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發展局
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海港辦事處



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4 October 2021

By Email

Legislative Council Public Works Subcommittee
Legislative Council Secretariat
Legislative Council Complex
Central, Hong Kong
(Attn.: Ms Connie HO)

Dear Ms HO,

**List of Follow-up Actions taken by the Administration Before
Submitting Funding Proposal to Finance Committee for Consideration**

PWP Item No. 873TH – Boardwalk underneath the Island Eastern Corridor
[PWSC Paper (2021-22)33]

I refer to the above e-mail dated 23 September 2021 from the Legislative Council Secretariat, attached please find the supplementary information on the captioned subject (PWP Item No. 873 – Boardwalk underneath the Island Eastern Corridor) [PWSC Paper (2021-22)33].

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Carlos Fung'.

(Carlos FUNG)
for Secretary for Development

Enclosure

PWP Item No. 873TH – Boardwalk underneath the Island Eastern Corridor
[PWSC Paper (2021-22)33]

Supplementary Information

The Boardwalk is designed as a deck structure which is similar to a footbridge structure from an engineering point of view. As per Member's request, we tabulate the estimated construction costs of the proposed Boardwalk and those of some other recent footbridge projects below for reference: -

PWP Item (Date Upgrading to Category A)	Length and Width of Footbridge	(in MOD prices)	
		Estimated Construction Cost (\$ million)	Estimated Construction Cost per Area (m²)
873TH – Boardwalk underneath the Island Eastern Corridor ¹ (funding approval from the FC is being sought)	Length: about 1,800 m Width: minimum 10 m	1,682	about \$60,000 [about \$50,000] ²
332CL – Footbridge at the junction of Sham Mong Road and Yen Chow Street West in Sham Shui Po (Mar 2021)	Length: about 197 m Width: about 4 m	330	about \$360,000 [about \$300,000] ²
163TB – Kwun Tong Town Centre redevelopment – provision of grade-separated pedestrian linkages (Footbridge across Hip Wo Street near the junction of Hip Wo Street/Mut Wah Street) (Jun 2018)	Length: about 58 m ³ Width: about 4 - 6 m	154	about \$530,000 [about \$410,000] ²
164TB – Footbridge Connecting Tsuen Wan Plaza, Skyline Plaza and Adjacent Landscaping Area (May 2016)	Length: about 66 m Width: about 3.5 m	146	about \$610,000 [about \$560,000] ²

¹ The estimated construction cost of the proposed Boardwalk is relatively low when compared to those of footbridges in other Public Works Projects serving similar functions. The main reasons are that the proposed Boardwalk adopts a practical and lightweight design, and utilises the existing piled foundation and piled dolphins of the Island Eastern Corridor as part of its support as far as practicable. Besides, the proposed Boardwalk also utilises the space underneath the Island Eastern Corridor so that the extent of shelters to be erected can be minimised. These reduce the construction cost substantially.

² Estimated construction cost excluding Consultants' fees, Remuneration of resident site staff, On-cost and Contingencies.

³ Project scope of 163TB includes construction of a 4 to 6-metre wide footbridge, with an about 39-metre long curved main deck, and two arms of about 6 and 13-metre long respectively.