

**For information**

**Legislative Council Panel on Transport**

**785TH – Trunk Road T2**

**PROPOSAL**

This paper informs Members of our proposal to upgrade part of **785TH** – Trunk Road T2 to Category A to engage consultants to undertake the investigation and design works of Trunk Road T2.

**BACKGROUND**

2. Arising from the Court of Final Appeal's Judgment in January 2004 on harbour reclamation<sup>1</sup>, the Administration has conducted a comprehensive review on the Kai Tak Development (KTD) (formerly known as South East Kowloon Development) which covered Trunk Road T2, comprising a Planning Review and an Engineering Review. The Planning Review aimed at formulating the overall development plan of KTD. After extensive public engagement conducted from 2004 to 2006, the Kai Tak Outline Zoning Plan was completed and approved by the Chief Executive in Council in November 2007. Following the Planning Review, the Engineering Review was commissioned to assess the engineering feasibility and environmental acceptability of the recommendations made in the Planning Review.

**PROJECT SCOPE AND NATURE**

3. The scope of **785TH** comprises –
- (a) a dual two-lane trunk road of approximately 3.6 kilometres (km) long connecting the Central Kowloon Route (CKR) and Tseung Kwan O-Lam Tin Tunnel (TKO-LT Tunnel). About 2.6 km of

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<sup>1</sup> The judicial review applied by the Society for Protection of the Harbour Limited on 25 September 2003.

the trunk road is in the form of a tunnel;

- (b) temporary reclamation for construction of the tunnel, temporary relocation of existing breakwaters of the Kwun Tong Typhoon Shelter and reconstruction of sewage submarine outfall at the Kwun Tong Preliminary Treatment Works;
- (c) ventilation and administration buildings and a traffic control and surveillance system; and
- (d) associated civil, electrical, mechanical, landscaping and environmental protection and mitigation works.

———— A plan showing the preliminary alignment of Trunk Road T2 is at **Enclosure 1**.

4. The part of **785TH** we now propose to upgrade to Category A comprises –

- (a) impact assessments on environment, traffic, marine, heritage and other related aspects;
- (b) the detailed design of the works described in paragraph 3 above; and
- (c) associated site investigations and supervision.

5. We plan to start the investigation and design works of Trunk Road T2 in October 2009 for completion in early 2012. We intend to start the construction works in 2012 for completion in 2016. The project cost of **785TH** is about \$7.9 billion in September 2008 prices.

## **JUSTIFICATION**

6. Trunk Road T2, together with the proposed CKR and TKO-LT Tunnel, will form Route 6 in the strategic road network. Route 6 will provide an east-west express link between West Kowloon and Tseung Kwan O (TKO). Route 6 will also provide the necessary relief to the

existing heavily utilised road network in the central and eastern Kowloon areas, and reduce the related environmental impacts on these areas. A location plan showing the indicative alignment of Route 6 is at **Enclosure 2**.

7. The CKR is planned to complete in 2016 to avoid serious congestion in major east-west road links such as Gascoigne Road Flyover and Chatham Road North. The TKO-LT Tunnel is also planned to complete in 2016 to meet the anticipated traffic demand generated from further development of TKO. Trunk Road T2, being the middle section of Route 6 connecting the CKR and TKO-LT Tunnel, is therefore targeted to complete in 2016 to tie in with the completion of the remaining sections of Route 6.

## **THE PROPOSED INVESTIGATION AND DESIGN WORKS**

8. The proposed investigation and design works are for the detailed design of Trunk Road T2. We will also carry out environmental impact assessments in association with the investigation and design works to assess the environmental impacts and identify the mitigation measures required. To comply with the Protection of the Harbour Ordinance, cogent and convincing materials on the temporary reclamation works will be prepared and public consultation will be conducted. As the Civil Engineering and Development Department does not have the necessary in-house resources, we need to employ consultants to undertake the investigation and design works of Trunk Road T2.

## **FINANCIAL IMPLICATIONS**

9. We estimate the cost of the investigation and design works of Trunk Road T2 to be \$133.3 million in money-of-the-day (MOD) prices, made up as follows –

		<b>\$ million</b>	
(a)	Consultants' fees	94.0	
	(i) Impact assessments (environment, traffic, marine, heritage, etc.)	22.7	
	(ii) Detailed design	69.1	
	(iii) Supervision of site investigations	2.2	
(b)	Site investigations	19.9	
(c)	Contingencies	11.0	
	Sub-total	124.9	(in September 2008 prices)
(d)	Provision for price adjustment	8.4	
	Total	133.3	(in MOD prices)

10. The proposed investigation and design works have no recurrent financial implication. We estimate that the proposed works will create about 67 jobs (51 for professional/technical staff and 16 for labourers).

## **PUBLIC CONSULTATION**

11. We consulted the Kwun Tong, Wong Tai Sin and Kowloon City District Councils on 6 January, 6 January and 22 January 2009 respectively on the latest progress of KTD which covered the investigation and design works of Trunk Road T2. They are generally supportive of the early implementation of the project.

12. On 20 January 2009, the Administration provided the Panel on Development (Development Panel) of the Legislative Council (LegCo) with an overview of the current implementation plan for KTD and the scope of seven KTD-related infrastructure projects which the Administration plans to seek funding approval from the Finance Committee (FC) of the LegCo in the second quarter of 2009, including the investigation and design works of Trunk Road T2. Members of the Development Panel noted the proposed implementation plan of KTD.

## **ENVIRONMENTAL IMPLICATIONS**

13. As part of KTD, Trunk Road T2 was included in the Schedule 3 EIA Report of KTD submitted to the Director of Environmental Protection under the Environmental Impact Assessment (EIA) Ordinance on 24 October 2008 and it was approved on 4 March 2009. In addition, as Trunk Road T2 is a Schedule 2 Designated Project requiring an Environmental Permit for construction, we will carry out an EIA study as part of the investigation and design works to assess the potential environmental impacts of the road and identify the mitigation measures required.

14. The proposed investigation and design works will not give rise to any adverse environmental implication and will only generate very little construction waste. We will require the consultant to fully consider measures to minimise the generation of construction waste and to reuse/recycle construction waste as much as possible in the next implementation stage of the project.

## **LAND ACQUISITION**

15. The proposed site investigation works will not require land acquisition or resumption.

## **WAY FORWARD**

16. We intend to seek the funding support of the Public Works Sub-committee and the FC of the LegCo in May 2009 to upgrade part of **785TH** to Category A for the investigation and design works of Trunk

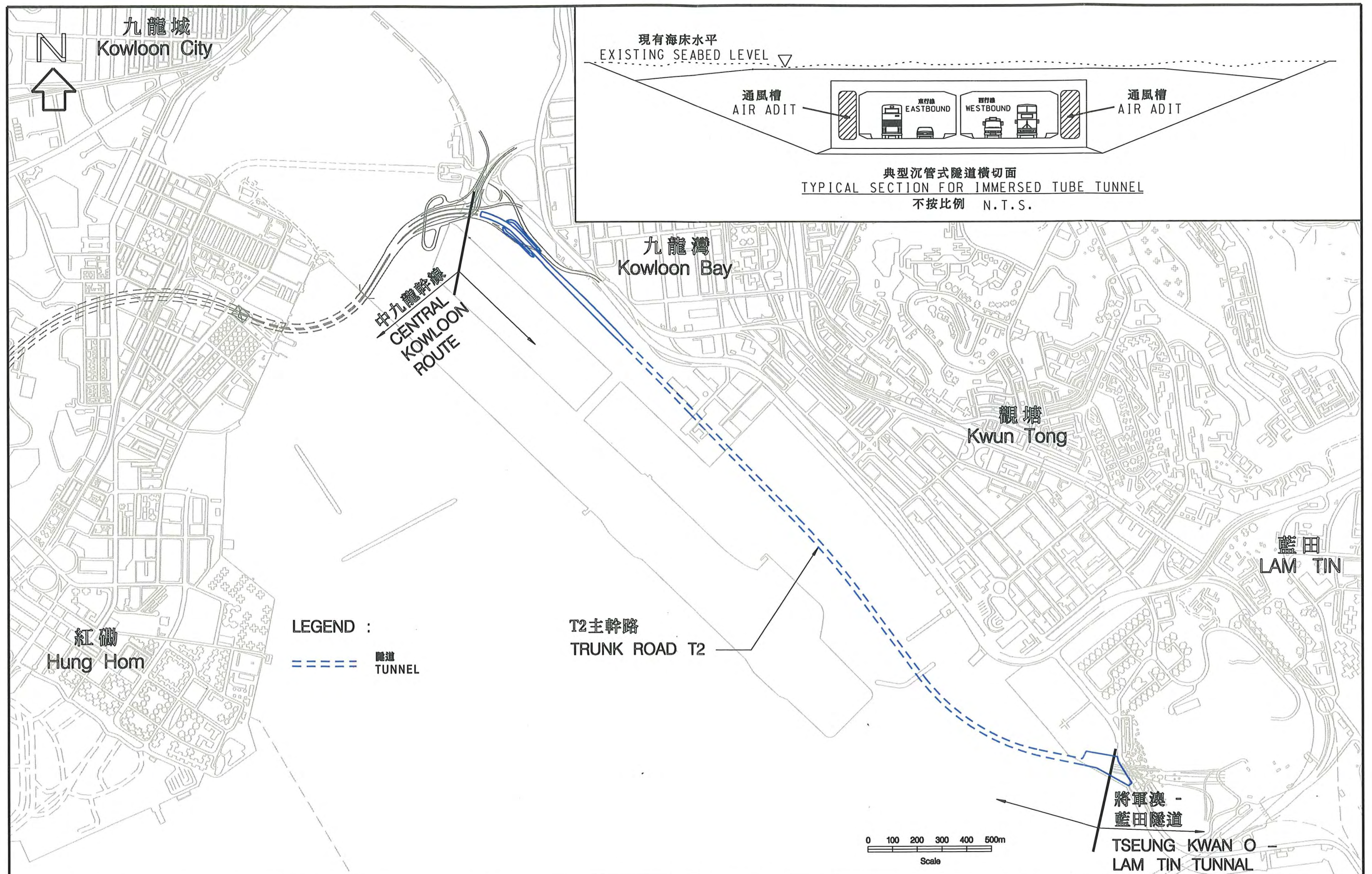
Road T2. Subject to funding approval, we plan to start the investigation and design works of Trunk Road T2 in October 2009 for completion in early 2012.

### **ADVICE SOUGHT**

17. Members are invited to note the content of this paper.

Transport and Housing Bureau  
March 2009





圖則名稱 Drawing title

T2主幹路  
TRUNK ROAD T2

繪圖 Drawn

Tony Tsui

簽署 Initial

signed

日期 Date

9 Dec 2008

項目編號 Item no.

- N.A. -

辦事處 Office

九龍拓展處

KOWLOON DEVELOPMENT OFFICE

核對 Checked

David Leung

簽署 Initial

signed

日期 Date

9 Dec 2008

比例尺 Scale

As shown

核准 Approved

- N.A. -

簽署 Initial

- N.A. -

日期 Date

- N.A. -

圖則編號 Drawing no.

KZ 555

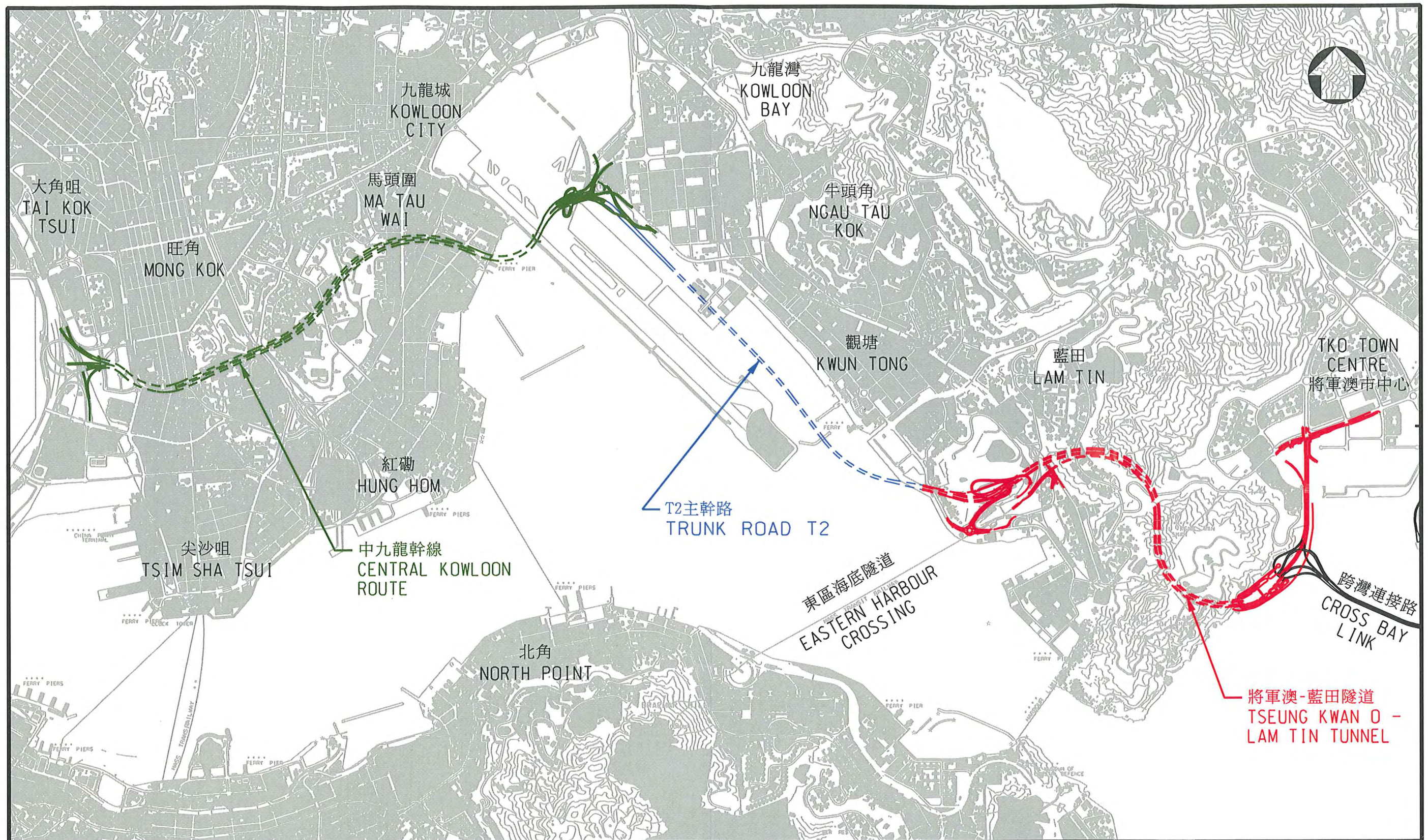


土木工程拓展署  
CIVIL ENGINEERING  
AND DEVELOPMENT DEPARTMENT

Enclosure 1

附件一





圖則名稱 drawing title

六號幹線示意走線位置圖  
LOCATION PLAN OF THE INDICATIVE  
ALIGNMENT OF ROUTE 6

繪圖 drawn  
W.L. LEUNG

簽署 initial  
Signed

日期 date  
10.12.08

項目編號 item no.  
N.A.

辦事處 office

九龍拓展處  
KOWLOON DEVELOPMENT OFFICE

核對 checked  
DAVID  
LEUNG

簽署 initial  
Signed

日期 date  
10.12.08

比例 scale  
1 : 40 000 (FOR A4)

核准 approved  
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簽署 initial  
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日期 date  
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圖則編號 drawing no.  
KZ 556



土木工程拓展署  
CIVIL ENGINEERING  
AND DEVELOPMENT  
DEPARTMENT

ENCLOSURE 2

附件二