

立法會 *Legislative Council*

LC Paper No. CB(4)1222/17-18(04)

Ref : CB4/PL/TP

Panel on Transport Meeting on 15 June 2018

Background brief on Trunk Road T2 and Cha Kwo Ling Tunnel

Purpose

This paper provides background information on Trunk Road T2 and Cha Kwo Ling Tunnel ("CKL Tunnel"). It also summarizes the major views and concerns expressed by Legislative Council ("LegCo") Members in previous discussions on the above and related subjects.

Background

Trunk Road T2

2. Trunk Road T2 is a dual two-lane trunk road of approximately 3 km long connecting the proposed Central Kowloon Route and Tseung Kwan O — Lam Tin Tunnel ("TKO-LTT"). About 2.7 km of the trunk road is in the form of a tunnel. The alignment of Trunk Road T2 is in **Appendix I**.

3. Trunk Road T2, together with Central Kowloon Route and TKO-LTT will form the Route 6 alignment in the strategic road network (**Appendix II**). Route 6 will provide an east-west express link between West Kowloon and Tseung Kwan O and provide the necessary relief to the existing heavily utilized road network in the central and eastern Kowloon areas.

4. On 5 June 2009, the Finance Committee ("FC") approved the Administration's proposal to upgrade part of 785TH, entitled "Trunk Road T2 — investigation and design", to Category A at an estimated cost of \$133.6 million in money-of-the-day prices to engage consultants

to undertake the investigation, design and the associated site investigation works of Trunk Road T2. The project scope comprised impact assessments on environment, traffic, marine, heritage and other related aspects; detailed design of the works; and associated site investigations and supervision for Trunk Road T2.

5. Consultancy study on the Trunk Road T2 project commenced in July 2009. An environmental impact assessment ("EIA") study was conducted as part of the investigation and design works to assess the potential environmental impacts, including the impact on the operation of the Kwun Tong typhoon shelter and its water quality. The EIA report was approved in September 2013. As at April 2018, Trunk Road T2 was under detailed design.

6. According to the Administration, as Trunk Road T2 was the middle section of the strategic Route 6, the Administration would seek funding approval from LegCo in a timely manner for the construction of the project to tie in with the completion date of Central Kowloon Route (i.e. in around 2025).

Cha Kwo Ling Tunnel

7. On 10 May 2013, FC approved the Administration's proposal to upgrade part of 823TH, entitled "Tseung Kwan O——Lam Tin Tunnel——detailed design and site investigation", to Category A at an estimated cost of \$196 million in money-of-the-day prices, which included a dual two-lane tunnel (i.e. CKL Tunnel) of approximately 0.4 km long between the proposed Lam Tin Interchange and Trunk Road T2 with associated cross passages.

8. On 17 June 2016, FC approved the Administration's proposal to construct the main tunnel and associated works of TKO-LTT, while the construction of CKL Tunnel was not included. According to the Administration, the construction works of CKL Tunnel would be taken forward in conjunction with the Trunk Road T2 project. The Administration would seek funding approval from LegCo in a timely manner for the construction of CKL Tunnel so that its completion could tie in with that of the Trunk Road T2.

Major views and concerns raised by Legislative Council Members

9. The major views and concerns of LegCo Members on Trunk Road T2 and CKL Tunnel are summarized in the ensuing paragraphs.

Investigation, design and the associated site investigation works of Trunk Road T2

10. When discussing the financial proposal on 785TH, entitled "Trunk Road T2——investigation and design", at the Public Works Subcommittee meeting on 7 May 2009, some members voiced out the concerns of some lot owners in Cha Kwo Ling that the alignment of the trunk road in the form of tunnel might affect the redevelopment rights of their existing land lots. The Administration replied that the issue was being studied separately under the approved investigation and preliminary design of TKO-LTT which would be connected with Trunk Road T2. The Administration would undertake consultation with Cha Kwo Ling residents concerned in taking forward the projects.

11. Noting that Trunk Road T2 would connect Central Kowloon Route and TKO-LTT in the form of an immersed tube tunnel, some members considered that the tunnel portion should be extended to reduce the length of the surface road section, and hence the traffic impact on adjacent developments such as the Kai Tak Development. They enquired whether better alignment options would be explored during the investigation study. In reply, the Administration explained that the alignment in question would be further reviewed as appropriate under the proposed investigation and detailed design works.

12. At the Council meeting of 25 February 2015, a Member raised a question, asking about how the judicial review of the EIA report of the Hong Kong-Zhuhai-Macao Bridge ("HZMB") had affected EIA of the Route 6 projects (including the Trunk Road T2 project), and on respective work progress schedules and cost estimates. He also enquired about the number of views received on the proposed works of Trunk Road T2 during their gazettal periods, and whether all the views received had been dealt with.

13. In response, the Administration explained that after the Court of First Instance had handed down its judgment on the judicial review case regarding the EIA reports of HZMB on 18 April 2011, the Administration reviewed the comprehensiveness of the then on-going EIA of the Route 6 projects, including the Trunk Road T2 project, and considered how best to meet the requirements laid down by the Court of First Instance's judgment.

14. Subsequently, the Court of Appeal allowed the Director of Environmental Protection's appeal. The judgment confirmed the validity of the environmental permits issued by the Director of Environmental Protection. Therefore, the above judicial review case did

not have too much impact on the overall design and planning works of the Route 6 projects, including the Trunk Road T2 project. The Administration also added that upon the gazettal of the proposed works of Trunk Road T2, no objection was received and the project had hence been authorized.

Implementation of Cha Kwo Ling Tunnel and Trunk Road T2

15. At its meeting on 23 March 2016, the Panel on Transport ("the Panel") noted that CKL Tunnel would connect TKO-LTT with Trunk Road T2 but the Administration would only seek funding approval for the construction of CKL Tunnel at a later stage. Some members considered it more preferable to construct CKL Tunnel, which was only 0.4 km in length together with TKO-LTT to save cost. They were also concerned that if the commissioning of Trunk Road T2 could not tie in with that of TKO-LTT in 2021, the additional traffic from TKO-LTT would cause serious traffic congestion in Kowloon East. In response, the Administration advised that the implementation of Trunk Road T2 would align with the construction timetable of Central Kowloon Route, which would be taken forward expeditiously.

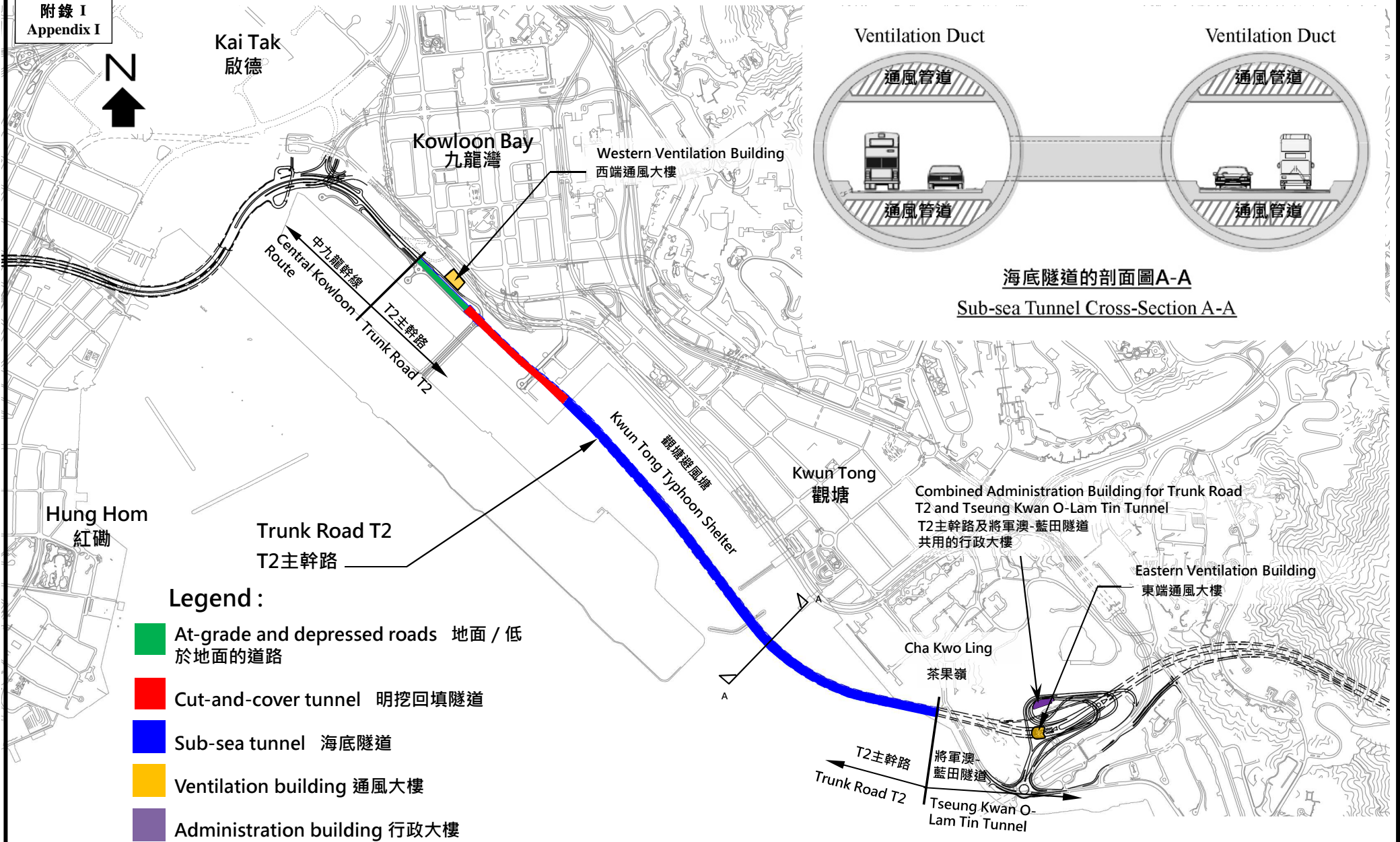
16. At the Panel meeting on 17 March 2017, some members asked when the Administration would take forward the Trunk Road T2 project. The Administration advised that the construction of TKO-LTT was targeted for completion in 2021 and that of Central Kowloon Route in 2025. The Trunk Road T2 project was relatively less complicated, and the target was to take it forward timely such that the commissioning of Trunk Road T2 would dovetail with that of Central Kowloon Route.

Latest developments

17. As mentioned in paragraphs 6 and 8, the Administration will consult members on the proposed construction of Trunk Road T2 and CKL Tunnel as a part of the new strategic road, Route 6, to alleviate traffic congestion along Kwun Tong Road during peak hours at the Panel meeting to be held on 15 June 2018.

Relevant papers

18. A list of relevant papers is in **Appendix III**.



圖則名稱 Drawing title

Trunk Road T2
T2 主幹路

繪圖 Drawn

C.K. WONG

簽署 Initial

SIGNED

日期 Date

09 JUN 2014

項目編號 Item no.

- N.A. -

辦事處 Office

九龍拓展處
KOWLOON DEVELOPMENT OFFICE

核對 Checked

S.K. NG

簽署 Initial

SIGNED

日期 Date

09 JUN 2014

比例尺 Scale

N.T.S.

核准 Approved

Joyce LAU

簽署 Initial

SIGNED

日期 Date

09 JUN 2014

圖則編號 Drawing no.

KZ789

 **土木工程拓展署**
CIVIL ENGINEERING
AND DEVELOPMENT DEPARTMENT

六號幹線走線圖
Route 6 alignment



資料來源： <http://www.trunkroadt2.gov.hk/tc/overview.html> [於 2018 年 6 月登入]。

Source: <http://www.trunkroadt2.gov.hk/en/overview.html> [Accessed June 2018].

Background brief on Trunk Road T2 and Cha Kwo Ling Tunnel

List of relevant papers

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
20.3.2009	Panel on Transport	Administration's paper on 785TH — Trunk Road T2	CB(1)1051/08-09(01) https://www.legco.gov.hk/yr08-09/english/panels/tp/papers/tp0320cb1-1051-1-e.pdf
		Minutes of meeting	CB(1)1611/08-09 https://www.legco.gov.hk/yr08-09/english/panels/tp/minutes/tp20090320.pdf
7.5.2009	Public Works Subcommittee	Administration's paper on 785TH — Trunk Road T2	PWSC(2009-10)23 http://www.legco.gov.hk/yr08-09/english/fc/pwsc/papers/p09-23e.pdf
		Minutes of meeting	PWSC112/08-09 https://www.legco.gov.hk/yr08-09/english/fc/pwsc/minutes/pwsc20090507.pdf
5.6.2009	Finance Committee	Administration's paper	FCR(2009-10)19 https://www.legco.gov.hk/yr08-09/english/fc/fc/papers/f09-19e.pdf
		Minutes of meeting	FC7/09-10 https://www.legco.gov.hk/yr08-09/english/fc/fc/minutes/fc20090605.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
18.10.2011	Panel on Transport	Administration's paper on transport-related policy initiatives of the Transport and Housing Bureau under the 2011-2012 Policy Address and Policy Agenda	CB(1)54/11-12(01) https://www.legco.gov.hk/yr11-12/english/panels/t/p/papers/tp1018cb1-54-1-e.pdf
		Administration's follow-up paper	CB(1)968/11-12(01) https://www.legco.gov.hk/yr11-12/english/panels/t/p/papers/tp1018cb1-968-1-e.pdf
		Minutes of meeting	CB(1)706/11-12 https://www.legco.gov.hk/yr11-12/english/panels/t/p/minutes/tp20111018.pdf
13.3.2013	Public Works Subcommittee	Administration's paper on 823TH — Tseung Kwan O — Lam Tin Tunnel	PWSC(2012-13)58 https://www.legco.gov.hk/yr12-13/english/fc/pwsc/papers/p12-58e.pdf
		Minutes of meeting	PWSC47/12-13 https://www.legco.gov.hk/yr12-13/english/fc/pwsc/minutes/pwsc20130313.pdf
10.5.2013	Finance Committee	Administration's paper	FCR(2013-14)2 https://www.legco.gov.hk/yr12-13/english/fc/fc/papers/f13-02e.pdf
		Minutes of meeting	FC15/13-14 https://www.legco.gov.hk/yr12-13/english/fc/fc/minutes/fc20130510.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
10.5.2013	--	Administration's press release on proposed works of Tseung Kwan O — Lam Tin Tunnel gazetted	http://www.info.gov.hk/gia/general/201305/10/P201305100328.htm
5.9.2014	--	Administration's press release on proposed works of Route 6 — Trunk Road T2 gazetted	http://www.info.gov.hk/gia/general/201409/05/P201409020625.htm
25.2.2015	Council meeting	Council question raised by Hon WONG Kwok-kin on traffic situation in East Kowloon	http://www.info.gov.hk/gia/general/201502/25/P201502240622.htm
23.3.2016	Panel on Transport	Administration's paper on 823TH — Tseung Kwan O — Lam Tin Tunnel	CB(4)736/15-16(04) https://www.legco.gov.hk/yr15-16/english/panels/tp/papers/tp20160323cb4-736-4-e.pdf
		Administration's follow-up paper	CB(4)952/15-16(01) https://www.legco.gov.hk/yr15-16/english/panels/tp/papers/tp20160323cb4-952-1-e.pdf
		Minutes of meeting	CB(4)1302/15-16 https://www.legco.gov.hk/yr15-16/english/panels/tp/minutes/tp20160323.pdf
7.4.2016	Finance Committee (Special meeting)	Replies to initial written questions raised by Finance Committee members in examining the Estimates of	https://www.legco.gov.hk/yr15-16/english/fc/fc/wq/thb-t-e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Expenditure 2016-2017 (Session No.: 14) (Reply Serial Nos. THB(T)016, THB(T)017, THB(T)119, THB(T)217, THB(T)218 and THB(T)398)	
27.4.2016	Council meeting	Council question raised by Dr Hon Elizabeth Quat on Sai Kung road improvement measures and berthing space	http://www.info.gov.hk/gia/general/201604/27/P201604260819.htm
18.5.2016 21.5.2016	Public Works Subcommittee	Administration's paper on 823TH — Tseung Kwan O — Lam Tin Tunnel	PWSC(2016-17)14 https://www.legco.gov.hk/yr15-16/english/fc/pwsc/papers/p16-14e.pdf
		Administration's follow-up paper	PWSC227/15-16(01) https://www.legco.gov.hk/yr15-16/english/fc/pwsc/papers/pwsc20160518pwsc-227-1-e.pdf
		Minutes of meetings	PWSC246/15-16 http://www.legco.gov.hk/yr15-16/english/fc/pwsc/minutes/pwsc20160518.pdf PWSC247/15-16 https://www.legco.gov.hk/yr15-16/english/fc/pwsc/minutes/pwsc20160521.pdf
17.6.2016	Finance Committee	Administration's paper	FCR(2016-17)42 https://www.legco.gov.hk/yr15-16/english/fc/fc/papers/f16-42e.pdf

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
		Minutes of meetings	FC320/15-16 https://www.legco.gov.hk/yr15-16/english/fc/fc/minutes/fc20160617.pdf FC321/15-16 https://www.legco.gov.hk/yr15-16/english/fc/fc/minutes/fc20160617a.pdf
17.3.2017	Panel on Transport	Administration's paper on 461TH—— Central Kowloon Route —— main works	CB(4)666/16-17(03) https://www.legco.gov.hk/yr16-17/english/panels/tp/papers/tp20170317cb4-666-3-e.pdf
		Minutes of meeting	CB(4)1470/16-17 https://www.legco.gov.hk/yr16-17/english/panels/tp/minutes/tp20170317.pdf
7.6.2017	Council meeting	Council question raised by Hon WU Chi-wai on traffic situation in Kowloon East	http://www.info.gov.hk/gia/general/201706/07/P2017060700344.htm
29.11.2017	Council meeting	Council question raised by Hon WU Chi-wai on traffic situation in Kowloon East	http://www.info.gov.hk/gia/general/201711/29/P2017112800932.htm

Date of meeting	Meeting	Minutes/Paper	LC Paper No.
18.4.2018	Finance Committee (Special meeting)	Replies to initial written questions raised by Finance Committee members in examining the Estimates of Expenditure 2018-2019 (Session No.: 9) (Reply Serial Nos. THB(T)134, THB(T)251 and THB(T)341)	http://www.legco.gov.hk/yr17-18/english/fc/fc/w_q/thb-t-e.pdf

Council Business Division 4
Legislative Council Secretariat
8 June 2018