

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION****THB(T)055**Head: 60 - Highways DepartmentSubhead 000 Operational
(No. & title): Expenses

Question Serial No.

1859

Programme: (4) Technical ServicesControlling Officer: Director of HighwaysDirector of Bureau: Secretary for Transport and HousingQuestion:

Regarding the enhancement of the environment with improved streetscape, more greening, better lighting fixtures and appropriate landscaping works, please provide information on:

- (a) the number, details and expenditure involved of works items planned for 2010-11;
- (b) the energy efficiency of the new fixtures and the savings in electricity charges that can be achieved with respect to better lighting fixtures.

Asked by: Hon. LEE Wing-tatReply:

- (a) The number, details and expenditures involved of works items in question planned for 2010-11 are as follows:

Works details	Number of Works	Estimated expenditure in 2010-11 (\$ million)
(i) Reconstruction of footpath with paving blocks in Central and Western District, Southern District and Wan Chai on the Hong Kong Island; Kwun Tong, Wong Tai Sin, Kowloon City, Yau Tsim Mong and Sham Shui Po in Kowloon; and Tsuen Wan, Tuen Mun, Kwai Tsing and North in the New Territories.	56	36.4
(ii) Greening of slopes in Central and Western District, Wan Chai, Sham Shui Po and Wong Tai Sin	13	0.3
(iii) Installation of electronic ballasts in road lighting	3 000 Ballasts	2.4
(iv) Installation of light emitting diode (LED) road lights on subsidiary roads and rural carparks, e.g. Clearwater Bay Carpark in Sai Kung, Cheung Yip Street in Kowloon Bay, Yin Ping Road in Kowloon Tong, Hong Shing Street in Quarry Bay and Greig Road in Quarry Bay	5	1.0
(v) Installation of LED tubes on 4 footbridges in Kowloon, 1 footbridge in Shatin and 1 footbridge in Tsing Yi	6	0.8
(vi) Replacement using lower wattage lamps	1 100 Lamps	1.1
	Total	42.0

For items a(iii) and a(vi), the works are scattered throughout Hong Kong and the number of works items is under planning and finalisation.

- (b) Items (a)(iii) to (a)(vi) above are works which involve the use of new lighting fixtures having higher energy efficiency. The estimated total saving of energy cost is about \$0.48 million per year.

Signature _____

Name in block letters WAI CHI SING

Post Title Director of Highways

Date 19.3.2010