

CONTROLLING OFFICER'S REPLY

TLB013

(Question Serial No. 2108)

Head: (60) Highways Department
Subhead (No. & title): (-) Not Specified
Programme: (2) District and Maintenance Works
Controlling Officer: Director of Highways (Jimmy P M CHAN)
Director of Bureau: Secretary for Transport and Logistics

Question:

Lung Cheung Road is titled as the road of 'killer of vehicle shock absorbers' by a number of members of the public. Will the Government inform this Committee of the following:

How will the Government make use of innovative technologies and digitalise the work processes to enhance efficiency of maintenance works? What measures does the Government have for improving the road condition of the relevant sections?

Asked by: Hon CHU Kwok-keung (LegCo internal reference no.: 24)

Reply:

The Highways Department (HyD) has all along been striving to adopt innovative technology with a view to improving its services to the public, including road maintenance services. In end 2022, HyD completed the development of a road maintenance management system, which digitalises the inspection and supervision procedures. With the system in place, HyD's staff can manage its maintenance contractors' road condition inspection and maintenance works more efficiently, and the data collected by the system can provide information for better planning of HyD's maintenance works. HyD is also developing a system for automatic detection of such road defects as potholes and faded road markings by adopting artificial intelligence technology. HyD has also been undertaking research and trial applications of more durable and greener paving materials for use in public roads.

HyD engages maintenance contractors for the repair and maintenance of public roads (including Lung Cheung Road) and associated road facilities under its purview. The maintenance contractors will carry out road inspections at regular intervals, and arrange necessary repair works upon identification of road defects and receipt of defect reports, so as to maintain the road network in a safe and serviceable condition. Apart from arranging immediate repair works to rectify road defects that might cause road safety concerns, HyD also monitors the overall pavement conditions and arranges resurfacing or reconstruction works of larger scale at suitable junctures to improve the condition of public roads under HyD's purview. HyD has planned to carry out additional resurfacing and construction

works at Lung Cheung Road for completion in Q4 2023. HyD will also arrange additional inspections for Lung Cheung Road such that repair works for defective pavement surfaces can be arranged in a timely manner.

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