

**Legislative Council Public Works Subcommittee
meeting on 4 May 2016**

**82TI - Public Transport Interchange at
Northwest Kowloon Reclamation Site 6, Sham Shui Po**

Supplementary Information

PURPOSE

On 4 May 2016, the Public Works Subcommittee (PWSC) recommended **82TI** be submitted to the Finance Committee (FC) for consideration. Members requested that the following supplementary information be provided –

- (a) location plan of permanent toilets to be provided within the proposed Public Transport Interchange (PTI) ;
- (b) design and construction arrangements of the permanent toilets;
- (c) whether the Government will be responsible for construction of permanent toilets within the PTI, for the use by bus operators' employees, GMB drivers and passengers; if not, the reasons for that; and
- (d) consideration by the Government to adopt the lighting system in new projects, including whether lower power consumption of light emitting diode (LED) lighting systems will be adopted.

GOVERNMENT RESPONSES

2. Please find below the Government's responses to the matters set out in paragraph 1 above –

- (a), We have considered the need for toilets when planning the
- (b)& proposed PTI. As part of the composite housing development at
- (c) Northwest Kowloon Reclamation Site 6, there are retail shops and wet market adjoining the proposed PTI, with toilet facilities which are open to the public.

Nonetheless, we have reviewed the detailed design of the PTI and will provide a public toilet within the PTI, for the use by bus operators' employees, GMB drivers, passengers and the public. Upon completion of the construction, the facilities will be handed over to relevant government departments for management and maintenance. The location of the public toilet within the proposed PTI is at **Annex**.

- (d) The high-wattage light emitting diode (LED) lights are not as good as the high-wattage high pressure sodium lamps currently being used in Hong Kong in the aspects of design and luminous efficiency, while luminous efficiency, color rendering and reliability for medium- and low-wattage LED lights are better than those for medium- and low-wattage high-pressure sodium lamps. Highways Department (HyD) commenced a trial scheme in 2009 and has been closely monitoring the performance of a total of 171 LED road lights installed under the trial scheme in seven districts (i.e. the Eastern, Wan Chai, Kowloon City, Kwun Tong, North, Sai Kung and Sha Tin districts). The findings of the trial so far have confirmed the same.

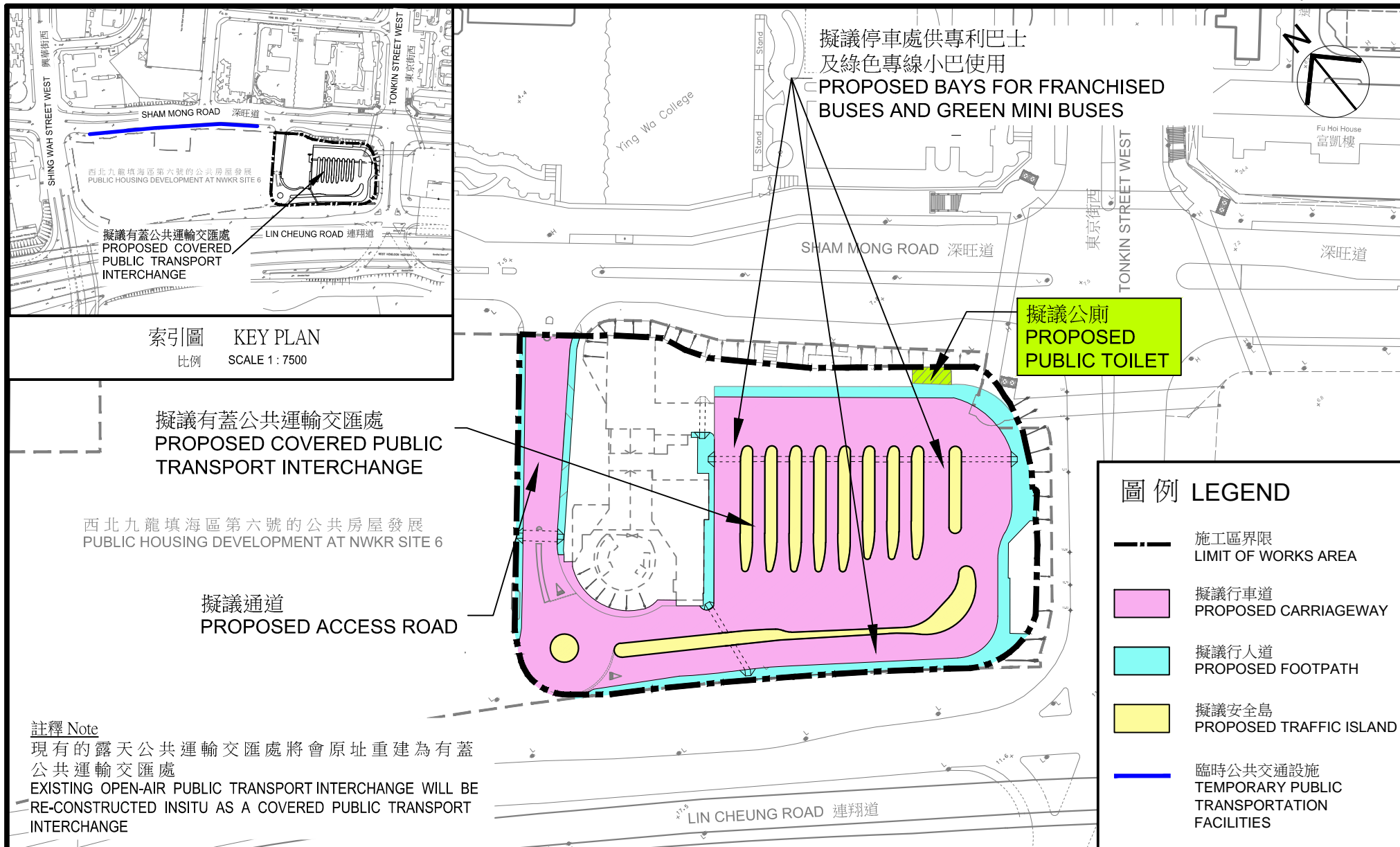
Nonetheless, the prices of LED road lights meeting the necessary certification (such as lighting test, product safety and protection certification) were very high and the cost-effectiveness of LED road lights is not significant enough to justify utilisation on a large scale in Hong Kong. But, HyD will continue monitoring the development of LED lights technology and the market price changes, and carrying out small scale trials to install LED lights in appropriate road sections and

locations, in order to collect data from luminous efficiency, cost-effectiveness and public acceptance aspects, so as to explore the wider applications of LED lights in due course.

During the design phase of new road projects, HyD will take into account the above factors and the lighting needs of individual projects, in considering the suitability of the use of LED lights. Having reviewed this project and the overall performance of LED high-bay lights under trial in the existing Hung Hom PTI, we will install LED high-bay lights in this project for further trial use.

The additional cost incurred due to the provision of a public toilet and trial of LED high-bay lights will be absorbed in the project contingency.

Transport and Housing Bureau
June 2016



工務計劃項目編號 82TI
深水埗西北九龍填海區第六號地盤的公共運輸交匯處
PUBLIC WORKS PROGRAMME ITEM NO. 82TI
PUBLIC TRANSPORT INTERCHANGE AT NORTHWEST KOWLOON RECLAMATION SITE 6, SHAM SHUI PO

工地平面圖
SITE PLAN
比例 SCALE: 1:1500