

CONTROLLING OFFICER'S REPLY

THB(T)241

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Head: (60) Highways Department
Subhead (No. & title): (-) Not Specified
Programme: (4) Technical Services
Controlling Officer: Director of Highways (K K LAU)
Director of Bureau: Secretary for Transport and Housing

Question (Member Question No. 85):

Under Matters Requiring Special Attention in 2014-15 of this Programme, the Administration stated that it will continue to establish and maintain survey control networks for cross-boundary highway projects. In this connection, will the Government advise this Committee on:

- (1) What are the details of “cross-boundary highway projects”?
- (2) What are the details of “survey control networks”?
- (3) What is the relationship between “cross-boundary highway projects” and “survey control networks”?
- (4) What are the operating expenses, staff establishment and estimated salary expenditure for the aforesaid matter in the 2014-15 estimates?

Asked by: Hon. CHAN Wai-yip, Albert

Reply:

The “cross-boundary highway projects” refer to the Hong Kong-Zhuhai-Macao Bridge and related projects, including the Main Bridge, the Hong Kong Link Road and the Hong Kong Boundary Crossing Facilities (BCF). The Main Bridge is connected to Zhuhai via the Zhuhai BCF and its Link Road, and Macao via the Macao BCF and its Link Road.

The “survey control networks” refer to the networks of survey control stations which have been established jointly by the Hong Kong, Zhuhai and Macao authorities in the Lingdingyang area. As the Main Bridge connects Hong Kong, Zhuhai and Macao, and as each regime has its own surveying system, the “survey control networks” are essential to synchronise the necessary positioning, horizontal and vertical control surveys of the above-mentioned projects to ensure that the construction works can be accurately implemented on site.

Since the networks involve the three Governments, namely Hong Kong, Zhuhai and Macao, each authority is responsible for the cost of setting up the part of the networks within its territory.

While the day-to-day surveying work for the construction works are carried out by the respective contractors, the Highways Department deploys existing staff to maintain the network within the Hong Kong territory as part of their normal duties. There is no separate breakdown on the operating expenses, staff establishment and expenditure on salary dedicated for this purpose.