

## NOTE FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

### Supplementary Information on 476CL – Formation and servicing of Area 36, Fanling – remaining works

#### INTRODUCTION

When considering PWSC(2001-02)43 on **476CL** at the Public Works Subcommittee meeting held on 30 May 2001, Members requested the Administration to provide a comparison of the existing and anticipated noise levels of road sections to be improved or widened under the project.

#### THE ADMINISTRATION'S RESPONSE

2. The proposed road widening and junction improvement works are scheduled to be completed in July 2003. These works mainly serve to enhance junction throughput and road capacity so as to relieve traffic congestion. The existing and anticipated noise levels at the concerned road sections upon the population intake of the public housing development in Fanling Area 36 by the end of 2004 are summarized as follows -

Junction	Existing noise level <sup>1</sup>  dB(A)	Anticipated noise level in 2004 <sup>2</sup>	
		Without junction improvement  dB(A)	With junction improvement  dB(A)
1. Fan Kam Road/Castle Peak Road junction		No nearby noise sensitive receivers	
		/2. ....	

<sup>1</sup> We measured the existing noise levels during traffic peak hours at the noise sensitive receivers located closest to the proposed road widening and junction improvement works.

<sup>2</sup> The anticipated noise levels in 2004 are computed based on the forecast traffic figures that would prevail after the scheduled population intake of the public housing development in Fanling Area 36 by the end of 2004.

Junction	Existing noise level <sup>1</sup> dB(A)	Anticipated noise level in 2004 <sup>2</sup>	
		Without junction improvement dB(A)	With junction improvement dB(A)
2. So Kwun Po Road/ Jockey Club Road junction	62.5	63.0	63.0
3. So Kwun Po Road/ Pak Wo Road junction	72.4	72.9	72.9
4. Fanling Highway/ So Kwun Po Road roundabout	65.4	65.5	65.5
5. Po Shek Wu Road/ Choi Yuen Road junction	73.4	73.7	73.7
6. Fan Kam Road/ Po Kin Road junction	63.6	64.3	64.3
7. Po Shek Wu Road/ Po Wan Road junction	72.1	72.3	72.3
8. Fanling Highway/ Po Shek Wu Road/ Fan Kam Road roundabout	71.8	72.2	72.2

3. We propose to improve eight junctions. There are no noise sensitive receivers at the Fan Kam Road/Castle Peak Road junction (no. 1 in the table above). The existing and anticipated noise levels at three of the junctions (nos. 2, 4 and 6) are below 70 dB(A), the acceptable road noise level for residential premises under the Hong Kong Planning Standards and Guidelines. Although the existing noise levels for the remaining four road junctions (nos. 3, 5, 7 and 8) exceed 70 dB(A), we anticipate only a marginal increase of noise level (less than 0.5 dB(A)) at these junctions in 2004 as compared with the current levels, attributable to traffic growth arising from the population intake of the public housing development in Fanling Area 36.

/4. ....

4. We have considered the feasibility of providing noise barriers at these junctions. Due to the need to maintain unobstructed sightline (for road safety), limited available space and other site constraints, installation of noise barriers is not practicable. We have also considered the feasibility of imposing traffic management measures such as reducing the speed limit or restricting the use of heavy vehicles at these junctions but found these to be not feasible. Nonetheless, the concerned government departments are exploring the possibility of using low noise paving material at these junctions to reduce the traffic noise level.

-----

Planning and Lands Bureau  
June 2001

[in476cl-02.doc]