

ITEM FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

HEAD 707 – NEW TOWNS AND URBAN AREA DEVELOPMENT

Civil Engineering – Land development

469CL – Kai Tak development – infrastructure at north apron area of Kai Tak Airport

Members are invited to recommend to the Finance
Committee –

- (a) the upgrading of part of **469CL**, entitled “Kai
Tak development – stage 5B¹ infrastructure
works at the former north apron area”, to
Category A at an estimated cost of
\$1,720.1 million in money-of-the-day prices; and
- (b) the retention of the remainder of **469CL** in
Category B.

PROBLEM

We need to provide essential infrastructures to serve the commercial and residential developments, government, institution or community (GIC) developments, and other specified uses at the former north apron area of Kai Tak Development (KTD).

/PROPOSAL

¹ The stage 5 infrastructure works are implemented in two stages, namely stage 5A and stage 5B. Construction of stage 5A infrastructure works started in September 2016 under **797CL** which was upgraded to Category A on 13 May 2016.

PROPOSAL

2. The Director of Civil Engineering and Development, with the support of the Secretary for Development, proposes to upgrade part of **469CL** to Category A at an estimated cost of \$1,720.1 million in money-of-the-day (MOD) prices for the construction of essential infrastructures to serve the developments at the former north apron area.

PROJECT SCOPE AND NATURE

3. The part of **469CL** that we propose to upgrade to Category A (the proposed works) covers the construction of the following works located at the former north apron area –

- (a) a section of dual two-lane Road D1 of about 540 metres (m) long connecting Olympic Avenue;
- (b) single two-lane Road L9 and Road L16 of about 400 m long in total connecting the proposed Road D1;
- (c) a single-lane slip road S14 of about 210 m long linking the proposed Road D1 with the eastbound of Prince Edward Road East (PERE) through the existing flyover K73;
- (d) a pedestrian subway SB-01 of about 120 m long across PERE connecting Kowloon City and the future Underground Shopping Street (USS)² in KTD;
- (e) an elevated walkway LW-02 of about 150 m long across Kai Tak River, connecting the existing elevated walkway adjoining the Trade and Industry Tower and a Comprehensive Development Area site located at the west of Kai Tak River;

/(f)

² According to the approved Kai Tak Outline Zoning Plan No. S/K22/6, the USS is proposed to improve the pedestrian linkage between Kowloon City and Sung Wong Toi Station as well as Kai Tak Station of the Shatin to Central Link.

- (f) renovation of the existing pedestrian subways KS9, KS10 and KS32, as well as modification of the southern end of the existing pedestrian subway KS10;
- (g) associated footpaths, street lighting, traffic aids, drainage, sewerage, water mains, landscaping, electrical and mechanical works, and ancillary works; and
- (h) implementation of environmental mitigation measures and related environmental monitoring and audit (EM&A) programme for the works mentioned in paragraphs (a) to (g) above.

Plans and drawings of artist's impression showing the proposed works are at
Enclosure 1.

4. Subject to funding approval of the Finance Committee (FC), we plan to commence the proposed works in the second half of 2019 for substantial completion in phases from 2023 to 2025. To meet the programme, the Civil Engineering and Development Department (CEDD) plans to invite tenders in the second quarter of 2019, but the tender will only be awarded upon obtaining FC's funding approval.

5. We will retain the remainder of **469CL** in Category B, which mainly covers construction of the remaining infrastructures to serve developments at the former north apron area of KTD. We will apply funding for the remainder of **469CL** to dovetail with the implementation programme of KTD in due course.

JUSTIFICATION

6. According to the approved Kai Tak Outline Zoning Plan (Kai Tak OZP) No. S/K22/6, the former north apron area is planned as a well-mixed residential, commercial, office, and GIC developments. The proposed works as mentioned in paragraph 3 above form part of the essential infrastructures to serve the continued developments at the former north apron area of KTD.

7. The proposed works will enhance both vehicular and pedestrian connectivity of KTD with the adjoining areas including Kowloon City and San Po Kong through an integrated network of access roads, flyover, subway and elevated walkway. In particular, the proposed Roads D1, L9, L16 and slip road S14 will further enhance the road networks serving the developments in the former north apron area of KTD where the future public housing, commercial and GIC developments are located. In addition, the proposed subway SB-01 across PERE will link Kowloon City with the future USS in KTD whilst the proposed elevated walkway LW-02 will connect the existing elevated walkway adjoining Trade and Industry Tower with the future developments.

8. To improve the conditions of the existing pedestrian facilities connecting with KTD, we will carry out renovation works at three existing subways, namely KS9, KS10 and KS32, near PERE and Prince Edward Road West as well as modifying the southern end of the existing subway KS10.

FINANCIAL IMPLICATIONS

9. We estimate the cost of the proposed works to be \$1,720.1 million in MOD prices, broken down as follows –

	\$ million (in MOD prices)
(a) Road works	297.1
(b) Pedestrian subway	414.5
(c) Elevated walkway	354.0
(d) Renovation and modification of existing subways	48.1
(e) Drainage, sewerage, water mains and ancillary works	253.5
(f) Landscaping works	14.6
(g) Environmental mitigation measures and EM&A programme	22.1

/ \$ million

		\$ million (in MOD prices)
(h)	Consultants' fees for	19.6
(i)	contract administration	6.9
(ii)	management of resident site staff (RSS)	8.6
(iii)	independent environmental checker services ³	4.1
(i)	Remuneration of RSS	140.4
(j)	Contingencies	156.2
	Total	1,720.1

10. The CEDD proposes to engage consultants to undertake contract administration and site supervision of the proposed works. A breakdown of the estimated consultants' fees and RSS costs by man-months is at Enclosure 2.

11. Subject to funding approval, we plan to phase the expenditure as follows –

Year	\$ million (MOD)
2019 – 2020	53.7
2020 – 2021	138.8
2021 – 2022	293.6
2022 – 2023	302.3

/Year

³ As part of the EM&A programme for the proposed works, we will commission consultants to provide independent environmental checker services to review and audit the environmental monitoring programme and results for the proposed works.

Year	\$ million (MOD)
2023 – 2024	301.8
2024 – 2025	287.3
2025 – 2026	234.1
2026 – 2027	105.3
2027 – 2028	3.2
	<hr/> 1,720.1 <hr/>

12. We have derived the MOD estimates on the basis of the Government's latest set of assumptions on the trend rate of change in the prices of public sector building and construction output for the period from 2019 to 2028. Subject to funding approval, we will deliver the construction works under the New Engineering Contract (NEC) form⁴. The contract will provide for price adjustment.

13. We estimate the annual recurrent expenditure arising from the proposed works to be about \$9.6 million.

PUBLIC CONSULTATION

14. We consulted Wong Tai Sin District Council (WTSDC) on 5 November 2013, the Housing and Infrastructure Committee (HIC) of Kowloon City District Council (KCDC) on 7 November 2013 and Kwun Tong District Council (KTDC) (by circulation) on 12 November 2013 on the proposed stage 5 works which included stage 5A and stage 5B. Members of the three District Councils had no objection to the proposed stage 5 works.

/15.

⁴ NEC is a suite of contracts developed by the Institution of Civil Engineers, United Kingdom. It is a contract form that emphasises cooperation, mutual trust and collaborative risk management between contracting parties.

15. We gazetted the road scheme and sewerage scheme for the proposed stage 5 works under the Roads (Works, Use and Compensation) Ordinance (Cap. 370) and under the Roads (Works, Use and Compensation) Ordinance (Cap. 370) as applied by section 26 of the Water Pollution Control (Sewerage) Regulation (Cap. 358AL) on 17 April 2014 and 25 April 2014 respectively, and received no objection. The road scheme and sewerage scheme were both authorised on 29 August 2014.

16. Subsequently, we proposed amendments to the stage 5B works to reflect changes in layout of Road L9 and Road L16 shown on the Kai Tak OZP No. S/K22/6⁵, including the associated sewerage works at these roads. We also proposed two new pedestrian connections, namely subway SB-01 and elevated walkway LW-02, as well as new sewerage works in stage 5B works.

17. For the proposals mentioned in paragraph 16 above, we consulted the HIC of KCDC on 10 May 2018, the Traffic and Transport Committee (T&TC) of WTSDC on 5 June 2018 and T&TC of KTDC on 5 June 2018. Members of the three District Councils had no objection to the proposals.

18. We subsequently gazetted the proposed amendments to the road scheme and the proposed subway SB-01 and elevated walkway LW-02 on 2 November 2018 and 9 November 2018 under the Roads (Works, Use and Compensation) Ordinance (Cap. 370), and received no objection. We also gazetted the proposed amendments to the sewerage scheme and the proposed new sewerage works under the Roads (Works, Use and Compensation) Ordinance (Cap. 370) as applied by section 26 of the Water Pollution Control (Sewerage) Regulation (Cap. 358AL) on 2 November 2018 and 9 November 2018, and received no objection. The amended and new road schemes, and amended and new sewerage schemes were authorised on 1 February 2019.

/19.

⁵ The original Road L9 was planned to be connected to the western end of Road L16. As part of the former north apron area which covered the original Road L9 had been designated as “Open Space” for the provision of Heritage Park for preservation and public appreciation of heritage and archaeological relics, Road L9 was shortened and shifted eastward to the location shown on Sheet 1 of Enclosure 1. The western end of Road L16 was also amended to a cul-de-sac.

19. We consulted the Legislative Council Panel on Development on 26 February 2019. We received support from some Members to submit the funding proposal to the Public Works Subcommittee (PWSC) for consideration. There are also enquiries from some Members on the breakdown and reasonableness of the project cost. In response to the enquiries, we provided supplementary information to the Panel on Development on 8 April 2019.

ENVIRONMENTAL IMPLICATIONS

20. The proposed district distributor Road D1 is a designated project under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap. 499), whilst the other proposed works are non-designated projects. The KTD EIA report approved under the EIA Ordinance on 4 March 2009 concluded that the proposed works would not cause adverse environmental impact with implementation of the recommended mitigation measures. The CEDD obtained the environmental permit (EP) for the construction and operation of the proposed Road D1 on 23 April 2009. We will implement the environmental mitigation measures recommended in the approved EIA report and comply with the conditions of the EP.

21. The other proposed works including Road L9 and Road L16 are not designated projects under the EIA Ordinance (Cap. 499). The CEDD has completed an Environmental Review (ER) which concluded that the changes in layout will not cause adverse environmental impact with implementation of the recommended mitigation measures. We will implement the environmental mitigation measures recommended in the ER to control the environmental impacts arising from the proposed works to within the established standards and guidelines.

22. For short-term environmental impacts caused by the proposed works during construction, we will incorporate requirements into the works contract to require the contractor to implement environmental mitigation measures. These mitigation measures mainly include use of quieter equipment and moveable noise barriers or enclosures to minimise construction noise impact, regular watering of works sites and provision of wheel-washing facilities to minimise dust generation, and use of temporary drains to discharge surface run-off of sites. We have included the cost of these measures in the overall project estimate.

23. At the planning and design stages, we have considered the alignment, design level and construction method of the proposed works to reduce generation of construction waste where possible. In addition, we will require the contractor to reuse inert construction waste (e.g. excavated soil and rock fill) on site or in other suitable construction sites as far as possible, in order to minimise the disposal of inert construction waste at public fill reception facilities⁶. We will encourage the contractor to maximise the use of recycled/recyclable inert construction waste and the use of non-timber formwork to further reduce generation of construction waste.

24. At the construction stage, we will require the contractor to submit for approval a plan setting out the waste management measures, which will include appropriate mitigation means to avoid, reduce, reuse and recycle inert construction waste. We will ensure that the day-to-day operations on site comply with the approved plan. We will require the contractor to separate the inert portion from non-inert construction waste on site for disposal at appropriate facilities. We will control the disposal of inert and non-inert construction waste at public fill reception facilities and landfills respectively through a trip-ticket system.

25. We estimate that the proposed works will generate in total about 96 000 tonnes of construction waste. Of this, we will reuse about 18 000 tonnes (19%) of inert construction waste on site and deliver about 71 000 tonnes (74%) of inert construction waste to public fill reception facilities for subsequent reuse. We will dispose of the remaining 7 000 tonnes (7%) of non-inert construction waste at landfills. The total cost for disposal of construction waste at public fill reception facilities and landfill sites is estimated to be about \$6.4 million for the proposed works (based on a unit charge rate of \$71 per tonne for disposal at public fill reception facilities and \$200 per tonne at landfills as stipulated in the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N)).

/HERITAGE

⁶ Public fill reception facilities are specified in Schedule 4 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N). Disposal of inert construction waste in public fill reception facilities requires a licence issued by the Director of Civil Engineering and Development.

HERITAGE IMPLICATIONS

26. There are no declared monuments, proposed monuments, graded historic sites/buildings, sites of archaeological interest and government historic sites identified by the Antiquities and Monuments Office (AMO) within the works area. As part of the works area is located in the vicinity of the archaeological discoveries yielded in the area of the Sung Wong Toi Station (formerly known as To Kwa Wan Station) of Shatin to Central Link, the CEDD conducted further archaeological field investigation in 2015. Based on the findings of the investigation, areas to be impacted by the proposed works are assessed to be of no or relatively low archaeological potential. For the area of relatively low archaeological potential, the proposed works, with the implementation of mitigation measures recommended in the archaeological field investigation report, will be confined to a shallow depth to minimise intrusion into archaeological potential layer. We will also consult with AMO to formulate and implement necessary precaution measures to minimise any adverse impact to the area.

TRAFFIC IMPLICATIONS

27. We have completed a traffic impact assessment (TIA) for the proposed works. The TIA concluded that the proposed works will not cause significant traffic impact to surrounding areas. To minimise disturbance to the traffic flow during the construction of the proposed works, we will maintain the existing number of traffic lanes along the affected roads as far as practicable.

28. During construction, we will establish Traffic Management Liaison Groups and closely liaise with the Transport Department, the Hong Kong Police Force and other stakeholders to discuss, scrutinise and review the proposed temporary traffic arrangements with a view to minimising traffic impacts arising from the proposed works.

LAND ACQUISITION

29. The proposed works do not require any land acquisition.

BACKGROUND INFORMATION

30. We included **469CL** in Category B in October 1996. Information on previous part-upgrading of **469CL** is at Enclosure 3.

31. At the PWSC meeting on 31 October 2001, some Members suggested and the Government agreed to include information on the scope, approved project estimates and progress of all KTD (formerly known as South East Kowloon development) Public Works Programme items in future PWSC submissions relating to KTD. The information is at Enclosure 4.

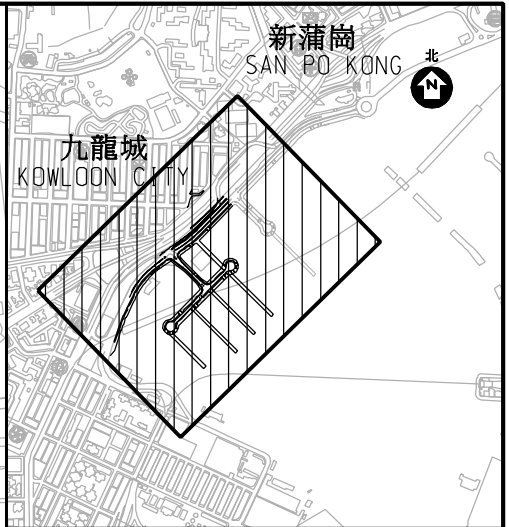
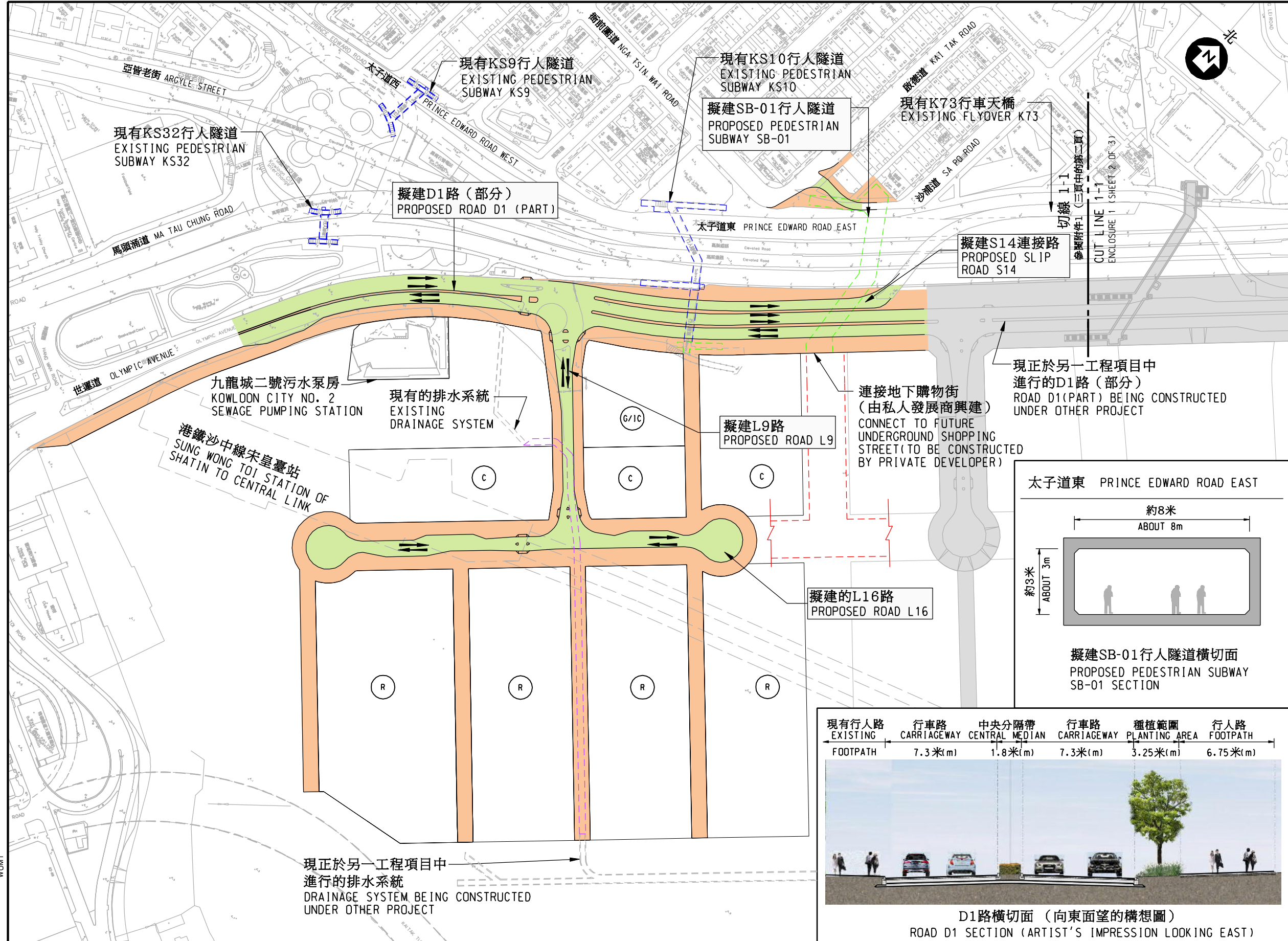
32. Of the 192 trees within the boundary of the proposed works, 130 trees will be preserved. The proposed works will require removal of 62 trees including 61 trees to be felled and one tree to be transplanted. All trees to be removed are not important trees⁷. We will incorporate planting proposals as part of the proposed works, including an estimated quantity of 186 trees.

33. We estimate that the proposed works will create about 275 jobs (220 for labourers and another 55 for professional or technical staff), providing a total employment of 16 700 man-months.

Development Bureau
May 2019

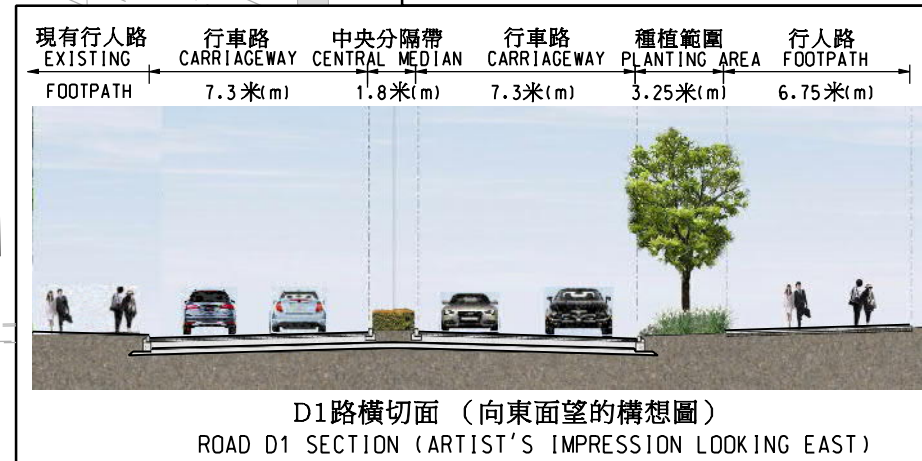
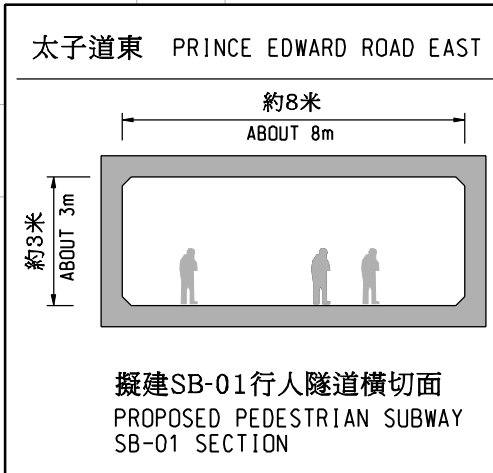
⁷ “Important trees” refer to trees in the Register of Old and Valuable Trees, or any other trees that meet one or more of the following criteria –

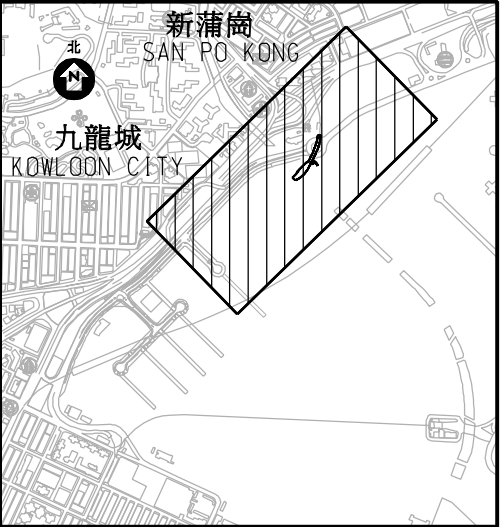
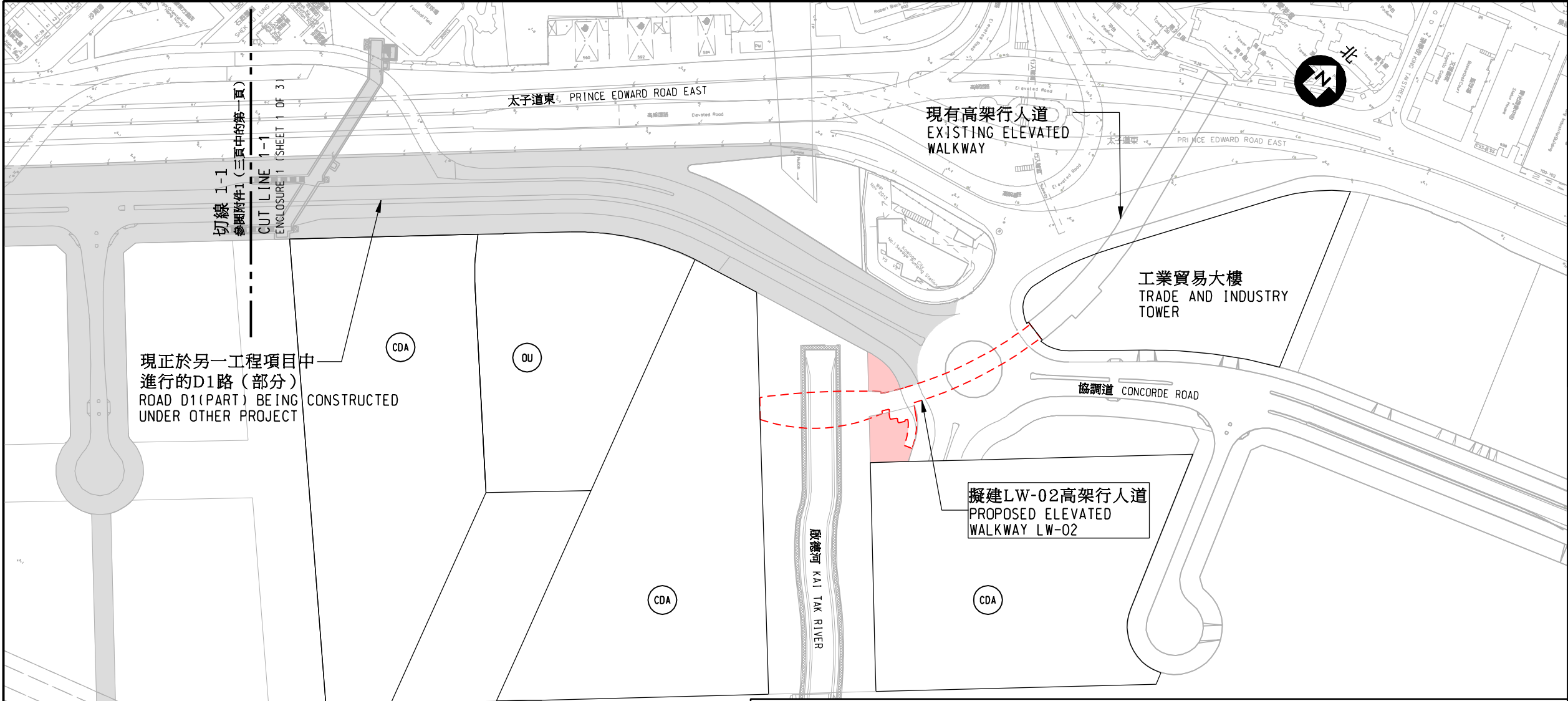
- (a) trees of 100 years old or above;
- (b) trees of cultural, historical or memorable significance, e.g. Fung Shui trees, trees as landmark of monastery or heritage monument, and trees in memory of an important person or event;
- (c) trees of precious or rare species;
- (d) trees of outstanding form (taking account of the overall tree sizes, shape and any special features), e.g. trees with curtain like aerial roots, trees growing in unusual habitat; or
- (e) trees with a trunk diameter equal to or exceeding 1.0 m (measured at 1.3 m above ground level), or with a height or canopy spread equal to or exceeding 25 m.



位置圖
LOCATION PLAN

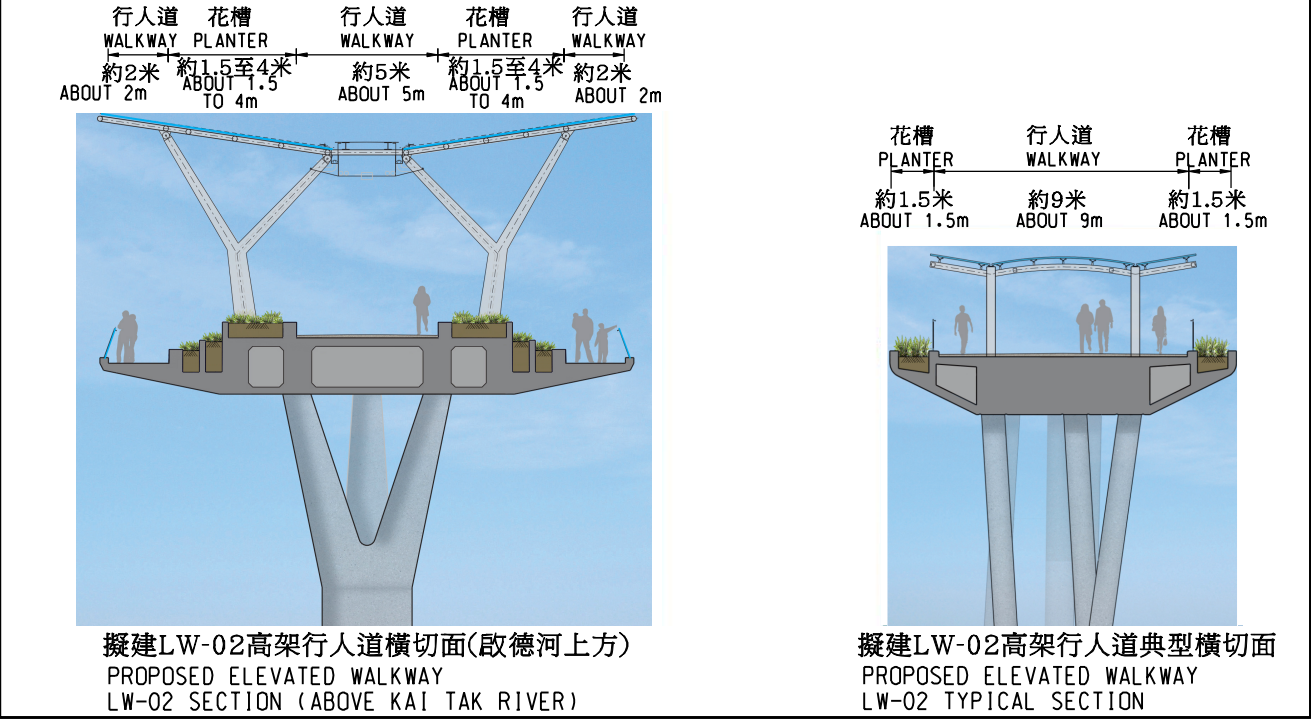
- 圖例
LEGEND:
- 擬建行車道
PROPOSED CARRIAGEWAY
 - 擬建行人路、中央分隔帶和安全島
PROPOSED FOOTPATH, CENTRAL MEDIAN AND TRAFFIC ISLAND
 - 擬建行人隧道
PROPOSED PEDESTRIAN SUBWAY
 - 改建/翻新現有行人隧道
MODIFICATION/RENOVATION OF EXISTING PEDESTRIAN SUBWAY
 - 於另一工程項目中進行的道路工程
ROADWORKS BEING CONSTRUCTED UNDER OTHER PROJECT
 - 擬建箱型暗渠
PROPOSED BOX CULVERT
 - 由私人發展商興建的地下購物街
UNDERGROUND SHOPPING STREET TO BE CONSTRUCTED BY PRIVATE DEVELOPER
 - 擬建的住宅發展用地
PROPOSED SITE FOR RESIDENTIAL DEVELOPMENT
 - 擬建的商業發展用地
PROPOSED SITE FOR COMMERCIAL DEVELOPMENT
 - 擬建的政府、機構或社區用地
PROPOSED SITE FOR GOVERNMENT, INSTITUTION OR COMMUNITY
 - 行車線
(每一箭嘴表示一條行車線)
TRAFFIC LANE FOR CARRIAGEWAY (ONE ARROW REPRESENTS ONE LANE)





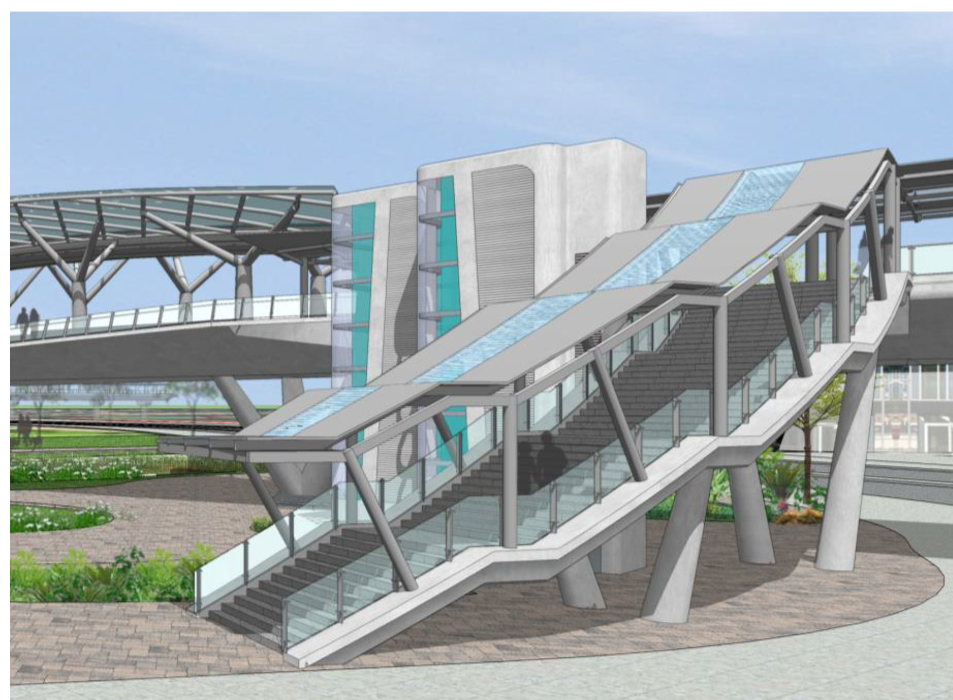
位置圖
LOCATION PLAN

- 圖例
LEGEND:
- 擬建高架行人道
PROPOSED ELEVATED WALKWAY
 - 擬建美化市容地帶
PROPOSED AMENITY AREA
 - 於另一工程項目中進行的道路工程
PROPOSED ROADWORKS BEING
CONSTRUCTED UNDER OTHER PROJECT
 - 擬建的其他指定用途用地
PROPOSED SITE FOR
OTHER SPECIFIED USES
 - 擬建的綜合發展區用地
PROPOSED SITE FOR COMPREHENSIVE
DEVELOPMENT AREA





擬建LW-02高架行人道 (構想圖)
PROPOSED ELEVATED WALKWAY LW-02 (ARTIST'S IMPRESSION)



擬建LW-02高架行人道 - 位於協調道的樓梯及升降機(構想圖)
STAIRCASE AND LIFTS OF PROPOSED ELEVATED WALKWAY LW-02 AT CONCORDE ROAD
(ARTIST'S IMPRESSION)



擬建SB-01行人隧道 - 位於沙浦道的入口 (構想圖)
ENTRANCE OF PROPOSED PEDESTRIAN SUBWAY SB-01 AT SA PO ROAD (ARTIST'S IMPRESSION)

圖則名稱 drawing title

工務計劃第469CL號 - 啟德發展計劃 - 前北面停機坪第5B期的基礎設施工程
PWP ITEM NO. 469CL - KAI TAK DEVELOPMENT - STAGE 5B INFRASTRUCTURE WORKS AT THE FORMER NORTH APRON AREA

469CL(Part) – Kai Tak development – stage 5B infrastructure works at the former north apron area

Breakdown of the estimates for consultants' fees and resident site staff costs (in September 2018 prices)

			Estimated man- months	Average MPS* salary point	Multiplier (Note 1)	Estimated fee (\$million)
(a)	Consultants' fees for contract administration (Note 2)	Professional	-	-	-	3.9
		Technical	-	-	-	1.5
					Sub-total	5.4#
(b)	Resident site staff (RSS) costs (Note 3)	Professional	424	38	1.6	55.6
		Technical	1 379	14	1.6	63.4
					Sub-total	119.0
Comprising –						
(i)		Consultants' fees for management of RSS				6.7#
(ii)		Remuneration of RSS				112.3#
(c)	Independent environmental checker service (Note 3)	Professional	6	38	2.0	1.0
		Technical	38	14	2.0	2.2
					Sub-total	3.2#
					Total	127.6

* MPS = Master Pay Scale

Notes

1. A multiplier of 2.0 is applied to the average MPS point to arrive at the full staff costs including the consultant's overheads and profit as the staff will be employed in the consultants' offices. A multiplier of 1.6 is applied to the average MPS point to arrive at the cost of RSS supplied by the consultants (as at now, MPS point 38 = \$81,975 per month and MPS point 14 = \$28,725 per month).

2. The consultants' fees for contract administration are estimated in accordance with the existing consultancy agreement for the design and construction of **469CL**. The construction phase of the assignment will only be executed subject to Finance Committee's approval to upgrade part of **469CL** to Category A.
3. The actual man-months and actual costs will only be known after completion of the construction works.

Remarks

The cost figures in this Enclosure are shown in constant prices to correlate with the MPS salary point of the same year. The figures marked with # are shown in money-of-the-day prices in paragraph 9 of the paper.

469CL – Kai Tak development – infrastructure at north apron area of Kai Tak Airport

Information on Previous Part-Upgrading of 469CL

In February 1998, the FC approved upgrading of part of **469CL** as **494CL** “South East Kowloon development at Kai Tak Airport – decontamination and site preparation”, at an estimated cost of \$316.9 million in MOD prices, for ground decontamination, demolition of existing buildings and structures and site preparation at the former north apron area. The works were completed in April 2002.

2. In November 2001, the FC approved upgrading of part of **469CL** as **694CL** “South East Kowloon development at Kai Tak Airport – consultants’ fees and site investigation”, at an estimated cost of \$115.9 million in MOD prices, for site investigation works and detailed design of infrastructure for the planned developments at the former north apron area. Detailed design of stages 1, 2, 3A, 3B, 4, 5A and 5B infrastructure works and the reconstruction and upgrading of Kai Tak Nullah at the former north apron area has been completed. The detailed design of other remaining infrastructure works at the former north apron area is in progress.

3. In February 2004, the FC approved upgrading of part of **469CL** as **708CL** “South East Kowloon development – site preparation and drainage works at north apron area of Kai Tak Airport”, at an estimated cost of \$131.6 million in MOD prices, for implementation of drainage works and demolition of the passenger terminal building and car-parking building at the former north apron area. The works were completed in September 2006.

4. In May 2009, the FC approved upgrading of part of **469CL** as **739CL** “Kai Tak development – stage 1 infrastructure at north apron area of Kai Tak Airport”, at an estimated cost of \$566.5 million in MOD prices, for construction of the stage 1 infrastructure works at the former north apron area to serve the public housing developments. The works were completed in December 2013.

5. In June 2011, the FC approved upgrading of part of **469CL** as **746CL** “Kai Tak development – stage 2 infrastructure at north apron area of Kai Tak Airport”, at an estimated cost of \$355.8 million in MOD prices, for construction of the stage 2 infrastructure works at the former north apron area to serve the residential developments at the Grid Neighbourhood to the east of Kai Tak River. The works were completed in June 2015.

6. In January 2013, the FC approved upgrading of part of **469CL** as **167CD** “Kai Tak development – reconstruction and upgrading of Kai Tak Nullah”, at an estimated cost of \$2,488.2 million in MOD prices, for reconstruction and upgrading of Kai Tak Nullah from PERE to Kai Tak Approach Channel, construction of two enclosed desilting compounds and ancillary works. The works were substantially completed in April 2018.

7. In June 2013, the FC approved upgrading of part of **469CL** as **761CL** “Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport”, at an estimated cost of \$2,255.3 million in MOD prices, for construction of stages 3A and 4 infrastructure works at north apron area to serve the development sites near San Po Kong and also the residential developments at the Grid Neighbourhood to the west of Kai Tak River. The works commenced in July 2013. The stage 3A infrastructure works were completed in June 2017 whilst the stage 4 infrastructure works were substantially completed in March 2019.

8. In May 2016, the FC approved upgrading of part of **469CL** as **797CL** “Kai Tak development – stages 3B and 5A infrastructure works at former north apron area”, at an estimated cost of \$2,152.8 million in MOD prices, for construction of stages 3B and 5A infrastructure works at the former north apron area to serve the development sites at the former north apron area. The works commenced in September 2016 for completion in phases by 2020.

Kai Tak Development
List of Public Works Programme (PWP) Items in Category A

(Note: For details on the project scope of the PWP items listed below, please refer to the corresponding PWSC papers.)

PWP item no.:	440CL
Project title:	South East Kowloon development – comprehensive feasibility study
Date of upgrading to Category A:	April 1995
Approved project estimate:	\$220 million
Project scope:	The project comprises a comprehensive feasibility study for the whole South East Kowloon area, as well as associated laboratory testing and site investigation works.
Brief account of progress:	(a) The feasibility study was completed in December 2003. (b) The project account has been finalised at the sum of \$185.2 million.

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PWP item no.:	494CL (part upgraded from 469CL)
Project title:	South East Kowloon development at Kai Tak Airport – decontamination and site preparation
Date of upgrading to Category A:	February 1998
Approved project estimate:	\$316.9 million
Project scope:	Ground decontamination, demolition of existing buildings and structures and site preparation at the north apron of Kai Tak Airport.

Brief account of progress: (a) The civil engineering works and the post-decontamination monitoring works were completed in April 2002 and December 2003 respectively.

(b) The project account has been finalised at the sum of \$281.8 million.

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PWP item no.: **694CL** (part upgraded from **469CL**)

Project title: South East Kowloon development at Kai Tak Airport – consultants' fees and site investigation

Date of upgrading to Category A: November 2001

Approved project estimate: \$115.9 million

Project scope: Site investigation works and detailed design for 6 kilometres (km) drainage box culverts, five sewage pumping stations, flyovers, roads, sewerage, drainage and demolition of the passenger terminal building for the planned developments in the north apron area of Kai Tak Airport.

Brief account of progress:

- (a) Consultancy started in January 2002.
- (b) Detailed design for demolition of the passenger terminal building and associated structures has been completed.
- (c) Detailed design of the stages 1, 2, 3A, 3B, 4, 5A and 5B infrastructure works and the reconstruction and upgrading of Kai Tak Nullah at the north apron has been completed.
- (d) Detailed design of the remaining infrastructure works at the north apron is in progress.

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PWP item no.:	693CL (part upgraded from 465CL)
Project title:	South East Kowloon development – consultants’ fees and site investigation for Kai Tak Approach Channel (KTAC) reclamation
Date of upgrading to Category A:	November 2001
Approved project estimate:	\$63.8 million
Project scope:	Site investigation works and detailed design for treatment of contaminated sediments and reclamation of KTAC, drainage and demolition of the existing airport taxiway bridge in KTAC.
Brief account of progress:	<p>(a) Consultancy started in January 2002.</p> <p>(b) In the light of the Court of Final Appeal (CFA)’s ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.</p> <p>(c) The project account has been finalised at the sum of \$50.2 million.</p>

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PWP item no.:	699CL (part upgraded from 482CL)
Project title:	South East Kowloon development – consultants’ fees and site investigation for Kowloon Bay reclamation and engineering works
Date of upgrading to Category A:	July 2002
Approved project estimate:	\$105.7 million
Project scope:	Site investigation works and detailed design for treatment of contaminated sediments and reclamation of Kowloon Bay, marine structures and facilities, roads, drainage and sewerage works.

- Brief account of progress:
- (a) Consultancy started in December 2002.
 - (b) In the light of CFA's ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.
 - (c) The project account has been finalised at the sum of \$6.1 million.

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- PWP item no.: **708CL** (part upgraded from **469CL**)
- Project title: South East Kowloon development – site preparation and drainage works at north apron area of Kai Tak Airport
- Date of upgrading to Category A: February 2004
- Approved project estimate: \$131.6 million
- Project scope: Construction of a twin-cell box culvert of about 600 m long, decommissioning of an existing culvert, demolition of the passenger terminal building and car-parking building at north apron area of Kai Tak Airport.
- Brief account of progress:
- (a) Works contract commenced in April 2004 and was completed in September 2006.
 - (b) The project account has been finalised at the sum of \$131.3 million.

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- PWP item no.: **719CL**
- Project title: Kai Tak development – engineering review
- Date of upgrading to Category A: December 2006

Approved project estimate: \$87.5 million

Project scope: A study to confirm the detailed engineering feasibility of the revised Preliminary Outline Development Plan of Kai Tak development, preliminary preparatory work for the early development of the cruise terminal in Kai Tak.

Brief account of progress:	Consultancy commenced in January 2007 and completed in April 2010. The project account has been finalised at the sum of \$76.4 million.
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PWP item no.: **724CL** (part upgraded from **711CL**)

Project title: Kai Tak development – investigation and detailed design for advance infrastructure works for developments at the southern part of the former runway

Date of upgrading to Category A: December 2006

Approved project estimate: \$38 million

Project scope: Investigation and detailed design for roads, drainage, sewerage, watermains, relocation and reprovisioning of existing radar facilities for the proposed developments at the southern part of the former runway.

Brief account of progress:

- (a) Consultancy commenced in January 2007.
- (b) Design of the decommissioning and decontamination works at the south apron and relocation and reprovision of Marine Vessel Traffic Services radar was completed.
- (c) Design of the stage 1 advance infrastructure works was completed.
- (d) Design of the remaining infrastructure works was completed.

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PWP item no.:	734CL (part upgraded from 711CL)
Project title:	Kai Tak development – decommissioning and decontamination works at the south apron of the former Kai Tak Airport and installation of supplementary radar at North Point Government Offices (NPGO)
Date of upgrading to Category A:	February 2008
Approved project estimate:	\$120.1 million
Project scope:	Decommissioning and decontamination of about 12 600 square metres of land at the south apron of the former Kai Tak Airport, installation of a supplementary radar at NPGO and associated works.
Brief account of progress:	<p>(a) Works contract commenced in May 2008 and was completed in January 2010.</p> <p>(b) The project account has been finalised at the sum of \$82.5 million.</p>

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PWP item no.:	738CL (part upgraded from 465CL)
Project title:	Kai Tak development – detailed design and site investigation for Kai Tak Approach Channel and Kwun Tong typhoon shelter improvement works.
Date of upgrading to Category A:	May 2009
Approved project estimate:	\$50 million
Project scope:	Site investigation works, environmental mitigation trial and monitoring, and detailed design for treatment of the contaminated sediments, forming of a 600 m opening at the former runway with a piled deck on the top and associated works.

- Brief account of progress:
- (a) Consultancy commenced in August 2009.
 - (b) Detailed design of Phase 1 works has been completed.
 - (c) Design of Phase 2 works (IP Scheme) has been substantially completed.

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PWP item no.: **740CL** (part upgraded from **702CL**)

Project title: Kai Tak development – detailed design and site investigation for remaining infrastructure works for developments at the former runway

Date of upgrading to Category A: May 2009

Approved project estimate: \$32 million

Project scope: Site investigation works and detailed design for a road including a piled deck on the former runway; roads, footbridges, drainage, sewerage and water mains in south apron; and associated works.

Brief account of progress: Consultancy commenced in July 2009. Design of Road D3 (Metro Park Section) and its associated works were completed. Detailed design of the remaining infrastructure works is in progress.

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PWP item no.: **739CL** (part upgraded from **469CL**)

Project title: Kai Tak development – stage 1 infrastructure works at north apron area of Kai Tak Airport

Date of upgrading to Category A: May 2009

Approved project estimate:	\$566.5 million
Project scope:	Construction of about 2.6 km of new roads and other roadworks within the north apron area; two footbridges, two drainage box culverts, improvement to three existing subways across Prince Edward Road East, drainage, sewerage, water mains and associated works.
Brief account of progress:	(a) Works commenced in July 2009 and were completed in December 2013. (b) Project account finalisation is in progress.

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PWP item no.:	741CL (part upgraded from 711CL)
Project title:	Kai Tak development – stage 1 advance infrastructure works for developments at the southern part of the former runway
Date of upgrading to Category A:	May 2009
Approved project estimate:	\$539.6 million
Project scope:	Construction of about 1.8 km carriageway, a fireboat berth cum landing steps, drainage, a sewage pumping station, sewerage, water mains and associated works for developments at the southern part of the former runway.
Brief account of progress:	(a) Works contract commenced in September 2009 and was completed in December 2013. (b) Project account finalisation is in progress.

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PWP item no.:	841TH (part upgraded from 785TH)
Project title:	Trunk Road T2 – investigation and design

Date of upgrading to Category A:	June 2009
Approved project estimate:	\$133.6 million
Project scope:	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.
Brief account of progress:	<p>(a) Consultancy commenced in July 2009.</p> <p>(b) The environmental impact assessment report was approved in September 2013.</p> <p>(c) Detailed design was completed.</p> <p>(d) Prequalification of tenderers was closed in October 2018.</p>

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PWP item no.:	45CG
Project title:	District Cooling System at the Kai Tak Development
Date of upgrading to Category A:	June 2009
Approved project estimate:	\$4,945.5 million (approved by the Finance Committee on 4 January 2019) for Phase I, Phase II and Phase III (Package A, B, C & R) of the project
Project scope:	The scope of the project comprises (a) construction of a northern chiller plant; (b) construction of a southern underground chiller plant cum underground seawater pump house and above-ground operational facilities; (c) laying of seawater intake and discharge pipelines; (d) laying of chilled water distribution pipe networks; and (e) provision of connection facilities at user buildings at Kai Tak development.

- Brief account of progress:
- (a) Construction for Phase I commenced in February 2011 and was completed in January 2013.
 - (b) Construction for Phase II commenced in March 2011 and was completed in September 2014.
 - (c) Construction for Phase III (Package A) commenced in July 2013 and was completed in September 2017.
 - (d) Construction for Phase III (Package B) commenced in September 2015 for completion by June 2019.
 - (e) Construction for Phase III (Package C) commenced in September 2016 for completion by March 2020.
 - (f) Construction for remaining works under Phase III (Phase IIIR) commenced in January 2019 for completion by end 2025.

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- PWP item no.: **736CL**
- Project title: Site formation for Kai Tak cruise terminal development
- Date of upgrading to Category A: November 2009
- Approved project estimate: \$2,303.9 million
- Project scope: Construction of about 1.1 km long seawall, piled structures, marine facilities and structures, and dredging works for Kai Tak Cruise Terminal.
- Brief account of progress:
- (a) The site formation for Kai Tak cruise terminal development has been completed, with the first berth and the second berth commenced operations in June 2013 and September 2014 respectively. Remaining dredging was also completed in December 2015.

(b) The project account was finalised at the sum of \$1,362.7 million.

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PWP item no.:	7GA		
Project title:	Cruise terminal building and ancillary facilities for the Kai Tak cruise terminal development		
Date of upgrading to Category A:	April 2010		
Approved project estimate:	\$5,852.1 million		
Project scope:	Development of new cruise terminal facilities at the southern end of the former runway at the Kai Tak development; and provisions of building services to the apron area.		
Brief account of progress:	<p>(a) Works contract commenced in May 2010 and was completed in May 2013.</p> <p>(b) The project account finalisation is in progress.</p>		
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PWP item no.:	745CL (part upgraded from 465CL)		
Project title:	Kai Tak development – Kai Tak approach channel and Kwun Tong typhoon shelter improvement works (Phase 1)		
Date of upgrading to Category A:	June 2011		
Approved project estimate:	\$717.7 million		
Project scope:	Bioremediation treatment of the contaminated sediments over an area of about 90 hectares of seabed at KTAC and Kwun Tong typhoon shelter, dredging of seabed at KTAC, and demolition of a disused dolphin and associated improvement works in the vicinity of To Kwa Wan Typhoon Shelter.		
Brief account of progress:	(a) Works contract commenced in July 2011 and was completed in July 2014.		

(b) Project account finalisation is in progress.

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PWP item no.: **746CL** (part upgraded from **469CL**)

Project title: Kai Tak development – stage 2 infrastructure at north apron area of Kai Tak Airport

Date of upgrading to Category A: June 2011

Approved project estimate: \$355.8 million

Project scope: Construction of about 590 m roads, about 2 110 m footpaths, drainage box culverts, sewage pumping station and associated works.

Brief account of progress: (a) Works contract commenced in July 2011 and was substantially completed in June 2015.

(b) Project account finalisation is in progress.

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PWP item no.: **749CL** (part upgraded from **711CL**)

Project title: Kai Tak development – reprovisioning of radar on top of the cruise terminal building

Date of upgrading to Category A: June 2011

Approved project estimate: \$88.4 million

Project scope: Reprovisioning of a radar and associated signal processing and relaying equipment and construction of a radome, a radome base support and associated works.

Brief account of progress: (a) The works contract commenced in August 2011 and was completed in June 2013.

(b) The project account has been finalised at the sum of \$87.7 million.

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PWP item no.: **172BF**

Project title: Construction of fire station-cum-ambulance facility at Cheung Yip Street, Kowloon Bay

Date of upgrading to Category A: July 2011

Approved project estimate: \$210 million

Project scope: Construction of a new six-storey fire station with ambulance facility-cum-an urban search and rescue equipment store in Kowloon Bay.

Brief account of progress: (a) Works contract commenced in July 2011 and was completed in June 2013.

(b) The project account has been finalised.

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PWP item no.: **109KA**

Project title: Construction of Trade and Industry Tower in Kai Tak Development Area

Date of upgrading to Category A: January 2012

Approved project estimate: \$2,645.1 million

Project scope: Construction of government offices and ancillary property management facilities providing a net operational floor area (NOFA) of around 32 400 m², and a community hall of about 600 m² in NOFA.

Brief account of progress: (a) Works contract commenced in January 2012 and was completed in April 2015.

(b) The project account has been finalised.

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PWP item no.:	443RO (part upgraded from 425RO)
Project title:	Runway Park at Kai Tak, Kowloon City District – Phase 1
Date of upgrading to Category A:	July 2012
Approved project estimate:	\$169.7 million
Project scope:	Construction of a 270 m long waterfront promenade at the runway tip facing Lei Yue Mun and along the waterfront facing Kwun Tong, a large lawn with seating and extensive soft landscape planting, and ancillary facilities.
Brief account of progress:	(a) Works contract commenced in August 2012 and was completed in April 2014. (b) The project account has been finalised.

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PWP item no.:	439RO
Project title:	Kwun Tong promenade (stage 2)
Date of upgrading to Category A:	July 2012
Approved project estimate:	\$250.7 million
Project scope:	Construction of a 750 m long waterfront promenade at the former Kwun Tong Public Cargo Working Area with a boardwalk, and upgrading works for the Kwun Tong promenade (stage 1), including installation of more lighting, close-circuit television and a public address system.
Brief account of progress:	(a) Works contract commenced in February 2013 and was completed in December 2014. (b) The project account has been finalised.

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PWP item no.:	167CD (part upgraded from 469CL)
Project title:	Kai Tak development – reconstruction and upgrading of Kai Tak Nullah
Date of upgrading to Category A:	January 2013
Approved project estimate:	\$2,488.2 million
Project scope:	Reconstruction and upgrading of Kai Tak Nullah from Prince Edward Road East to KTAC, construction of two enclosed desilting compounds with vehicular access and ancillary works.
Brief account of progress:	(a) Works contract commenced in January 2013 and was substantially completed in April 2018. (b) Project account finalisation is in progress.

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PWP item no.:	76MM
Project title:	Establishment of the Centre of Excellence in Paediatrics (Hong Kong Children's Hospital)
Date of upgrading to Category A:	June 2013
Approved project estimate:	\$12,985.5 million
Project scope:	Establishment of the Centre of Excellence in Paediatrics with 468 beds in the south apron of the Kai Tak development.
Brief account of progress:	(a) Works contract commenced in August 2013 and was completed in September 2017. (b) The project account finalisation is in progress.

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PWP item no.:	761CL (part upgraded from 469CL)
Project title:	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport
Date of upgrading to Category A:	June 2013
Approved project estimate:	\$2,255.3 million
Project scope:	<p>Stage 3A – Construction of roads, a vehicular underpass, a pedestrian subway, extension of an existing subway, reconstruction of existing roads, associated drainage, sewerage, water mains, roadworks and other ancillary works.</p> <p>Stage 4 – Construction of roads, reconstruction and widening of existing footpaths, two sewage pumping stations, twin rising mains, associated drainage and sewerage works and other ancillary works.</p>
Brief account of progress:	Works contracts commenced in stages starting from July 2013. Stage 3A Contract was completed in June 2017 whereas Stage 4 works were substantially completed in March 2019.

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PWP item no.:	349EP
Project title:	A 30-classroom primary school at site 1A-3, Kai Tak development, Kowloon
Date of upgrading to Category A:	July 2013
Approved project estimate:	\$312.4 million
Project scope:	Construction of a 30-classroom primary school at site 1A-3, Kai Tak development

Brief account of progress: (a) Works contract commenced in November 2013 and was substantially completed in December 2015.

(b) The project account finalisation is in progress.

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PWP item no.: **350EP**

Project title: A 30-classroom primary school at site 1A-4, Kai Tak development, Kowloon

Date of upgrading to Category A: July 2013

Approved project estimate: \$317.5 million

Project scope: Construction of a 30-classroom primary school at site 1A-4, Kai Tak development

Brief account of progress: (a) Works contract commenced in November 2013 and was substantially completed in December 2015.

(b) The project account finalisation is in progress.

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PWP item no.: **287RS** (part upgraded from **272RS**)

Project title: Kai Tak Multi-purpose Sports Complex – pre-construction works

Date of upgrading to Category A: July 2015

Approved project estimate: \$62.7 million

Project scope: Preparation of technical specifications, cost estimate, tender documents (including information in ground investigation, utility mapping, topographic and tree surveys) and tender assessment for the main works

Brief account of progress: The pre-construction works commenced in phases since December 2015 and were completed in December 2018.

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PWP item no.: **711CL**

Project title: Kai Tak development – infrastructure works for developments at the southern part of the former runway

Date of upgrading to Category A: July 2015

Approved project estimate: \$5,757.1 million

Project scope: Construction of roads, an elevated landscaped deck with lifts and staircases, roadside noise barriers, a supporting underground structure as enabling works to facilitate future construction of Trunk Road T2, improvement to three existing road junctions in Kowloon Bay, associated drainage, sewerage, water mains, roadworks, landscaping and other ancillary works.

Brief account of progress: Works contracts commenced in November 2015 for phased completion by 2019.

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PWP item no.: **65TR**

Project title: Detailed Feasibility Study for Environmentally Friendly Linkage System (EFLS) for Kowloon East

Date of upgrading to Category A:	July 2015
Approved project estimate:	\$92.3 million
Project scope:	<ul style="list-style-type: none">(a) evaluation of the most suitable green transport mode(s) for EFLS and formulation of a well-planned integrated multi-modal linkage system to enhance the connectivity of Kowloon East;(b) examination of financial viability and environmental acceptability as well as technical feasibility for EFLS;(c) examination of the impact of the proposed Kwun Tong Transportation Link on the use of the water body at the Kwun Tong Typhoon Shelter and Kai Tak Approach Channel and formulation of mitigation measures;(d) review and examination on the network development for EFLS; and(e) assessment on innovative designs, and arrangements for enhancing attractiveness and cost-effectiveness for EFLS.
Brief account of progress:	<p>The second stage of the detailed feasibility study for EFLS is being conducted, including its network coverage, alignment, station locations, etc. The study will also make reference to the latest development and experiences in the environmentally friendly transportation technology at home and abroad, with the associated technical and financial assessments being carried out concurrently, so as to ascertain the feasibility of the proposed EFLS. Upon completion of the study, the way forward for the proposed EFLS project will be formulated.</p>

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PWP item no.:	797CL (part upgraded from 469CL)
Project title:	Kai Tak development – Stage 3B and 5A infrastructure works at former north apron area
Date of upgrading to Category A:	May 2016
Approved project estimate:	\$2,152.8 million
Project scope:	<p>Stage 3B – Construction of roads, an elevated landscaped walkway, a pedestrian subway, demolition of an existing flyover, road modification works, associated drainage, sewerage, watermains, landscaping and other ancillary works.</p> <p>Stage 5A – Construction of roads, a pedestrian subway, associated drainage including box culverts, sewerage, watermains, landscaping and other ancillary works.</p>
Brief account of progress:	Works contracts commenced in stages starting from September 2016 for substantial completion by phases by end 2020.

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PWP item no.:	237LP
Project title:	Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station
Date of upgrading to Category A:	May 2016
Approved project estimate:	\$3,186 million

Project scope: Demolition of existing vacated Kai Tak Operational Base, construction of an integrated complex and demolition of building and facilities upon commissioning of the integrated complex

Brief account of progress: Construction of the integrated complex commenced in July 2016 for completion in 2019.

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PWP item no.: **271ES**

Project title: A 30-classroom secondary school at Site 1A-2, Kai Tak development

Date of upgrading to Category A: June 2016

Approved project estimate: \$446.7 million

Project scope: Construction of a 30-classroom secondary school and ancillary facilities

Brief account of progress: Construction commenced in December 2016 for completion in 2019.

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PWP item no.: **272RS**

Project title: Kai Tak Sports Park– construction works

Date of upgrading to Category A: June 2017

Approved project estimate: \$31,898 million

Project scope: Design, construction and operation of the Kai Tak Sports Park which occupied a site of around 28 hectares in the north apron of the former Hong Kong International Airport in Kai Tak comprising

a multi-purpose Main Stadium, a Public Sports Ground, an Indoor Sports Centre, retail outlets and dining facilities and public open space.

Brief account of progress: Contract awarded in December 2018 and commenced in February 2019 for completion of works in 2023.

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PWP item no.: **92MM** (part upgraded from **87MM**)

Project title: New Acute Hospital (NAH) at Kai Tak Development Area – preparatory works

Date of upgrading to Category A: July 2017

Approved project estimate: \$769.3 million

Project scope: (a) consultancy services for outline the sketch design and detailed design, as well as preparation of tender documentation and tender assessment for the proposed NAH and the adjoining section of the waterfront promenade; and

(b) site investigations and minor studies (such as preliminary environmental review, tree and topographical surveys, utilities survey and survey for impact assessment studies, etc.).

Brief account of progress: (a) Project has been entrusted to the Hospital Authority (HA). Consultants were engaged by HA in September 2017.

(b) Contract for Foundation, Excavation & Lateral Support, and Basement Excavation Works commenced in September 2018 for completion in 2021.

(c) Outline design of Main Building Works is in progress.

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PWP item no.:	122KA
Project title:	Inland Revenue Tower in Kai Tak Development
Date of upgrading to Category A:	April 2018
Approved project estimate:	\$3,600 million
Project scope:	<ul style="list-style-type: none">(a) offices and other support facilities including conference rooms, interview rooms, training rooms, a lecture hall, a departmental library and storage areas;(b) public services counters (e.g. enquiry counters and shroff counters) and waiting areas for the public;(c) a telephone enquiry centre;(d) operational equipment, including system printing rooms, and a room for mail-inserting system and folding machines;(e) a document processing centre for handling incoming mails, business returns and individuals returns, and for scanning documents;(f) a computer data centre (comprising data control rooms, server farm, media library, printer and console areas), data preparation rooms, and network distribution rooms;(g) other miscellaneous facilities including staff lactation rooms, baby care room, pantries, toilet facilities, facilities for the disabled, a security control room, plant rooms, maintenance offices and workshops; and

- (h) a car park with a total of 66 parking spaces at grade including double-deckers located outside the building, for departmental, staff and visitor vehicles.

Brief account of progress:

Works commenced in August 2018 for completion in 2022.

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PWP item no.:

436RO

Project title:

Avenue Park at Kai Tak

Date of upgrading to Category A:

May 2018

Approved project estimate:

\$321.9 million

Project scope:

- (a) thematic gardens;
- (b) a children's play area and a fitness area;
- (c) a basketball court;
- (d) covered walkways to connect the proposed Station Square where the future Kai Tak Station is located; and
- (e) ancillary facilities such as a park management office, toilets and baby care rooms.

Brief account of progress:

Works commenced in June 2018 for completion in Q1 2021.

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PWP item no.:	188GK
Project title:	Government Flying Service (GFS) Kai Tak Division
Date of upgrading to Category A:	May 2018
Approved project estimate:	\$469.1 million
Project scope:	<p>(a) construction of an apron to provide a helicopter take-off/landing pad, two helicopter parking pads and the associated safety/protection areas;</p> <p>(b) construction of an office building to accommodate an Air Command and Control Centre, a Flight Planning Centre and ancillary facilities including offices for GFS's aircrew, engineering and administration staff, a multi-purpose function room for mission planning, briefing, training and meeting, and an aircraft and mission equipment storage area;</p> <p>(c) construction of a hangar to accommodate two helicopters and the associated maintenance equipment;</p> <p>(d) provision of supporting facilities for helicopter operation including radio and communication facilities, navigation, security and surveillance systems, helicopter refueling facilities and firefighting facilities; and</p> <p>(e) associated civil, drainage, sewerage, water supply, building and landscaping works, etc.</p>
Brief account of progress:	Construction works commenced in November 2018 for completion in 2021.

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PWP item no.:	452RO
Project title:	Waterfront promenade adjacent to the Hong Kong Children's Hospital
Date of upgrading to Category A:	May 2018
Approved project estimate:	\$82.2 million
Project scope:	(a) a continuous pedestrian waterfront promenade; (b) landscaped areas with benches, sheltered seating and flowering trees; (c) a children's play area; and (d) ancillary facilities including toilets, a baby care room, etc.
Brief account of progress:	Works commenced in November 2018 for completion in 2020.

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PWP item no.:	94MM (part upgraded from 87MM)
Project title:	New Acute Hospital at Kai Tak Development Area – foundation, excavation and lateral support, and basement excavation works
Date of upgrading to Category A:	May 2018
Approved project estimate:	\$5,356.8 million
Project scope:	(a) foundation works; (b) excavation and lateral support works; (c) basement excavation works;

(d) pile cap construction works; and

(e) basement slab works.

Brief account of progress:

(a) Project has been entrusted to the Hospital Authority (HA). Consultants were engaged by HA in September 2017 under **92MM**.

(b) Contract for Foundation, Excavation & Lateral Support, and Basement Excavation Works commenced in September 2018 for completion in 2021.

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PWP item no.: **467RO**

Project title: Station Square at Kai Tak

Date of upgrading to Category A: June 2018

Approved project estimate: \$1,651.5 million

Project scope:

- (a) an open plaza with a landmark feature;
- (b) a Tai Chi plaza;
- (c) two lawn bowling greens;
- (d) a children's play area;
- (e) fitness stations (including fitness equipment for the elderly);
- (f) cycling grounds;
- (g) a cycle track connected to the Kai Tak cycle track network;
- (h) a jogging track;
- (i) a pet garden;

- (j) a large lawn for casual leisure use;
- (k) shaded seating areas;
- (l) soft landscaping and artwork;
- (m) a covered pedestrian passage to facilitate visitors walking between the future Kai Tak Station of Shatin-to-Central Link (SCL) and the Kai Tak Sports Park; and covered pedestrian pathways to facilitate movement between the two public housing estates (i.e. Kai Ching and Tak Long Estates) and the future SCL Kai Tak Station respectively; and
- (n) ancillary facilities including a park management office, toilets, changing rooms, a refuse collection chamber, a service yard, pavilions and store rooms.

Brief account of progress:

- (a) Phase 1 works commenced in February 2019 for completion by end 2020.
- (b) Tendering for Phase 2 works scheduled to start in Q2 2019.

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PWP item no.:

822CL (part upgraded from **702CL**)

Project title:

Kai Tak development – infrastructure for developments at the former runway and south apron

Date of upgrading to Category A:

November 2018

Approved project estimate:

\$2,874.7 million

Project scope:

- (a) Former runway – Construction of roads, drainage, sewerage, water mains, saltwater pumping station, sewage pumping station, landscaped decks and public open space.

- (b) Former south apron –
Construction of roads, drainage, sewerage,
water mains, a landscaped elevated walkway
with associated lifts and staircase,
landscaping and other ancillary works.

Brief account of
progress:

Tenders for works at the former runway and south
apron were invited in September 2018 and January
2019 respectively. Construction works are
scheduled to commence in phases starting from
March 2019 for completion by 2023.

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