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Joint Subcommittee to Monitor the Implementation of the West Kowloon Cultural District Project

Updated background brief prepared by the Legislative Council Secretariat for the meeting on 24 November 2015

Integration and connectivity of the West Kowloon Cultural District with its neighbouring districts

Purpose

This paper summarizes the deliberations of the Joint Subcommittee to Monitor the Implementation of the West Kowloon Cultural District Project ("the Joint Subcommittee") on issues relating to the integration and connectivity of the West Kowloon Cultural District ("WKCD") with its neighbouring districts.

Background

- 2. As stated in the approved Development Plan ("DP") of WKCD, accessibility and connectivity are two of the seven key planning and design principles for the development of WKCD. WKCD adopts a "vehicle-free" design concept, where all vehicular traffic and servicing facilities will be put underground to create a safe and open environment for pedestrians and improve the air quality at the ground level. According to the West Kowloon Cultural District Authority ("WKCDA"), the connectivity plan of WKCD has been formulated to make WKCD accessible by various modes of transport and easy to move around for all mobility groups. WKCD would be connected with the neighbouring districts and other parts of Hong Kong through various existing and planned pedestrian connections as well as railway and road networks.
- 3. The Joint Subcommittee discussed issues relating to the integration and connectivity of WKCD with its neighbouring districts at its meetings on 10 July 2013, 7 July 2014 and 12 January 2015. Furthermore, the Joint Subcommittee conducted a site visit on 17 December 2013 to better understand the connectivity of WKCD with its surrounding areas. Relevant issues had also been raised in the context of the discussions on the approved DP of WKCD,

WKCDA's proposal for minor relaxation of development intensity of the WKCD site and progress of the WKCD project at various meetings held between February 2013 and July 2015.

4. When the subject was last discussed at the meeting of the Joint Subcommittee on 12 January 2015, members were advised that WKCDA had engaged a consultant to formulate a transport operation plan for WKCD ("TOP study"), and interim findings would be available in the second half of 2015. The scope of the TOP study would cover (a) public transport planning and operation; (b) car park, loading and unloading management; (c) cycling provision and design; (d) marine access and operation; and (e) traffic control and management.

Members' concerns

5. The major views and concerns expressed by members on the subject are summarized in the ensuing paragraphs.

Pedestrian linkages between WKCD and its neighbouring areas

- 6. Members in general were concerned about the accessibility of WKCD and the connectivity of WKCD with its surrounding areas and other parts of They called on the Administration and WKCDA to make available direct and convenient pedestrian links to connect WKCD with the major transport nodes (e.g. Austin Station and Jordan Station), the adjoining developments (e.g. Kowloon Park) and the nearby districts, and to minimize the need for pedestrians to make multiple level changes in planning the pedestrian Dr Helena WONG and Mr Gary FAN suggested that pedestrian subways should be provided to link WKCD with the concourses of Kowloon Station and West Kowloon Terminus ("WKT"), so as to ensure convenient access to WKCD for visitors arriving via the Airport Express and the Guangzhou-Shenzhen-Hong Kong Express Rail Link. Some members urged the Administration to enhance the pedestrian connections between WKCD and the adjacent old districts (e.g. Jordan) to help revitalize these districts. was also a view that to enhance pedestrian access to WKCD from the inner parts of West Kowloon, the Administration should consider constructing a continuous waterfront promenade to link WKCD with the waterfront areas of the New Yau Ma Tei Typhoon Shelter and Sham Shui Po/Cheung Sha Wan. There was, however, another view that the Administration should duly consider the impact of constructing such a waterfromt promenade on the operation of the Yau Ma Tei Public Cargo Working Area.
- 7. According to the Administration and WKCDA, pedestrians were primarily connected to the areas outside WKCD through a comprehensive

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network of at-grade walkways, footbridges and subways. Apart from the main pedestrian deck linking WKCD and WKT, two other pedestrian connections would represent the major gateways of WKCD, including (a) the Artist Square Bridge providing a direct pedestrian link between the Elements Shopping Mall and the northern entrance to the Artist Square; and (b) the Austin Road Subway Connection providing convenient access from the Austin Station to the Xiqu Centre. Furthermore, pedestrians could access the eastern end of WKCD via Canton Road and the open space in front of the Xiqu Centre. The open space would serve as a main eastern gateway to the Avenue, which would be the major activity spine providing shade and direct access throughout Surrounding the Xiqu Centre, wide landscaped footways the entire WKCD. would be provided to facilitate pedestrian movements. The proposed pedestrian links from the neighbouring districts to WKCD is in **Appendix I**.

Traffic conditions in the West Kowloon area

- 8. When the Joint Subcommittee was briefed on WKCDA's proposal for minor relaxation of development intensity of the WKCD site and the results of the technical assessments conducted on the proposal at its meetings on 24 January, 28 March and 25 April 2014, members generally expressed concern that the proposal might further add to the heavy traffic pressure on the existing roads in West Kowloon, in particular Jordan Road, Austin Road and Canton Road. They urged the Administration and WKCDA to carefully study the traffic impact of the proposal on the whole West Kowloon area, taking into account the progressive commissioning of WKT and the arts and cultural facilities in WKCD. Concern was also raised as to whether the planned road network could cope with the heavy traffic demand in West Kowloon, particularly during the time between 7:00 pm to 7:30 pm when many people would be in a hurry to get to WKCD at the same time to attend shows in various performance venues or patronize the dining facilities in WKCD.
- According to the Administration and WKCDA, the technical 9. assessment results showed that the traffic impact on the adjacent road networks as a result of the minor relaxation of development intensity of the WKCD site would be minor, and the planned road networks in West Kowloon could accommodate the additional traffic demand to be generated from the proposed minor relaxation of the development intensity of WKCD. Short and medium terms road improvement works in the West Kowloon Reclamation Area were to be implemented mainly through the "Road Improvement Works for West Kowloon Reclamation Development (Phase 1)" (Public Works Programme The project would provide the future main vehicular ("PWP") Item 855TH). entrance to WKCD, accessing from the north of WKCD through the depressed Austin Road West and Lin Cheung Road junction and connecting with the future basement road. The planned vehicular connections from the neighbouring districts to WKCD are in Appendix II.

Crowd dispersal arrangements

- 10. Concern had also been raised about the crowd dispersal arrangements for performances/activities held on the WKCD site. Some members enquired whether under the peak crowd dispersal scenario (e.g. after performances at various major arts and cultural venues and during mega events such as fireworks display), the huge crowd of people gathered in WKCD could be efficiently dispersed within 30 minutes. Mr Christopher CHUNG considered it important for the Administration and WKCDA to devise contingency plans for crowd dispersal to cope with situations such as suspension of MTR service or temporary closure of the Kowloon Station.
- 11. WKCDA advised the Joint Subcommittee that even assuming that performances at all the venues ended at the same time and together with the pedestrian volumes generated by the retail, dining and entertainment facilities, the pedestrian forecasts and crowd dispersal analysis for WKCD for year 2031 (upon full development scenario) indicated that the planned pedestrian and vehicular facilities could accommodate surged demand during major events in WKCD and visitors could be dispersed within 30 minutes. Besides, the end times of shows staged in various WKCD venues could be staggered to control the pedestrian volumes.

Public transport facilities/services (including marine transport service) for WKCD

- 12. Members considered that to avoid adding pressure on the heavy traffic conditions in the West Kowloon area, visitors to WKCD should be encouraged to use public transport instead of private cars to get to WKCD. Noting that there were two planned piers in WKCD, members urged the Administration and WKCDA to consider providing berthing/landing facilities and marine transport service (such as water taxi/ferry service) to enhance the marine accessibility as well as the tourism appeal of WKCD.
- 13. According to the Administration, WKCD was currently well served by the Airport Express/Tung Chung Line and the West Rail Line through Kowloon Station and Austin Station respectively. There were also two Public Transport Interchange ("PTIs") near WKCD, namely, the Kowloon Station PTI and Chnia Ferry Terminal ("CFT") PTI. Issues relating to public transport planning and marine transport services (e.g. marine access locations, options and their feasibility as well as the mode of operation and possible routes) would be examined in the context of the TOP study.
- 14. Members considered it important for the Administration and WKCDA to ensure that the planned transport infrastructures for WKCD and the road

improvement works for WKRD would be completed in good time to tie in with the commissioning of WKCD facilities. WKCDA assured members that it had been in constant dialogue with the Transport Department ("TD") and the Highways Department on the planning and implementation of transport infrastructures and road improvement works for WKCD. The implementation schedules of the planned transport infrastructure / road improvement works for the West Kowloon area provided by the Administration in November 2014 are in **Appendix III**.

Connectivity between different parts of WKCD

- 15. Members stressed the importance for the Administration and WKCDA to enhance the connectivity between different parts of the WKCD site. Mr Frankie YICK suggested that given the long walking distance between the eastern and western ends of WKCD and to capitalize on the harbourfront location of WKCD, WKCDA should consider using trams, which was an environmentally friendly and iconic mode of transport in Hong Kong, to provide shuttle service along the West Kowloon Waterfront Promenade in WKCD. Mr YIU Si-wing also suggested using electric carts to provide shuttle service in WKCD. Some members suggested that the Administration and WKCDA should consider providing appropriate facilities to enable visitors to access WKCD by cycling.
- 16. As advised by WKCDA, an environmentally friendly transport system would be provided in WKCD to facilitate visitors' access to different parts of the site. Issues relating to cycling provision in WKCD would be considered in the context of the preparation of the Park bylaws and design, and also be covered in the TOP study. As regards vehicular access within WKCD, public road infrastructure works would be implemented under the works proposal "Infrastructure Works for West Kowloon Cultural District" (PWP Item 754CL), which comprised the basement road, an at-grade road around the portal of Western Harbour Tunnel to serve the western part of the district (e.g. the Park and M+), and the East and West Gate Lay-bys on Austin Road West.

Design and management of pedestrian facilities for WKCD

17. Mr Tony TSE considered that there should be effective coordination among the relevant government departments and WKCDA in designing the pedestrian facilities (e.g. subways and footbridges) connecting WKCD with its neighbouring areas, so that the design of such facilities would be coherent and match with the artistic and cultural ambience of WKCD. He also suggested that consideration should be given to providing appropriate spaces at the pedestrian subways concerned for young local artists to display their artworks.

- 18. Members were assured that the relevant government departments would seek to ensure that the design of the pedestrian facilities linking WKCD with its neighbouring areas would blend in well with the overall ambience of WKCD. With a view to facilitating better coordination and ensuring consistency in the management of the pedestrian facilities for WKCD, the Administration's initial plan was to entrust the management of such facilities to WKCDA. It was believed that this arrangement should allow greater flexibility for WKCDA to consider and decide how the spaces at these pedestrian facilities should be utilized and managed. The government departments concerned would look into the feasibility and operational details of the proposed entrustment arrangement.
- Some members expressed concern about the design of the barrier-free 19. facilities to be provided at the pedestrian connections for WKCD. Miss Alice MAK considered that the footbridges for WKCD should be built/retrofitted with cover and large lifts to better cater for the needs of persons with disabilities. Ms Emily LAU also opined that WKCDA should make available sufficient and appropriate barrier-free facilities in WKCD, and consult organizations representing persons with disabilities on the provision of such facilities on the The Administration advised that barrier-free access/facilities were a site. standard provision for government premises and facilities, and the Administration and WKCDA would endeavour to provide barrier-free access to and within WKCD. WKCDA also assured members that to make WKCD a place for everyone, it would endeavour to provide easy, convenient and barrier-free access to and within WKCD and maintain communication with the disabled community in this regard.

Provision of parking spaces in WKCD

- 20. Members noted that around 2 200 to 2 800 parking spaces had been planned to be provided in WKCD. While some members queried the need to provide such a large number of parking spaces in WKCD, some other members, however, pointed out that the current provision of parking spaces in the adjoining developments (such as Kowloon Station) were already under keen demand. These members considered it necessary to provide sufficient number of parking spaces in WKCD to meet the demand arising from the commissioning of various facilities in WKCD. There were also concerns that the planned provision of some 40 parking spaces for coaches in WKCD was inadequate to meet the demand of local and foreign visitors, as well as the demand arising from the neighbouring districts (e.g. Tsim Sha Tsui) given the acute shortage of coach parking spaces in these districts.
- 21. According to WKCDA, the planned provision of 2 200 to 2 800 parking spaces was considered appropriate, having regard to, among others, the total gross floor area of various developments to be provided in WKCD. Given that

the peak period for utilization of the car parking spaces for the arts and cultural facilities (usually at night) and that for the office developments in WKCD (usually during day time) were different, a portion of the car parking spaces to be provided in WKCD had been planned for shared use by the arts and cultural facilities and the office developments in WKCD to create synergy. Excluding the car parking spaces allocated for the residential developments in WKCD, a total of around 1 800 car parking spaces were planned for other facilities in WKCD and would be open for public use.

22. The Administration also advised that under the current planning for WKCD, the coach drop-off area could accommodate about 25 coaches at the same time, while some 40 parking spaces would be provided in the temporary waiting area for coaches. As the projected demand for coach parking spaces for the whole WKCD was about 30, there would be a spare capacity of about 15 coach parking spaces under the planned provision. Furthermore, a temporary parking area for coaches would be set up in the Park after the commissioning of the Artist Square Development Area in WKCD starting from 2017. As compared with other major tourist destinations in Hong Kong, the proposed level of provision of coach parking spaces in WKCD was relatively high. The Administration would keep under review the demand and supply situation of coach parking facilities in WKCD, WKT as well as the whole West Kowloon area.

Consultations with District Council and local residents

- 23. Members considered that the Administration and WKCDA should implement the WKCD project in close consultation with the Yau Tsim Mong District Council ("YTMDC") and residents of the local districts, especially on issues relating to the accessibility of WKCD and the connectivity between WKCD and its neighbouring areas.
- 24. According to WKCDA, it had constantly consulted and solicited comments from YTMDC on matters relating to the accessibility of WKCD and the connectivity of WKCD with its neighbouring areas. Representatives of TD had also attended meetings of YTMDC to respond to questions raised on the subject. The proposed connectivity plan of WKCD had been formulated having regard to the views and suggestions of YTMDC. The Administration also advised that the Highways Department had consulted the Traffic and Transport Committee of YTMDC on the road improvement schemes for WKRD. Furthermore, the TOP study was tasked to carry out consultation on the transport operation plan in order to gauge the acceptance of the public.

Recent developments

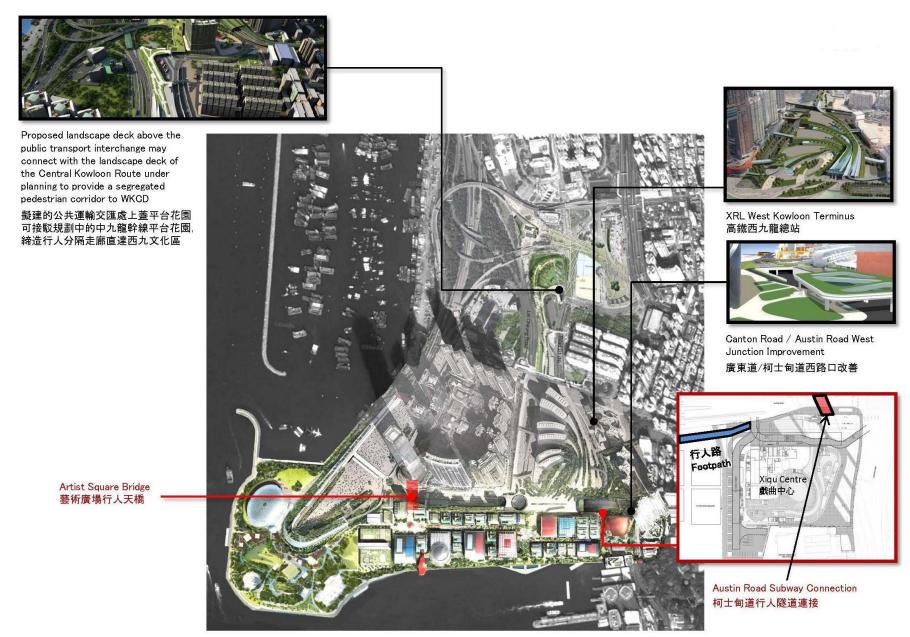
- 25. The Finance Committee approved the Administration's proposals "Road Improvement Works for West Kowloon Reclamation Development (Phase 1)" and "Infrastructure Works for West Kowloon Cultural District" at its meetings on 27 February and 10 July 2015 respectively.
- 26. The Joint Subcommittee will meet with the Administration and WKCDA to discuss the latest position regarding the integration and connectivity of the WKCD with its neighbouring districts at the meeting on 24 November 2015.

Relevant papers

27. A list of the relevant papers available on the Legislative Council website is in **Appendix IV**.

Council Business Division 2
Legislative Council Secretariat
18 November 2015

The proposed pedestrian links from the neighbouring districts to WKCD 由鄰近地區前往西九文化區的行人通道系統建議



Source: Annex B to the Administration paper provided for the Joint Subcommittee meeting on 12 January 2015 [LC Paper No. CB(2)561/14-15(02)]. 資料來源: 政府當局就 2015 年 1 月 12 日聯合小組委員會會議提供的文件附件 B [立法會 CB(2)561/14-15(02)號文件]。

The planned vehicular connections from the neighbouring districts to WKCD 由鄰近地區前往西九文化區的車輛連接系統方案



Annex C to the Administration paper provided for the Joint Subcommittee meeting on 12 January 2015 [LC Paper No. CB(2)561/14-15(02)]. 政府當局就 2015 年 1 月 12 日聯合小組委員會會議提供的文件附件 C[立法會 CB(2)561/14-15(02)號文件]。

Implementation schedules of the planned transport infrastructure/ road improvement works for the West Kowloon area

Pedestrian Infrastructures

(Please refer to the diagrammatic layout at Figure A1)

New Transport Infrastructures	Description	Supporting Facilities/Developments (Completion Year)	Implementation Period
Austin Road Pedestrian Linkage Systems	Pedestrian linkage systems between MTR Austin Station and Xiqu Centre	Xiqu Centre (2017)	2015-2017
West Kowloon Terminus (WKT) Pedestrian Deck	A large pedestrian deck linking WKT and WKCD at ground level	Centre for Contemporary Performance (2022 at the earliest), Medium Theatre II (2022 at the earliest) and HOR developments in Zones 2A (after 2022) and 2B (after 2020)	2011-2017
China Ferry Terminal Bridge	A pedestrian link between Hong Kong-China City and Waterfront promenade of WKCD	Waterfront Promenade (2022 at the earliest) and Medium Theatre I and HOR alongside (after 2022)	2019-2022
Artist Square Bridge	A pedestrian link between Elements Shopping Mall and Artist Square of WKCD	M+ (2018), the Park (2015-2017), Lyric Theatre and HOR developments in Artist Square (around 2020)	2016-2018
Anchorage Bridge	A new footbridge linking the Kowloon Station and the northern tip of WKCD	Mega Performance Venue (subject to alternative funding options)	To be confirmed
Canton Road Entrance to WKCD	A new WKCD entrance on Canton Road subject to the existing Tsim Sha Tsui fire station relocation	The entire WKCD development	To be confirmed
Improvements under WKT of Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) project	 (a) A total of six footbridges, including three footbridges would be provided from WKT to Kowloon Station; two footbridges connecting to Austin Station; one footbridge over Jordon Road connecting to the future public transport interchange. (b) A total of two subways would also be provided to connect WKT with Kowloon Station and Austin Station. (c) An at-grade crossing would also be provided on Wui Cheung Road arm of its junction with Jordon Road. 	WKT of XRL	2015-2017

Source: Annex 1 of the Administration's response to members' concerns raised at the Joint Subcommittee meeting on 7 July 2014 [LC Paper No. CB(2)329/14-15(01)].

Vehicular Infrastructures

 $(Please\ refer\ to\ the\ diagrammatic\ layout\ at\ Figures\ A2\ and\ A3)$

New Transport Infrastructures	Description	Supporting Facilities/Developments (Completion Year)	Implementation Period
Lay-by at East Gate	Drop-off/pick-up lay by for public transport on Austin Road West	Xiqu Centre (2017)	2015-2017
At-grade road around the Western Harbour Crossing (WHC) tunnel portal	An at-grade vehicular access within WKCD serving M+, the Park and the adjoining HOR developments	M+ (2018), the Park (2015-2017), Lyric Theatre and HOR developments in Artist Square (around 2020)	2015-2017
Lay-by at West Gate	Drop-off/pick-up lay by for public transport on Austin Road West	M+ (2018), the Park (2015-2017), Lyric Theatre and HOR developments in Artist Square (around 2020)	To be confirmed
Flyover across Western Harbour Crossing	A new flyover bridging the elevated Nga Cheung Road and the at-grade road adjoining future Mega Performance Venue/Exhibition Centre	Mega Performance Venue/Exhibition Centre (subject to alternative funding options)	To be confirmed
Lin Cheung Road /Austin Road West Underpass	Grade separation of the existing Lin Cheung Road/Austin Road West junction	WKT and WKCD	2011-2017
Canton Road Widening	Junction Improvement works on Canton Road	Part of West Kowloon Reclamation Development (WKRD) to relieve the traffic congestion problems on Canton Road	2015-2017
Central Kowloon Route	Dual 3-lane trunk road linking Yau Ma Tei Interchange in West Kowloon with the road network on Kai Tak Development and Kowloon Bay in East Kowloon	WKRD to improve connectivity between East and West Kowloon	To be confirmed

Vehicular Infrastructures

(Please refer to the diagrammatic layout at Figures A2 and A3)

New Transport Infrastructures	Description	Supporting Facilities/Developments	Implementation Period
Road Improvement Works for West Kowloon Reclamation Development -	Scheme 1 - single lane elevated carriageway connecting Hoi Po Road to West Kowloon Highway northbound	(Completion Year) WKRD to improve the road network in WKRD area to cope with future traffic demand	2015-2018
Schemes 1, 2, 3, 4	Scheme 2 - single lane elevated carriageway connecting elevated Nga Cheung Road to the toll plaza of Western Harbour Crossing		
	Scheme 3 - single lane at-grade carriageway connecting West Kowloon Highway southbound to elevated Nga Cheung Road		
	Scheme 4 - widening of the junction of Canton Road with Austin Road and Austin Road West, junction of Canton Road with Wui Cheung Road and junction of Canton Road with Jordan Road and Ferry Street		

Marine Infrastructures

(Please refer to the diagrammatic layout at Figure A4)

New Transport Infrastructures	Description	Supporting Facilities/Developments (Completion Year)	Implementation Period
Temporary landing facilities/beautification of existing landing facilities		M+ (2018), the Park (2015-2017), Lyric Theatre and office/residential developments in Artist Square (around 2020)	2017-2020
Permanent Pier(s)	Pier(s) serving WKCD	The entire WKCD development	To be confirmed

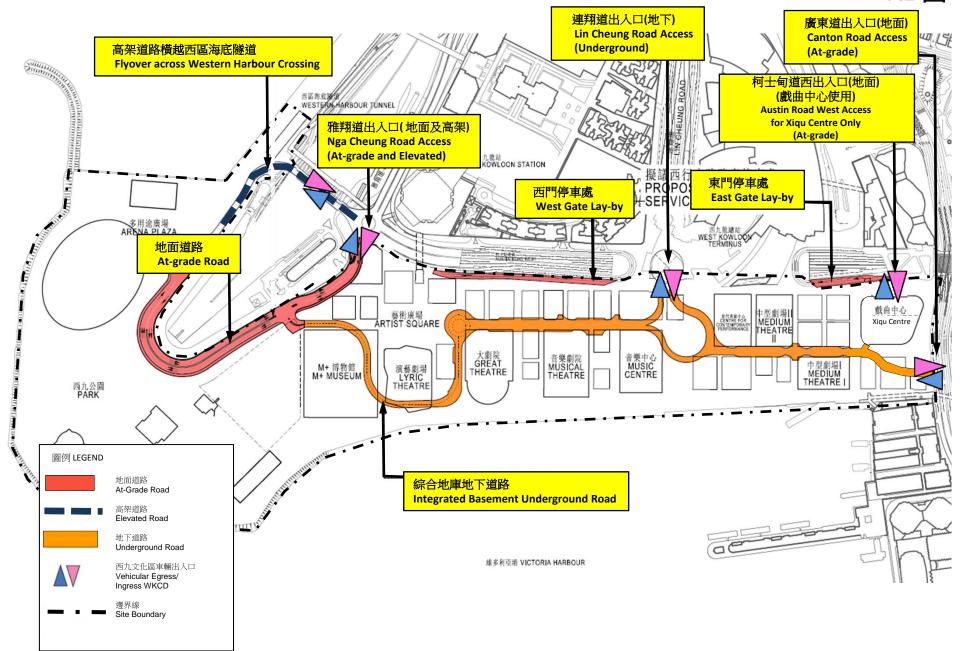
Pedestrian Infrastructures 供行人使用的基礎設施

Figure A1 A1 圖



Vehicular Infrastructures 供車輛使用的基礎設施

Figure A2 A2 圖



Vehicular Infrastructures供車輛使用的基礎設施

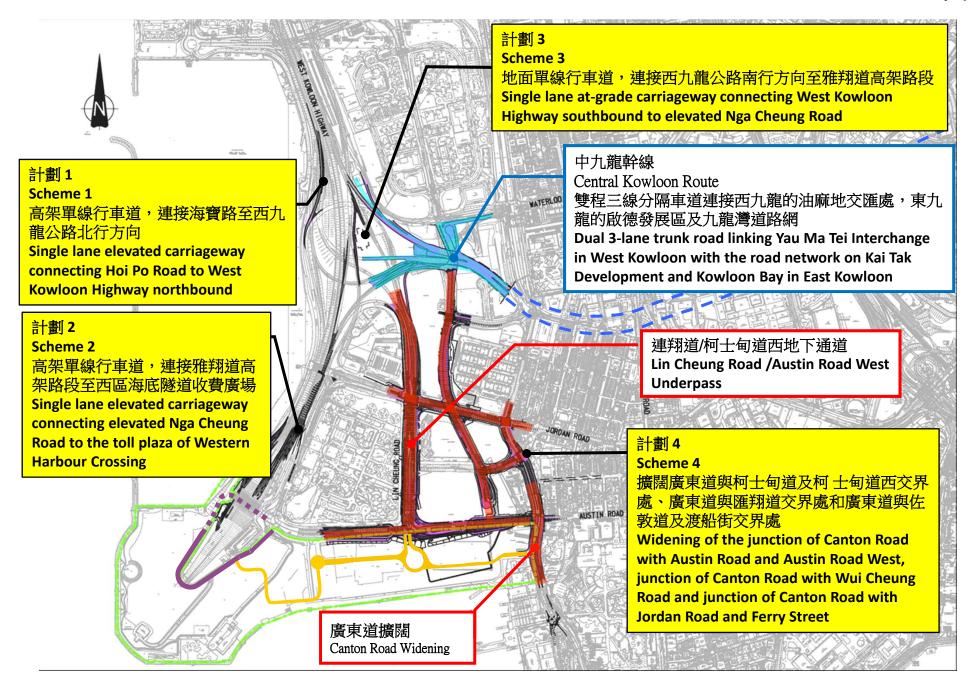
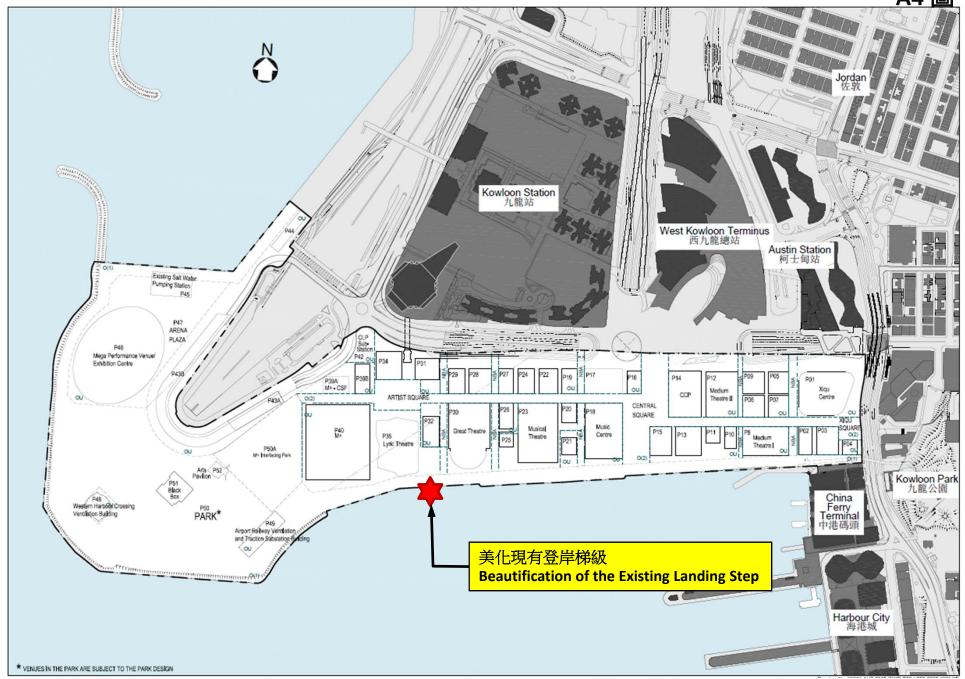


Figure A4 A4 圖



Relevant papers on Integration and connectivity of the West Kowloon Cultural District with its neighbouring districts

Committee	Date of meeting	Paper
Joint Subcommittee to	25.2.2013	Agenda Mi
Monitor the Implementation of the West	(Item II)	Minutes
Kowloon Cultural District	8.4.2013	Agenda
Project	(Item III)	Minutes
	10.7.2013	Agenda
	(Item II)	Minutes
	24.1.2014	Agenda
	(Item II)	Minutes
	28.3.2014	Agenda
	(Item II)	Minutes
	25.4.2014	Agenda
	(Item I)	Minutes
	28.5.2014	Agenda
	(Item II)	Minutes
	7.7.2014	Agenda
	(Item I)	Minutes
		The Administration's
		response to members' concerns raised at the
		meeting
		CB(2)329/14-15(01)
	24.11.2014 (Itam II)	Agenda Minutes
	(Item II)	Minutes
	12.1.2015	Agenda Minutes
	(Item II)	Minutes

Committee	Date of meeting	Paper
Finance Committee	27.2.2015 (Item No.3 - FCR(2014-15)58)	Agenda Minutes
	16.7.2015 (Item No.1 - FCR(2015-16)29)	Agenda

Council Business Division 2 <u>Legislative Council Secretariat</u> 18 November 2015