

Appendix 5-5
Detailed Traffic Noise Modelling Results
Operational Phase Traffic Noise Impact Assessment

N1	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	69.1	69.3	NA	68.7	69.1	NA	69.7	69.9	NA
5/F	69.1	69.3	NA	68.7	69.2	NA	69.7	69.9	NA
10/F	69.3	69.5	NA	68.8	69.3	NA	69.7	69.9	NA
15/F	69.7	69.9	NA	69.2	69.7	NA	69.9	70.2	NA
20/F	69.8	70.0	NA	69.3	69.9	NA	70.0	70.2	NA
25/F	69.7	69.9	NA	69.2	69.8	NA	69.9	70.1	NA
30/F	69.6	69.8	NA	69.2	69.7	NA	69.8	70.0	NA
35/F	69.5	69.7	NA	69.0	69.6	NA	69.6	69.9	NA
N2	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	67.8	68.0	NA	67.3	67.9	NA	68.2	68.5	NA
5/F	68.0	68.2	NA	67.5	68.1	NA	68.4	68.6	NA
10/F	69.0	69.2	NA	68.5	69.1	NA	69.0	69.3	NA
15/F	69.8	70.1	NA	69.3	70.0	NA	69.6	70.0	NA
20/F	70.0	70.2	NA	69.4	70.1	NA	69.7	70.1	NA
25/F	70.0	70.2	NA	69.4	70.1	NA	69.7	70.1	NA
30/F	69.9	70.1	NA	69.4	70.1	NA	69.7	70.0	NA
35/F	69.8	70.0	NA	69.3	70.0	NA	69.7	70.1	NA
N3	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	61.7	62.0	NA	61.4	62.3	NA	61.9	62.4	NA
5/F	62.3	62.6	NA	61.9	62.9	NA	62.4	62.8	NA
10/F	63.9	64.3	NA	63.5	64.4	NA	63.6	64.1	NA
15/F	65.9	66.2	NA	65.4	66.3	NA	65.2	65.7	NA
20/F	66.7	67.0	NA	66.1	67.0	NA	65.8	66.3	NA
25/F	66.8	67.1	NA	66.2	67.1	NA	66.0	66.5	NA
30/F	66.8	67.1	NA	66.2	67.1	NA	66.0	66.5	NA
35/F	66.8	67.1	NA	66.2	67.1	NA	66.1	66.6	NA
N4	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	63.9	64.2	NA	63.3	64.0	NA	62.9	63.4	NA
5/F	68.8	69.1	NA	68.1	68.9	NA	67.5	68.0	NA
10/F	69.5	69.8	NA	68.9	69.7	NA	68.4	68.9	NA
15/F	69.7	70.0	NA	69.1	69.9	NA	69.0	69.5	NA
20/F	70.0	70.3	NA	69.4	70.3	NA	69.7	70.2	NA
25/F	70.1	70.5	0.4	69.6	70.4	NA	69.9	70.3	NA
30/F	69.8	70.1	NA	69.3	70.1	NA	69.6	70.0	NA
N5	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	63.1	63.3	NA	62.7	63.3	NA	62.5	62.8	NA
5/F	67.1	67.3	NA	66.6	67.3	NA	66.2	66.6	NA
10/F	68.4	68.7	NA	68.0	68.7	NA	68.0	68.4	NA
15/F	69.3	69.6	NA	68.9	69.7	NA	69.3	69.7	NA
20/F	69.6	69.9	NA	69.2	70.0	NA	69.6	70.0	NA
25/F	69.2	69.6	NA	68.8	69.6	NA	69.2	69.6	NA
30/F	68.8	69.2	NA	68.4	69.2	NA	68.8	69.2	NA

N6	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	63.6	63.8	NA	63.2	63.8	NA	63.0	63.4	NA
5/F	68.4	68.6	NA	67.8	68.5	NA	67.4	67.8	NA
10/F	69.5	69.7	NA	69.0	69.7	NA	68.8	69.3	NA
15/F	70.4	70.7	0.3	70.0	70.8	0.8	70.2	70.6	0.4
20/F	70.7	71.0	0.3	70.3	71.1	0.8	70.7	71.1	0.4
25/F	70.7	71.0	0.3	70.3	71.1	0.8	70.7	71.1	0.4
30/F	70.4	70.6	0.2	69.9	70.8	0.9	70.3	70.7	0.4
N7	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	61.5	61.7	NA	61.5	61.9	NA	61.7	61.9	NA
5/F	62.8	63.0	NA	62.7	63.1	NA	62.9	63.1	NA
10/F	63.5	63.6	NA	63.3	63.8	NA	63.5	63.8	NA
15/F	64.2	64.4	NA	64.1	64.5	NA	64.2	64.4	NA
20/F	64.8	64.9	NA	64.6	65.1	NA	64.6	64.8	NA
25/F	65.0	65.2	NA	64.8	65.3	NA	64.7	65.0	NA
30/F	65.1	65.3	NA	64.8	65.4	NA	64.8	65.1	NA
35/F	65.1	65.3	NA	64.9	65.4	NA	64.9	65.2	NA
40/F	65.2	65.4	NA	65.0	65.5	NA	65.0	65.3	NA
45/F	65.3	65.5	NA	65.1	65.7	NA	65.2	65.4	NA
N8	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	63.8	64.0	NA	63.7	64.1	NA	63.9	64.1	NA
5/F	64.3	64.4	NA	64.3	64.7	NA	64.4	64.6	NA
10/F	65.0	65.1	NA	65.0	65.4	NA	65.1	65.3	NA
15/F	65.5	65.6	NA	65.4	65.9	NA	65.5	65.7	NA
20/F	65.9	66.1	NA	65.9	66.3	NA	65.9	66.1	NA
25/F	66.2	66.4	NA	66.1	66.6	NA	66.1	66.4	NA
30/F	66.5	66.6	NA	66.3	66.8	NA	66.4	66.6	NA
35/F	66.5	66.7	NA	66.4	66.9	NA	66.4	66.7	NA
40/F	66.8	66.9	NA	66.7	67.1	NA	66.7	66.9	NA
45/F	66.9	67.0	NA	66.8	67.2	NA	66.9	67.1	NA
N9	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	70.7	71.1	0.4	71.4	72.2	0.8	72.1	72.5	0.4
5/F	71.1	71.4	0.3	71.7	72.6	0.9	72.5	72.9	0.4
10/F	71.0	71.3	0.3	71.6	72.5	0.9	72.4	72.8	0.4
15/F	70.7	71.1	0.4	71.4	72.2	0.8	72.1	72.5	0.4
20/F	70.4	70.8	0.4	71.1	72.0	0.9	71.9	72.3	0.4
25/F	70.2	70.5	0.3	70.8	71.7	0.9	71.6	72.0	0.4
30/F	69.9	70.2	NA	70.5	71.4	0.9	71.3	71.7	0.4
35/F	69.6	69.9	NA	70.2	71.1	0.9	71.0	71.4	0.4
40/F	69.3	69.6	NA	69.9	70.8	0.9	70.7	71.1	0.4
45/F	69.0	69.3	NA	69.6	70.5	0.9	70.4	70.8	0.4

N10	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	69.1	69.4	NA	69.8	70.6	0.8	70.5	70.9	0.4
5/F	69.0	69.4	NA	69.7	70.6	0.9	70.5	70.9	0.4
10/F	68.8	69.2	NA	69.5	70.4	NA	70.3	70.7	0.4
15/F	68.6	68.9	NA	69.3	70.1	NA	70.0	70.4	NA
20/F	68.3	68.7	NA	69.0	69.8	NA	69.7	70.1	NA
25/F	68.0	68.3	NA	68.7	69.5	NA	69.4	69.8	NA
30/F	67.7	68.0	NA	68.4	69.2	NA	69.1	69.5	NA
35/F	67.3	67.7	NA	68.0	68.9	NA	68.8	69.2	NA
40/F	67.0	67.4	NA	67.7	68.6	NA	68.5	68.8	NA
45/F	66.7	67.1	NA	67.4	68.3	NA	68.2	68.5	NA

N11	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	71.9	72.3	0.4	72.6	73.4	0.8	73.3	73.7	0.4
5/F	72.5	72.8	0.3	73.1	74.0	0.9	73.9	74.3	0.4
10/F	72.2	72.6	0.4	72.9	73.7	0.8	73.6	74.0	0.4
15/F	71.9	72.3	0.4	72.6	73.4	0.8	73.3	73.7	0.4
20/F	71.5	71.9	0.4	72.2	73.0	0.8	73.0	73.4	0.4
25/F	71.2	71.5	0.3	71.8	72.7	0.9	72.6	73.0	0.4
30/F	70.8	71.2	0.4	71.5	72.3	0.8	72.2	72.6	0.4

N12	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	59.1	59.4	NA	58.8	59.7	NA	59.6	60.0	NA
2/F	59.6	59.9	NA	59.2	60.2	NA	59.9	60.3	NA
3/F	60.2	60.5	NA	59.8	60.8	NA	60.4	60.8	NA
4/F	61.0	61.4	NA	60.6	61.5	NA	61.0	61.4	NA
5/F	62.1	62.4	NA	61.6	62.5	NA	61.7	62.2	NA
6/F	63.3	63.6	NA	62.8	63.7	NA	62.7	63.2	NA

N13	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	53.3	53.6	NA	52.7	53.6	NA	52.8	53.2	NA
2/F	54.1	54.4	NA	53.5	54.4	NA	53.5	53.9	NA
3/F	54.9	55.2	NA	54.3	55.2	NA	54.2	54.7	NA
4/F	55.9	56.2	NA	55.3	56.2	NA	55.1	55.6	NA
5/F	57.0	57.2	NA	56.3	57.2	NA	56.1	56.6	NA
6/F	58.4	58.7	NA	57.7	58.6	NA	57.4	57.9	NA

N14	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	56.0	56.0	NA	58.2	59.0	NA	58.9	59.3	NA
2/F	57.1	57.1	NA	59.3	60.1	NA	59.9	60.2	NA
3/F	58.5	58.5	NA	60.6	61.4	NA	61.0	61.3	NA

N15	A.M. Peak Hour			Fill Bank Peak Hour			P.M. Peak Hour		
	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)	w/o Fill Bank L _{10(1-hr)} , dB(A)	w/e Fill Bank L _{10(1-hr)} , dB(A)	Contribution, dB(A)
Storey	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)	(i)	(ii)	(iii)=(ii)-(i)
1/F	61.8	61.9	NA	61.5	61.9	NA	61.9	62.1	NA
2/F	62.3	62.4	NA	62.0	62.4	NA	62.3	62.5	NA
3/F	63.0	63.2	NA	62.8	63.2	NA	63.0	63.2	NA
4/F	63.8	64.0	NA	63.6	64.0	NA	63.8	64.0	NA
5/F	64.5	64.7	NA	64.3	64.7	NA	64.4	64.6	NA
6/F	65.0	65.2	NA	64.8	65.3	NA	64.8	65.0	NA