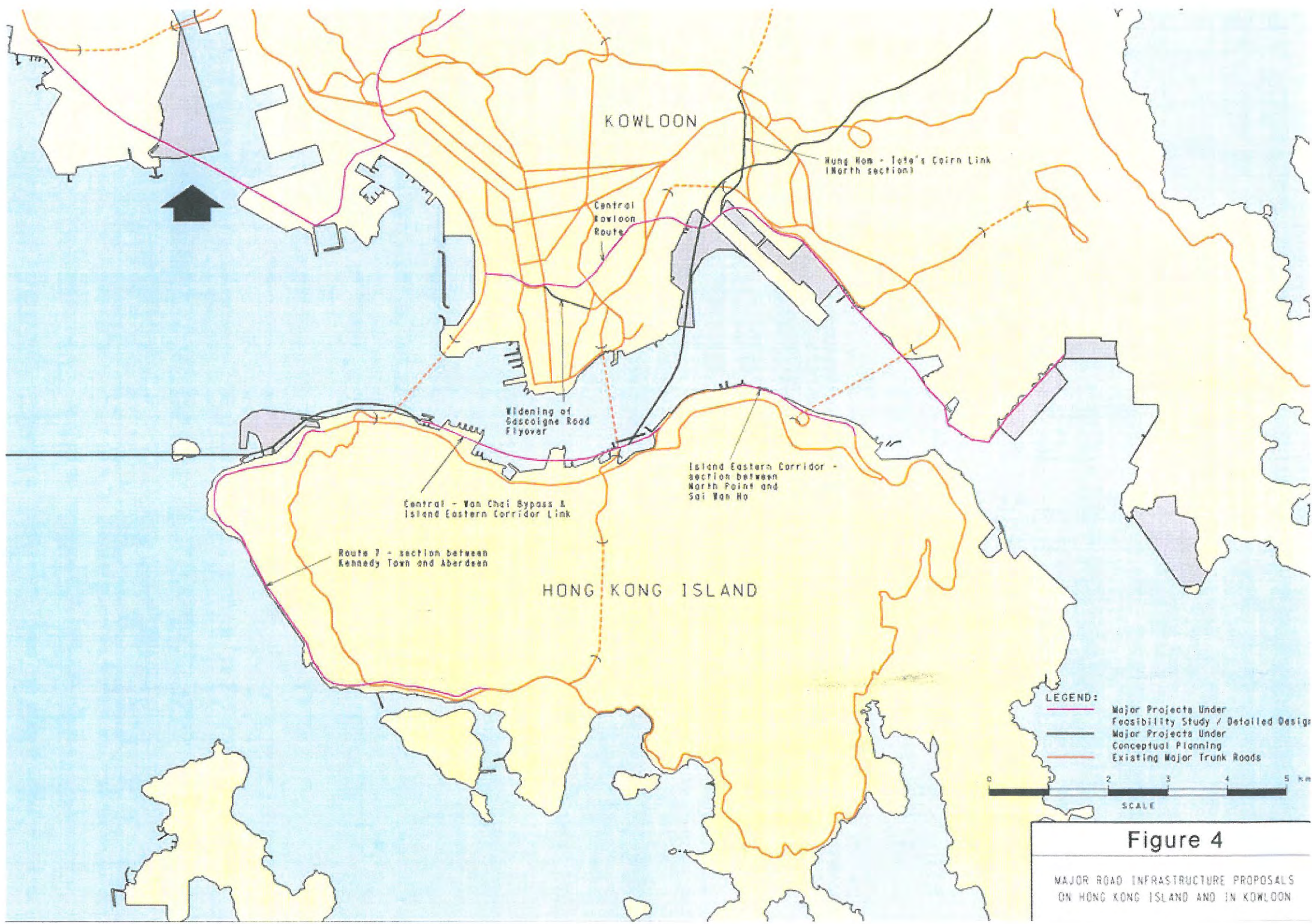


Figure 3

EXISTING RAILWAY SYSTEM OF HONG KONG



**LEGEND:**

- Major Projects Under Feasibility Study / Detailed Design
- Major Projects Under Conceptual Planning
- Existing Major Trunk Roads



**Figure 4**

MAJOR ROAD INFRASTRUCTURE PROPOSALS  
ON HONG KONG ISLAND AND IN KOWLOON





LEGEND:

- Committed Railway Projects
- East Rail and Light Rail Transit
- Mass Transit Railway and Airport Railway

0 2 4 6 8 10 km  
SCALE

Figure 6

COMMITTED RAILWAY PROJECTS

**Table 1.1 Major Highway Projects Under Construction**

Project	Length (km)	Construction Cost (APE figure in \$ billion MOD)	Construction Start Date	Scheduled Completion Date
Improvements to Tuen Mun Road	8.5	1.3	mid 1994	December 2000
Improvements to Castle Peak Road from Siu Lam to So Kwun Tan	2.5	0.4	early 1997	mid 2000
Widening of Tolo Highway between Island House Interchange and Ma Liu Shui Interchange	5.4	2.5	early 1999	early 2002
Tsing Yi North Coastal Road	2.2	1.6	early 1999	early 2002
Stage 1 of Improvement to Kam Tin Road	1.2	0.15	mid 1999	late 2001
Widening of Fo Tan Road	1.5	0.5	late 1999	early 2003

Note : APE - approved project estimate  
 MOD - money-of-the-day



**Table 1.2 Major Highway Projects Under Feasibility Study/Detailed Design**

Project Title	Length (km)	Estimated Construction Cost (\$billion) (Dec 99 price)	Anticipated Construction Start Date	Anticipated Completion Date
Central - Wan Chai Bypass & Island Eastern Corridor Link	4	10.4	late 2000	late 2010
Route 9 between Tsing Yi and Cheung Sha Wan	7.6	13.8	mid 2002	2007
Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling	8.7	3.4	mid 2003	late 2006
Improvements to Castle Peak Road section between Ka Loon Tsuen and Siu Lam	2.5	1.3	mid 2003	early 2007
North - South Link between Tai Ho Wan and Mui Wo	6.2	1.4	2002	mid 2004
Route 5 - section between Shek Wai Kok and Chai Wan Kok	2	1.0	late 2000	late 2005
Castle Peak Road Improvement between Tsuen Wan Area 2 and Ka Loon Tsuen	8.6	3.3	2001	early 2005
Island Eastern Corridor - section between North Point and Sai Wan Ho	2.5	0.8	mid 2000	late 2003
Chok Ko Wan Link Road	3.3	4.4	2001	2007
Route 9 - section from Sha Tin to Cheung Sha Wan	5.5	7.6	mid 2003	2007
Kam Tin Bypass and Stage 2 improvements to Kam Tin Road	5.3	0.8	mid 2001	early 2007
Central Kowloon Route	4.2	9.5	late 2005	late 2009
Route 7 - section between Kennedy Town and Aberdeen	8	9.6	2003	2010
Route 10				
- North Lantau Section	2.6 )	1.6 )	early 2002	mid 2007
- Tsing Lung Bridge	1.8 ) 13.2	8.2 ) 24.1	early 2002	mid 2007
- Tsing Lung Tau-So Kwun Wat	4.0 )	7.0 )	late 2003	mid 2007
- So Kwun Wat-Yuen Long Highway	4.8 )	7.3 )	early 2004	mid 2007
Tseung Kwan O Western Coast Road	3.3	4.7	Program Under Review	
Deep Bay Link	5.4	7.7	2002	2005

**Table 1.3 Major Highway Projects Under Conceptual Planning**

Project Title	Length (km)	Estimated Construction Cost (\$billion) (Dec 98 price)	Tentative Construction Start Date	Tentative Completion Date
Road P1 from Tai Ho to Yam O	7.6	3.0	2003	2007
Road P1 from Tung Chung to Tai Ho	6.0	0.3	2004	2007
Widening of Gascoigne Road Flyover	1.3	1.1	late 2004	late 2007
Route 10 (Hong Kong to Lantau Island)	10	27.4	Program Under Review	
Tuen Mun Port Expressway	7.9	7.5		
Tuen Mun Southern Bypass	4	5.2		
Hung Hom-Tate's Cairn Link (North section)	2.4	2.0		
Reconstruction and Improvement of Tuen Mun Road	19	2.4		
Eastern Highway	43.2	38.3		
East-West Expressway	13.1	13.6		
Tuen Mun - Chek Lap Kok Link	8.8	16.3		

**Table 1.4 Committed Railway Projects**

Project	Length (km)	Scheduled Completion Date	Project Cost (in \$ billion MOD)
West Rail Phase I	30.5	end 2003	51.7
Tseung Kwan O Extension	12.5	end 2002	30.5
Ma On Shan Rail	11.4	2004	) ) 16.3
Tsim Sha Tsui Extension	1.0	2004	
Sheung Shui to Lok Ma Chau Spur Line	7.4	2004	7.4
Penny's Bay Rail Link	3.7	2005	2.6

Note : MOD – money-of-the-day