

Appendix 4.7.6 Determination of Traffic Noise Impact on Existing Road due to the Project

Key Link	Time	Traffic Flow in Year 2048 (pcu/hr)		Increase in Basic Noise Level due to the Project, dB(A)
		Without Project	With Project	
Castle Peak Road – Lam Tei	AM	3221	4010	-1.55
	PM	2983	4150	-1.07
Hung Tin Road (Near Castle Peak Road)	AM	6226	5004	-0.95
	PM	5480	4788	-0.59
Hung Tin Road (Near Hung Chi Road)	AM	4691	3372	-1.43
	PM	3848	3080	-0.97
Tin Ha Road	AM	713	821	0.61
	PM	973	1081	0.46
Hung Shui Kiu Tin Sam Road	AM	454	670	1.69
	PM	367	540	1.67
Lau Fau Shan Road	AM	1167	486	-3.80
	PM	1254	486	-4.11
Ping Ha Road (East of Hung Tin Road)	AM	2389	1837	-1.14
	PM	2021	2302	0.57
Hung Chi Road Near Hung Tin Road	AM	616	1805	4.67
	PM	616	1859	4.80

Note:

1. Provision of low noise road surfacing is implemented on Castle Peak Road under this study as one of environmentally friend design, thus a 2.5dB(A) reduction is considered.