

Assessment Point			Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R4001	1	10.3	Wing Ning Tsuen	60.9	60.9	54.7	0	60.1	48.4	0	0	0	60.4	61.4	70	N	0.5	N	N	6.7	Y	N
R4001	2	13.3	Wing Ning Tsuen	61.6	61.6	56	0	60.7	50.3	0	0	0	61.1	62.2	70	N	0.6	N	N	6.2	Y	N
R4001	3	16.3	Wing Ning Tsuen	62.1	62.2	56.6	0	61.3	51	0	0	0	61.7	62.9	70	N	0.7	N	N	6.3	Y	N
R4002	1	10.3	Wing Ning Tsuen	62.3	62.2	58.4	0	60	48.2	10.1	0	0	60.3	62.5	70	N	0.3	N	N	4.1	Y	N
R4002	2	13.3	Wing Ning Tsuen	63.1	63.1	59.6	0	60.5	50.1	10.1	0	0	60.9	63.3	70	N	0.2	N	N	3.7	Y	N
R4002	3	16.3	Wing Ning Tsuen	63.7	63.6	60.3	0	60.9	50.9	10.1	0	0	61.3	63.9	70	N	0.3	N	N	3.6	Y	N
R4003	1	10.3	Wing Ning Tsuen	62.2	62.1	58.6	0	59.4	47.5	12.6	0	0	59.7	62.2	70	N	0.1	N	N	3.6	Y	N
R4003	2	13.3	Wing Ning Tsuen	63.0	62.9	59.7	0	59.9	49.3	12.6	0	0	60.3	63	70	N	0.1	N	N	3.3	Y	N
R4003	3	16.3	Wing Ning Tsuen	63.5	63.4	60.3	0	60.3	50.2	12.7	0	0	60.7	63.6	70	N	0.2	N	N	3.3	Y	N
R4021	1	8.1	Wing Ning Wai	61.6	61.6	51.7	0	61.2	46.3	14.5	0	0	61.3	61.8	70	N	0.2	N	N	10.1	Y	N
R4021	2	11.1	Wing Ning Wai	62.5	62.6	53.8	0	61.9	49.6	14.5	0	0	62.2	62.8	70	N	0.2	N	N	9.0	Y	N
R4021	3	14.1	Wing Ning Wai	63.4	63.4	55.3	0	62.6	51.1	14.5	0	0	62.9	63.6	70	N	0.2	N	N	8.3	Y	N
R4022	1	8.1	Wing Ning Wai	63.2	63.3	49	0	61	21	14.1	0	0	61	61.3	70	N	-2.0	N	N	12.3	Y	N
R4022	2	11.1	Wing Ning Wai	64.1	64.2	49.9	0	62.1	21.1	14.2	0	0	62.1	62.3	70	N	-1.9	N	N	12.4	Y	N
R4022	3	14.1	Wing Ning Wai	65.0	65.1	50.7	0	63	21.1	14.3	0	0	63	63.2	70	N	-1.9	N	N	12.5	Y	N
R4023	1	8.1	Wing Ning Wai	65.3	65.3	61	0	61.9	22.6	17.1	0	0	61.9	64.5	70	N	-0.8	N	N	3.5	Y	N
R4023	2	11.1	Wing Ning Wai	66.3	66.3	62	0	63.1	22.7	17.3	0	0	63.1	65.6	70	N	-0.7	N	N	3.6	Y	N
R4023	3	14.1	Wing Ning Wai	67.3	67.2	62.9	0	64.2	22.7	17.4	0	0	64.2	66.6	70	N	-0.6	N	N	3.7	Y	N
R4024	1	8.1	Wing Ning Wai	65.5	65.4	60.8	0	62.7	22.2	17.6	0	0	62.7	64.9	70	N	-0.5	N	N	4.1	Y	N
R4024	2	11.1	Wing Ning Wai	66.6	66.6	61.9	0	64	22.2	17.7	0	0	64	66.1	70	N	-0.5	N	N	4.2	Y	N
R4024	3	14.1	Wing Ning Wai	67.6	67.6	62.9	0	65.1	22.3	17.9	0	0	65.1	67.2	70	N	-0.4	N	N	4.3	Y	N
R4025	1	8.1	Wing Ning Wai	65.9	65.9	62.6	0	63	21.7	16.9	0	0	63	65.8	70	N	-0.1	N	N	3.2	Y	N
R4025	2	11.1	Wing Ning Wai	67.1	67.1	63.7	0	64.3	21.6	16.9	0	0	64.3	67.1	70	N	0.0	N	N	3.4	Y	N
R4025	3	14.1	Wing Ning Wai	68.1	68.1	64.6	0	65.5	21.6	16.9	0	0	65.5	68.1	70	N	0.0	N	N	3.5	Y	N
R4026	1	8.1	Wing Ning Wai	67.5	67.4	66.3	0	62.6	21.2	16.6	0	0	62.6	67.8	70	N	0.4	N	N	1.5	Y	N
R4026	2	11.1	Wing Ning Wai	68.8	68.7	67.4	0	63.9	21.1	16.6	0	0	63.9	69	70	N	0.3	N	N	1.6	Y	N
R4026	3	14.1	Wing Ning Wai	69.7	69.6	68.2	0	65.1	21.3	16.6	0	0	65.1	69.9	70	N	0.3	N	N	1.7	Y	N
R4027	1	8.1	Wing Ning Wai	65.6	65.3	65.8	0	46.1	0	13.2	0	0	46.1	65.9	70	N	0.6	N	N	0.1	N	N
R4027	2	11.1	Wing Ning Wai	66.5	66.2	66.7	0	48.3	0	13.2	0	0	48.3	66.8	70	N	0.6	N	N	0.1	N	N
R4027	3	14.1	Wing Ning Wai	67.2	67.0	67.5	0	49.9	0	13.2	0	0	49.9	67.5	70	N	0.5	N	N	0.0	N	N
R4028	1	8.1	Wing Ning Wai	66.5	66.3	65.9	0	59.3	16.4	11.5	0	0	59.3	66.8	70	N	0.5	N	N	0.9	N	N
R4028	2	11.1	Wing Ning Wai	67.7	67.5	66.8	0	60.8	16.5	11.5	0	0	60.8	67.8	70	N	0.3	N	N	1.0	N	N
R4028	3	14.1	Wing Ning Wai	68.6	68.4	67.5	0	62.1	16.6	11.5	0	0	62.1	68.6	70	N	0.2	N	N	1.1	Y	N
R4029	1	8.1	Wing Ning Wai	64.7	64.4	64.9	0	37.2	0	0	0	0	37.2	64.9	70	N	0.5	N	N	0.0	N	N
R4029	2	11.1	Wing Ning Wai	65.5	65.2	65.7	0	38.8	0	0	0	0	38.8	65.7	70	N	0.5	N	N	0.0	N	N
R4029	3	14.1	Wing Ning Wai	66.2	65.9	66.4	0	40.6	0	0	0	0	40.6	66.4	70	N	0.5	N	N	0.0	N	N
R4041	1	10.1	San Uk Tsuen	70.4	70.1	70.6	0	0	0	0	0	0	0	70.6	70	Y	0.5	N	N	0.0	N	N
R4041	2	13.1	San Uk Tsuen	71.8	71.4	72	0	0	0	0	0	0	0	72	70	Y	0.6	N	N	0.0	N	N
R4041	3	16.1	San Uk Tsuen	72.6	72.3	72.8	0	0	0	0	0	0	0	72.8	70	Y	0.5	N	N	0.0	N	N
R4042	1	10.1	San Uk Tsuen	71.1	70.8	71.3	0	60.2	16.3	0	0	0	60.2	71.6	70	Y	0.8	N	N	0.3	N	N
R4042	2	13.1	San Uk Tsuen	72.5	72.1	72.5	0	61.3	16.4	0	0	0	61.3	72.8	70	Y	0.7	N	N	0.3	N	N
R4042	3	16.1	San Uk Tsuen	73.2	72.8	73.2	0	61.9	16.6	0	0	0	61.9	73.5	70	Y	0.7	N	N	0.3	N	N
R4043	1	10.1	San Uk Tsuen	70.0	69.7	70.3	0	29.6	0	0	0	0	29.6	70.3	70	N	0.6	N	N	0.0	N	N
R4043	2	13.1	San Uk Tsuen	71.2	70.8	71.4	0	30.2	0	0	0	0	30.2	71.4	70	Y	0.6	N	N	0.0	N	N
R4043	3	16.1	San Uk Tsuen	71.9	71.6	72.1	0	30.9	0	0	0	0	30.9	72.1	70	Y	0.5	N	N	0.0	N	

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	NEW ROADS					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	New Roads Contribution dB(A) [E]						E > 1dB(A)		
ID	Floor	Floor Level (mPD)						PD	DD	OTHER	EX	TR											
R4421	6	41.5	Belair Monte	69.1	69.6	67.5	0	61.4	37.8	48.7	0	0	61.7	68.5	70	N	-1.1	N	N	1.0			
R4421	7	44.5	Belair Monte	69.5	70.0	67.7	0	61.5	40.4	48.6	0	0	61.7	68.7	70	N	-1.3	N	N	1.0			
R4421	8	47.5	Belair Monte	69.7	70.3	67.8	0	61.5	41.4	48.6	0	0	61.8	68.8	70	N	-1.5	N	N	1.0			
R4421	9	50.5	Belair Monte	69.7	70.4	67.8	0	61.5	41.7	48.6	0	0	61.8	68.8	70	N	-1.6	N	N	1.0			
R4421	10	53.5	Belair Monte	69.7	70.4	67.7	0	61.5	41.7	48.6	0	0	61.8	68.7	70	N	-1.7	N	N	1.0			
R4421	11	56.5	Belair Monte	69.8	70.5	67.7	0	61.6	41.6	48.6	0	0	61.8	68.7	70	N	-1.8	N	N	1.0			
R4421	12	59.5	Belair Monte	69.7	70.4	67.5	0	61.6	41.5	48.5	0	0	61.8	68.6	70	N	-1.8	N	Y	1.1			
R4421	13	62.5	Belair Monte	69.7	70.3	67.5	0	61.6	41.3	48.5	0	0	61.8	68.5	70	N	-1.8	N	N	1.0			
R4421	14	65.5	Belair Monte	69.6	70.3	67.3	0	61.6	41.1	48.5	0	0	61.8	68.4	70	N	-1.9	N	Y	1.1			
R4421	15	68.5	Belair Monte	69.5	70.2	67.2	0	61.7	40.9	48.5	0	0	62	68.4	70	N	-1.8	N	Y	1.2			
R4421	16	71.5	Belair Monte	69.4	70.1	67.1	0	61.9	40.7	48.4	0	0	62.1	68.3	70	N	-1.8	N	Y	1.2			
R4421	17	74.5	Belair Monte	69.4	70.0	67.1	0	62	40.5	48.4	0	0	62.3	68.3	70	N	-1.7	N	Y	1.2			
R4421	18	77.5	Belair Monte	69.2	69.9	67	0	62.2	40.2	48.4	0	0	62.4	68.3	70	N	-1.6	N	Y	1.3			
R4421	19	80.5	Belair Monte	69.2	69.8	67.1	0	62.4	40.2	48.4	0	0	62.6	68.4	70	N	-1.4	N	Y	1.3			
R4421	20	83.5	Belair Monte	69.1	69.7	67	0	62.6	40.1	48.4	0	0	62.8	68.4	70	N	-1.3	N	Y	1.4			
R4421	21	86.5	Belair Monte	69.0	69.6	67	0	62.8	39.9	48.5	0	0	63	68.4	70	N	-1.2	N	Y	1.4			
R4421	22	89.5	Belair Monte	68.9	69.5	67	0	63.1	39.8	48.6	0	0	63.3	68.5	70	N	-1.0	N	Y	1.5			
R4421	23	92.5	Belair Monte	68.8	69.4	67	0	63.2	39.6	48.8	0	0	63.4	68.6	70	N	-0.8	N	N	1.6			
R4421	24	95.5	Belair Monte	68.7	69.3	67	0	63.5	39.5	49	0	0	63.6	68.6	70	N	-0.7	N	Y	1.6			
R4421	25	98.5	Belair Monte	68.7	69.3	66.9	0	63.7	39.3	49.1	0	0	63.9	68.6	70	N	-0.7	N	Y	1.7			
R4421	26	101.5	Belair Monte	68.6	69.1	66.8	0	64	39.2	49.2	0	0	64.2	68.7	70	N	-0.4	N	Y	1.9			
R4421	27	104.5	Belair Monte	68.5	69.1	66.7	0	64.3	39.1	49.2	0	0	64.4	68.7	70	N	-0.4	N	Y	2.0			
R4421	28	107.5	Belair Monte	68.4	69.0	66.6	0	64.5	39	49.3	0	0	64.6	68.7	70	N	-0.3	N	Y	2.1			
R4421	29	110.5	Belair Monte	68.3	68.9	66.6	0	64.6	38.8	49.4	0	0	64.7	68.8	70	N	-0.1	N	Y	2.2			
R4421	30	113.5	Belair Monte	68.3	68.8	66.5	0	64.7	38.7	49.6	0	0	64.9	68.8	70	N	0.0	N	Y	2.3			
R4422	1	26.5	Belair Monte	60.6	60.3	50.6	0	49.2	23.4	0	0	0	49.2	53	70	N	-7.3	N	Y	2.4			
R4422	2	29.5	Belair Monte	64.7	64.4	55.1	0	52.6	23.4	0	0	0	52.6	57	70	N	-7.4	N	Y	1.9			
R4422	3	32.5	Belair Monte	65.6	65.5	56.9	0	56.6	23.3	0	0	0	56.6	59.8	70	N	-5.7	N	Y	2.9			
R4422	4	35.5	Belair Monte	66.2	66.2	58.4	0	59.7	23.2	0	0	0	59.7	62.1	70	N	-4.1	N	Y	3.7			
R4422	5	38.5	Belair Monte	66.8	66.7	59.9	0	60.7	23.2	0	0	0	60.7	63.3	70	N	-3.4	N	Y	3.4			
R4422	6	41.5	Belair Monte	67.1	67.1	61.3	0	60.9	23.1	0	0	0	60.9	64.1	70	N	-3.0	N	Y	2.8			
R4422	7	44.5	Belair Monte	67.3	67.3	62	0	61	23	0	0	0	61	64.6	70	N	-2.7	N	Y	2.6			
R4422	8	47.5	Belair Monte	67.5	67.5	62.6	0	60.9	23	0	0	0	60.9	64.9	70	N	-2.6	N	Y	2.3			
R4422	9	50.5	Belair Monte	67.6	67.7	62.9	0	60.9	22.9	0	0	0	60.9	65	70	N	-2.7	N	Y	2.1			
R4422	10	53.5	Belair Monte	67.7	67.7	63.1	0	60.8	22.8	0	0	0	60.8	65.1	70	N	-2.6	N	Y	2.0			
R4422	11	56.5	Belair Monte	67.6	67.8	63.2	0	60.8	22.8	0	0	0	60.8	65.2	70	N	-2.6	N	Y	2.0			
R4422	12	59.5	Belair Monte	67.7	67.8	63.2	0	60.7	22.5	0	0	0	60.7	65.2	70	N	-2.6	N	Y	2.0			
R4422	13	62.5	Belair Monte	67.7	67.9	63.2	0	60.7	22.5	0	0	0	60.7	65.1	70	N	-2.8	N	Y	1.9			
R4422	14	65.5	Belair Monte	67.7	67.8	63.2	0	60.7	22.5	0	0	0	60.7	65.1	70	N	-2.7	N	Y	1.9			
R4422	15	68.5	Belair Monte	67.6	67.8	63.3	0	60.6	22.4	0	0	0	60.6	65.1	70	N	-2.7	N	Y	1.8			
R4422	16	71.5	Belair Monte	67.6	67.8	63.3	0	60.6	22.4	0	0	0	60.6	65.2	70	N	-2.6	N	Y	1.9			
R4422	17	74.5	Belair Monte	67.6	67.8	63.3	0	60.6	22.4	0	0	0	60.6	65.2	70	N	-2.6	N	Y	1.9			
R4422	18	77.5	Belair Monte	67.5	67.7	63.4	0	60.5	22.4	0	0	0	60.5	65.2	70	N	-2.5	N	Y	1.8			
R4422	19	80.5	Belair Monte	67.5	67.7	63.5	0	60.6	22.4	0	0	0	60.6	65.3	70	N	-2.4	N	Y	1.8			
R4422	20	83.5	Belair Monte	67.4	67.6	63.6	0	60.7	22.4	0	0	0	60.7	65.4	70	N	-2.2	N	Y	1.8			
R4422	21	86.5	Belair Monte	67.3	67.5	63.7	0	60.8	22.4	0	0	0	60.8	65.5	70	N	-2.0	N	Y	1.8			
R4422	22	89.5	Belair Monte	67.3	67.5	63.7	0	61.2	22.4	0	0	0	61.2	65.7	70	N	-1.8	N	Y	2			

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				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			NEW ROADS												New Roads Contribution dB(A) [E]	E > 1dB(A)	
ID	Floor	Floor Level (mPD)						PD	DD	OTHER	EX	TR										
R4424	26	101.5	Belair Monte	67.5	68.5	68.1	0	46	9.5	59.1	0	0	59.3	68.6	70	N	0.1	N	N	0.5	N	
R4424	27	104.5	Belair Monte	67.4	68.4	68	0	46.7	9.4	59	0	0	59.2	68.5	70	N	0.1	N	N	0.5	N	
R4424	28	107.5	Belair Monte	67.3	68.3	67.9	0	47.3	9.9	58.9	0	0	59.2	68.4	70	N	0.1	N	N	0.5	N	
R4424	29	110.5	Belair Monte	67.2	68.1	67.8	0	48	10.4	58.8	0	0	59.1	68.3	70	N	0.2	N	N	0.5	N	
R4424	30	113.5	Belair Monte	67.1	68.1	67.7	0	48.8	10.9	58.7	0	0	59.1	68.2	70	N	0.1	N	N	0.5	N	
R4425	1	26.5	Belair Monte	61.8	63.2	62.2	0	39.7	0	61	0	0	61.1	64.7	70	N	1.5	Y	N	2.5	Y	
R4425	2	29.5	Belair Monte	67.0	68.3	67.6	0	41.5	0	63.1	0	0	63.1	68.9	70	N	0.6	N	N	1.3	Y	
R4425	3	32.5	Belair Monte	68.8	70.1	69.3	0	41.8	0	63.1	0	0	63.1	70.3	70	N	0.2	N	N	1.0	N	
R4425	4	35.5	Belair Monte	69.3	70.6	69.8	0	42.1	0	63	0	0	63	70.6	70	Y	0.0	N	N	0.8	N	
R4425	5	38.5	Belair Monte	69.4	70.7	69.8	0	42.3	0	62.9	0	0	63	70.7	70	Y	0.0	N	N	0.9	N	
R4425	6	41.5	Belair Monte	69.2	70.5	69.7	0	42.4	0	62.9	0	0	62.9	70.5	70	Y	0.0	N	N	0.8	N	
R4425	7	44.5	Belair Monte	69.1	70.4	69.6	0	42.5	0	62.8	0	0	62.8	70.4	70	N	0.0	N	N	0.8	N	
R4425	8	47.5	Belair Monte	68.9	70.2	69.4	0	42.7	0	62.7	0	0	62.7	70.2	70	N	0.0	N	N	0.8	N	
R4425	9	50.5	Belair Monte	68.7	70.0	69.2	0	42.8	0	62.6	0	0	62.6	70.1	70	N	0.1	N	N	0.9	N	
R4425	10	53.5	Belair Monte	68.5	69.8	69	0	42.9	0	62.5	0	0	62.6	69.9	70	N	0.1	N	N	0.9	N	
R4425	11	56.5	Belair Monte	68.4	69.7	68.9	0	43.1	0	62.5	0	0	62.5	69.8	70	N	0.1	N	N	0.9	N	
R4425	12	59.5	Belair Monte	68.2	69.5	68.7	0	43.3	0	62.4	0	0	62.4	69.7	70	N	0.2	N	N	1.0	N	
R4425	13	62.5	Belair Monte	68.1	69.4	68.6	0	43.4	0	62.3	0	0	62.3	69.5	70	N	0.1	N	N	0.9	N	
R4425	14	65.5	Belair Monte	67.9	69.2	68.4	0	43.6	0	62.2	0	0	62.2	69.3	70	N	0.1	N	N	0.9	N	
R4425	15	68.5	Belair Monte	67.8	69.0	68.3	0	43.9	0	62.1	0	0	62.1	69.2	70	N	0.2	N	N	0.9	N	
R4425	16	71.5	Belair Monte	67.6	68.9	68.1	0	44.1	0	62	0	0	62.1	69.1	70	N	0.2	N	N	1.0	N	
R4425	17	74.5	Belair Monte	67.5	68.7	68	0	44.4	0	61.9	0	0	62	69	70	N	0.3	N	N	1.0	N	
R4425	18	77.5	Belair Monte	67.3	68.6	67.8	0	44.7	0	61.8	0	0	61.9	68.8	70	N	0.2	N	N	1.0	N	
R4425	19	80.5	Belair Monte	67.2	68.4	67.7	0	45	0	61.7	0	0	61.8	68.7	70	N	0.3	N	N	1.0	N	
R4425	20	83.5	Belair Monte	67.1	68.3	67.6	0	45.4	0	61.6	0	0	61.7	68.6	70	N	0.3	N	N	1.0	N	
R4425	21	86.5	Belair Monte	66.9	68.1	67.4	0	45.9	0	61.6	0	0	61.7	68.5	70	N	0.4	N	N	1.1	Y	
R4425	22	89.5	Belair Monte	66.8	68.0	67.3	0	46.7	0	61.5	0	0	61.6	68.4	70	N	0.4	N	N	1.1	Y	
R4425	23	92.5	Belair Monte	66.7	67.9	67.2	0	47.6	0	61.4	0	0	61.6	68.2	70	N	0.3	N	N	1.0	N	
R4425	24	95.5	Belair Monte	66.6	67.8	67.1	0	48.6	0	61.4	0	0	61.6	68.2	70	N	0.4	N	N	1.1	Y	
R4425	25	98.5	Belair Monte	66.4	67.7	67	0	49.7	0	61.3	0	0	61.6	68.1	70	N	0.4	N	N	1.1	Y	
R4425	26	101.5	Belair Monte	66.3	67.5	66.8	0	50.7	0	61.3	0	0	61.7	68	70	N	0.5	N	N	1.2	Y	
R4425	27	104.5	Belair Monte	66.2	67.4	66.7	0	51.6	0	61.3	0	0	61.7	67.9	70	N	0.5	N	N	1.2	Y	
R4425	28	107.5	Belair Monte	66.1	67.3	66.6	0	52.4	0	61.2	0	0	61.8	67.8	70	N	0.5	N	N	1.2	Y	
R4425	29	110.5	Belair Monte	66.0	67.2	66.5	0	53	0	61.2	0	0	61.8	67.8	70	N	0.6	N	N	1.3	Y	
R4425	30	113.5	Belair Monte	65.9	67.1	66.4	0	53.6	0	61.1	0	0	61.8	67.7	70	N	0.6	N	N	1.3	Y	
R4426	1	26.5	Belair Monte	57.7	57.9	57	0	44.9	14.1	53.2	0	0	53.8	58.7	70	N	0.8	N	N	1.7	Y	
R4426	2	29.5	Belair Monte	60.8	61.2	59.9	0	48.5	14.1	57.6	0	0	58.1	62.1	70	N	0.9	N	N	2.2	Y	
R4426	3	32.5	Belair Monte	63.5	64.2	63.5	0	49.6	14	57.8	0	0	58.4	64.7	70	N	0.5	N	N	1.2	Y	
R4426	4	35.5	Belair Monte	65.3	66.4	65.6	0	49.8	14	57.7	0	0	58.4	66.3	70	N	-0.1	N	N	0.7	N	
R4426	5	38.5	Belair Monte	66.3	67.5	66.4	0	49.9	14	57.7	0	0	58.4	67.1	70	N	-0.4	N	N	0.7	N	
R4426	6	41.5	Belair Monte	66.8	68.2	66.8	0	50	13.9	57.7	0	0	58.3	67.3	70	N	-0.9	N	N	0.5	N	
R4426	7	44.5	Belair Monte	67.0	68.3	66.8	0	50	13.9	57.6	0	0	58.3	67.3	70	N	-1.0	N	N	0.5	N	
R4426	8	47.5	Belair Monte	66.9	68.3	66.7	0	50.1	13.8	57.6	0	0	58.3	67.3	70	N	-1.0	N	N	0.6	N	
R4426	9	50.5	Belair Monte	66.8	68.2	66.6	0	50.2	13.8	57.5	0	0	58.2	67.2	70	N	-1.0	N	N	0.6	N	
R4426	10	53.5	Belair Monte	66.8	68.1	66.4	0	50.3	13.7	57.5	0	0	58.2	67.1	70	N	-1.0	N	N	0.7	N	
R4426	11	56.5	Belair Monte	66.6	67.9	66.3	0	50.4	13.6	57.4	0	0	58.2	67	70	N	-0.9	N	N	0.7	N	
R4426	12	59.5	Belair Monte	6																		

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	NEW ROADS					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR										
R4431	16	75.0	Green Code		75.0	75.0	74.4	0	66.7	51.5	0	0	0	66.8	75.1	70	Y	0.1	N	N	0.7	N	N
R4431	17	78.0	Green Code		74.8	74.9	74.2	0	66.6	51.3	0	0	0	66.7	75	70	Y	0.1	N	N	0.8	N	N
R4431	18	81.0	Green Code		74.6	74.7	74.1	0	66.5	51.1	0	0	0	66.6	74.8	70	Y	0.1	N	N	0.7	N	N
R4431	19	84.0	Green Code		74.4	74.5	73.9	0	66.4	51	0	0	0	66.5	74.6	70	Y	0.1	N	N	0.7	N	N
R4431	20	87.0	Green Code		74.3	74.4	73.8	0	66.4	50.8	0	0	0	66.5	74.5	70	Y	0.1	N	N	0.7	N	N
R4431	21	90.0	Green Code		74.1	74.2	73.6	0	66.4	50.7	0	0	0	66.5	74.3	70	Y	0.1	N	N	0.7	N	N
R4431	22	93.0	Green Code		74.0	74.0	73.4	0	66.4	50.6	0	0	0	66.5	74.2	70	Y	0.2	N	N	0.8	N	N
R4431	23	96.0	Green Code		73.9	73.9	73.3	0	66.4	50.5	0	0	0	66.5	74.1	70	Y	0.2	N	N	0.8	N	N
R4431	24	99.0	Green Code		73.7	73.8	73.2	0	66.4	50.3	0	0	0	66.5	74	70	Y	0.2	N	N	0.8	N	N
R4431	25	102.0	Green Code		73.6	73.6	73	0	66.3	50.2	0	0	0	66.4	73.9	70	Y	0.3	N	N	0.9	N	N
R4431	26	90.0	Green Code		73.5	73.5	72.9	0	66.3	50	0	0	0	66.4	73.8	70	Y	0.3	N	N	0.9	N	N
R4431	27	93.0	Green Code		73.3	73.3	72.7	0	66.3	50	0	0	0	66.4	73.6	70	Y	0.3	N	N	0.9	N	N
R4431	28	96.0	Green Code		73.2	73.2	72.6	0	66.2	50.2	0	0	0	66.3	73.5	70	Y	0.3	N	N	0.9	N	N
R4431	29	99.0	Green Code		73.1	73.1	72.5	0	66.2	50	0	0	0	66.3	73.4	70	Y	0.3	N	N	0.9	N	N
R4431	30	102.0	Green Code		73.0	73.0	72.4	0	66.2	50.1	0	0	0	66.3	73.4	70	Y	0.4	N	N	1.0	N	N
R4432	1	30.0	Green Code		74.4	74.5	73.8	0	61	47	0	0	0	61.2	74	70	Y	-0.5	N	N	0.2	N	N
R4432	2	33.0	Green Code		77.0	77.1	76.8	0	62.8	47	0	0	0	62.9	76.9	70	Y	-0.2	N	N	0.1	N	N
R4432	3	36.0	Green Code		77.4	77.5	77.2	0	63.3	46.9	0	0	0	63.4	77.4	70	Y	-0.1	N	N	0.2	N	N
R4432	4	39.0	Green Code		77.3	77.3	77.1	0	63.4	46.9	0	0	0	63.5	77.2	70	Y	-0.1	N	N	0.1	N	N
R4432	5	42.0	Green Code		77.1	77.1	76.9	0	63.3	46.9	0	0	0	63.4	77.1	70	Y	0.0	N	N	0.2	N	N
R4432	6	45.0	Green Code		76.8	76.9	76.6	0	63.3	46.8	0	0	0	63.4	76.8	70	Y	-0.1	N	N	0.2	N	N
R4432	7	48.0	Green Code		76.6	76.6	76.3	0	63.2	46.8	0	0	0	63.3	76.5	70	Y	-0.1	N	N	0.2	N	N
R4432	8	51.0	Green Code		76.4	76.4	76.1	0	63	46.7	0	0	0	63.1	76.4	70	Y	0.0	N	N	0.3	N	N
R4432	9	54.0	Green Code		76.1	76.2	75.9	0	62.9	46.7	0	0	0	63	76.1	70	Y	-0.1	N	N	0.2	N	N
R4432	10	57.0	Green Code		75.9	76.0	75.7	0	62.8	46.6	0	0	0	62.9	75.9	70	Y	-0.1	N	N	0.2	N	N
R4432	11	60.0	Green Code		75.7	75.8	75.5	0	62.7	46.6	0	0	0	62.8	75.7	70	Y	-0.1	N	N	0.2	N	N
R4432	12	63.0	Green Code		75.5	75.6	75.3	0	62.6	46.5	0	0	0	62.7	75.5	70	Y	-0.1	N	N	0.2	N	N
R4432	13	66.0	Green Code		75.3	75.4	75.1	0	62.5	46.5	0	0	0	62.6	75.3	70	Y	-0.1	N	N	0.2	N	N
R4432	14	69.0	Green Code		75.2	75.2	74.9	0	62.4	46.4	0	0	0	62.5	75.2	70	Y	0.0	N	N	0.3	N	N
R4432	15	72.0	Green Code		75.0	75.0	74.7	0	62.3	46.4	0	0	0	62.4	75	70	Y	0.0	N	N	0.3	N	N
R4432	16	75.0	Green Code		74.8	74.9	74.5	0	62.3	46.3	0	0	0	62.4	74.8	70	Y	-0.1	N	N	0.3	N	N
R4432	17	78.0	Green Code		74.6	74.7	74.4	0	62.3	46.3	0	0	0	62.4	74.7	70	Y	0.0	N	N	0.3	N	N
R4432	18	81.0	Green Code		74.4	74.5	74.2	0	62.4	46.3	0	0	0	62.5	74.5	70	Y	0.0	N	N	0.3	N	N
R4432	19	84.0	Green Code		74.3	74.4	74.1	0	62.5	46.2	0	0	0	62.6	74.4	70	Y	0.0	N	N	0.3	N	N
R4432	20	87.0	Green Code		74.1	74.2	73.9	0	62.5	46.2	0	0	0	62.6	74.2	70	Y	0.0	N	N	0.3	N	N
R4432	21	90.0	Green Code		74.0	74.1	73.8	0	62.5	46.1	0	0	0	62.6	74.1	70	Y	0.0	N	N	0.3	N	N
R4432	22	93.0	Green Code		73.8	73.9	73.6	0	62.5	46.1	0	0	0	62.6	73.9	70	Y	0.0	N	N	0.3	N	N
R4432	23	96.0	Green Code		73.7	73.8	73.5	0	62.5	46.1	0	0	0	62.6	73.8	70	Y	0.0	N	N	0.3	N	N
R4432	24	99.0	Green Code		73.6	73.7	73.3	0	62.6	46.1	0	0	0	62.7	73.7	70	Y	0.0	N	N	0.4	N	N
R4432	25	102.0	Green Code		73.5	73.5	73.2	0	62.7	46.1	0	0	0	62.8	73.6	70	Y	0.1	N	N	0.4	N	N
R4432	26	90.0	Green Code		73.3	73.4	73	0	62.8	46.2	0	0	0	62.9	73.4	70	Y	0.0	N	N	0.4	N	N
R4432	27	93.0	Green Code		73.2	73.3	72.9	0	62.8	46.4	0	0	0	62.9	73.4	70	Y	0.1	N	N	0.5	N	N
R4432	28	96.0	Green Code		73.1	73.2	72.8	0	62.8	46.8	0	0	0	62.9	73.3	70	Y	0.1	N	N	0.5	N	N
R4432	29	99.0	Green Code		73.0	73.1	72.7	0	62.8	47	0	0	0	62.9	73.2	70	Y	0.1	N	N	0.5	N	N
R4432	30	102.0	Green Code		72.9	73.0	72.6	0	62.8	47.1	0	0	0	62.9									

Assessment Point			Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R4581	3	16.7	Ma Wat Tsuen	54.2	54.2	0	0	62	52	0	0	0	62.4	62.4	70	N	8.2	Y	N	62.4	Y	N
R4582	1	10.7	Ma Wat Tsuen	50.7	50.8	15.4	0	60.7	50.7	0	0	0	61.1	61.1	70	N	10.3	Y	N	45.7	Y	N
R4582	2	13.7	Ma Wat Tsuen	53.8	54.2	15.4	0	62.7	51.4	0	0	0	63	63	70	N	8.8	Y	N	47.6	Y	N
R4582	3	16.7	Ma Wat Tsuen	54.8	55.2	15.4	0	63.5	51.9	0	0	0	63.8	63.8	70	N	8.6	Y	N	48.4	Y	N
R4583	1	10.7	Ma Wat Tsuen	48.7	49.0	16.7	0	56.4	42.4	0	0	0	56.6	56.6	70	N	7.6	Y	N	39.9	Y	N
R4583	2	13.7	Ma Wat Tsuen	50.2	50.4	16.7	0	57.7	44.9	0	0	0	58	58	70	N	7.6	Y	N	41.3	Y	N
R4583	3	16.7	Ma Wat Tsuen	51.5	51.7	16.7	0	58.8	47.5	0	0	0	59.1	59.1	70	N	7.4	Y	N	42.4	Y	N
R4584	1	10.7	Ma Wat Tsuen	41.9	42.2	16.6	0	56.7	46.7	0	0	0	57.2	57.2	70	N	15.0	Y	N	40.6	Y	N
R4584	2	13.7	Ma Wat Tsuen	43.9	44.1	16.6	0	57.6	47.6	0	0	0	58	58	70	N	13.9	Y	N	41.4	Y	N
R4584	3	16.7	Ma Wat Tsuen	45.9	46.2	16.6	0	58.1	48.5	0	0	0	58.5	58.5	70	N	12.3	Y	N	41.9	Y	N
R4601	1	14.0	Scattered Village Houses at Ma Wat Wai	50.5	50.6	16.1	0	60.3	50.7	0	0	0	60.8	60.8	70	N	10.2	Y	N	44.7	Y	N
R4601	2	17.0	Scattered Village Houses at Ma Wat Wai	50.8	50.8	16.2	0	61.1	50.7	0	0	0	61.5	61.5	70	N	10.7	Y	N	45.3	Y	N
R4601	3	20.0	Scattered Village Houses at Ma Wat Wai	51.0	51.0	16.4	0	61.3	50.7	0	0	0	61.7	61.7	70	N	10.7	Y	N	45.3	Y	N
R4602	1	14.0	Scattered Village Houses at Ma Wat Wai	54.0	54.2	12.6	0	63.3	52.1	0	0	0	63.6	63.6	70	N	9.4	Y	N	51.0	Y	N
R4602	2	17.0	Scattered Village Houses at Ma Wat Wai	54.3	54.5	12.6	0	63.8	52.1	0	0	0	64.1	64.1	70	N	9.6	Y	N	51.5	Y	N
R4602	3	20.0	Scattered Village Houses at Ma Wat Wai	54.4	54.6	12.6	0	64.4	52.2	0	0	0	64.7	64.7	70	N	10.1	Y	N	52.1	Y	N
R4603	1	14.0	Scattered Village Houses at Ma Wat Wai	52.5	52.5	34.2	0	63.5	52.8	0	0	0	63.8	63.8	70	N	11.3	Y	N	29.6	Y	N
R4603	2	17.0	Scattered Village Houses at Ma Wat Wai	52.8	52.8	34.2	0	64	52.8	0	0	0	64.3	64.3	70	N	11.5	Y	N	30.1	Y	N
R4603	3	20.0	Scattered Village Houses at Ma Wat Wai	53.0	53.0	34.2	0	64.5	52.8	0	0	0	64.8	64.8	70	N	11.8	Y	N	30.6	Y	N
R4604	1	14.0	Scattered Village Houses at Ma Wat Wai	53.8	54.1	12.5	0	61.6	51.6	0	0	0	62	62	70	N	7.9	Y	N	49.5	Y	N
R4604	2	17.0	Scattered Village Houses at Ma Wat Wai	54.1	54.4	12.5	0	61.9	51.7	0	0	0	62.3	62.3	70	N	7.9	Y	N	49.8	Y	N
R4604	3	20.0	Scattered Village Houses at Ma Wat Wai	54.3	54.5	12.5	0	62.4	51.7	0	0	0	62.7	62.7	70	N	8.2	Y	N	50.2	Y	N
R4625	1	11.3	Tsung Kyam Kindergarten and Tsung Kyam Church	52.8	53.5	52.3	0	58.5	42.1	0	0	0	58.6	59.5	65	N	6.0	Y	N	7.2	Y	N
R4625	2	14.3	Tsung Kyam Kindergarten and Tsung Kyam Church	52.8	53.5	52.3	0	59.3	42.1	0	0	0	59.3	60.1	65	N	6.6	Y	N	7.8	Y	N
R4626	1	11.3	Tsung Kyam Kindergarten and Tsung Kyam Church	53.8	54.4	51.9	0	59.7	49.4	0	0	0	60.1	60.7	65	N	6.3	Y	N	8.8	Y	N
R4626	2	14.3	Tsung Kyam Kindergarten and Tsung Kyam Church	53.9	54.5	51.9	0	60.5	49.4	0	0	0	60.8	61.3	65	N	6.8	Y	N	9.4	Y	N
R4627	1	11.6	Tsung Kyam Kindergarten and Tsung Kyam Church	50.2	51.1	49.7	0	58.4	0	0	0	0	58.4	59	65	N	7.9	Y	N	9.3	Y	N
R4627	2	14.6	Tsung Kyam Kindergarten and Tsung Kyam Church	50.2	51.1	49.7	0	59	0	0	0	0	59	59.5	65	N	8.4	Y	N	9.8	Y	N
R4628	1	11.6	Tsung Kyam Kindergarten and Tsung Kyam Church	52.3	52.8	49.5	0	59.8	45.4	0	0	0	59.9	60.3	65	N	7.5	Y	N	10.8	Y	N
R4628	2	14.6	Tsung Kyam Kindergarten and Tsung Kyam Church	52.3	53.0	49.5	0	60.4	45.5	0	0	0	60.5	60.9	65	N	7.9	Y	N	11.4	Y	N
R4641	1	28.4	Shung Him Tong Tsuen	59.5	59.8	58.2	0	69.6	46.7	0	0	0	69.6	69.9	70	N	10.1	Y	N	11.7	Y	N
R4641	2	31.4	Shung Him Tong Tsuen	59.5	59.8	58.2	0	70.7	46.7	0	0	0	70.7	71	70	Y	11.2	Y	Y	12.8	Y	Y
R4641	3	34.4	Shung Him Tong Tsuen	59.5	59.8	58.2	0	71.3	46.7	0	0	0	71.4	71.6	70	Y	11.8	Y	Y	13.4	Y	Y
R4642	1	28.4	Shung Him Tong Tsuen	64.1	64.0	62.7	0	66.2	0	0	0	0	66.2	67.8	70	N	3.8	Y	N	5.1	Y	N
R4642	2	31.4	Shung Him Tong Tsuen	64.3	64.2	62.7	0	67.5	0	0	0	0	67.5	68.8	70	N	4.6	Y	N	6.1	Y	N
R4642	3	34.4	Shung Him Tong Tsuen	64.3	64.3	62.8	0	68.6	0	0	0	0	68.6	69.6	70	N	5.3	Y	N	6.8	Y	N
R4643	1	28.4	Shung Him Tong Tsuen	53.5	53.4	52	0	61	42.4	0	0	0	61	61.5	70	N	8.1	Y	N	9.5	Y	N
R4643	2	31.4	Shung Him Tong Tsuen	54.7	54.7	52.6	0	61.9	42.4	0	0	0	62	62.4	70	N	7.7	Y	N	9.8	Y	N
R4643	3	34.4	Shung Him Tong Tsuen	55.6	55.5	53.1	0	63	42.4	0	0	0	63.1	63.5	70	N	8.0	Y	N	10.4	Y	N
R4651	1	11.2	Shung Him Tong Tsuen	62.0	62.2	61	0	54.2	46.1	10.2	0	0	54.8	62	70	N	-0.2	N	N	1.0	N	N
R4651	2	14.2	Shung Him Tong Tsuen	62.0	62.2	61	0	55.6	46.1	10.2	0	0	56	62.2	70	N	0.0	N	N	1.2	Y	N
R4651	3	17.2	Shung Him Tong Tsuen	62.0	62.2	61	0	57.2	46.1	10.2	0	0	57.5	62.6	70	N	0.4	N	N	1.6	Y	N
R4651	4	20.2	Shung Him Tong Tsuen	62.0	62.2	61	0	59	46.1	10.2	0	0	59.2	63.2	70	N	1.0	N	N	2.2	Y	N
R4652	1	11.2	Shung Him Tong Tsuen	45.2	45.2	0	0	59	45.9	0	0	0	59.2	59.2	70	N	14.0	Y	N	59.2	Y	N
R4652	2	14.2	Shung Him																			

Assessment Point			Locations	WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		NEW ROADS					NEW ROADS		OVERALL NOISE LEVEL	Noise Criteria	Exceedance	Check Project Impact	Significance	B > Criteria	Check Direct Mitigation		Mitigation Measures
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2038	at 2038	at 2038	PD	DD	OTHER	EX	TR	at 2038	at 2038											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]								dB(A) [B]	dB(A) [C]	dB(A)	C - Criteria (Y/N)	C - A dB(A) [D]	> 1dB(A)		New Roads Contribution	E > 1dB(A)	Required <sup>[2,3]</sup> (Y/N)	
R4722	18	73.3	Dawning Views	76.0	76.1	71.3	73.3	58.9	57.4	0	65.1	0		66.6	76	70	Y	-0.1	N	N	0.6	N	N		
R4722	19	76.3	Dawning Views	76.0	76.1	71.3	73.3	59.1	57.4	0	65.1	0		66.6	76	70	Y	-0.1	N	N	0.6	N	N		
R4722	20	79.3	Dawning Views	76.0	76.1	71.3	73.3	59.2	57.4	0	65.1	0		66.6	75.9	70	Y	-0.2	N	N	0.5	N	N		
R4722	21	82.3	Dawning Views	76.0	76.1	71.3	73.2	59.4	57.3	0	65	0		66.6	75.9	70	Y	-0.2	N	N	0.5	N	N		
R4722	22	85.3	Dawning Views	76.0	76.1	71.4	73.2	59.6	57.3	0	65	0		66.6	75.9	70	Y	-0.2	N	N	0.5	N	N		
R4722	23	88.3	Dawning Views	76.0	76.1	71.4	73.2	59.7	57.3	0	65	0		66.6	76	70	Y	-0.1	N	N	0.6	N	N		
R4722	24	91.3	Dawning Views	76.0	76.1	71.4	73.2	59.8	57.2	0	64.9	0		66.6	76	70	Y	-0.1	N	N	0.6	N	N		
R4722	25	94.3	Dawning Views	76.0	76.1	71.4	73.3	59.9	57.2	0	64.8	0		66.6	76	70	Y	-0.1	N	N	0.5	N	N		
R4722	26	97.3	Dawning Views	76.0	76.1	71.4	73.3	60	57.2	0	64.8	0		66.6	76	70	Y	-0.1	N	N	0.5	N	N		
R4722	27	100.3	Dawning Views	76.0	76.1	71.5	73.3	60.1	57.2	0	64.8	0		66.6	76	70	Y	-0.1	N	N	0.5	N	N		
R4722	28	103.3	Dawning Views	76.0	76.1	71.5	73.3	60.2	57.1	0	64.7	0		66.5	76	70	Y	-0.1	N	N	0.5	N	N		
R4722	29	106.3	Dawning Views	76.0	76.1	71.5	73.4	60.3	57.1	0	64.6	0		66.5	76	70	Y	-0.1	N	N	0.4	N	N		
R4741	1	15.3	Wo Hop Shek San Tsuen, Regalia Villa	69.8	69.8	68.6	63.1	41.6	41	0	49.2	0		50.4	69.7	70	N	-0.1	N	N	0.0	N	N		
R4741	2	18.3	Wo Hop Shek San Tsuen, Regalia Villa	69.9	70.0	68.6	63.3	44.3	43.3	0	51.5	0		52.8	69.8	70	N	-0.2	N	N	0.1	N	N		
R4741	3	21.3	Wo Hop Shek San Tsuen, Regalia Villa	70.1	70.2	68.8	63.6	47.7	45.8	0	54.3	0		55.6	70.1	70	N	-0.1	N	N	0.2	N	N		
R4742	1	15.3	Wo Hop Shek San Tsuen, Regalia Villa	61.0	61.2	56.5	56	46.5	54.8	0	54	0		57.8	61.6	70	N	0.4	N	N	2.3	Y	N		
R4742	2	18.3	Wo Hop Shek San Tsuen, Regalia Villa	62.3	62.5	57.5	57.8	48.7	55.2	0	56.1	0		59.1	63	70	N	0.5	N	N	2.3	Y	N		
R4742	3	21.3	Wo Hop Shek San Tsuen, Regalia Villa	64.0	64.3	59.2	59.7	50.9	55.8	0	58.5	0		60.8	64.7	70	N	0.4	N	N	2.2	Y	N		
R4743	1	15.3	Wo Hop Shek San Tsuen, Regalia Villa	55.3	57.1	44.2	47.7	31.9	45	0	56	0		56.3	57.1	70	N	0.0	N	N	7.8	Y	N		
R4743	2	18.3	Wo Hop Shek San Tsuen, Regalia Villa	56.2	57.9	44.3	49.4	33.8	45.6	0	56.7	0		57.1	58	70	N	0.1	N	N	7.4	Y	N		
R4743	3	21.3	Wo Hop Shek San Tsuen, Regalia Villa	57.0	58.6	44.5	51.1	36.2	46.4	0	57.2	0		57.6	58.7	70	N	0.1	N	N	6.7	Y	N		
R4747	1	16.1	Wo Hop Shek San Tsuen, Regalia Villa	76.3	76.4	75.3	66	51.2	62.5	0	65.4	0		67.3	76.4	70	Y	0.0	N	N	0.6	N	N		
R4747	2	19.1	Wo Hop Shek San Tsuen, Regalia Villa	76.3	76.4	75.2	66.2	51.9	62.5	0	65.6	0		67.5	76.4	70	Y	0.0	N	N	0.7	N	N		
R4747	3	22.1	Wo Hop Shek San Tsuen, Regalia Villa	76.2	76.3	75.1	66.4	52.6	62.4	0	65.6	0		67.4	76.3	70	Y	0.0	N	N	0.7	N	N		
R4748	1	16.1	Wo Hop Shek San Tsuen, Regalia Villa	76.7	76.8	75	67.4	53	66.6	0	67.8	0		70.3	76.8	70	Y	0.0	N	N	1.1	Y	Y		
R4748	2	19.1	Wo Hop Shek San Tsuen, Regalia Villa	76.7	76.9	75	67.6	53.8	66.5	0	68	0		70.4	76.9	70	Y	0.0	N	N	1.2	Y	Y		
R4748	3	22.1	Wo Hop Shek San Tsuen, Regalia Villa	76.7	76.8	74.9	67.9	54.6	66.4	0	68	0		70.4	76.8	70	Y	0.0	N	N	1.1	Y	Y		
R4749	1	16.1	Wo Hop Shek San Tsuen, Regalia Villa	74.1	74.3	70.4	67.6	53.6	66.9	0	67.7	0		70.5	74.4	70	Y	0.1	N	Y	2.2	Y	Y		
R4749	2	19.1	Wo Hop Shek San Tsuen, Regalia Villa	74.3	74.5	70.3	68	56	67	0	68.3	0		70.8	74.7	70	Y	0.2	N	Y	2.4	Y	Y		
R4749	3	22.1	Wo Hop Shek San Tsuen, Regalia Villa	74.4	74.7	70.3	68.3	57	67.2	0	68.8	0		71.2	74.9	70	Y	0.2	N	Y	2.5	Y	Y		
R4761	1	31.0	Scattered Village Houses along MTRC and Fanling Highway	66.1	71.2	53.8	69	55.1	48	0	66.7	0		67.1	71.2	70	Y	0.0	N	N	2.1	Y	Y		
R4761	2	34.0	Scattered Village Houses along MTRC and Fanling Highway	70.5	76.3	55.8	74.8	58.6	55.7	0	70.3	0		70.7	76.3	70	Y	0.0	N	Y	1.4	Y	Y		
R4763	1	21.3	Scattered Village Houses along MTRC and Fanling Highway	73.1	74.0	54.7	66.9	59.3	56.2	0	72.2	0		72.6	73.7	70	Y	-0.3	N	Y	6.5	Y	Y		
R4763	2	24.3	Scattered Village Houses along MTRC and Fanling Highway	73.4	74.4	55.1	67.2	60	57.3	0	72.6	0		73	74.1	70	Y	-0.3	N	Y	6.6	Y	Y		
R4781	1	19.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	68.9	69.3	55.9	61.9	55.9	61.3	0	67.7	0		68.8	69.8	70	N	0.5	N	N	6.9	Y	N		
R4781	2	22.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	70.1	70.6	56	62.8	56.8	61.4	0	69.3	0		70.1	71	70	Y	0.4	N	N	7.4	Y	Y		
R4783	1	24.3	Scattered Village Houses East of Wo Hop Shek San Tsuen	75.5	76.2	46.8	68.3	59.7	62	0	75.3	0		75.6	76.4	70	Y	0.2	N	Y	8.1	Y	Y		
R4783	2	27.3	Scattered Village Houses East of Wo Hop Shek San Tsuen	77.4	78.4	47.9	69.5	60.4	63.5	0	77.6	0		77.8	78.4	70	Y	0.0	N	Y	8.9	Y	Y		
R4784	1	22.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	73.5	74.5	50.7	66.9	59	61.2	0	73.3	0		73.7	74.6	70	Y	0.1	N	Y	7.6	Y	Y		
R4784	2	25.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	77.0	78.4	51	69	59.8	62.9	0	77.7	0		77.9	78.4	70	Y	0.0	N	Y	9.3	Y	Y		
R4785	1	22.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	72.6	74.1	32.6	61.4	59	59.8	0	73.5	0		73.8	74.1	70	Y	0.0	N	Y	12.7	Y	Y		
R4785	2																								

Assessment Point				Locations		WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS		OVERALL NOISE LEVEL		Noise Criteria	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
						OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]	at 2038 dB(A)	at 2038 dB(A) <sup>[1]</sup>	PD	DD	OTHER dB(A)	EX	TR	at 2038 dB(A) [B]	at 2038 dB(A) [C]												
R5301	13	45.9	D2-2			-	-	45.1	0	0	6.1	71.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	-	-	Y		
R5301	14	48.6	D2-2			-	-	45.3	0	0	6.1	70.9	0	0	70.9	70.9	70	Y	-	-	-	-	-	-	-	Y		
R5301	15	51.3	D2-2			-	-	45.4	0	0	6.1	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	-	-	Y		
R5301	16	54.0	D2-2			-	-	45.5	0	0	6.1	70.6	0	0	70.6	70.7	70	Y	-	-	-	-	-	-	-	Y		
R5301	17	56.7	D2-2			-	-	45.7	0	0	6.1	70.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	-	-	Y		
R5301	18	59.4	D2-2			-	-	45.8	0	0	6	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	-	-	N		
R5301	19	62.1	D2-2			-	-	46	0	0	6	70.2	0	0	70.2	70.3	70	N	-	-	-	-	-	-	-	N		
R5301	20	64.8	D2-2			-	-	46	0	0	6	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	-	-	N		
R5302	1	13.5	D2-2			-	-	31.9	0	0	5.1	72.5	0	0	72.5	72.5	70	Y	-	-	-	-	-	-	-	Y		
R5302	2	16.2	D2-2			-	-	31.9	0	0	5.1	72.4	0	0	72.4	72.4	70	Y	-	-	-	-	-	-	-	Y		
R5302	3	18.9	D2-2			-	-	32	0	0	5.1	72.3	0	0	72.3	72.3	70	Y	-	-	-	-	-	-	-	Y		
R5302	4	21.6	D2-2			-	-	32	0	0	5.1	72.3	0	0	72.3	72.3	70	Y	-	-	-	-	-	-	-	Y		
R5302	5	24.3	D2-2			-	-	32	0	0	5.1	72.2	0	0	72.2	72.2	70	Y	-	-	-	-	-	-	-	Y		
R5302	6	27.0	D2-2			-	-	32	0	0	5.1	72.1	0	0	72.1	72.1	70	Y	-	-	-	-	-	-	-	Y		
R5302	7	29.7	D2-2			-	-	32	0	0	5.1	71.9	0	0	71.9	71.9	70	Y	-	-	-	-	-	-	-	Y		
R5302	8	32.4	D2-2			-	-	32.1	0	0	5.1	71.8	0	0	71.8	71.8	70	Y	-	-	-	-	-	-	-	Y		
R5302	9	35.1	D2-2			-	-	32.1	0	0	5.1	71.7	0	0	71.7	71.7	70	Y	-	-	-	-	-	-	-	Y		
R5302	10	37.8	D2-2			-	-	32.1	0	0	5.1	71.5	0	0	71.5	71.5	70	Y	-	-	-	-	-	-	-	Y		
R5302	11	40.5	D2-2			-	-	32.1	0	0	5.1	71.3	0	0	71.3	71.4	70	Y	-	-	-	-	-	-	-	Y		
R5302	12	43.2	D2-2			-	-	32.2	0	0	5.1	71.2	0	0	71.2	71.2	70	Y	-	-	-	-	-	-	-	Y		
R5302	13	45.9	D2-2			-	-	32.2	0	0	5.1	71.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	-	-	Y		
R5302	14	48.6	D2-2			-	-	32.3	0	0	5.1	70.9	0	0	70.9	70.9	70	Y	-	-	-	-	-	-	-	Y		
R5302	15	51.3	D2-2			-	-	32.4	0	0	5	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	-	-	Y		
R5302	16	54.0	D2-2			-	-	32.5	0	0	5	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	-	-	Y		
R5302	17	56.7	D2-2			-	-	32.5	0	0	5	70.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	-	-	Y		
R5302	18	59.4	D2-2			-	-	32.6	0	0	5	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	-	-	N		
R5302	19	62.1	D2-2			-	-	32.8	0	0	5	70.2	0	0	70.2	70.2	70	N	-	-	-	-	-	-	-	N		
R5302	20	64.8	D2-2			-	-	33	0	0	5	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	-	-	N		
R5303	1	13.5	D2-2			-	-	59.7	0	0	4.3	72.9	0	0	72.9	73.1	70	Y	-	-	-	-	-	-	-	Y		
R5303	2	16.2	D2-2			-	-	59.8	0	0	4.3	72.9	0	0	72.9	73.1	70	Y	-	-	-	-	-	-	-	Y		
R5303	3	18.9	D2-2			-	-	59.7	0	0	4.3	72.8	0	0	72.8	73	70	Y	-	-	-	-	-	-	-	Y		
R5303	4	21.6	D2-2			-	-	59.7	0	0	4.3	72.7	0	0	72.7	72.9	70	Y	-	-	-	-	-	-	-	Y		
R5303	5	24.3	D2-2			-	-	59.7	0	0	4.2	72.6	0	0	72.6	72.8	70	Y	-	-	-	-	-	-	-	Y		
R5303	6	27.0	D2-2			-	-	59.7	0	0	4.2	72.5	0	0	72.5	72.7	70	Y	-	-	-	-	-	-	-	Y		
R5303	7	29.7	D2-2			-	-	59.7	0	0	4.2	72.3	0	0	72.3	72.6	70	Y	-	-	-	-	-	-	-	Y		
R5303	8	32.4	D2-2			-	-	59.6	0	0	4.2	72.2	0	0	72.2	72.4	70	Y	-	-	-	-	-	-	-	Y		
R5303	9	35.1	D2-2			-	-	59.6	0	0	4.2	72.1	0	0	72.1	72.3	70	Y	-	-	-	-	-	-	-	Y		
R5303	10	37.8	D2-2			-	-	59.5	0	0	4.2	71.9	0	0	71.9	72.1	70	Y	-	-	-	-	-	-	-	Y		
R5303	11	40.5	D2-2			-	-	59.4	0	0	4.2	71.8	0	0	71.8	72	70	Y	-	-	-	-	-	-	-	Y		
R5303	12	43.2	D2-2			-	-	59.4	0	0	4.2	71.6	0	0	71.6	71.9	70	Y	-	-	-	-	-	-	-	Y		
R5303	13	45.9	D2-2			-	-	59.3	0	0	4.2	71.5	0	0	71.5	71.7	70	Y	-	-	-	-	-	-	-	Y		
R5303	14	48.6	D2-2			-	-	59.3	0	0	4.2	71.3	0	0	71.3	71.6	70	Y	-	-	-	-	-	-	-	Y		
R5303	15	51.3	D2-2			-	-	59.2	0	0	4.2	71.2	0	0	71.2	71.4	70	Y	-	-	-	-	-	-	-	Y		
R5303	16	54.0	D2-2			-	-	59.2	0	0	4.2	71	0	0	71	71.3	70	Y	-	-	-	-	-	-	-	Y		
R5303	17	56.7	D2-2			-	-	59.1	0	0	4.2	70.9	0	0	70.9	71.2	70	Y	-	-								

Assessment Point				Locations		WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS		OVERALL NOISE LEVEL		Noise Criteria	Exceedance C > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation		Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
						OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]	at 2038 dB(A)	at 2038 dB(A) <sup>[1]</sup>	PD	DD	OTHER dB(A)	EX	TR	at 2038 dB(A) [B]	at 2038 dB(A) [C]	C - A dB(A) [D]	D > 1dB(A)	B > Criteria	New Roads Contribution dB(A) [E]			E > 1dB(A)				
R5321	3	19.5	D2-4	-	-	0	0	63.3	56.8	60.2	0	0	65.6	65.6	70	N	-	-	-	-	-	-	-	-	N		
R5321	4	22.5	D2-4	-	-	0	0	64	56.8	60.2	0	0	66	66	70	N	-	-	-	-	-	-	-	-	N		
R5321	5	25.5	D2-4	-	-	0	0	64.6	56.8	60.2	0	0	66.5	66.5	70	N	-	-	-	-	-	-	-	-	N		
R5321	6	28.5	D2-4	-	-	0	0	65.2	56.8	60.1	0	0	66.8	66.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	7	31.5	D2-4	-	-	0	0	65.5	56.8	60.1	0	0	67	67	70	N	-	-	-	-	-	-	-	-	N		
R5321	8	34.5	D2-4	-	-	0	0	65.8	56.8	60.1	0	0	67.3	67.3	70	N	-	-	-	-	-	-	-	-	N		
R5321	9	37.5	D2-4	-	-	0	0	66.1	56.7	60.1	0	0	67.4	67.4	70	N	-	-	-	-	-	-	-	-	N		
R5321	10	40.5	D2-4	-	-	0	0	66.2	56.7	60.1	0	0	67.5	67.5	70	N	-	-	-	-	-	-	-	-	N		
R5321	11	43.5	D2-4	-	-	0	0	66.4	56.7	60.1	0	0	67.6	67.6	70	N	-	-	-	-	-	-	-	-	N		
R5321	12	46.5	D2-4	-	-	0	0	66.5	56.6	60	0	0	67.7	67.7	70	N	-	-	-	-	-	-	-	-	N		
R5321	13	49.5	D2-4	-	-	0	0	66.6	56.6	60	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	14	52.5	D2-4	-	-	0	0	66.6	56.6	60	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	15	55.5	D2-4	-	-	0	0	66.6	56.5	59.9	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	16	58.5	D2-4	-	-	0	0	66.7	56.5	59.9	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	17	61.5	D2-4	-	-	0	0	66.7	56.5	59.8	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	18	64.5	D2-4	-	-	0	0	66.7	56.5	59.7	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	19	67.5	D2-4	-	-	0	0	66.7	56.4	59.7	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5321	20	70.5	D2-4	-	-	0	0	66.6	56.4	59.6	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5322	1	13.5	D2-4	-	-	0	0	62.5	52.8	60.4	0	0	64.9	64.9	70	N	-	-	-	-	-	-	-	-	N		
R5322	2	16.5	D2-4	-	-	0	0	63.2	52.8	60.4	0	0	65.3	65.3	70	N	-	-	-	-	-	-	-	-	N		
R5322	3	19.5	D2-4	-	-	0	0	64	52.8	60.3	0	0	65.8	65.8	70	N	-	-	-	-	-	-	-	-	N		
R5322	4	22.5	D2-4	-	-	0	0	64.8	52.9	60.3	0	0	66.3	66.3	70	N	-	-	-	-	-	-	-	-	N		
R5322	5	25.5	D2-4	-	-	0	0	65.4	52.9	60.3	0	0	66.8	66.8	70	N	-	-	-	-	-	-	-	-	N		
R5322	6	28.5	D2-4	-	-	0	0	66	52.9	60.3	0	0	67.2	67.2	70	N	-	-	-	-	-	-	-	-	N		
R5322	7	31.5	D2-4	-	-	0	0	66.5	52.9	60.3	0	0	67.6	67.6	70	N	-	-	-	-	-	-	-	-	N		
R5322	8	34.5	D2-4	-	-	0	0	66.8	52.9	60.2	0	0	67.8	67.8	70	N	-	-	-	-	-	-	-	-	N		
R5322	9	37.5	D2-4	-	-	0	0	67.1	52.9	60.2	0	0	68	68	70	N	-	-	-	-	-	-	-	-	N		
R5322	10	40.5	D2-4	-	-	0	0	67.3	52.9	60.1	0	0	68.1	68.1	70	N	-	-	-	-	-	-	-	-	N		
R5322	11	43.5	D2-4	-	-	0	0	67.4	52.9	60.1	0	0	68.3	68.3	70	N	-	-	-	-	-	-	-	-	N		
R5322	12	46.5	D2-4	-	-	0	0	67.5	52.9	60	0	0	68.4	68.4	70	N	-	-	-	-	-	-	-	-	N		
R5322	13	49.5	D2-4	-	-	0	0	67.6	52.9	60	0	0	68.4	68.4	70	N	-	-	-	-	-	-	-	-	N		
R5322	14	52.5	D2-4	-	-	0	0	67.7	52.8	59.9	0	0	68.5	68.5	70	N	-	-	-	-	-	-	-	-	N		
R5322	15	55.5	D2-4	-	-	0	0	67.7	52.8	59.8	0	0	68.5	68.5	70	N	-	-	-	-	-	-	-	-	N		
R5322	16	58.5	D2-4	-	-	0	0	67.7	52.8	59.8	0	0	68.5	68.5	70	N	-	-	-	-	-	-	-	-	N		
R5322	17	61.5	D2-4	-	-	0	0	67.7	52.8	59.7	0	0	68.5	68.5	70	N	-	-	-	-	-	-	-	-	N		
R5322	18	64.5	D2-4	-	-	0	0	67.7	52.8	59.7	0	0	68.5	68.5	70	N	-	-	-	-	-	-	-	-	N		
R5322	19	67.5	D2-4	-	-	0	0	67.7	52.8	59.6	0	0	68.5	68.5	70	N	-	-	-	-	-	-	-	-	N		
R5322	20	70.5	D2-4	-	-	0	0	67.7	52.8	59.6	0	0	68.4	68.4	70	N	-	-	-	-	-	-	-	-	N		
R5323	1	13.5	D2-4	-	-	30.3	0	22.9	0	73.2	0	0	73.2	73.2	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	2	16.5	D2-4	-	-	33.5	0	23	0	73	0	0	73	73	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	3	19.5	D2-4	-	-	37.1	0	23.2	0	72.8	0	0	72.8	72.8	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	4	22.5	D2-4	-	-	40.4	0	23.5	0	72.5	0	0	72.5	72.5	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	5	25.5	D2-4	-	-	42	0	23.7	0	72.2	0	0	72.2	72.2	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	6	28.5	D2-4	-	-	43.6	0	24.1	0	71.9	0	0	71.9	71.9	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	7	31.5	D2-4	-	-	45.3	0	24.5	0	71.5	0	0	71.5	71.6	70	Y	-	-	-	-	-	-	-	-	Y		
R5323	8	34.5	D2-4	-	-	46	0	24.9	0	71.3	0	0	71.3	71.3	70	Y											

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			NEW ROADS PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5326	13	49.5	D2-4		-	-	47.3	0	9.9	0	70.5	0	0	70.5	70	Y	-	-	-	-	-	Y	
R5326	14	52.5	D2-4		-	-	47.3	0	9.9	0	70.3	0	0	70.3	70	N	-	-	-	-	-	N	
R5326	15	55.5	D2-4		-	-	47.2	0	9.8	0	70.1	0	0	70.1	70	N	-	-	-	-	-	N	
R5326	16	58.5	D2-4		-	-	47.2	0	9.9	0	69.9	0	0	69.9	70	N	-	-	-	-	-	N	
R5326	17	61.5	D2-4		-	-	47.2	0	9.9	0	69.8	0	0	69.8	70	N	-	-	-	-	-	N	
R5326	18	64.5	D2-4		-	-	47.1	0	9.8	0	69.6	0	0	69.6	70	N	-	-	-	-	-	N	
R5326	19	67.5	D2-4		-	-	47.1	0	9.8	0	69.4	0	0	69.4	70	N	-	-	-	-	-	N	
R5326	20	70.5	D2-4		-	-	47.1	0	9.8	0	69.2	0	0	69.2	70	N	-	-	-	-	-	N	
R5341	1	13.0	D2-6		-	-	0	0	61.6	48	58.4	0	0	63.4	70	N	-	-	-	-	-	N	
R5341	2	15.7	D2-6		-	-	0	0	62.6	48	58.4	0	0	64.1	70	N	-	-	-	-	-	N	
R5341	3	18.4	D2-6		-	-	0	0	63.1	48.1	58.4	0	0	64.5	70	N	-	-	-	-	-	N	
R5341	4	21.1	D2-6		-	-	0	0	63.9	48.2	58.4	0	0	65.1	70	N	-	-	-	-	-	N	
R5341	5	23.8	D2-6		-	-	0	0	64.5	48.2	58.4	0	0	65.6	70	N	-	-	-	-	-	N	
R5341	6	26.5	D2-6		-	-	0	0	65.1	48.3	58.4	0	0	66.1	70	N	-	-	-	-	-	N	
R5341	7	29.2	D2-6		-	-	0	0	65.7	48.3	58.4	0	0	66.5	70	N	-	-	-	-	-	N	
R5341	8	31.9	D2-6		-	-	0	0	66.1	48.4	58.4	0	0	66.9	70	N	-	-	-	-	-	N	
R5341	9	34.6	D2-6		-	-	0	0	66.5	48.4	58.3	0	0	67.2	70	N	-	-	-	-	-	N	
R5341	10	37.3	D2-6		-	-	0	0	66.8	48.4	58.3	0	0	67.4	70	N	-	-	-	-	-	N	
R5341	11	40.0	D2-6		-	-	0	0	67	48.4	58.3	0	0	67.6	70	N	-	-	-	-	-	N	
R5341	12	42.7	D2-6		-	-	0	0	67.2	48.4	58.2	0	0	67.8	70	N	-	-	-	-	-	N	
R5341	13	45.4	D2-6		-	-	0	0	67.3	48.4	58.2	0	0	67.9	70	N	-	-	-	-	-	N	
R5341	14	48.1	D2-6		-	-	0	0	67.5	48.4	58.2	0	0	68	70	N	-	-	-	-	-	N	
R5341	15	50.8	D2-6		-	-	0	0	67.5	48.3	58.1	0	0	68	70	N	-	-	-	-	-	N	
R5341	16	53.5	D2-6		-	-	0	0	67.6	48.3	58.1	0	0	68.1	70	N	-	-	-	-	-	N	
R5341	17	56.2	D2-6		-	-	0	0	67.7	48.3	58	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	18	58.9	D2-6		-	-	0	0	67.7	48.3	58	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	19	61.6	D2-6		-	-	0	0	67.7	48.3	58	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	20	64.3	D2-6		-	-	0	0	67.7	48.3	57.9	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	21	67.0	D2-6		-	-	0	0	67.7	48.3	57.9	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	22	69.7	D2-6		-	-	0	0	67.7	48.3	57.8	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	23	72.4	D2-6		-	-	0	0	67.7	48.3	57.8	0	0	68.2	70	N	-	-	-	-	-	N	
R5341	24	75.1	D2-6		-	-	0	0	67.7	48.3	57.7	0	0	68.1	70	N	-	-	-	-	-	N	
R5341	25	77.8	D2-6		-	-	0	0	67.7	48.3	57.7	0	0	68.1	70	N	-	-	-	-	-	N	
R5342	1	13.0	D2-6		-	-	24.9	0	31.2	16.6	74.2	0	0	74.2	70	Y	-	-	-	-	-	Y	
R5342	2	15.7	D2-6		-	-	26	0	31.6	16.6	74	0	0	74	70	Y	-	-	-	-	-	Y	
R5342	3	18.4	D2-6		-	-	27.5	0	32	16.6	73.7	0	0	73.7	70	Y	-	-	-	-	-	Y	
R5342	4	21.1	D2-6		-	-	29.8	0	32.4	16.6	73.4	0	0	73.4	70	Y	-	-	-	-	-	Y	
R5342	5	23.8	D2-6		-	-	32.3	0	32.9	16.6	73.1	0	0	73.1	70	Y	-	-	-	-	-	Y	
R5342	6	26.5	D2-6		-	-	33.3	0	33.4	16.6	72.8	0	0	72.8	70	Y	-	-	-	-	-	Y	
R5342	7	29.2	D2-6		-	-	33.8	0	33.9	16.6	72.5	0	0	72.5	70	Y	-	-	-	-	-	Y	
R5342	8	31.9	D2-6		-	-	33.9	0	34.4	16.6	72.2	0	0	72.2	70	Y	-	-	-	-	-	Y	
R5342	9	34.6	D2-6		-	-	33.9	0	35	16.6	71.9	0	0	71.9	70	Y	-	-	-	-	-	Y	
R5342	10	37.3	D2-6		-	-	33.9	0	35.6	16.6	71.6	0	0	71.7	70	Y	-	-	-	-	-	Y	
R5342	11	40.0	D2-6		-	-	33.9	0	36.3	16.5	71.4	0	0	71.4	70	Y	-	-	-	-	-	Y	
R5342	12	42.7	D2-6		-	-	33.8	0	37	16.5	71.2	0	0	71.2	70	Y	-	-	-	-	-	Y	
R5342	13	45.4	D2-6		-	-	33.8	0	37.7	16.8	70.9	0	0	70.9	70	Y	-	-	-	-	-	Y	
R5342	14	48.1	D2-6		-	-	33.8	0	38.5	17.4	70.7	0	0	70.7	70	Y	-	-	-	-	-	Y	
R5342	15	50.8	D2-6		-	-	33.8	0	39.4	18	70.5	0	0	70.5	70	Y	-	-	-	-	-	Y	
R5342	16	53.5	D2-6		-	-	33.8	0	40.5	18.8	70.2	0	0	70.2	70	N	-	-	-	-	-	N	
R5342	17	56.2	D2-6		-	-	33.8	0	41.8	19.8	70	0	0	70	70	N	-	-	-	-	-	N	
R5342	18	58.9	D2-6		-	-	33.8	0	43	20.6	69.8	0	0	69.8									

Assessment Point				Locations		WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)		OTHER ROADS at 2038 dB(A) <sup>[1]</sup>		WITH PROJECT					NEW ROADS at 2038 dB(A) [B]		OVERALL NOISE LEVEL at 2038 dB(A) [C]		Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
						OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]					PD	DD	OTHER dB(A)	EX	TR										New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5361	28	86.9	D2-9	-	-	-	-	0	0	69.6	0	56.8	0	0	69.8	69.8	70	N	-	-	-	-	-	-	-	-	-	N
R5361	29	89.6	D2-9	-	-	-	-	0	0	69.5	0	56.8	0	0	69.7	69.7	70	N	-	-	-	-	-	-	-	-	-	N
R5361	30	92.3	D2-9	-	-	-	-	0	0	69.4	0	56.7	0	0	69.6	69.6	70	N	-	-	-	-	-	-	-	-	-	N
R5362	1	14.0	D2-9	-	-	-	-	0	0	67.5	0	53.2	0	0	67.7	67.7	70	N	-	-	-	-	-	-	-	-	-	N
R5362	2	16.7	D2-9	-	-	-	-	0	0	69.4	0	53.2	0	0	69.5	69.5	70	N	-	-	-	-	-	-	-	-	-	N
R5362	3	19.4	D2-9	-	-	-	-	0	0	71	0	53.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	4	22.1	D2-9	-	-	-	-	0	0	71.8	0	53.1	0	0	71.9	71.9	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	5	24.8	D2-9	-	-	-	-	0	0	72.2	0	53.1	0	0	72.3	72.3	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	6	27.5	D2-9	-	-	-	-	0	0	72.4	0	53.1	0	0	72.5	72.5	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	7	30.2	D2-9	-	-	-	-	0	0	72.5	0	53.1	0	0	72.6	72.6	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	8	32.9	D2-9	-	-	-	-	0	0	72.5	0	53.1	0	0	72.5	72.5	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	9	35.6	D2-9	-	-	-	-	0	0	72.4	0	53.1	0	0	72.4	72.4	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	10	38.3	D2-9	-	-	-	-	0	0	72.3	0	53.1	0	0	72.4	72.4	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	11	41.0	D2-9	-	-	-	-	0	0	72.2	0	53	0	0	72.3	72.3	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	12	43.7	D2-9	-	-	-	-	0	0	72.1	0	53	0	0	72.2	72.2	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	13	46.4	D2-9	-	-	-	-	0	0	72	0	53	0	0	72.1	72.1	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	14	49.1	D2-9	-	-	-	-	0	0	71.9	0	53	0	0	71.9	71.9	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	15	51.8	D2-9	-	-	-	-	0	0	71.8	0	53	0	0	71.8	71.8	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	16	54.5	D2-9	-	-	-	-	0	0	71.6	0	52.9	0	0	71.7	71.7	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	17	57.2	D2-9	-	-	-	-	0	0	71.5	0	52.9	0	0	71.6	71.6	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	18	59.9	D2-9	-	-	-	-	0	0	71.4	0	52.9	0	0	71.5	71.5	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	19	62.6	D2-9	-	-	-	-	0	0	71.2	0	52.9	0	0	71.3	71.3	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	20	65.3	D2-9	-	-	-	-	0	0	71.1	0	52.8	0	0	71.2	71.2	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	21	68.0	D2-9	-	-	-	-	0	0	71	0	52.8	0	0	71.1	71.1	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	22	70.7	D2-9	-	-	-	-	0	0	70.9	0	52.8	0	0	70.9	70.9	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	23	73.4	D2-9	-	-	-	-	0	0	70.7	0	52.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	24	76.1	D2-9	-	-	-	-	0	0	70.6	0	52.7	0	0	70.7	70.7	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	25	78.8	D2-9	-	-	-	-	0	0	70.5	0	52.7	0	0	70.6	70.6	70	Y	-	-	-	-	-	-	-	-	-	Y
R5362	26	81.5	D2-9	-	-	-	-	0	0	70.4	0	52.7	0	0	70.4	70.4	70	N	-	-	-	-	-	-	-	-	-	N
R5362	27	84.2	D2-9	-	-	-	-	0	0	70.3	0	52.6	0	0	70.3	70.3	70	N	-	-	-	-	-	-	-	-	-	N
R5362	28	86.9	D2-9	-	-	-	-	0	0	70.1	0	52.6	0	0	70.2	70.2	70	N	-	-	-	-	-	-	-	-	-	N
R5362	29	89.6	D2-9	-	-	-	-	0	0	70	0	52.6	0	0	70.1	70.1	70	N	-	-	-	-	-	-	-	-	-	N
R5362	30	92.3	D2-9	-	-	-	-	0	0	69.9	0	52.5	0	0	70	70	70	N	-	-	-	-	-	-	-	-	-	N
R5363	1	14.0	D2-9	-	-	-	-	0	0	68.9	7.6	49.8	0	0	68.9	68.9	70	N	-	-	-	-	-	-	-	-	-	N
R5363	2	16.7	D2-9	-	-	-	-	0	0	70.6	7.7	49.8	0	0	70.6	70.6	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	3	19.4	D2-9	-	-	-	-	0	0	71.8	7.8	49.8	0	0	71.8	71.8	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	4	22.1	D2-9	-	-	-	-	0	0	72.3	7.8	49.8	0	0	72.4	72.4	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	5	24.8	D2-9	-	-	-	-	0	0	72.6	7.8	49.8	0	0	72.6	72.6	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	6	27.5	D2-9	-	-	-	-	0	0	72.7	7.8	49.8	0	0	72.7	72.7	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	7	30.2	D2-9	-	-	-	-	0	0	72.7	7.8	49.8	0	0	72.7	72.7	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	8	32.9	D2-9	-	-	-	-	0	0	72.7	7.8	49.8	0	0	72.7	72.7	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	9	35.6	D2-9	-	-	-	-	0	0	72.6	7.8	49.8	0	0	72.6	72.6	70	Y	-	-	-	-	-	-	-	-	-	Y
R5363	10																											

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project C - A dB(A) [D]	Impact D > 1dB(A)	Significance B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			NEW ROADS at 2038 dB(A)	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5365	18	59.9	D2-9	-	-	58.6	0	70.8	13	0	0	0	70.8	71.1	70	Y	-	-	-	-	-	Y	
R5365	19	62.6	D2-9	-	-	58.7	0	70.7	13.3	0	0	0	70.7	71	70	Y	-	-	-	-	-	Y	
R5365	20	65.3	D2-9	-	-	58.8	0	70.6	13.5	0	0	0	70.6	70.9	70	Y	-	-	-	-	-	Y	
R5365	21	68.0	D2-9	-	-	58.8	0	70.5	13.7	0	0	0	70.5	70.8	70	Y	-	-	-	-	-	Y	
R5365	22	70.7	D2-9	-	-	58.8	0	70.4	13.9	0	0	0	70.4	70.7	70	Y	-	-	-	-	-	Y	
R5365	23	73.4	D2-9	-	-	58.9	0	70.3	14.2	0	0	0	70.3	70.6	70	Y	-	-	-	-	-	Y	
R5365	24	76.1	D2-9	-	-	58.9	0	70.2	14.6	0	0	0	70.2	70.5	70	Y	-	-	-	-	-	Y	
R5365	25	78.8	D2-9	-	-	58.9	0	70.1	14.9	0	0	0	70.1	70.4	70	N	-	-	-	-	-	N	
R5365	26	81.5	D2-9	-	-	58.9	0	70	15.1	0	0	0	70	70.3	70	N	-	-	-	-	-	N	
R5365	27	84.2	D2-9	-	-	58.9	0	69.9	15.5	0	0	0	69.9	70.2	70	N	-	-	-	-	-	N	
R5365	28	86.9	D2-9	-	-	58.9	0	69.8	15.9	0	0	0	69.8	70.1	70	N	-	-	-	-	-	N	
R5365	29	89.6	D2-9	-	-	58.9	0	69.7	16.4	0	0	0	69.7	70	70	N	-	-	-	-	-	N	
R5365	30	92.3	D2-9	-	-	59	0	69.6	16.8	0	0	0	69.6	69.9	70	N	-	-	-	-	-	N	
R5366	1	14.0	D2-9	-	-	57.9	0	70	13.5	0	0	0	70	70.2	70	N	-	-	-	-	-	N	
R5366	2	16.7	D2-9	-	-	58.3	0	70.7	13.5	0	0	0	70.7	70.9	70	Y	-	-	-	-	-	Y	
R5366	3	19.4	D2-9	-	-	58.8	0	71.1	13.5	0	0	0	71.1	71.4	70	Y	-	-	-	-	-	Y	
R5366	4	22.1	D2-9	-	-	59.2	0	71.5	13.5	0	0	0	71.5	71.7	70	Y	-	-	-	-	-	Y	
R5366	5	24.8	D2-9	-	-	59.6	0	71.7	13.5	0	0	0	71.7	71.9	70	Y	-	-	-	-	-	Y	
R5366	6	27.5	D2-9	-	-	60	0	71.8	13.5	0	0	0	71.8	72.1	70	Y	-	-	-	-	-	Y	
R5366	7	30.2	D2-9	-	-	60.4	0	71.8	13.5	0	0	0	71.8	72.1	70	Y	-	-	-	-	-	Y	
R5366	8	32.9	D2-9	-	-	60.8	0	71.8	13.5	0	0	0	71.8	72.2	70	Y	-	-	-	-	-	Y	
R5366	9	35.6	D2-9	-	-	61.1	0	71.8	13.6	0	0	0	71.8	72.2	70	Y	-	-	-	-	-	Y	
R5366	10	38.3	D2-9	-	-	61.5	0	71.8	13.5	0	0	0	71.8	72.2	70	Y	-	-	-	-	-	Y	
R5366	11	41.0	D2-9	-	-	61.8	0	71.7	13.6	0	0	0	71.7	72.2	70	Y	-	-	-	-	-	Y	
R5366	12	43.7	D2-9	-	-	62	0	71.7	13.6	0	0	0	71.7	72.1	70	Y	-	-	-	-	-	Y	
R5366	13	46.4	D2-9	-	-	62.2	0	71.6	13.6	0	0	0	71.6	72	70	Y	-	-	-	-	-	Y	
R5366	14	49.1	D2-9	-	-	62.3	0	71.5	13.7	0	0	0	71.5	72	70	Y	-	-	-	-	-	Y	
R5366	15	51.8	D2-9	-	-	62.4	0	71.4	13.6	0	0	0	71.4	71.9	70	Y	-	-	-	-	-	Y	
R5366	16	54.5	D2-9	-	-	62.5	0	71.3	13.9	0	0	0	71.3	71.8	70	Y	-	-	-	-	-	Y	
R5366	17	57.2	D2-9	-	-	62.5	0	71.2	14.1	0	0	0	71.2	71.7	70	Y	-	-	-	-	-	Y	
R5366	18	59.9	D2-9	-	-	62.6	0	71.1	14.5	0	0	0	71.1	71.7	70	Y	-	-	-	-	-	Y	
R5366	19	62.6	D2-9	-	-	62.6	0	71	14.6	0	0	0	71	71.6	70	Y	-	-	-	-	-	Y	
R5366	20	65.3	D2-9	-	-	62.7	0	70.9	15	0	0	0	70.9	71.5	70	Y	-	-	-	-	-	Y	
R5366	21	68.0	D2-9	-	-	62.7	0	70.8	15.3	0	0	0	70.8	71.4	70	Y	-	-	-	-	-	Y	
R5366	22	70.7	D2-9	-	-	62.7	0	70.7	15.5	0	0	0	70.7	71.3	70	Y	-	-	-	-	-	Y	
R5366	23	73.4	D2-9	-	-	62.7	0	70.6	15.9	0	0	0	70.6	71.2	70	Y	-	-	-	-	-	Y	
R5366	24	76.1	D2-9	-	-	62.7	0	70.5	16.2	0	0	0	70.5	71.2	70	Y	-	-	-	-	-	Y	
R5366	25	78.8	D2-9	-	-	62.7	0	70.4	16.6	0	0	0	70.4	71.1	70	Y	-	-	-	-	-	Y	
R5366	26	81.5	D2-9	-	-	62.8	0	70.3	17	0	0	0	70.3	71	70	Y	-	-	-	-	-	Y	
R5366	27	84.2	D2-9	-	-	62.8	0	70.2	17.5	0	0	0	70.2	70.9	70	Y	-	-	-	-	-	Y	
R5366	28	86.9	D2-9	-	-	62.8	0	70.1	17.9	0	0	0	70.1	70.8	70	Y	-	-	-	-	-	Y	
R5366	29	89.6	D2-9	-	-	62.8	0	70	18.4	0	0	0	70	70.8	70	Y	-	-	-	-	-	Y	
R5366	30	92.3	D2-9	-	-	62.8	0	69.9	18.7	0	0	0	69.9	70.7	70	Y	-	-	-	-	-	Y	
R5367	1	14.0	D2-9	-	-	53.1	0	0	0	69.2	0	0	69.2	69.3	70	N	-	-	-	-	-	N	
R5367	2	16.7	D2-9	-	-	53.5	0	0	0	69.2	0	0	69.2	69.3	70	N	-	-	-	-	-	N	
R5367	3	19.4	D2-9	-	-	53.7	0	0	0	69.2	0	0	69.2	69.3	70	N	-	-	-	-	-	N	
R5367	4	22.1	D2-9	-	-	53.9	0	0	0	69.1	0	0	69.1	69.2	70	N	-	-	-	-	-	N	
R5367	5	24.8	D2-9	-	-	54	0	0	0	69	0	0	69	69.2	70	N	-	-	-	-	-	N	
R5367	6	27.5																					

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			NEW ROADS PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5368	33	100.4	D2-9		-	-	48	0	50.5	9.5	63.5	0	0	63.7	63.9	70	N	-	-	-	-	N	
R5368	34	103.1	D2-9		-	-	48	0	50.5	9.8	63.5	0	0	63.7	63.9	70	N	-	-	-	-	N	
R5368	35	105.8	D2-9		-	-	48	0	50.6	10.1	63.5	0	0	63.7	63.8	70	N	-	-	-	-	N	
R5369	1	14.0	D2-9		-	-	34.5	0	49.4	10.8	63.6	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	2	16.7	D2-9		-	-	35.5	0	50	10.8	63.6	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	3	19.4	D2-9		-	-	36.2	0	50.5	10.8	63.6	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	4	22.1	D2-9		-	-	36.8	0	50.8	10.8	63.6	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	5	24.8	D2-9		-	-	37.4	0	51.2	10.8	63.6	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	6	27.5	D2-9		-	-	38	0	51.7	10.8	63.6	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	7	30.2	D2-9		-	-	38.5	0	52.1	10.8	63.5	0	0	63.8	63.9	70	N	-	-	-	-	N	
R5369	8	32.9	D2-9		-	-	39.2	0	52.5	10.7	63.5	0	0	63.8	63.9	70	N	-	-	-	-	N	
R5369	9	35.6	D2-9		-	-	40.5	0	52.8	10.7	63.5	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	10	38.3	D2-9		-	-	42.3	0	53.1	10.7	63.5	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	11	41.0	D2-9		-	-	44.4	0	53.5	10.7	63.4	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	12	43.7	D2-9		-	-	45.4	0	53.8	10.7	63.4	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	13	46.4	D2-9		-	-	45.7	0	54	10.7	63.4	0	0	63.9	64	70	N	-	-	-	-	N	
R5369	14	49.1	D2-9		-	-	45.9	0	54.2	10.7	63.4	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	15	51.8	D2-9		-	-	45.9	0	54.4	10.7	63.4	0	0	63.9	64	70	N	-	-	-	-	N	
R5369	16	54.5	D2-9		-	-	45.9	0	54.6	10.7	63.3	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	17	57.2	D2-9		-	-	45.9	0	54.7	10.9	63.3	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	18	59.9	D2-9		-	-	45.9	0	54.8	12.1	63.3	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	19	62.6	D2-9		-	-	45.9	0	54.9	13.2	63.3	0	0	63.9	63.9	70	N	-	-	-	-	N	
R5369	20	65.3	D2-9		-	-	45.9	0	55	14.6	63.2	0	0	63.8	63.9	70	N	-	-	-	-	N	
R5369	21	68.0	D2-9		-	-	45.9	0	55.1	16	63.2	0	0	63.8	63.9	70	N	-	-	-	-	N	
R5369	22	70.7	D2-9		-	-	45.9	0	55.2	17.3	63.1	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	23	73.4	D2-9		-	-	45.9	0	55.3	18.6	63.1	0	0	63.8	63.8	70	N	-	-	-	-	N	
R5369	24	76.1	D2-9		-	-	45.9	0	55.3	20.1	63	0	0	63.7	63.8	70	N	-	-	-	-	N	
R5369	25	78.8	D2-9		-	-	45.9	0	55.3	21.6	63	0	0	63.7	63.7	70	N	-	-	-	-	N	
R5369	26	81.5	D2-9		-	-	45.9	0	55.4	23.2	63	0	0	63.7	63.7	70	N	-	-	-	-	N	
R5369	27	84.2	D2-9		-	-	45.8	0	55.5	24.9	62.9	0	0	63.6	63.7	70	N	-	-	-	-	N	
R5369	28	86.9	D2-9		-	-	45.8	0	55.5	26.9	62.8	0	0	63.6	63.7	70	N	-	-	-	-	N	
R5369	29	89.6	D2-9		-	-	45.8	0	55.6	29	62.8	0	0	63.6	63.6	70	N	-	-	-	-	N	
R5369	30	92.3	D2-9		-	-	45.8	0	55.6	31.7	62.8	0	0	63.5	63.6	70	N	-	-	-	-	N	
R5369	31	95.0	D2-9		-	-	45.8	0	55.7	35.3	62.7	0	0	63.5	63.6	70	N	-	-	-	-	N	
R5369	32	97.7	D2-9		-	-	45.8	0	55.7	38.4	62.7	0	0	63.5	63.6	70	N	-	-	-	-	N	
R5369	33	100.4	D2-9		-	-	45.8	0	55.8	39.9	62.6	0	0	63.5	63.5	70	N	-	-	-	-	N	
R5369	34	103.1	D2-9		-	-	45.8	0	56	40.4	62.6	0	0	63.5	63.5	70	N	-	-	-	-	N	
R5369	35	105.8	D2-9		-	-	45.8	0	56.2	40.5	62.5	0	0	63.5	63.5	70	N	-	-	-	-	N	
R5381	1	15.0	D2-12		-	-	58.5	0	66.7	14.8	0	0	0	66.7	67.3	70	N	-	-	-	-	N	
R5381	2	17.7	D2-12		-	-	58.9	0	67.1	14.8	0	0	0	67.1	67.7	70	N	-	-	-	-	N	
R5381	3	20.4	D2-12		-	-	59.3	0	67.5	14.8	0	0	0	67.5	68.1	70	N	-	-	-	-	N	
R5381	4	23.1	D2-12		-	-	59.6	0	67.8	14.8	0	0	0	67.8	68.4	70	N	-	-	-	-	N	
R5381	5	25.8	D2-12		-	-	60.1	0	68.1	14.7	0	0	0	68.1	68.7	70	N	-	-	-	-	N	
R5381	6	28.5	D2-12		-	-	60.5	0	68.3	14.7	0	0	0	68.3	69	70	N	-	-	-	-	N	
R5381	7	31.2	D2-12		-	-	61	0	68.5	14.7	0	0	0	68.5	69.2	70	N	-	-	-	-	N	
R5381	8	33.9	D2-12		-	-	61.5	0	68.6	14.6	0	0	0	68.6	69.4	70	N	-	-	-	-	N	
R5381	9	36.6	D2-12		-	-	61.8	0	68.7	14.6	0	0	0	68.7	69.5	70	N	-	-	-	-	N	
R5381	10	39.3	D2-12		-	-	62	0	68.8	14.3	0	0	0	68.8	69.6	70	N	-	-	-	-	N	
R5381	11	42.0	D2-12		-	-	62.2	0	68.9	14.8	0	0	0	68.9	69.7	70	N	-	-	-	-	N	
R5381	12</																						

Assessment Point				Locations		WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS		OVERALL NOISE LEVEL		Noise Criteria	Exceedance	Check Project Impact	Significance	B > Criteria	Check Direct Mitigation		Mitigation Measures
						OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2038	at 2038	at 2038	PD	DD	OTHER	EX	TR	at 2038	at 2038	at 2038	at 2038	New Roads Contribution	E								
ID	Floor	Floor Level (mPD)				dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]							dB(A) [B]	dB(A) [C]	dB(A)	C > Criteria (Y/N)	C - A dB(A) [D]	> 1dB(A)			dB(A) [E]	> 1dB(A)	Required <sup>[2,3]</sup> (Y/N)		
R5385	8	33.9	D2-12			-	-	66.9	0	0	0	68.7	0	0	68.7	70.9	70	70	Y	-	-	-	-	-	-	Y		
R5385	9	36.6	D2-12			-	-	66.8	0	0	0	68.6	0	0	68.6	70.8	70	70	Y	-	-	-	-	-	-	Y		
R5385	10	39.3	D2-12			-	-	66.7	0	0	0	68.4	0	0	68.4	70.6	70	70	Y	-	-	-	-	-	-	Y		
R5385	11	42.0	D2-12			-	-	66.5	0	0	0	68.3	0	0	68.3	70.5	70	70	Y	-	-	-	-	-	-	Y		
R5385	12	44.7	D2-12			-	-	66.4	0	0	0	68.2	0	0	68.2	70.4	70	70	N	-	-	-	-	-	-	N		
R5385	13	47.4	D2-12			-	-	66.3	0	0	0	68.1	0	0	68.1	70.3	70	70	N	-	-	-	-	-	-	N		
R5385	14	50.1	D2-12			-	-	66.1	0	0	0	68	0	0	68	70.2	70	70	N	-	-	-	-	-	-	N		
R5385	15	52.8	D2-12			-	-	66	0	0	0	67.9	0	0	67.9	70	70	70	N	-	-	-	-	-	-	N		
R5385	16	55.5	D2-12			-	-	65.9	0	0	0	67.7	0	0	67.7	69.9	70	70	N	-	-	-	-	-	-	N		
R5385	17	58.2	D2-12			-	-	65.7	0	0	0	67.6	0	0	67.6	69.8	70	70	N	-	-	-	-	-	-	N		
R5385	18	60.9	D2-12			-	-	65.6	0	0	0	67.5	0	0	67.5	69.7	70	70	N	-	-	-	-	-	-	N		
R5385	19	63.6	D2-12			-	-	65.5	0	0	0	67.4	0	0	67.4	69.6	70	70	N	-	-	-	-	-	-	N		
R5385	20	66.3	D2-12			-	-	65.4	0	0	0	67.3	0	0	67.3	69.5	70	70	N	-	-	-	-	-	-	N		
R5386	1	15.0	D2-12			-	-	62.3	0	0	0	70.8	0	0	70.8	71.4	70	70	Y	-	-	-	-	-	-	Y		
R5386	2	17.7	D2-12			-	-	62.4	0	0	0	70.8	0	0	70.8	71.4	70	70	Y	-	-	-	-	-	-	Y		
R5386	3	20.4	D2-12			-	-	62.4	0	0	0	70.7	0	0	70.7	71.3	70	70	Y	-	-	-	-	-	-	Y		
R5386	4	23.1	D2-12			-	-	62.5	0	0	0	70.6	0	0	70.6	71.2	70	70	Y	-	-	-	-	-	-	Y		
R5386	5	25.8	D2-12			-	-	62.5	0	0	0	70.5	0	0	70.5	71.1	70	70	Y	-	-	-	-	-	-	Y		
R5386	6	28.5	D2-12			-	-	62.5	0	0	0	70.4	0	0	70.4	71	70	70	Y	-	-	-	-	-	-	Y		
R5386	7	31.2	D2-12			-	-	62.5	0	0	0	70.3	0	0	70.3	70.9	70	70	Y	-	-	-	-	-	-	Y		
R5386	8	33.9	D2-12			-	-	62.5	0	0	0	70.1	0	0	70.1	70.8	70	70	Y	-	-	-	-	-	-	Y		
R5386	9	36.6	D2-12			-	-	62.5	0	0	0	70	0	0	70	70.7	70	70	Y	-	-	-	-	-	-	Y		
R5386	10	39.3	D2-12			-	-	62.4	0	0	0	69.8	0	0	69.8	70.6	70	70	Y	-	-	-	-	-	-	Y		
R5386	11	42.0	D2-12			-	-	62.4	0	0	0	69.7	0	0	69.7	70.4	70	70	N	-	-	-	-	-	-	N		
R5386	12	44.7	D2-12			-	-	62.4	0	0	0	69.6	0	0	69.6	70.3	70	70	N	-	-	-	-	-	-	N		
R5386	13	47.4	D2-12			-	-	62.3	0	0	0	69.4	0	0	69.4	70.2	70	70	N	-	-	-	-	-	-	N		
R5386	14	50.1	D2-12			-	-	62.2	0	0	0	69.3	0	0	69.3	70.1	70	70	N	-	-	-	-	-	-	N		
R5386	15	52.8	D2-12			-	-	62.2	0	0	0	69.1	0	0	69.1	69.9	70	70	N	-	-	-	-	-	-	N		
R5386	16	55.5	D2-12			-	-	62.2	0	0	0	69	0	0	69	69.8	70	70	N	-	-	-	-	-	-	N		
R5386	17	58.2	D2-12			-	-	62.1	0	0	0	68.8	0	0	68.8	69.7	70	70	N	-	-	-	-	-	-	N		
R5386	18	60.9	D2-12			-	-	62.1	0	0	0	68.7	0	0	68.7	69.6	70	70	N	-	-	-	-	-	-	N		
R5386	19	63.6	D2-12			-	-	62	0	0	0	68.5	0	0	68.5	69.4	70	70	N	-	-	-	-	-	-	N		
R5386	20	66.3	D2-12			-	-	62	0	0	0	68.4	0	0	68.4	69.3	70	70	N	-	-	-	-	-	-	N		
R5401	1	17.0	D3-1a			-	-	70.7	0	0	0	64.3	0	0	64.3	71.6	70	70	Y	-	-	-	-	-	-	Y		
R5401	2	19.7	D3-1a			-	-	70.8	0	0	0	64.2	0	0	64.2	71.7	70	70	Y	-	-	-	-	-	-	Y		
R5401	3	22.4	D3-1a			-	-	70.8	0	0	0	64.1	0	0	64.1	71.7	70	70	Y	-	-	-	-	-	-	Y		
R5401	4	25.1	D3-1a			-	-	70.8	0	0	0	64	0	0	64	71.6	70	70	Y	-	-	-	-	-	-	Y		
R5401	5	27.8	D3-1a			-	-	70.7	0	0	0	63.9	0	0	63.9	71.5	70	70	Y	-	-	-	-	-	-	Y		
R5401	6	30.5	D3-1a			-	-	70.5	0	0	0	63.8	0	0	63.8	71.3	70	70	Y	-	-	-	-	-	-	Y		
R5401	7	33.2	D3-1a			-	-	70.3	0	0	0	63.7	0	0	63.7	71.2	70	70	Y	-	-	-	-	-	-	Y		
R5401	8	35.9	D3-1a			-	-	70.1	0	0	0	63.6	0	0	63.6	71	70	70	Y	-	-	-	-	-	-	Y		
R5401	9	38.6	D3-1a			-	-	69.9	0	0	0	63.5	0	0	63.5	70.8	70	70	Y	-	-	-	-	-	-	Y		
R5401	10	41.3	D3-1a			-	-	69.8	0	0	0	63.3	0	0	63.3	70.7	70	70	Y	-	-	-	-	-	-	Y		
R5401	11	44.0	D3-1a			-	-	69.6	0	0																		

Assessment Point				Locations		WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS		OVERALL NOISE LEVEL		Noise Criteria	Exceedance	Check Project Impact	Significance	B > Criteria	Check Direct Mitigation		Mitigation Measures
						OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2038	at 2038	at 2038	PD	DD	OTHER	EX	TR	at 2038	at 2038	at 2038	at 2038	at 2038	C - Criteria						C - A	D	
ID	Floor	Floor Level (mPD)				dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]							dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)
R5403	28	89.9	D3-1a			-	-	61.5	0	0	58.4	68.5	0	0	68.9	69.6	70	N	-	-	-	-	-	-	-	-	N	
R5403	29	92.6	D3-1a			-	-	61.4	0	0	58.3	68.4	0	0	68.8	69.5	70	N	-	-	-	-	-	-	-	-	N	
R5403	30	95.3	D3-1a			-	-	61.3	0	0	58.3	68.3	0	0	68.7	69.4	70	N	-	-	-	-	-	-	-	-	N	
R5404	1	17.0	D3-1a			-	-	16.2	0	48.6	55.6	74.5	0	0	74.6	74.6	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	2	19.7	D3-1a			-	-	16.5	0	48.9	55.6	74.4	0	0	74.4	74.4	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	3	22.4	D3-1a			-	-	16.7	0	49.3	55.6	74.2	0	0	74.2	74.2	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	4	25.1	D3-1a			-	-	17	0	49.7	55.6	74	0	0	74.1	74.1	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	5	27.8	D3-1a			-	-	17.3	0	50	55.6	73.8	0	0	73.9	73.9	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	6	30.5	D3-1a			-	-	17.5	0	50.4	55.6	73.6	0	0	73.7	73.7	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	7	33.2	D3-1a			-	-	17.8	0	50.7	55.6	73.4	0	0	73.5	73.5	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	8	35.9	D3-1a			-	-	18.2	0	51	55.7	73.2	0	0	73.3	73.3	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	9	38.6	D3-1a			-	-	18.5	0	51.3	55.7	73	0	0	73.1	73.1	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	10	41.3	D3-1a			-	-	18.9	0	51.4	55.7	72.8	0	0	72.9	72.9	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	11	44.0	D3-1a			-	-	19.2	0	51.6	55.8	72.6	0	0	72.8	72.8	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	12	46.7	D3-1a			-	-	19.6	0	51.8	56.1	72.4	0	0	72.6	72.6	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	13	49.4	D3-1a			-	-	20	0	52	56.4	72.3	0	0	72.4	72.4	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	14	52.1	D3-1a			-	-	20.5	0	52.1	56.6	72.1	0	0	72.3	72.3	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	15	54.8	D3-1a			-	-	20.9	0	52.2	56.9	71.9	0	0	72.1	72.1	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	16	57.5	D3-1a			-	-	21.3	0	52.3	57.3	71.8	0	0	72	72	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	17	60.2	D3-1a			-	-	21.8	0	52.4	57.6	71.6	0	0	71.8	71.8	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	18	62.9	D3-1a			-	-	22.3	0	52.5	57.7	71.4	0	0	71.7	71.7	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	19	65.6	D3-1a			-	-	22.8	0	52.6	57.7	71.3	0	0	71.5	71.5	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	20	68.3	D3-1a			-	-	23.4	0	52.7	57.7	71.1	0	0	71.4	71.4	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	21	71.0	D3-1a			-	-	24	0	52.8	57.7	70.9	0	0	71.2	71.2	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	22	73.7	D3-1a			-	-	24.5	0	53	57.7	70.8	0	0	71.1	71.1	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	23	76.4	D3-1a			-	-	25.1	0	53.1	57.7	70.7	0	0	70.9	70.9	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	24	79.1	D3-1a			-	-	25.8	0	53.4	57.7	70.5	0	0	70.8	70.8	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	25	81.8	D3-1a			-	-	26.5	0	53.8	57.7	70.4	0	0	70.7	70.7	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	26	84.5	D3-1a			-	-	27.3	0	54.4	57.7	70.3	0	0	70.6	70.6	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	27	87.2	D3-1a			-	-	28	0	55.3	57.7	70.2	0	0	70.5	70.5	70	Y	-	-	-	-	-	-	-	-	Y	
R5404	28	89.9	D3-1a			-	-	28.9	0	56.3	57.7	70	0	0	70.4	70.4	70	N	-	-	-	-	-	-	-	-	N	
R5404	29	92.6	D3-1a			-	-	29.9	0	57.2	57.7	69.9	0	0	70.4	70.4	70	N	-	-	-	-	-	-	-	-	N	
R5404	30	95.3	D3-1a			-	-	31.4	0	57.9	57.8	69.8	0	0	70.3	70.3	70	N	-	-	-	-	-	-	-	-	N	
R5406	1	17.0	D3-1b			-	-	11.7	0	30.3	57.6	75	0	0	75	75	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	2	19.7	D3-1b			-	-	12.1	0	30.3	57.5	74.8	0	0	74.8	74.8	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	3	22.4	D3-1b			-	-	12.6	0	30.3	57.5	74.5	0	0	74.6	74.6	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	4	25.1	D3-1b			-	-	13	0	30.3	57.5	74.3	0	0	74.4	74.4	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	5	27.8	D3-1b			-	-	13.4	0	30.3	57.5	74	0	0	74.1	74.1	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	6	30.5	D3-1b			-	-	13.9	0	30.1	57.5	73.8	0	0	73.9	73.9	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	7	33.2	D3-1b			-	-	14.3	0	30.4	57.4	73.5	0	0	73.6	73.6	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	8	35.9	D3-1b			-	-	14.7	0	31.1	57.4	73.3	0	0	73.4	73.4	70	Y	-	-	-	-	-	-	-	-	Y	
R5406	9	38.6	D3-1b																									

Assessment Point			Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C - Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5408	18	62.9	D3-1b	-	-	47.6	0	0	6.5	69.2	0	0	69.2	69.2	70	N	-	-	-	-	N	
R5408	19	65.6	D3-1b	-	-	47.9	0	0	6.5	69	0	0	69	69.1	70	N	-	-	-	-	N	
R5408	20	68.3	D3-1b	-	-	48.2	0	0	6.5	68.9	0	0	68.9	68.9	70	N	-	-	-	-	N	
R5408	21	71.0	D3-1b	-	-	48.4	0	0	6.5	68.8	0	0	68.8	68.8	70	N	-	-	-	-	N	
R5408	22	73.7	D3-1b	-	-	48.6	0	0	6.4	68.6	0	0	68.6	68.7	70	N	-	-	-	-	N	
R5408	23	76.4	D3-1b	-	-	48.9	0	0	6.4	68.5	0	0	68.5	68.6	70	N	-	-	-	-	N	
R5408	24	79.1	D3-1b	-	-	49	0	0	6.4	68.4	0	0	68.4	68.5	70	N	-	-	-	-	N	
R5408	25	81.8	D3-1b	-	-	49.1	0	0	6.4	68.3	0	0	68.3	68.4	70	N	-	-	-	-	N	
R5408	26	84.5	D3-1b	-	-	49.2	0	0	6.4	68.2	0	0	68.2	68.3	70	N	-	-	-	-	N	
R5408	27	87.2	D3-1b	-	-	49.4	0	0	6.4	68.1	0	0	68.1	68.2	70	N	-	-	-	-	N	
R5408	28	89.9	D3-1b	-	-	49.6	0	0	6.3	67.9	0	0	67.9	68	70	N	-	-	-	-	N	
R5408	29	92.6	D3-1b	-	-	49.7	0	0	6.3	67.8	0	0	67.8	67.9	70	N	-	-	-	-	N	
R5408	30	95.3	D3-1b	-	-	49.8	0	0	6.3	67.7	0	0	67.7	67.8	70	N	-	-	-	-	N	
R5409	1	17.0	D3-1b	-	-	44.6	0	0	5.3	68.8	0	0	68.8	68.8	70	N	-	-	-	-	N	
R5409	2	19.7	D3-1b	-	-	47.5	0	0	5.3	68.7	0	0	68.7	68.8	70	N	-	-	-	-	N	
R5409	3	22.4	D3-1b	-	-	51.8	0	0	5.3	68.7	0	0	68.7	68.8	70	N	-	-	-	-	N	
R5409	4	25.1	D3-1b	-	-	56.3	0	0	5.3	68.7	0	0	68.7	68.9	70	N	-	-	-	-	N	
R5409	5	27.8	D3-1b	-	-	57.8	0	0	5.3	68.8	0	0	68.8	69.1	70	N	-	-	-	-	N	
R5409	6	30.5	D3-1b	-	-	58.3	0	0	5.3	68.9	0	0	68.9	69.2	70	N	-	-	-	-	N	
R5409	7	33.2	D3-1b	-	-	58.4	0	0	5.3	68.8	0	0	68.8	69.2	70	N	-	-	-	-	N	
R5409	8	35.9	D3-1b	-	-	58.5	0	0	5.3	68.7	0	0	68.7	69.1	70	N	-	-	-	-	N	
R5409	9	38.6	D3-1b	-	-	58.6	0	0	5.2	68.6	0	0	68.6	69	70	N	-	-	-	-	N	
R5409	10	41.3	D3-1b	-	-	58.6	0	0	5.2	68.5	0	0	68.5	68.9	70	N	-	-	-	-	N	
R5409	11	44.0	D3-1b	-	-	58.7	0	0	5.2	68.3	0	0	68.3	68.8	70	N	-	-	-	-	N	
R5409	12	46.7	D3-1b	-	-	58.8	0	0	5.2	68.2	0	0	68.2	68.7	70	N	-	-	-	-	N	
R5409	13	49.4	D3-1b	-	-	58.8	0	0	5.2	68.1	0	0	68.1	68.6	70	N	-	-	-	-	N	
R5409	14	52.1	D3-1b	-	-	58.8	0	0	5.2	68	0	0	68	68.5	70	N	-	-	-	-	N	
R5409	15	54.8	D3-1b	-	-	58.8	0	0	5.2	67.9	0	0	67.9	68.4	70	N	-	-	-	-	N	
R5409	16	57.5	D3-1b	-	-	58.9	0	0	5.2	67.8	0	0	67.8	68.3	70	N	-	-	-	-	N	
R5409	17	60.2	D3-1b	-	-	58.9	0	0	5.2	67.6	0	0	67.6	68.2	70	N	-	-	-	-	N	
R5409	18	62.9	D3-1b	-	-	59	0	0	5.2	67.5	0	0	67.5	68.1	70	N	-	-	-	-	N	
R5409	19	65.6	D3-1b	-	-	59	0	0	5.2	67.4	0	0	67.4	68	70	N	-	-	-	-	N	
R5409	20	68.3	D3-1b	-	-	59	0	0	5.2	67.3	0	0	67.3	67.9	70	N	-	-	-	-	N	
R5409	21	71.0	D3-1b	-	-	59	0	0	5.2	67.1	0	0	67.1	67.8	70	N	-	-	-	-	N	
R5409	22	73.7	D3-1b	-	-	59.1	0	0	5.1	67	0	0	67	67.7	70	N	-	-	-	-	N	
R5409	23	76.4	D3-1b	-	-	59.1	0	0	5.1	66.9	0	0	66.9	67.6	70	N	-	-	-	-	N	
R5409	24	79.1	D3-1b	-	-	59.1	0	0	5.1	66.8	0	0	66.8	67.5	70	N	-	-	-	-	N	
R5409	25	81.8	D3-1b	-	-	59.1	0	0	4.6	66.7	0	0	66.7	67.4	70	N	-	-	-	-	N	
R5409	26	84.5	D3-1b	-	-	59.1	0	0	5.2	66.6	0	0	66.6	67.3	70	N	-	-	-	-	N	
R5409	27	87.2	D3-1b	-	-	59.1	0	0	5.4	66.5	0	0	66.5	67.2	70	N	-	-	-	-	N	
R5409	28	89.9	D3-1b	-	-	59	0	0	5.7	66.4	0	0	66.4	67.1	70	N	-	-	-	-	N	
R5409	29	92.6	D3-1b	-	-	59	0	0	5.8	66.3	0	0	66.3	67	70	N	-	-	-	-	N	
R5409	30	95.3	D3-1b	-	-	59	0	0	5.8	66.2	0	0	66.2	66.9	70	N	-	-	-	-	N	
R5411	1	26.0	D3-1c	-	-	60.5	0	0	5.6	68.6	0	0	68.6	69.2	70	N	-	-	-	-	N	
R5411	2	28.7	D3-1c	-	-	60.9	0	0	5.6	69.3	0	0	69.3	69.9	70	N	-	-	-	-	N	
R5411	3	31.4	D3-1c	-	-	61.1	0	0	5.6	69.2	0	0	69.2	69.9	70	N	-	-	-	-	N	
R5411	4	34.1	D3-1c	-	-	61.3	0	0	5.6	69.1	0	0	69.1	69.8	70	N	-	-	-	-	N	
R5411	5	36.8	D3-1c	-	-	61.4	0	0	5.6	69	0	0	69	69.7	70	N	-	-	-	-	N	
R5411	6	39.5	D3-1c	-	-	61.5	0	0	5.6	68.8	0	0	68.8	69.5	70	N	-	-	-	-	N	
R5411	7	42.2	D3-1c	-	-	61.5	0	0	5.6	68.7	0	0	68.7	69.5	70	N	-	-	-	-	N	
R5411	8	44.9	D3-1c	-	-	61.6	0	0	5.6	68.5	0	0	68.5	69.3	70	N	-	-	-	-	N	
R5411	9	47.6	D3-1c	-																		

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project C - A dB(A) [D]	Impact D > 1dB(A)	Significance B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]	at 2038 dB(A)	at 2038 dB(A) <sup>[1]</sup>	PD	DD	OTHER dB(A)	EX	TR	New Roads Contribution dB(A) [E]	E > 1dB(A)										
R5413	8	44.9	D3-1c	-	-	-	69.2	0	0	0	61.5	0	0	61.5	69.9	70	N	-	-	-	-	-	N		
R5413	9	47.6	D3-1c	-	-	-	69.1	0	0	0	61.4	0	0	61.4	69.8	70	N	-	-	-	-	-	N		
R5413	10	50.3	D3-1c	-	-	-	68.9	0	0	0	61.3	0	0	61.3	69.6	70	N	-	-	-	-	-	N		
R5413	11	53.0	D3-1c	-	-	-	68.8	0	0	0	61.2	0	0	61.2	69.5	70	N	-	-	-	-	-	N		
R5413	12	55.7	D3-1c	-	-	-	68.7	0	0	0	61	0	0	61	69.4	70	N	-	-	-	-	-	N		
R5413	13	58.4	D3-1c	-	-	-	68.6	0	0	0	60.9	0	0	60.9	69.3	70	N	-	-	-	-	-	N		
R5413	14	61.1	D3-1c	-	-	-	68.5	0	0	0	60.8	0	0	60.8	69.2	70	N	-	-	-	-	-	N		
R5413	15	63.8	D3-1c	-	-	-	68.4	0	0	0	60.7	0	0	60.7	69.1	70	N	-	-	-	-	-	N		
R5413	16	66.5	D3-1c	-	-	-	68.3	0	0	0	60.6	0	0	60.6	69	70	N	-	-	-	-	-	N		
R5413	17	69.2	D3-1c	-	-	-	68.1	0	0	0	60.5	0	0	60.5	68.8	70	N	-	-	-	-	-	N		
R5413	18	71.9	D3-1c	-	-	-	68	0	0	0	60.4	0	0	60.4	68.7	70	N	-	-	-	-	-	N		
R5413	19	74.6	D3-1c	-	-	-	67.9	0	0	0	60.3	0	0	60.3	68.6	70	N	-	-	-	-	-	N		
R5413	20	77.3	D3-1c	-	-	-	67.8	0	0	0	60.1	0	0	60.1	68.5	70	N	-	-	-	-	-	N		
R5413	21	80.0	D3-1c	-	-	-	67.7	0	0	0	60	0	0	60	68.4	70	N	-	-	-	-	-	N		
R5413	22	82.7	D3-1c	-	-	-	67.6	0	0	0	59.9	0	0	59.9	68.3	70	N	-	-	-	-	-	N		
R5413	23	85.4	D3-1c	-	-	-	67.5	0	0	0	59.8	0	0	59.8	68.2	70	N	-	-	-	-	-	N		
R5413	24	88.1	D3-1c	-	-	-	67.5	0	0	0	59.7	0	0	59.7	68.1	70	N	-	-	-	-	-	N		
R5413	25	90.8	D3-1c	-	-	-	67.3	0	0	0	59.6	0	0	59.6	68	70	N	-	-	-	-	-	N		
R5413	26	93.5	D3-1c	-	-	-	67.2	0	0	0	59.5	0	0	59.5	67.9	70	N	-	-	-	-	-	N		
R5413	27	96.2	D3-1c	-	-	-	67.2	0	0	0	59.4	0	0	59.4	67.8	70	N	-	-	-	-	-	N		
R5413	28	98.9	D3-1c	-	-	-	67.1	0	0	0	59.3	0	0	59.3	67.8	70	N	-	-	-	-	-	N		
R5413	29	101.6	D3-1c	-	-	-	67	0	0	0	59.2	0	0	59.2	67.6	70	N	-	-	-	-	-	N		
R5413	30	104.3	D3-1c	-	-	-	66.9	0	0	0	59.1	0	0	59.1	67.6	70	N	-	-	-	-	-	N		
R5414	1	26.0	D3-1c	-	-	-	70.6	0	0	0	49.9	0	0	49.9	70.6	70	Y	-	-	-	-	-	Y		
R5414	2	28.7	D3-1c	-	-	-	70.5	0	0	0	50.2	0	0	50.2	70.5	70	Y	-	-	-	-	-	Y		
R5414	3	31.4	D3-1c	-	-	-	70.4	0	0	0	50.1	0	0	50.1	70.4	70	N	-	-	-	-	-	N		
R5414	4	34.1	D3-1c	-	-	-	70.3	0	0	0	50.2	0	0	50.2	70.3	70	N	-	-	-	-	-	N		
R5414	5	36.8	D3-1c	-	-	-	70.1	0	0	0	50.2	0	0	50.2	70.2	70	N	-	-	-	-	-	N		
R5414	6	39.5	D3-1c	-	-	-	70	0	0	0	50.3	0	0	50.3	70.1	70	N	-	-	-	-	-	N		
R5414	7	42.2	D3-1c	-	-	-	69.9	0	0	0	50.4	0	0	50.4	69.9	70	N	-	-	-	-	-	N		
R5414	8	44.9	D3-1c	-	-	-	69.7	0	0	0	50.5	0	0	50.5	69.8	70	N	-	-	-	-	-	N		
R5414	9	47.6	D3-1c	-	-	-	69.6	0	0	0	50.5	0	0	50.5	69.6	70	N	-	-	-	-	-	N		
R5414	10	50.3	D3-1c	-	-	-	69.4	0	0	0	50.6	0	0	50.6	69.5	70	N	-	-	-	-	-	N		
R5414	11	53.0	D3-1c	-	-	-	69.3	0	0	0	50.7	0	0	50.7	69.4	70	N	-	-	-	-	-	N		
R5414	12	55.7	D3-1c	-	-	-	69.2	0	0	0	51	0	0	51	69.2	70	N	-	-	-	-	-	N		
R5414	13	58.4	D3-1c	-	-	-	69	0	0	0	51.1	0	0	51.1	69.1	70	N	-	-	-	-	-	N		
R5414	14	61.1	D3-1c	-	-	-	68.9	0	0	0	51.3	0	0	51.3	69	70	N	-	-	-	-	-	N		
R5414	15	63.8	D3-1c	-	-	-	68.8	0	0	0	51.7	0	0	51.7	68.9	70	N	-	-	-	-	-	N		
R5414	16	66.5	D3-1c	-	-	-	68.7	0	0	0	51.8	0	0	51.8	68.8	70	N	-	-	-	-	-	N		
R5414	17	69.2	D3-1c	-	-	-	68.5	0	0	0	52.1	0	0	52.1	68.6	70	N	-	-	-	-	-	N		
R5414	18	71.9	D3-1c	-	-	-	68.4	0	0	0	52.2	0	0	52.2	68.5	70	N	-	-	-	-	-	N		
R5414	19	74.6	D3-1c	-	-	-	68.3	0	0	0	52.3	0	0	52.3	68.4	70	N	-	-	-	-	-	N		
R5414	20	77.3	D3-1c	-	-	-	68.2	0	0	0	52.3	0	0	52.3	68.3	70	N	-	-	-	-	-	N		
R5414	21	80.0	D3-1c	-	-	-	68.1	0	0	0	52.4	0	0	52.4	68.2	70	N	-	-	-	-	-	N		
R5414	22	82.7	D3-1c	-	-	-	68	0	0	0	52.3	0	0	52.3	68.1	70	N	-	-	-	-	-	N		
R5414	23	85.4	D3-1c	-	-	-	67.9	0	0	0	52.4	0	0	52.4	68	70	N	-	-	-	-	-	N		
R5414	24	88.1	D3-1c	-	-	-	67.7	0	0	0	52.4	0	0	52.4	67.9	70	N	-	-	-	-	-	N		
R5414	25	90.8	D3-1c	-	-	-	67.7	0	0																

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C - Criteria (Y/N)	Check Project Impact Significance C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]	at 2038 dB(A)	at 2038 dB(A) <sup>[1]</sup>	PD	DD	OTHER dB(A)	EX	TR	New Roads Contribution dB(A) [E]	E > 1dB(A)										
R5422	28	103.5	D3-3		-	-	0	0	59.1	47.3	65.7	0	0	66.6	66.6	70	N	-	-	-	-	-	N		
R5422	29	106.5	D3-3		-	-	0	0	59.3	47.4	65.6	0	0	66.6	66.6	70	N	-	-	-	-	-	N		
R5422	30	109.5	D3-3		-	-	0	0	59.5	47.4	65.5	0	0	66.5	66.5	70	N	-	-	-	-	-	N		
R5423	1	22.5	D3-3		-	-	23.7	0	50.2	20	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N		
R5423	2	25.5	D3-3		-	-	23.7	0	50.5	20	69.1	0	0	69.2	69.2	70	N	-	-	-	-	-	N		
R5423	3	28.5	D3-3		-	-	23.7	0	51	20	69.1	0	0	69.2	69.2	70	N	-	-	-	-	-	N		
R5423	4	31.5	D3-3		-	-	23.7	0	51.3	20	69	0	0	69.1	69.1	70	N	-	-	-	-	-	N		
R5423	5	34.5	D3-3		-	-	23.7	0	51.7	20	69	0	0	69	69	70	N	-	-	-	-	-	N		
R5423	6	37.5	D3-3		-	-	23.7	0	52	20	68.9	0	0	69	69	70	N	-	-	-	-	-	N		
R5423	7	40.5	D3-3		-	-	23.7	0	52.3	20	68.8	0	0	68.9	68.9	70	N	-	-	-	-	-	N		
R5423	8	43.5	D3-3		-	-	23.7	0	52.5	20	68.7	0	0	68.8	68.8	70	N	-	-	-	-	-	N		
R5423	9	46.5	D3-3		-	-	23.7	0	52.7	20	68.7	0	0	68.8	68.8	70	N	-	-	-	-	-	N		
R5423	10	49.5	D3-3		-	-	23.6	0	52.9	20.2	68.6	0	0	68.7	68.7	70	N	-	-	-	-	-	N		
R5423	11	52.5	D3-3		-	-	23.7	0	53.1	20.8	68.5	0	0	68.6	68.6	70	N	-	-	-	-	-	N		
R5423	12	55.5	D3-3		-	-	23.6	0	53.3	21.5	68.4	0	0	68.5	68.5	70	N	-	-	-	-	-	N		
R5423	13	58.5	D3-3		-	-	23.6	0	53.5	22.9	68.3	0	0	68.5	68.5	70	N	-	-	-	-	-	N		
R5423	14	61.5	D3-3		-	-	23.6	0	53.6	24.3	68.2	0	0	68.4	68.4	70	N	-	-	-	-	-	N		
R5423	15	64.5	D3-3		-	-	23.6	0	53.7	25.8	68.1	0	0	68.3	68.3	70	N	-	-	-	-	-	N		
R5423	16	67.5	D3-3		-	-	23.6	0	53.8	27.4	68	0	0	68.2	68.2	70	N	-	-	-	-	-	N		
R5423	17	70.5	D3-3		-	-	23.5	0	54	29.2	67.9	0	0	68.1	68.1	70	N	-	-	-	-	-	N		
R5423	18	73.5	D3-3		-	-	23.5	0	54	31.2	67.8	0	0	68	68	70	N	-	-	-	-	-	N		
R5423	19	76.5	D3-3		-	-	23.6	0	54.1	33.4	67.7	0	0	67.8	67.8	70	N	-	-	-	-	-	N		
R5423	20	79.5	D3-3		-	-	23.6	0	54.2	36.2	67.5	0	0	67.7	67.7	70	N	-	-	-	-	-	N		
R5423	21	82.5	D3-3		-	-	23.6	0	54.4	40	67.4	0	0	67.7	67.7	70	N	-	-	-	-	-	N		
R5423	22	85.5	D3-3		-	-	23.6	0	54.7	43.8	67.3	0	0	67.5	67.5	70	N	-	-	-	-	-	N		
R5423	23	88.5	D3-3		-	-	23.7	0	54.9	45.9	67.2	0	0	67.5	67.5	70	N	-	-	-	-	-	N		
R5423	24	91.5	D3-3		-	-	23.7	0	55.5	46.7	67.1	0	0	67.4	67.4	70	N	-	-	-	-	-	N		
R5423	25	94.5	D3-3		-	-	23.8	0	56.5	47.2	66.9	0	0	67.4	67.4	70	N	-	-	-	-	-	N		
R5423	26	97.5	D3-3		-	-	23.9	0	57.7	48.1	66.9	0	0	67.4	67.4	70	N	-	-	-	-	-	N		
R5423	27	100.5	D3-3		-	-	24	0	58.5	48.8	66.8	0	0	67.4	67.5	70	N	-	-	-	-	-	N		
R5423	28	103.5	D3-3		-	-	24.1	0	58.9	49.3	66.7	0	0	67.4	67.4	70	N	-	-	-	-	-	N		
R5423	29	106.5	D3-3		-	-	24.3	0	59.1	49.4	66.6	0	0	67.4	67.4	70	N	-	-	-	-	-	N		
R5423	30	109.5	D3-3		-	-	24.5	0	59.1	49.4	66.5	0	0	67.3	67.3	70	N	-	-	-	-	-	N		
R5424	1	22.5	D3-3		-	-	0	0	48.6	19.4	70.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y		
R5424	2	25.5	D3-3		-	-	0	0	48.9	19.4	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	N		
R5424	3	28.5	D3-3		-	-	0	0	49.4	19.4	70.2	0	0	70.3	70.3	70	N	-	-	-	-	-	N		
R5424	4	31.5	D3-3		-	-	0	0	49.8	19.4	70.1	0	0	70.2	70.2	70	N	-	-	-	-	-	N		
R5424	5	34.5	D3-3		-	-	0	0	50	19.4	70	0	0	70	70	70	N	-	-	-	-	-	N		
R5424	6	37.5	D3-3		-	-	0	0	50.4	19.4	69.9	0	0	69.9	69.9	70	N	-	-	-	-	-	N		
R5424	7	40.5	D3-3		-	-	0	0	50.7	19.3	69.7	0	0	69.8	69.8	70	N	-	-	-	-	-	N		
R5424	8	43.5	D3-3		-	-	0	0	51	19.3	69.6	0	0	69.6	69.6	70	N	-	-	-	-	-	N		
R5424	9	46.5	D3-3		-	-	0	0	51.2	19.3	69.4	0	0	69.5	69.5	70	N	-	-	-	-	-	N		
R5424	10	49.5	D3-3		-	-	0	0	51.4	19.3	69.3	0	0	69.3	69.3	70	N	-	-	-	-	-	N		
R5424	11	52.5	D3-3		-	-	0	0	51.7	19.8	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N		
R5424	12	55.5	D3-3		-	-	0	0	51.8	20.8	68.9	0	0	69	69	70	N	-	-	-	-	-	N		
R5424	13	58.5	D3-3		-	-	0	0	51.9	22.2	68.7	0	0	68.8	68.8	70	N	-	-	-	-	-	N		
R5424	14	61.5	D3-3		-	-	0	0	52.1	23.6	68.6	0	0	68.7	68.7	70	N	-	-	-	-	-	N		
R5424	15	64.5	D3-3		-	-	0	0	52.2	25.1	68.4	0	0	68.5	68.5	70	N	-	-	-	-	-	N		
R5424	16	67.5	D3-3																						

Assessment Point				Locations		WITHOUT PROJECT		EXISTING ROADS		OTHER ROADS		WITH PROJECT					NEW ROADS		OVERALL NOISE LEVEL		Noise Criteria	Exceedance C > Criteria	Check Project Impact	Significance	B > Criteria	Check Direct Mitigation		Mitigation Measures
						OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2038	at 2038	at 2038	PD	DD	OTHER	EX	TR	at 2038	at 2038	at 2038	at 2038	New Roads Contribution	E								
ID	Floor	Floor Level (mPD)				dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]			dB(A)	dB(A)	dB(A) [B]	dB(A) [C]												Required <sup>2-3)</sup> (Y/N)	
R5442	18	73.5	D3-4			-	-	38.9	0	51	17.9	66.8	0	0	0	66.9	66.9	70	66.9	70	N	-	-	-	-	-	N	
R5442	19	76.5	D3-4			-	-	38.9	0	51.3	18.9	66.7	0	0	0	66.8	66.8	70	66.8	70	N	-	-	-	-	-	N	
R5442	20	79.5	D3-4			-	-	38.8	0	51.5	19.9	66.5	0	0	0	66.7	66.7	70	66.7	70	N	-	-	-	-	-	N	
R5442	21	82.5	D3-4			-	-	38.8	0	51.7	20.8	66.4	0	0	0	66.5	66.5	70	66.5	70	N	-	-	-	-	-	N	
R5442	22	85.5	D3-4			-	-	38.8	0	51.8	21.8	66.3	0	0	0	66.4	66.4	70	66.4	70	N	-	-	-	-	-	N	
R5442	23	88.5	D3-4			-	-	38.8	0	52	22.8	66.1	0	0	0	66.3	66.3	70	66.3	70	N	-	-	-	-	-	N	
R5442	24	91.5	D3-4			-	-	38.8	0	52.1	23.7	66.1	0	0	0	66.2	66.2	70	66.2	70	N	-	-	-	-	-	N	
R5442	25	94.5	D3-4			-	-	38.7	0	52.3	24.7	65.9	0	0	0	66.1	66.1	70	66.1	70	N	-	-	-	-	-	N	
R5442	26	97.5	D3-4			-	-	38.7	0	52.5	25.7	65.8	0	0	0	66	66	70	66	70	N	-	-	-	-	-	N	
R5442	27	100.5	D3-4			-	-	38.8	0	52.9	26.8	65.7	0	0	0	65.9	65.9	70	65.9	70	N	-	-	-	-	-	N	
R5442	28	103.5	D3-4			-	-	38.7	0	53.6	27.8	65.6	0	0	0	65.9	65.9	70	65.9	70	N	-	-	-	-	-	N	
R5442	29	106.5	D3-4			-	-	38.7	0	54.5	28.9	65.5	0	0	0	65.8	65.8	70	65.8	70	N	-	-	-	-	-	N	
R5442	30	109.5	D3-4			-	-	38.7	0	55.5	30.3	65.4	0	0	0	65.8	65.8	70	65.8	70	N	-	-	-	-	-	N	
R5443	1	22.5	D3-4			-	-	0	0	40.1	11.7	67.5	0	0	0	67.5	67.5	70	67.5	70	N	-	-	-	-	-	N	
R5443	2	25.5	D3-4			-	-	0	0	40.8	11.7	67.6	0	0	0	67.6	67.6	70	67.6	70	N	-	-	-	-	-	N	
R5443	3	28.5	D3-4			-	-	0	0	41.4	11.7	67.6	0	0	0	67.6	67.6	70	67.6	70	N	-	-	-	-	-	N	
R5443	4	31.5	D3-4			-	-	0	0	42.1	11.7	67.5	0	0	0	67.5	67.5	70	67.5	70	N	-	-	-	-	-	N	
R5443	5	34.5	D3-4			-	-	0	0	43.1	11.7	67.5	0	0	0	67.5	67.5	70	67.5	70	N	-	-	-	-	-	N	
R5443	6	37.5	D3-4			-	-	0	0	44.2	11.7	67.5	0	0	0	67.5	67.5	70	67.5	70	N	-	-	-	-	-	N	
R5443	7	40.5	D3-4			-	-	0	0	45.6	11.7	67.5	0	0	0	67.5	67.5	70	67.5	70	N	-	-	-	-	-	N	
R5443	8	43.5	D3-4			-	-	0	0	47.3	12	67.4	0	0	0	67.5	67.5	70	67.5	70	N	-	-	-	-	-	N	
R5443	9	46.5	D3-4			-	-	0	0	49	12.1	67.4	0	0	0	67.4	67.4	70	67.4	70	N	-	-	-	-	-	N	
R5443	10	49.5	D3-4			-	-	0	0	50.3	12.1	67.3	0	0	0	67.4	67.4	70	67.4	70	N	-	-	-	-	-	N	
R5443	11	52.5	D3-4			-	-	0	0	51.4	12.2	67.2	0	0	0	67.3	67.3	70	67.3	70	N	-	-	-	-	-	N	
R5443	12	55.5	D3-4			-	-	0	0	52.1	12.2	67.1	0	0	0	67.2	67.2	70	67.2	70	N	-	-	-	-	-	N	
R5443	13	58.5	D3-4			-	-	0	0	52.7	12.1	67	0	0	0	67.1	67.1	70	67.1	70	N	-	-	-	-	-	N	
R5443	14	61.5	D3-4			-	-	0	0	53.1	12.1	66.9	0	0	0	67	67	70	67	70	N	-	-	-	-	-	N	
R5443	15	64.5	D3-4			-	-	0	0	53.6	12.1	66.8	0	0	0	67	67	70	67	70	N	-	-	-	-	-	N	
R5443	16	67.5	D3-4			-	-	0	0	54	12.1	66.6	0	0	0	66.9	66.9	70	66.9	70	N	-	-	-	-	-	N	
R5443	17	70.5	D3-4			-	-	0	0	54.3	12.1	66.5	0	0	0	66.8	66.8	70	66.8	70	N	-	-	-	-	-	N	
R5443	18	73.5	D3-4			-	-	0	0	54.5	12.1	66.4	0	0	0	66.7	66.7	70	66.7	70	N	-	-	-	-	-	N	
R5443	19	76.5	D3-4			-	-	0	0	54.7	12.1	66.3	0	0	0	66.6	66.6	70	66.6	70	N	-	-	-	-	-	N	
R5443	20	79.5	D3-4			-	-	0	0	54.8	12.1	66.2	0	0	0	66.5	66.5	70	66.5	70	N	-	-	-	-	-	N	
R5443	21	82.5	D3-4			-	-	0	0	54.8	12.1	66.1	0	0	0	66.4	66.4	70	66.4	70	N	-	-	-	-	-	N	
R5443	22	85.5	D3-4			-	-	0	0	54.9	12	66	0	0	0	66.3	66.3	70	66.3	70	N	-	-	-	-	-	N	
R5443	23	88.5	D3-4			-	-	0	0	55	12	65.9	0	0	0	66.2	66.2	70	66.2	70	N	-	-	-	-	-	N	
R5443	24	91.5	D3-4			-	-	0	0	55	11.9	65.8	0	0	0	66.1	66.1	70	66.1	70	N	-	-	-	-	-	N	
R5443	25	94.5	D3-4			-	-	0	0	55	12.8	65.6	0	0	0	66	66	70	66	70	N	-	-	-	-	-	N	
R5443	26	97.5	D3-4			-	-	0	0	55	13.8	65.5	0	0	0	65.9	65.9	70	65.9	70	N	-	-	-	-	-	N	
R5443	27	100.5	D3-4			-	-	0	0	55.1	14.9	65.4	0	0	0	65.8	65.8	70	65.8	70	N	-	-	-	-	-	N	
R5443	28	103.5	D3-4			-	-	0	0	55.1	15.9	65.3	0	0	0	65.7	65.7	70	65.7	70	N	-	-	-	-	-		

Locations				WITHOUT PROJECT		WITH PROJECT										Noise Criteria	Exceedance C > Criteria (Y/N)	Check Project Impact Significance C - A dB(A) [D]	Check Direct Mitigation New Roads Contribution dB(A) [E]	Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	PD	DD	OTHER dB(A)	EX	TR	NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]						
ID	Assessment Point Floor	Floor Level (mPD)																		
R5462	8	35.0	D3-6	-	-	51.7	0	0	5.5	68.9	0	0	68.9	68.9	70	N	-			
R5462	9	38.0	D3-6	-	-	52.1	0	0	5.5	68.6	0	0	68.6	68.7	70	N	-			
R5462	10	41.0	D3-6	-	-	52.5	0	0	5.5	68.3	0	0	68.3	68.5	70	N	-			
R5462	11	44.0	D3-6	-	-	52.7	0	0	5.5	68.1	0	0	68.1	68.2	70	N	-			
R5462	12	47.0	D3-6	-	-	53	0	0	5.4	67.8	0	0	67.8	68	70	N	-			
R5462	13	50.0	D3-6	-	-	53.2	0	0	5.4	67.6	0	0	67.6	67.8	70	N	-			
R5462	14	53.0	D3-6	-	-	53.5	0	0	5.4	67.4	0	0	67.4	67.6	70	N	-			
R5462	15	56.0	D3-6	-	-	53.7	0	0	5.4	67.2	0	0	67.2	67.4	70	N	-			
R5462	16	59.0	D3-6	-	-	53.9	0	0	5.4	67	0	0	67	67.2	70	N	-			
R5462	17	62.0	D3-6	-	-	54.2	0	0	5.4	66.8	0	0	66.8	67.1	70	N	-			
R5462	18	65.0	D3-6	-	-	54.4	0	0	5.4	66.7	0	0	66.7	66.9	70	N	-			
R5462	19	68.0	D3-6	-	-	54.6	0	0	5.4	66.4	0	0	66.4	66.7	70	N	-			
R5462	20	71.0	D3-6	-	-	54.8	0	0	5.4	66.3	0	0	66.3	66.6	70	N	-			
R5462	21	74.0	D3-6	-	-	54.9	0	0	5.3	66.1	0	0	66.1	66.4	70	N	-			
R5462	22	77.0	D3-6	-	-	55.1	0	0	5.3	66	0	0	66	66.3	70	N	-			
R5462	23	80.0	D3-6	-	-	55.3	0	0	5.3	65.8	0	0	65.8	66.2	70	N	-			
R5462	24	83.0	D3-6	-	-	55.5	0	0	5.3	65.7	0	0	65.7	66.1	70	N	-			
R5462	25	86.0	D3-6	-	-	55.6	0	0	5.3	65.5	0	0	65.5	66	70	N	-			
R5462	26	89.0	D3-6	-	-	55.8	0	0	5.3	65.4	0	0	65.4	65.8	70	N	-			
R5462	27	92.0	D3-6	-	-	55.9	0	0	5.2	65.2	0	0	65.2	65.7	70	N	-			
R5462	28	95.0	D3-6	-	-	56.1	0	0	5.2	65.1	0	0	65.1	65.6	70	N	-			
R5462	29	98.0	D3-6	-	-	56.2	0	0	5.2	65	0	0	65	65.6	70	N	-			
R5462	30	101.0	D3-6	-	-	56.5	0	0	5.2	64.9	0	0	64.9	65.5	70	N	-			
R5463	1	14.0	D3-6	-	-	57.2	0	0	5.7	71.4	0	0	71.4	71.5	70	Y	-			
R5463	2	17.0	D3-6	-	-	57.9	0	0	5.7	71.3	0	0	71.3	71.5	70	Y	-			
R5463	3	20.0	D3-6	-	-	58.4	0	0	5.7	71.1	0	0	71.1	71.3	70	Y	-			
R5463	4	23.0	D3-6	-	-	58.6	0	0	5.7	70.8	0	0	70.8	71.1	70	Y	-			
R5463	5	26.0	D3-6	-	-	58.8	0	0	5.7	70.5	0	0	70.5	70.8	70	Y	-			
R5463	6	29.0	D3-6	-	-	58.9	0	0	5.7	70.2	0	0	70.2	70.5	70	Y	-			
R5463	7	32.0	D3-6	-	-	59	0	0	5.7	69.9	0	0	69.9	70.3	70	N	-			
R5463	8	35.0	D3-6	-	-	59.1	0	0	5.7	69.7	0	0	69.7	70	70	N	-			
R5463	9	38.0	D3-6	-	-	59.2	0	0	5.7	69.4	0	0	69.4	69.8	70	N	-			
R5463	10	41.0	D3-6	-	-	59.3	0	0	5.7	69.1	0	0	69.1	69.5	70	N	-			
R5463	11	44.0	D3-6	-	-	59.3	0	0	5.7	68.8	0	0	68.8	69.3	70	N	-			
R5463	12	47.0	D3-6	-	-	59.4	0	0	5.7	68.6	0	0	68.6	69.1	70	N	-			
R5463	13	50.0	D3-6	-	-	59.4	0	0	5.6	68.3	0	0	68.3	68.9	70	N	-			
R5463	14	53.0	D3-6	-	-	59.4	0	0	5.6	68.1	0	0	68.1	68.6	70	N	-			
R5463	15	56.0	D3-6	-	-	59.5	0	0	5.6	67.9	0	0	67.9	68.5	70	N	-			
R5463	16	59.0	D3-6	-	-	59.5	0	0	5.6	67.6	0	0	67.6	68.3	70	N	-			
R5463	17	62.0	D3-6	-	-	59.5	0	0	5.6	67.5	0	0	67.5	68.1	70	N	-			
R5463	18	65.0	D3-6	-	-	59.5	0	0	5.6	67.2	0	0	67.2	67.9	70	N	-			
R5463	19	68.0	D3-6	-	-	59.5	0	0	5.6	67	0	0	67	67.7	70	N	-			
R5463	20	71.0	D3-6	-	-	59.5	0	0	5.6	66.8	0	0	66.8	67.6	70	N	-			
R5463	21	74.0	D3-6	-	-	59.5	0	0	5.6	66.6	0	0	66.6	67.4	70	N	-			
R5463	22	77.0	D3-6	-	-	59.5	0	0	5.5	66.5	0	0	66.5	67.3	70	N	-			
R5463	23	80.0	D3-6	-	-	59.5	0	0	5.5	66.3	0	0	66.3	67.2	70	N	-			
R5463	24	83.0	D3-6	-	-	59.5	0	0	5.5	66.1	0	0	66.1	67	70	N	-			
R5463	25	86.0	D3-6	-	-	59.5	0	0	5.5	66	0	0	66	66.9	70	N	-			
R5463	26	89.0	D3-6	-	-	59.5	0	0	5.5	65.8	0	0	65.8	66.7	70	N	-			
R5463	27	92.0	D3-6	-	-	59.5	0	0	5.5	65.7	0	0	65.7	66.6	70	N	-			
R5463	28	95.0	D3-6	-	-	59.5	0	0	5.5	65.6	0	0	65.6	66.5	70	N	-			
R5463	29	98.0	D3-6	-	-	59.4	0	0	5.4	65.4	0	0	65.4	66.4	70	N	-			
R5463	30	101.0	D3-6	-	-	59.5	0	0	5.4	65.3	0	0	65.3	66.3	70	N	-			
R5464	1	14.0	D3-6	-	-	51.8	0	0	22.5	73.4	0	0	73.4	73.4	70	Y	-			
R5464	2	17.0	D3-6	-	-	52.4	0	0	22.5	73.1	0	0	73.1	73.2	70	Y	-			
R5464	3	20.0	D3-6	-	-	52.8	0	0	22.5	72.8	0	0	72.8	72.8	70	Y	-			
R5464	4	23.0	D3-6	-	-	53	0	0	22.5	72.4	0	0	72.4	72.5	70	Y	-			
R5464	5	26.0	D3-6	-	-	53.1	0	0	22.5	72.1	0	0	72.1	72.1	70	Y	-			
R5464	6	29.0	D3-6	-	-	53.2	0	0	22.5	71.7	0	0	71.7	71.8	70	Y	-			
R5464	7	32.0	D3-6	-	-	53.3	0	0												

Assessment Point				Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
					OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5465	28	104.0	D3-6		-	-	25.8	0	0	46.5	66.2	0	0	66.3	66.3	70	N	-	-	-	-	N	
R5465	29	107.0	D3-6		-	-	26	0	0	47.5	66.1	0	0	66.2	66.2	70	N	-	-	-	-	N	
R5465	30	110.0	D3-6		-	-	26.4	0	0	48.1	66	0	0	66.1	66.1	70	N	-	-	-	-	N	
R5481	1	23.0	D3-7		-	-	59.5	0	48.1	11.2	68.2	0	0	68.2	68.8	70	N	-	-	-	-	N	
R5481	2	26.0	D3-7		-	-	59.6	0	48.2	11.3	68.2	0	0	68.2	68.8	70	N	-	-	-	-	N	
R5481	3	29.0	D3-7		-	-	59.6	0	48.3	11.2	68.1	0	0	68.1	68.7	70	N	-	-	-	-	N	
R5481	4	32.0	D3-7		-	-	59.7	0	48.4	11.1	68.1	0	0	68.1	68.7	70	N	-	-	-	-	N	
R5481	5	35.0	D3-7		-	-	59.7	0	48.6	11.2	68	0	0	68	68.6	70	N	-	-	-	-	N	
R5481	6	38.0	D3-7		-	-	59.7	0	48.7	11.1	67.9	0	0	68	68.6	70	N	-	-	-	-	N	
R5481	7	41.0	D3-7		-	-	59.7	0	48.9	11	67.8	0	0	67.9	68.5	70	N	-	-	-	-	N	
R5481	8	44.0	D3-7		-	-	59.6	0	49.1	10.9	67.8	0	0	67.8	68.4	70	N	-	-	-	-	N	
R5481	9	47.0	D3-7		-	-	59.6	0	49.3	10.8	67.7	0	0	67.7	68.4	70	N	-	-	-	-	N	
R5481	10	50.0	D3-7		-	-	59.6	0	49.5	10.7	67.6	0	0	67.6	68.3	70	N	-	-	-	-	N	
R5481	11	53.0	D3-7		-	-	59.5	0	49.6	10.5	67.5	0	0	67.6	68.2	70	N	-	-	-	-	N	
R5481	12	56.0	D3-7		-	-	59.5	0	49.8	10.4	67.4	0	0	67.5	68.1	70	N	-	-	-	-	N	
R5481	13	59.0	D3-7		-	-	59.5	0	50.1	10.6	67.3	0	0	67.4	68	70	N	-	-	-	-	N	
R5481	14	62.0	D3-7		-	-	59.4	0	50.3	12	67.2	0	0	67.3	67.9	70	N	-	-	-	-	N	
R5481	15	65.0	D3-7		-	-	59.4	0	50.7	13.7	67.1	0	0	67.2	67.9	70	N	-	-	-	-	N	
R5481	16	68.0	D3-7		-	-	59.3	0	51	15.5	67	0	0	67.1	67.8	70	N	-	-	-	-	N	
R5481	17	71.0	D3-7		-	-	59.3	0	51.4	17.3	66.9	0	0	67	67.7	70	N	-	-	-	-	N	
R5481	18	74.0	D3-7		-	-	59.2	0	51.7	19.1	66.8	0	0	66.9	67.6	70	N	-	-	-	-	N	
R5481	19	77.0	D3-7		-	-	59.2	0	51.9	21.1	66.7	0	0	66.9	67.5	70	N	-	-	-	-	N	
R5481	20	80.0	D3-7		-	-	59.1	0	52	23	66.6	0	0	66.8	67.5	70	N	-	-	-	-	N	
R5481	21	83.0	D3-7		-	-	59.1	0	52.2	24.9	66.5	0	0	66.7	67.4	70	N	-	-	-	-	N	
R5481	22	86.0	D3-7		-	-	59.1	0	52.3	27	66.4	0	0	66.6	67.3	70	N	-	-	-	-	N	
R5481	23	89.0	D3-7		-	-	59	0	52.4	29.1	66.3	0	0	66.5	67.2	70	N	-	-	-	-	N	
R5481	24	92.0	D3-7		-	-	59	0	52.4	31.8	66.2	0	0	66.4	67.1	70	N	-	-	-	-	N	
R5481	25	95.0	D3-7		-	-	58.9	0	52.5	34.3	66.1	0	0	66.3	67	70	N	-	-	-	-	N	
R5481	26	98.0	D3-7		-	-	58.9	0	52.6	36.5	66	0	0	66.2	67	70	N	-	-	-	-	N	
R5481	27	101.0	D3-7		-	-	58.8	0	52.7	37.2	65.9	0	0	66.1	66.9	70	N	-	-	-	-	N	
R5481	28	104.0	D3-7		-	-	58.8	0	52.7	37.6	65.8	0	0	66	66.8	70	N	-	-	-	-	N	
R5481	29	107.0	D3-7		-	-	58.8	0	52.8	37.7	65.7	0	0	66	66.7	70	N	-	-	-	-	N	
R5481	30	110.0	D3-7		-	-	58.7	0	52.8	37.7	65.7	0	0	65.9	66.6	70	N	-	-	-	-	N	
R5482	1	23.0	D3-7		-	-	57	0	20.1	13.3	67.4	0	0	67.4	67.7	70	N	-	-	-	-	N	
R5482	2	26.0	D3-7		-	-	57.1	0	20.1	13.5	67.1	0	0	67.1	67.5	70	N	-	-	-	-	N	
R5482	3	29.0	D3-7		-	-	57.1	0	20	13.8	67	0	0	67	67.4	70	N	-	-	-	-	N	
R5482	4	32.0	D3-7		-	-	57.2	0	20.1	14.1	66.7	0	0	66.7	67.2	70	N	-	-	-	-	N	
R5482	5	35.0	D3-7		-	-	57.3	0	20.1	14.4	66.5	0	0	66.5	67	70	N	-	-	-	-	N	
R5482	6	38.0	D3-7		-	-	57.3	0	20.2	14.6	66.3	0	0	66.3	66.9	70	N	-	-	-	-	N	
R5482	7	41.0	D3-7		-	-	57.4	0	20.3	14.9	66.2	0	0	66.2	66.7	70	N	-	-	-	-	N	
R5482	8	44.0	D3-7		-	-	57.5	0	20.4	15.3	66	0	0	66	66.6	70	N	-	-	-	-	N	
R5482	9	47.0	D3-7		-	-	57.7	0	20.5	15.5	65.8	0	0	65.8	66.4	70	N	-	-	-	-	N	
R5482	10	50.0	D3-7		-	-	58	0	20.6	15.9	65.6	0	0	65.6	66.3	70	N	-	-	-	-	N	
R5482	11	53.0	D3-7		-	-	58.6	0	20.8	16.4	65.5	0	0	65.5	66.3	70	N	-	-	-	-	N	
R5482	12	56.0	D3-7		-	-	59.6	0	20.9	16.7	65.4	0	0	65.4	66.4	70	N	-	-	-	-	N	
R5482	13	59.0	D3-7		-	-	60.1	0	20.9	17.1	65.2	0	0	65.2	66.4	70	N	-	-	-	-	N	
R5482	14	62.0	D3-7		-	-	60.5	0	21.1	17.5	65.1	0	0	65.1	66.4	70	N	-	-	-	-	N	
R5482	15	65.0	D3-7		-	-	60.8	0	21.2	18	65	0	0	65	66.4	70	N	-	-	-	-	N	
R5482	16	68.0	D3-7		-	-	61.1	0	21.3	18.3	64.8	0	0	64.8	66.4	70	N	-	-	-	-	N	
R5482	17	71.0	D3-7		-	-	61.4	0	21.5</														

Assessment Point			Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R5543	2	13.2	D3-12	-	-	67	0	23	10.4	59.5	0	0	59.5	67.7	65	Y	-	-	-	-	Y	
R5543	3	15.9	D3-12	-	-	67.8	0	23	10.3	59.5	0	0	59.5	68.4	65	Y	-	-	-	-	Y	
R5543	4	18.6	D3-12	-	-	68.2	0	23	10.3	59.4	0	0	59.4	68.8	65	Y	-	-	-	-	Y	
R5543	5	21.3	D3-12	-	-	68.4	0	23	10.3	59.4	0	0	59.4	68.9	65	Y	-	-	-	-	Y	
R5543	6	24.0	D3-12	-	-	68.5	0	23	10.3	59.4	0	0	59.4	69	65	Y	-	-	-	-	Y	
R5543	7	26.7	D3-12	-	-	68.5	0	23	10.3	59.4	0	0	59.4	69	65	Y	-	-	-	-	Y	
R5543	8	29.4	D3-12	-	-	68.4	0	23	10.3	59.3	0	0	59.4	68.9	65	Y	-	-	-	-	Y	
R5544	1	10.5	D3-12	-	-	52.4	0	0	13.7	65.9	0	0	65.9	66.1	65	Y	-	-	-	-	Y	
R5544	2	13.2	D3-12	-	-	53.7	0	0	13.7	65.9	0	0	65.9	66.1	65	Y	-	-	-	-	Y	
R5544	3	15.9	D3-12	-	-	54.7	0	0	13.7	65.7	0	0	65.7	66	65	Y	-	-	-	-	Y	
R5544	4	18.6	D3-12	-	-	55.3	0	0	13.7	65.6	0	0	65.6	65.9	65	Y	-	-	-	-	Y	
R5544	5	21.3	D3-12	-	-	55.7	0	0	13.7	65.4	0	0	65.4	65.8	65	Y	-	-	-	-	Y	
R5544	6	24.0	D3-12	-	-	56	0	0	13.7	65.1	0	0	65.1	65.6	65	Y	-	-	-	-	Y	
R5544	7	26.7	D3-12	-	-	56.1	0	0	13.7	64.9	0	0	64.9	65.4	65	N	-	-	-	-	N	
R5544	8	29.4	D3-12	-	-	56.3	0	0	13.7	64.7	0	0	64.7	65.3	65	N	-	-	-	-	N	
R5836	1	12.8	Pui Ling School	76.7	76.8	75.3	0	15.7	0	0	0	0	15.7	75.3	65	Y	-1.5	N	N	0.0	N	
R5836	2	16.8	Pui Ling School	76.7	76.8	75.2	0	15.7	0	0	0	0	15.7	75.2	65	Y	-1.6	N	N	0.0	N	
R5836	3	20.8	Pui Ling School	76.6	76.7	75.2	0	15.7	0	0	0	0	15.7	75.2	65	Y	-1.5	N	N	0.0	N	
R6321	1	31.4	Regentville	76.9	77	76.8	0	55	45.6	0	0	0	55.4	76.8	70	Y	-0.2	N	N	0.0	N	
R6321	2	34.4	Regentville	76.8	76.9	76.7	0	56.7	46.1	0	0	0	57	76.7	70	Y	-0.2	N	N	0.0	N	
R6321	3	37.4	Regentville	76.7	76.8	76.6	0	57.6	46.1	0	0	0	57.9	76.7	70	Y	-0.1	N	N	0.1	N	
R6321	4	40.4	Regentville	76.6	76.7	76.5	0	58.3	46.1	0	0	0	58.5	76.6	70	Y	-0.1	N	N	0.1	N	
R6321	5	43.4	Regentville	76.5	76.6	76.4	0	58.6	46.1	0	0	0	58.8	76.4	70	Y	-0.2	N	N	0.0	N	
R6321	6	46.4	Regentville	76.3	76.3	76.1	0	58.7	46.1	0	0	0	58.9	76.2	70	Y	-0.1	N	N	0.1	N	
R6321	7	49.4	Regentville	76.1	76.2	76	0	58.8	46.1	0	0	0	59	76	70	Y	-0.2	N	N	0.0	N	
R6321	8	52.4	Regentville	75.9	76	75.8	0	58.8	46.1	0	0	0	59	75.9	70	Y	-0.1	N	N	0.1	N	
R6321	9	55.4	Regentville	75.7	75.8	75.6	0	58.8	46.1	0	0	0	59	75.7	70	Y	-0.1	N	N	0.1	N	
R6321	10	58.4	Regentville	75.6	75.7	75.4	0	58.8	46.1	0	0	0	59	75.5	70	Y	-0.2	N	N	0.1	N	
R6321	11	61.4	Regentville	75.4	75.5	75.2	0	58.8	46	0	0	0	59	75.3	70	Y	-0.2	N	N	0.1	N	
R6321	12	64.4	Regentville	75.2	75.3	75.1	0	58.8	46	0	0	0	59	75.2	70	Y	-0.1	N	N	0.1	N	
R6321	13	67.4	Regentville	75.1	75.2	74.9	0	58.8	46	0	0	0	59	75	70	Y	-0.2	N	N	0.1	N	
R6321	14	70.4	Regentville	74.9	75	74.8	0	58.7	46	0	0	0	59	74.9	70	Y	-0.1	N	N	0.1	N	
R6321	15	73.4	Regentville	74.7	74.8	74.6	0	58.7	46	0	0	0	58.9	74.7	70	Y	-0.1	N	N	0.1	N	
R6321	16	76.4	Regentville	74.6	74.7	74.4	0	58.7	45.9	0	0	0	58.9	74.5	70	Y	-0.2	N	N	0.1	N	
R6321	17	79.4	Regentville	74.4	74.5	74.3	0	58.7	45.9	0	0	0	58.9	74.4	70	Y	-0.1	N	N	0.1	N	
R6321	18	82.4	Regentville	74.3	74.4	74.1	0	58.6	45.9	0	0	0	58.9	74.2	70	Y	-0.2	N	N	0.1	N	
R6321	19	85.4	Regentville	74.1	74.2	74	0	58.6	46	0	0	0	58.8	74.1	70	Y	-0.1	N	N	0.1	N	
R6321	20	88.4	Regentville	74	74.1	73.8	0	58.6	46	0	0	0	58.8	73.9	70	Y	-0.2	N	N	0.1	N	
R6321	21	91.4	Regentville	73.9	74	73.7	0	58.6	45.9	0	0	0	58.8	73.8	70	Y	-0.2	N	N	0.1	N	
R6321	22	94.4	Regentville	73.7	73.8	73.5	0	58.5	45.9	0	0	0	58.8	73.7	70	Y	-0.1	N	N	0.2	N	
R6321	23	97.4	Regentville	73.6	73.7	73.4	0	58.5	45.9	0	0	0	58.7	73.6	70	Y	-0.1	N	N	0.2	N	
R6321	24	100.4	Regentville	73.5	73.6	73.3	0	58.5	45.9	0	0	0	58.7	73.5	70	Y	-0.1	N	N	0.2	N	
R6321	25	103.4	Regentville	73.4	73.4	73.2	0	58.4	45.9	0	0	0	58.7	73.3	70	Y	-0.1	N	N	0.1	N	
R6321	26	106.4	Regentville	73.3	73.3	73.1	0	58.4	45.9	0	0	0	58.6	73.2	70	Y	-0.1	N	N	0.1	N	
R6321	27	109.4	Regentville	73.1	73.2	72.9	0	58.4	46	0	0	0	58.6	73.1	70	Y	-0.1	N	N	0.2	N	
R6321	28	112.4	Regentville	73	73.1	72.8	0	58.3	45.9	0	0	0	58.6	73	70	Y	-0.1	N	N	0.2	N	
R6321	29	115.4	Regentville	72.9	73	72.7	0	58.3	46	0	0	0	58.5	72.8	70	Y	-0.2	N	N	0.1	N	
R6321	30	118.4	Regentville	72.8	72.9	72.6	0	58.3	46	0	0	0	58.5	72.7	70	Y	-0.2	N	N</			

Assessment Point			Locations	WITHOUT PROJECT		EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	WITH PROJECT					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact C - A dB(A) [D]	Significance D > 1dB(A)	B > Criteria	Check Direct Mitigation		Mitigation Measures Required <sup>[2-3]</sup> (Y/N)
				OVERALL NOISE LEVEL at 2016 dB(A) [A]	OVERALL NOISE LEVEL at 2038 dB(A) [A]			PD	DD	OTHER dB(A)	EX	TR								New Roads Contribution dB(A) [E]	E > 1dB(A)	
R6324	3	37.4	Regentville	74.8	75.1	74.7	0	48.8	0	0	0	0	48.8	74.7	70	Y	-0.4	N	N	0.0	N	N
R6324	4	40.4	Regentville	74.9	75.3	74.9	0	49.1	0	0	0	0	49.1	74.9	70	Y	-0.4	N	N	0.0	N	N
R6324	5	43.4	Regentville	75.2	75.6	75.3	0	49.4	0	0	0	0	49.4	75.3	70	Y	-0.3	N	N	0.0	N	N
R6324	6	46.4	Regentville	75.3	75.7	75.4	0	49.8	0	0	0	0	49.8	75.5	70	Y	-0.2	N	N	0.1	N	N
R6324	7	49.4	Regentville	75.2	75.6	75.4	0	50.2	0	0	0	0	50.2	75.4	70	Y	-0.2	N	N	0.0	N	N
R6324	8	52.4	Regentville	75.1	75.6	75.3	0	50.5	0	0	0	0	50.5	75.3	70	Y	-0.3	N	N	0.0	N	N
R6324	9	55.4	Regentville	74.9	75.4	75.1	0	50.7	0	0	0	0	50.7	75.1	70	Y	-0.3	N	N	0.0	N	N
R6324	10	58.4	Regentville	74.8	75.2	75	0	51	0	0	0	0	51	75	70	Y	-0.2	N	N	0.0	N	N
R6324	11	61.4	Regentville	74.6	75.1	74.8	0	51.2	0	0	0	0	51.2	74.9	70	Y	-0.2	N	N	0.1	N	N
R6324	12	64.4	Regentville	74.5	74.9	74.7	0	51.4	0	0	0	0	51.4	74.7	70	Y	-0.2	N	N	0.0	N	N
R6324	13	67.4	Regentville	74.3	74.7	74.5	0	51.6	0	0	0	0	51.6	74.5	70	Y	-0.2	N	N	0.0	N	N
R6324	14	70.4	Regentville	74.1	74.6	74.3	0	51.8	0	0	0	0	51.8	74.3	70	Y	-0.3	N	N	0.0	N	N
R6324	15	73.4	Regentville	74	74.4	74.2	0	51.9	0	0	0	0	51.9	74.2	70	Y	-0.2	N	N	0.0	N	N
R6324	16	76.4	Regentville	73.8	74.3	74	0	52	0	0	0	0	52	74	70	Y	-0.3	N	N	0.0	N	N
R6324	17	79.4	Regentville	73.7	74.1	73.8	0	52.1	0	0	0	0	52.1	73.9	70	Y	-0.2	N	N	0.1	N	N
R6324	18	82.4	Regentville	73.6	74	73.7	0	52.2	0	0	0	0	52.2	73.7	70	Y	-0.3	N	N	0.0	N	N
R6324	19	85.4	Regentville	73.4	73.8	73.6	0	52.3	0	0	0	0	52.3	73.6	70	Y	-0.2	N	N	0.0	N	N
R6324	20	88.4	Regentville	73.3	73.7	73.4	0	52.4	0	0	0	0	52.4	73.5	70	Y	-0.2	N	N	0.1	N	N
R6324	21	91.4	Regentville	73.1	73.6	73.3	0	52.5	0	0	0	0	52.5	73.3	70	Y	-0.3	N	N	0.0	N	N
R6324	22	94.4	Regentville	73	73.4	73.2	0	52.5	0	0	0	0	52.5	73.2	70	Y	-0.2	N	N	0.0	N	N
R6324	23	97.4	Regentville	72.9	73.3	73	0	52.6	0	0	0	0	52.6	73	70	Y	-0.3	N	N	0.0	N	N
R6324	24	100.4	Regentville	72.8	73.2	72.9	0	52.6	0	0	0	0	52.6	72.9	70	Y	-0.3	N	N	0.0	N	N
R6324	25	103.4	Regentville	72.6	73.1	72.8	0	52.7	0	0	0	0	52.7	72.8	70	Y	-0.3	N	N	0.0	N	N
R6324	26	106.4	Regentville	72.5	72.9	72.7	0	52.7	0	0	0	0	52.7	72.7	70	Y	-0.2	N	N	0.0	N	N
R6324	27	109.4	Regentville	72.4	72.8	72.5	0	52.7	0	0	0	0	52.7	72.6	70	Y	-0.2	N	N	0.1	N	N
R6324	28	112.4	Regentville	72.3	72.7	72.4	0	52.8	0	0	0	0	52.8	72.5	70	Y	-0.2	N	N	0.1	N	N
R6324	29	115.4	Regentville	72.2	72.6	72.3	0	52.8	0	0	0	0	52.8	72.3	70	Y	-0.3	N	N	0.0	N	N
R6324	30	118.4	Regentville	72.1	72.5	72.2	0	52.7	0	0	0	0	52.7	72.2	70	Y	-0.3	N	N	0.0	N	N
R6325	1	31.4	Regentville	76.6	77.3	77.6	0	43.2	0	0	0	0	43.2	77.6	70	Y	0.3	N	N	0.0	N	N
R6325	2	34.4	Regentville	76.2	77	77.2	0	43.3	0	0	0	0	43.3	77.2	70	Y	0.2	N	N	0.0	N	N
R6325	3	37.4	Regentville	75.9	76.6	76.9	0	43.4	0	0	0	0	43.4	76.9	70	Y	0.3	N	N	0.0	N	N
R6325	4	40.4	Regentville	75.6	76.3	76.5	0	43.7	0	0	0	0	43.7	76.5	70	Y	0.2	N	N	0.0	N	N
R6325	5	43.4	Regentville	75.3	76	76.2	0	43.9	0	0	0	0	43.9	76.2	70	Y	0.2	N	N	0.0	N	N
R6325	6	46.4	Regentville	75	75.7	75.9	0	44.2	0	0	0	0	44.2	75.9	70	Y	0.2	N	N	0.0	N	N
R6325	7	49.4	Regentville	74.8	75.5	75.6	0	44.5	0	0	0	0	44.5	75.6	70	Y	0.1	N	N	0.0	N	N
R6325	8	52.4	Regentville	74.5	75.2	75.4	0	44.8	0	0	0	0	44.8	75.4	70	Y	0.2	N	N	0.0	N	N
R6325	9	55.4	Regentville	74.3	75	75.1	0	45.1	0	0	0	0	45.1	75.1	70	Y	0.1	N	N	0.0	N	N
R6325	10	58.4	Regentville	74.1	74.8	74.9	0	45.4	0	0	0	0	45.4	74.9	70	Y	0.1	N	N	0.0	N	N
R6325	11	61.4	Regentville	73.9	74.5	74.6	0	45.6	0	0	0	0	45.6	74.7	70	Y	0.2	N	N	0.1	N	N
R6325	12	64.4	Regentville	73.7	74.4	74.5	0	45.9	0	0	0	0	45.9	74.5	70	Y	0.1	N	N	0.0	N	N
R6325	13	67.4	Regentville	73.5	74.2	74.3	0	46.1	0	0	0	0	46.1	74.3	70	Y	0.1	N	N	0.0	N	N
R6325	14	70.4	Regentville	73.4	74	74.1	0	46.3	0	0	0	0	46.3	74.1	70	Y	0.1	N	N	0.0	N	N
R6325	15	73.4	Regentville	73.2	73.8	73.9	0	46.5	0	0	0	0	46.5	73.9	70	Y	0.1	N	N	0.0	N	N
R6325	16	76.4	Regentville	73	73.7	73.7	0	46.6	0	0	0	0	46.6	73.7	70	Y	0.0	N	N	0.0	N	N
R6325	17	79.4	Regentville	72.9	73.5	73.6	0	46.8	0	0	0	0	46.8	73.6	70	Y	0.1	N	N	0.0	N	N
R6325	18	82.4	Regentville	72.8	73.4	73.5	0	46.9	0	0	0	0	46.9	73.5	70	Y	0.1	N	N	0.0	N	N
R6325	19																					

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required <sup>(2,3)</sup> (Y/N)
				OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>(1)</sup>	NEW ROADS					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	C - A dB(A) [D]	D > 1dB(A)			B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)			
ID	Floor	Floor Level (mPD)				PD	DD	OTHER	EX	TR													
R7001	1	8.6	B2-7 Social Welfares	-	21.4	0	35.4	22.3	60.7	0	0	60.7	60.7	70	N	-	-	-	-	N			
R7002	1	8.6	B2-7 Social Welfares	-	24.2	0	0	0	43.1	0	0	43.1	43.1	70	N	-	-	-	-	N			
R7003	1	8.6	B2-7 Social Welfares	-	36.4	0	44.9	0	58.5	0	0	58.7	58.7	70	N	-	-	-	-	N			
R7004	1	8.6	B2-7 Social Welfares	-	40.8	0	40.8	18.8	68.6	0	0	68.6	68.6	70	N	-	-	-	-	N			
R7005	1	8.6	B2-7 Social Welfares	-	22.3	0	27.5	53.3	47.1	0	0	54.3	54.3	70	N	-	-	-	-	N			
R7006	1	8.6	B2-7 Social Welfares	-	31.7	0	0	50.9	52.6	0	0	54.8	54.9	70	N	-	-	-	-	N			
R7007	1	8.6	B2-7 Social Welfares	-	32.9	0	32	0	46.1	0	0	46.3	46.5	70	N	-	-	-	-	N			
R7008	1	8.6	B2-7 Social Welfares	-	37	0	34.6	12.9	49.8	0	0	49.9	50.2	70	N	-	-	-	-	N			
R7009	1	8.6	B2-7 Social Welfares	-	0.8	0	28.2	15.5	45.7	0	0	45.7	45.7	70	N	-	-	-	-	N			
R7009	2	13.1	B2-7 Social Welfares	-	0.8	0	29	16.3	45.7	0	0	45.8	45.8	70	N	-	-	-	-	N			
R7009	3	17.6	B2-7 Social Welfares	-	0.8	0	29.9	17.3	45.7	0	0	45.8	45.8	70	N	-	-	-	-	N			
R7009	4	22.1	B2-7 Social Welfares	-	0.8	0	31	18.6	45.7	0	0	45.8	45.8	70	N	-	-	-	-	N			
R7010	1	8.6	B2-7 Social Welfares	-	39.4	0	31.5	10.1	61.3	0	0	61.3	61.3	70	N	-	-	-	-	N			
R7010	2	13.1	B2-7 Social Welfares	-	40	0	33.5	10.2	61.2	0	0	61.2	61.3	70	N	-	-	-	-	N			
R7010	3	17.6	B2-7 Social Welfares	-	40.7	0	35.6	10.2	61.1	0	0	61.1	61.1	70	N	-	-	-	-	N			
R7010	4	22.1	B2-7 Social Welfares	-	41.6	0	38.2	10.2	60.9	0	0	61	61	70	N	-	-	-	-	N			
R7011	1	8.6	B2-7 Social Welfares	-	53.5	0	50.6	0	68.2	0	0	68.3	68.4	70	N	-	-	-	-	N			
R7011	2	13.1	B2-7 Social Welfares	-	53.9	0	50.6	0	67.9	0	0	68	68.2	70	N	-	-	-	-	N			
R7011	3	17.6	B2-7 Social Welfares	-	54.5	0	50.6	0	67.4	0	0	67.5	67.7	70	N	-	-	-	-	N			
R7011	4	22.1	B2-7 Social Welfares	-	55.1	0	50.7	0	66.9	0	0	67	67.3	70	N	-	-	-	-	N			
R7012	1	8.6	B2-7 Social Welfares	-	53.9	0	40.3	20.6	70.9	0	0	70.9	71	70	Y	-	-	-	-	Y			
R7012	2	13.1	B2-7 Social Welfares	-	54.2	0	43	22.4	70.3	0	0	70.3	70.4	70	N	-	-	-	-	N			
R7012	3	17.6	B2-7 Social Welfares	-	54.6	0	46.1	24.5	69.5	0	0	69.6	69.7	70	N	-	-	-	-	N			
R7012	4	22.1	B2-7 Social Welfares	-	55.7	0	49.8	26.8	68.8	0	0	68.8	69	70	N	-	-	-	-	N			
R7013	1	8.6	B2-7 Social Welfares	-	0	0	38.6	20.4	61.4	0	0	61.4	61.4	70	N	-	-	-	-	N			
R7013	2	13.1	B2-7 Social Welfares	-	0	0	40.8	22.1	61.4	0	0	61.4	61.4	70	N	-	-	-	-	N			
R7013	3	17.6	B2-7 Social Welfares	-	0	0	42.9	24.1	61.2	0	0	61.3	61.3	70	N	-	-	-	-	N			
R7013	4	22.1	B2-7 Social Welfares	-	0	0	45.5	26.4	61	0	0	61.1	61.1	70	N	-	-	-	-	N			
R7014	1	8.6	B2-7 Social Welfares	-	0.1	0	32.3	9.7	49.5	0	0	49.5	49.5	70	N	-	-	-	-	N			
R7014	2	13.1	B2-7 Social Welfares	-	0.1	0	33.4	9.7	49.4	0	0	49.5	49.5	70	N	-	-	-	-	N			
R7014	3	17.6	B2-7 Social Welfares	-	0.1	0	34.6	9.7	49.4	0	0	49.6	49.6	70	N	-	-	-	-	N			
R7014	4	22.1	B2-7 Social Welfares	-	0.1	0	36.1	9.7	49.4	0	0	49.6	49.6	70	N	-	-	-	-	N			
R7051	1	9.0	B2-12 Social Welfares	-	20.6	0	8.2	53.2	47.9	0	0	54.3	54.3	70	N	-	-	-	-	N			
R7052	1	9.0	B2-12 Social Welfares	-	36.7	0	17.2	51.2	46.8	0	0	52.5	52.6	70	N	-	-	-	-	N			
R7053	1	9.0	B2-12 Social Welfares	-	27.5	0	20	7.1	43.5	0	0	43.5	43.6	70	N	-	-	-	-	N			
R7054	1	\	B2-12 Social Welfares	-	40.5	0	8.4	53	53.5	0	0	56.3	56.4	70	N	-	-	-	-	N			
R7055	1	9.0	B2-12 Social Welfares	-	19.6	0	0	55.6	59.8	0	0	61.2	61.2	70	N	-	-	-	-	N			
R7056	1	9.0	B2-12 Social Welfares	-	27.8	0	0	55	66	0	0	66.3	66.3	70	N	-	-	-	-	N			
R7057	1	9.0	B2-12 Social Welfares	-	22.8	0	0	8.3	54.1	0	0	54.1	54.1	70	N	-	-	-	-	N			
R7058	1	9.0	B2-12 Social Welfares	-	22	0	0	52.8	34.6	0	0	52.9	52.9	70	N	-	-	-	-	N			
R7059	1	9.0	B2-12 Social Welfares	-	18	0	0	19.9	58.7	0	0	58.7	58.7	70	N	-	-	-	-	N			
R7059	2	13.5	B2-12 Social Welfares	-	18	0	0	19.9	58.7	0	0	58.7	58.7	70	N	-	-	-	-	N			
R7059	3	18.0	B2-12 Social Welfares	-	18	0	0	19.9	58.6	0	0	58.6	58.6	70	N	-	-	-	-	N			
R7059	4	22.5	B2-12 Social Welfares	-	18	0	0	19.8	58.4	0	0	58.4	58.4	70	N	-	-	-	-	N			
R7060	1	9.0	B2-12 Social Welfares	-	30.7	0	0	17.3	68	0	0	68	68	70	N	-	-	-	-	N			
R7060	2	13.5	B2-12 Social Welfares	-	32.6	0	0	17.4	67.8	0	0	67.8	67.8	70	N	-	-	-	-	N			
R7060	3	18.0	B2-12 Social Welfares	-	35.3	0	0	17.4	67.4	0	0	67.4	67.4	70	N	-	-	-	-	N			
R7060	4	22.5	B2-12 Social Welfares	-	40.4	0	0	17.4	67	0	0	67	67	70	N	-	-	-	-	N			
R7061	1	9.0	B2-12 Social Welfares	-	43.7	0	41	0	67.9	0	0	68	68	70	N	-	-	-	-	N			
R7061	2	13.5	B2-12 Social Welfares	-	44.4	0	41.6	0	67.7	0	0	67.7	67.8	70	N	-	-	-	-	N			
R7061	3	18.0	B2-12 Social Welfares	-	46	0	42.1	0	67.3	0	0	67.3	67.4	70	N	-	-	-	-	N			
R7061	4	22.5	B2-12 Social Welfares	-	47.7	0	42.4	0	66.8	0	0												

				WITHOUT PROJECT	WITH PROJECT																			
Assessment Point			Locations	OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	NEW ROADS					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact Significance			Check Direct Mitigation					
ID	Floor	Floor Level (mPD)					PD	DD	OTHER	EX	TR					C - A dB(A) [D]	D > 1dB(A)	B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)	Mitigation Measures Required <sup>[2,3]</sup> (Y/N)			
R7112	3	17.9	B3-3 Social Welfares	-	36.4	0	0	6.4	58.1	0	0	58.1	58.2	70	N	-	-	-	-	-	N			
R7112	4	22.4	B3-3 Social Welfares	-	39.8	0	0	6.4	58.3	0	0	58.3	58.3	70	N	-	-	-	-	-	N			
R7113	1	8.9	B3-3 Social Welfares	-	21.9	0	0	37.8	56.9	0	0	56.9	56.9	70	N	-	-	-	-	-	N			
R7113	2	13.4	B3-3 Social Welfares	-	25.4	0	0	38.3	56.9	0	0	56.9	56.9	70	N	-	-	-	-	-	N			
R7113	3	17.9	B3-3 Social Welfares	-	31.3	0	0	39.1	56.8	0	0	56.9	56.9	70	N	-	-	-	-	-	N			
R7113	4	22.4	B3-3 Social Welfares	-	40.2	0	0	39.3	56.8	0	0	56.9	57	70	N	-	-	-	-	-	N			
R7114	1	8.9	B3-3 Social Welfares	-	38.4	0	0	0	65.9	0	0	65.9	65.9	70	N	-	-	-	-	-	N			
R7114	2	13.4	B3-3 Social Welfares	-	40.2	0	0	0	65.9	0	0	65.9	65.9	70	N	-	-	-	-	-	N			
R7114	3	17.9	B3-3 Social Welfares	-	42.4	0	0	0	65.7	0	0	65.7	65.7	70	N	-	-	-	-	-	N			
R7114	4	22.4	B3-3 Social Welfares	-	45.2	0	0	0	65.4	0	0	65.4	65.5	70	N	-	-	-	-	-	N			
R7115	1	8.9	B3-3 Social Welfares	-	39.7	0	0	0	67.8	0	0	67.8	67.8	70	N	-	-	-	-	-	N			
R7115	2	13.4	B3-3 Social Welfares	-	40	0	0	0	67.6	0	0	67.6	67.6	70	N	-	-	-	-	-	N			
R7115	3	17.9	B3-3 Social Welfares	-	40.6	0	0	0	67.3	0	0	67.3	67.3	70	N	-	-	-	-	-	N			
R7115	4	22.4	B3-3 Social Welfares	-	41.3	0	0	0	66.9	0	0	66.9	66.9	70	N	-	-	-	-	-	N			
R7116	1	8.9	B3-3 Social Welfares	-	17.4	0	0	29.4	60.6	0	0	60.6	60.6	70	N	-	-	-	-	-	N			
R7116	2	13.4	B3-3 Social Welfares	-	17.4	0	0	29.3	60.6	0	0	60.6	60.6	70	N	-	-	-	-	-	N			
R7116	3	17.9	B3-3 Social Welfares	-	17.4	0	0	29.3	60.4	0	0	60.4	60.4	70	N	-	-	-	-	-	N			
R7116	4	22.4	B3-3 Social Welfares	-	17.4	0	0	29.3	60.2	0	0	60.2	60.2	70	N	-	-	-	-	-	N			
R7117	1	8.9	B3-3 Social Welfares	-	6.7	0	0	44.4	52.1	0	0	52.7	52.7	70	N	-	-	-	-	-	N			
R7117	2	13.4	B3-3 Social Welfares	-	6.7	0	0	45.1	52.1	0	0	52.8	52.8	70	N	-	-	-	-	-	N			
R7117	3	17.9	B3-3 Social Welfares	-	6.7	0	0	45.5	52	0	0	52.8	52.8	70	N	-	-	-	-	-	N			
R7117	4	22.4	B3-3 Social Welfares	-	6.7	0	0	45.7	52	0	0	52.9	52.9	70	N	-	-	-	-	-	N			
R7201	1	9.0	C2-6 Social Welfares	-	55.9	0	0	55.1	67	0	0	67.2	67.6	70	N	-	-	-	-	-	N			
R7201	2	13.0	C2-6 Social Welfares	-	55.9	0	0	55.1	66.9	0	0	67.2	67.5	70	N	-	-	-	-	-	N			
R7201	3	17.0	C2-6 Social Welfares	-	55.9	0	0	55.1	66.9	0	0	67.2	67.5	70	N	-	-	-	-	-	N			
R7201	4	21.0	C2-6 Social Welfares	-	56	0	0	55.1	66.8	0	0	67.1	67.4	70	N	-	-	-	-	-	N			
R7201	5	25.0	C2-6 Social Welfares	-	55.9	0	0	55.2	66.6	0	0	67	67.3	70	N	-	-	-	-	-	N			
R7202	1	9.0	C2-6 Social Welfares	-	0	0	50.5	64.7	57.9	0	0	65.6	65.6	70	N	-	-	-	-	-	N			
R7202	2	13.0	C2-6 Social Welfares	-	0	0	50.5	64.7	57.9	0	0	65.6	65.6	70	N	-	-	-	-	-	N			
R7202	3	17.0	C2-6 Social Welfares	-	0	0	50.4	64.7	58	0	0	65.6	65.6	70	N	-	-	-	-	-	N			
R7202	4	21.0	C2-6 Social Welfares	-	0	0	50.2	64.6	58	0	0	65.6	65.6	70	N	-	-	-	-	-	N			
R7202	5	25.0	C2-6 Social Welfares	-	0	0	50	64.6	57.9	0	0	65.6	65.6	70	N	-	-	-	-	-	N			
R7203	1	9.0	C2-6 Social Welfares	-	57.3	0	55.4	60.6	63.2	0	0	65.5	66.1	70	N	-	-	-	-	-	N			
R7203	2	13.0	C2-6 Social Welfares	-	57.3	0	55.7	60.6	63.2	0	0	65.6	66.2	70	N	-	-	-	-	-	N			
R7203	3	17.0	C2-6 Social Welfares	-	57.3	0	55.9	60.6	63.2	0	0	65.6	66.2	70	N	-	-	-	-	-	N			
R7203	4	21.0	C2-6 Social Welfares	-	57.3	0	55.9	60.5	63.1	0	0	65.5	66.1	70	N	-	-	-	-	-	N			
R7203	5	25.0	C2-6 Social Welfares	-	57.4	0	55.9	60.5	63.1	0	0	65.5	66.1	70	N	-	-	-	-	-	N			
R7204	1	9.0	C2-6 Social Welfares	-	60.4	0	0	0	71.1	0	0	71.1	71.5	70	Y	-	-	-	-	-	Y			
R7204	2	13.0	C2-6 Social Welfares	-	60.4	0	0	0	71.1	0	0	71.1	71.4	70	Y	-	-	-	-	-	Y			
R7204	3	17.0	C2-6 Social Welfares	-	60.5	0	0	0	70.9	0	0	70.9	71.3	70	Y	-	-	-	-	-	Y			
R7204	4	21.0	C2-6 Social Welfares	-	60.6	0	0	0	70.7	0	0	70.7	71.1	70	Y	-	-	-	-	-	Y			
R7204	5	25.0	C2-6 Social Welfares	-	60.6	0	0	0	70.5	0	0	70.5	70.9	70	Y	-	-	-	-	-	Y			
R7451	1	10.0	D2-9 Social Welfares	-	0	0	62.8	0	57.8	0	0	64	64	55	Y	-	-	-	-	-	Y			
R7452	1	10.0	D2-9 Social Welfares	-	13.3	0	61.2	6.5	52	0	0	61.7	61.7	55	Y	-	-	-	-	-	Y			
R7453	1	10.0	D2-9 Social Welfares	-	17.2	0	33.6	16.7	57.5	0	0	57.5	57.5	55	Y	-	-	-	-	-	Y			
R7454	1	10.0	D2-9 Social Welfares	-	18.5	0	58.1	16.5	60	0	0	62.2	62.2	55	Y	-	-	-	-	-	Y			
R7455	1	10.0	D2-9 Social Welfares	-	0	0	59.5	15.3	54.8	0	0	60.8	60.8	55	Y	-	-	-	-	-	Y			
R7456	1	10.0	D2-9 Social Welfares	-	0	0	64.4	0	53.2	0	0	64.7	64.7	55	Y	-	-	-	-	-	Y			
R7457	1	10.0	D2-9 Social Welfares	-	20.8	0	59.1	7	48.7	0	0	59.5	59.5	55	Y	-	-	-	-	-	Y			
R7458	1	10.0	D2-9 Social Welfares																					

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study  
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures  
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

				WITHOUT PROJECT		WITH PROJECT															
Assessment Point			Locations	OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	NEW ROADS					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact Significance		B > Criteria	Check Direct Mitigation New Roads Contribution		Mitigation Measures Required <sup>[2,3]</sup> (Y/N)
ID	Floor	Floor Level (mPD)					D	DD	OTHER	EX	TR					D	D		C - A dB(A) [D]	D > 1dB(A)	
R7489	1	10.0	D2-9 Social Welfares	-	0	0	50	0	66.8	0	0	66.9	66.9	55	Y	-	-	-	-	-	Y
R7489	2	14.5	D2-9 Social Welfares	-	0	0	50.9	0	66.8	0	0	66.9	66.9	55	Y	-	-	-	-	-	Y
R7489	3	19.0	D2-9 Social Welfares	-	0	0	51.8	0	66.7	0	0	66.9	66.9	55	Y	-	-	-	-	-	Y
R7489	4	23.5	D2-9 Social Welfares	-	0	0	52.5	0	66.6	0	0	66.7	66.7	55	Y	-	-	-	-	-	Y
R7490	1	10.0	D2-9 Social Welfares	-	0	0	52.3	10.6	59.8	0	0	60.5	60.5	55	Y	-	-	-	-	-	Y
R7490	2	14.5	D2-9 Social Welfares	-	0	0	53.5	12.9	59.8	0	0	60.7	60.7	55	Y	-	-	-	-	-	Y
R7490	3	19.0	D2-9 Social Welfares	-	0	0	54.5	15.9	59.8	0	0	60.9	60.9	55	Y	-	-	-	-	-	Y
R7490	4	23.5	D2-9 Social Welfares	-	0	0	55.5	19.8	59.7	0	0	61.1	61.1	55	Y	-	-	-	-	-	Y
R7491	1	10.0	D2-9 Social Welfares	-	21	0	58.5	9.9	38.2	0	0	58.5	58.5	55	Y	-	-	-	-	-	Y
R7491	2	14.5	D2-9 Social Welfares	-	21.1	0	59.1	9.9	38.2	0	0	59.1	59.1	55	Y	-	-	-	-	-	Y
R7491	3	19.0	D2-9 Social Welfares	-	21	0	59.7	9.9	38.2	0	0	59.8	59.8	55	Y	-	-	-	-	-	Y
R7491	4	23.5	D2-9 Social Welfares	-	21.1	0	60.3	9.9	38.2	0	0	60.3	60.3	55	Y	-	-	-	-	-	Y
R7492	1	10.0	D2-9 Social Welfares	-	22	0	59.6	10.9	0	0	0	59.6	59.6	55	Y	-	-	-	-	-	Y
R7492	2	14.5	D2-9 Social Welfares	-	22	0	60.1	10.9	0	0	0	60.1	60.1	55	Y	-	-	-	-	-	Y
R7492	3	19.0	D2-9 Social Welfares	-	22	0	60.7	10.9	0	0	0	60.7	60.7	55	Y	-	-	-	-	-	Y
R7492	4	23.5	D2-9 Social Welfares	-	22	0	61.2	10.9	0	0	0	61.2	61.2	55	Y	-	-	-	-	-	Y
R7493	1	10.0	D2-9 Social Welfares	-	25.3	0	54.1	9	61.8	0	0	62.5	62.5	55	Y	-	-	-	-	-	Y
R7493	2	14.5	D2-9 Social Welfares	-	26.7	0	54.8	9.8	61.8	0	0	62.6	62.6	55	Y	-	-	-	-	-	Y
R7493	3	19.0	D2-9 Social Welfares	-	28.5	0	55.5	9.8	61.7	0	0	62.7	62.7	55	Y	-	-	-	-	-	Y
R7493	4	23.5	D2-9 Social Welfares	-	31	0	56.3	9.8	61.6	0	0	62.7	62.7	55	Y	-	-	-	-	-	Y
R7494	1	10.0	D2-9 Social Welfares	-	49.3	0	51.8	9.7													

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise Criteria	Exceedance C > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required <sup>(2,3)</sup> (Y/N)
				OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	PD	DD	OTHER	EX	TR	NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	C - A dB(A) [D]	D > 1dB(A)			B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)			
ID	Floor	Floor Level (mPD)																					
R7754	1	13.0	D3-1c Kindergarten	-	56.9	0	0	0	54	0	0	54	58.7	65	N	-	-	-	-	N			
R7754	2	17.5	D3-1c Kindergarten	-	58	0	0	0	54	0	0	54	59.5	65	N	-	-	-	-	N			
R7755	1	13.0	D3-1c Kindergarten	-	70	0	0	0	55.6	0	0	55.6	70.2	65	Y	-	-	-	-	Y			
R7755	2	17.5	D3-1c Kindergarten	-	71	0	0	0	55.6	0	0	55.6	71.2	65	Y	-	-	-	-	Y			
R7756	1	13.0	D3-1c Kindergarten	-	63.8	0	0	22.1	49.2	0	0	49.2	64	65	N	-	-	-	-	N			
R7756	2	17.5	D3-1c Kindergarten	-	65.2	0	0	22.1	49.2	0	0	49.2	65.3	65	N	-	-	-	-	N			
R7757	1	13.0	D3-1c Kindergarten	-	51.7	0	0	47.7	62.6	0	0	62.7	63	65	N	-	-	-	-	N			
R7757	2	17.5	D3-1c Kindergarten	-	52.8	0	0	47.7	62.5	0	0	62.7	63.1	65	N	-	-	-	-	N			
R7758	1	13.0	D3-1c Kindergarten	-	50.5	0	0	43.3	62.4	0	0	62.5	62.8	65	N	-	-	-	-	N			
R7758	2	17.5	D3-1c Kindergarten	-	51.4	0	0	43.4	62.4	0	0	62.5	62.8	65	N	-	-	-	-	N			
R7759	1	13.0	D3-1c Kindergarten	-	20.5	0	0	24.9	62.6	0	0	62.6	62.6	65	N	-	-	-	-	N			
R7759	2	17.5	D3-1c Kindergarten	-	21.1	0	0	24.9	62.6	0	0	62.6	62.6	65	N	-	-	-	-	N			
R7760	1	13.0	D3-1c Kindergarten	-	62.7	0	0	0	70.7	0	0	70.7	71.3	65	Y	-	-	-	-	Y			
R7760	2	17.5	D3-1c Kindergarten	-	63.4	0	0	0	70.6	0	0	70.6	71.4	65	Y	-	-	-	-	Y			
R7761	1	13.0	D3-1c Kindergarten	-	70.4	0	0	0	59.2	0	0	59.2	70.8	65	Y	-	-	-	-	Y			
R7761	2	17.5	D3-1c Kindergarten	-	71.3	0	0	0	59.2	0	0	59.2	71.5	65	Y	-	-	-	-	Y			
R7762	1	13.0	D3-1c Kindergarten	-	58.5	0	0	23.6	54.7	0	0	54.7	60	65	N	-	-	-	-	N			
R7762	2	17.5	D3-1c Kindergarten	-	59.5	0	0	23.6	54.7	0	0	54.7	60.7	65	N	-	-	-	-	N			
R7763	1	13.0	D3-1c Kindergarten	-	53.2	0	0	25.5	57.2	0	0	57.2	58.7	65	N	-	-	-	-	N			
R7763	2	17.5	D3-1c Kindergarten	-	54.1	0	0	25.5	57.2	0	0	57.2	58.9	65	N	-	-	-	-	N			
R7801	1	10.0	D3-6 Kindergarten	-	26.7	0	0	23.5	70.9	0	0	70.9	70.9	65	Y	-	-	-	-	Y			
R7801	2	14.5	D3-6 Kindergarten	-	26.9	0	0	23.5	70.9	0	0	70.9	70.9	65	Y	-	-	-	-	Y			
R7802	1	10.0	D3-6 Kindergarten	-	35.4	0	5.6	8.1	46.4	0	0	46.4	46.7	65	N	-	-	-	-	N			
R7802	2	14.5	D3-6 Kindergarten	-	38.1	0	6.3	8.1	47.4	0	0	47.4	47.9	65	N	-	-	-	-	N			
R7803	1	10.0	D3-6 Kindergarten	-	33.6	0	0	8	48.9	0	0	48.9	49	65	N	-	-	-	-	N			
R7803	2	14.5	D3-6 Kindergarten	-	33.7	0	0	8	49.2	0	0	49.2	49.3	65	N	-	-	-	-	N			
R7804	1	10.0	D3-6 Kindergarten	-	36.3	0	0	7.5	54.9	0	0	54.9	54.9	65	N	-	-	-	-	N			
R7804	2	14.5	D3-6 Kindergarten	-	37.5	0	0	7.5	54.9	0	0	54.9	55	65	N	-	-	-	-	N			
R7805	1	10.0	D3-6 Kindergarten	-	34.9	0	0	7.3	63.6	0	0	63.6	63.6	65	N	-	-	-	-	N			
R7805	2	14.5	D3-6 Kindergarten	-	34.9	0	0	7.3	63.5	0	0	63.5	63.5	65	N	-	-	-	-	N			
R7806	1	10.0	D3-6 Kindergarten	-	47.3	0	0	23.2	74	0	0	74	74	65	Y	-	-	-	-	Y			
R7806	2	14.5	D3-6 Kindergarten	-	48.4	0	0	23.2	73.8	0	0	73.8	73.8	65	Y	-	-	-	-	Y			
R7807	1	10.0	D3-6 Kindergarten	-	23.6	0	0	19.9	51.8	0	0	51.8	51.8	65	N	-	-	-	-	N			
R7807	2	14.5	D3-6 Kindergarten	-	23.6	0	0	19.9	52.1	0	0	52.1	52.1	65	N	-	-	-	-	N			
R7808	1	10.0	D3-6 Kindergarten	-	22.7	0	0	18.3	47.4	0	0	47.4	47.4	65	N	-	-	-	-	N			
R7808	2	14.5	D3-6 Kindergarten	-	22.7	0	0	18.4	49.2	0	0	49.2	49.2	65	N	-	-	-	-	N			
R7809	1	10.0	D3-6 Kindergarten	-	49.2	0	5.9	8.9	53.3	0	0	53.3	54.7	65	N	-	-	-	-	N			
R7809	2	14.5	D3-6 Kindergarten	-	51.8	0	6.6	9	53.4	0	0	53.4	55.7	65	N	-	-	-	-	N			
R7810	1	10.0	D3-6 Kindergarten	-	50.8	0	0	8.5	58.2	0	0	58.2	58.9	65	N	-	-	-	-	N			
R7810	2	14.5	D3-6 Kindergarten	-	53.5	0	0	9	58.2	0	0	58.2	59.5	65	N	-	-	-	-	N			
R7811	1	10.0	D3-6 Kindergarten	-	49.4	0	16.4	9.3	64.3	0	0	64.3	64.4	65	N	-	-	-	-	N			
R7811	2	14.5	D3-6 Kindergarten	-	51.4	0	16.4	9.4	64.2	0	0	64.2	64.4	65	N	-	-	-	-	N			
R7812	1	10.0	D3-6 Kindergarten	-	39.3	0	0	7.6	71.7	0	0	71.7	71.7	65	Y	-	-	-	-	Y			
R7812	2	14.5	D3-6 Kindergarten	-	41	0	0	7.7	71.5	0	0	71.5	71.5	65	Y	-	-	-	-	Y			
R7813	1	10.0	D3-6 Kindergarten	-	34.4	0	0	19.6	65.7	0	0	65.7	65.7	65	Y	-	-	-	-	Y			
R7813	2	14.5	D3-6 Kindergarten	-	34.8	0	0	19.6	65.7	0	0	65.7	65.7	65	Y	-	-	-	-	Y			
R7814	1	10.0	D3-6 Kindergarten	-	30.7	0	0	20.1	57.7	0	0	57.7	57.8	65	N	-	-	-	-	N			
R7814	2	14.5	D3-6 Kindergarten	-	30.7	0	0	20.2	57.8	0	0	57.8	57.8	65	N	-	-	-	-	N			
R7815	1	10.0	D3-6 Kindergarten	-	36	0	0	7.3	60.7	0	0	60.7	60.8	65	N	-	-	-	-	N			
R7816	1	10.0	D3-6 Kindergarten	-	44.3	0	0	5.5	70.7	0	0	70.7	70.8	65	Y	-	-	-	-	Y			
R7817	1	10.0	D3-6 Kindergarten	-	55	0	0	7.2	71.2	0	0	71.2	71.3	65	Y	-	-	-	-	Y			
R7818	1	10.0	D3-6 Kindergarten	-	50.7	0	0	22.6	73.4	0	0	73.4	73.5	65	Y	-	-	-	-	Y			
R7819	1	10.0	D3-6 Kindergarten	-	17.8	0	0	22.4	56.6	0	0	56.6	56.6	6									

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required <sup>(2,3)</sup> (Y/N)
				OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>(1)</sup>	PD	DD	OTHER	EX	TR	NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	C - A dB(A) [D]	D > 1dB(A)			B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)			
ID	Floor	Floor Level (mPD)																					
R7868	1	10.5	D3-8 Kindergarten	-	63	0	0	0	29.7	0	0	29.7	63	65	N	-	-	-	-	N			
R7868	2	15.0	D3-8 Kindergarten	-	65.6	0	0	0	29.7	0	0	29.7	65.6	65	Y	-	-	-	-	Y			
R7868	3	19.5	D3-8 Kindergarten	-	66.2	0	0	0	29.7	0	0	29.7	66.2	65	Y	-	-	-	-	Y			
R7868	4	24.0	D3-8 Kindergarten	-	66.3	0	0	0	29.7	0	0	29.7	66.3	65	Y	-	-	-	-	Y			
R7869	1	10.5	D3-8 Kindergarten	-	53.9	0	0	0	35.8	0	0	35.8	53.9	65	N	-	-	-	-	N			
R7869	2	15.0	D3-8 Kindergarten	-	55.5	0	0	0	37.5	0	0	37.5	55.5	65	N	-	-	-	-	N			
R7869	3	19.5	D3-8 Kindergarten	-	56.2	0	0	0	39.5	0	0	39.5	56.2	65	N	-	-	-	-	N			
R7869	4	24.0	D3-8 Kindergarten	-	56.4	0	0	0	42.4	0	0	42.4	56.6	65	N	-	-	-	-	N			
R7870	1	10.5	D3-8 Kindergarten	-	48	0	0	0	32.2	0	0	32.2	48.1	65	N	-	-	-	-	N			
R7870	2	15.0	D3-8 Kindergarten	-	52.9	0	0	0	38.3	0	0	38.3	53.1	65	N	-	-	-	-	N			
R7870	3	19.5	D3-8 Kindergarten	-	72.5	0	0	0	51.5	0	0	51.5	72.6	65	Y	-	-	-	-	Y			
R7870	4	24.0	D3-8 Kindergarten	-	72.7	0	0	0	53.7	0	0	53.7	72.7	65	Y	-	-	-	-	Y			
R7871	1	10.5	D3-8 Kindergarten	-	64.5	0	0	19.1	65.2	0	0	65.2	67.9	65	Y	-	-	-	-	Y			
R7871	2	15.0	D3-8 Kindergarten	-	67	0	0	19.1	66.3	0	0	66.3	69.7	65	Y	-	-	-	-	Y			
R7871	3	19.5	D3-8 Kindergarten	-	67.7	0	0	19.1	66.6	0	0	66.6	70.2	65	Y	-	-	-	-	Y			
R7871	4	24.0	D3-8 Kindergarten	-	67.9	0	0	19.1	66.9	0	0	66.9	70.4	65	Y	-	-	-	-	Y			
R7872	1	10.5	D3-8 Kindergarten	-	23.3	0	0	20.2	60.4	0	0	60.4	60.4	65	N	-	-	-	-	N			
R7872	2	15.0	D3-8 Kindergarten	-	23.6	0	0	20.2	61.4	0	0	61.4	61.4	65	N	-	-	-	-	N			
R7872	3	19.5	D3-8 Kindergarten	-	23.8	0	0	20.2	61.9	0	0	61.9	61.9	65	N	-	-	-	-	N			
R7872	4	24.0	D3-8 Kindergarten	-	24.1	0	0	20.1	62.1	0	0	62.1	62.1	65	N	-	-	-	-	N			
R7873	1	10.5	D3-8 Kindergarten	-	24.4	0	0	18.4	53.6	0	0	53.6	53.6	65	N	-	-	-	-	N			
R7873	2	15.0	D3-8 Kindergarten	-	24.6	0	0	18.4	54.3	0	0	54.3	54.3	65	N	-	-	-	-	N			
R7873	3	19.5	D3-8 Kindergarten	-	25.3	0	0	18.4	54.8	0	0	54.8	54.8	65	N	-	-	-	-	N			
R7873	4	24.0	D3-8 Kindergarten	-	26.1	0	0	18.4	55	0	0	55	55	65	N	-	-	-	-	N			
R7874	1	10.5	D3-8 Kindergarten	-	55.5	0	0	7.9	23.8	0	0	23.9	55.5	65	N	-	-	-	-	N			
R7874	2	15.0	D3-8 Kindergarten	-	57.4	0	0	6.9	25.2	0	0	25.2	57.4	65	N	-	-	-	-	N			
R7874	3	19.5	D3-8 Kindergarten	-	58.2	0	0	8.1	26.7	0	0	26.8	58.2	65	N	-	-	-	-	N			
R7874	4	24.0	D3-8 Kindergarten	-	58.6	0	0	8.4	28.1	0	0	28.1	58.6	65	N	-	-	-	-	N			
R7875	1	10.5	D3-8 Kindergarten	-	20.4	0	0	18.3	71.6	0	0	71.6	71.6	65	Y	-	-	-	-	Y			
R7875	2	15.0	D3-8 Kindergarten	-	20.4	0	0	18.3	71.2	0	0	71.2	71.2	65	Y	-	-	-	-	Y			
R7875	3	19.5	D3-8 Kindergarten	-	20.4	0	0	18.3	70.6	0	0	70.6	70.6	65	Y	-	-	-	-	Y			
R7875	4	24.0	D3-8 Kindergarten	-	20.4	0	0	18.3	69.9	0	0	69.9	69.9	65	Y	-	-	-	-	Y			
R7901	1	9.5	D3-4 Kindergarten	-	0	0	41.4	0	74	0	0	74	74	65	Y	-	-	-	-	Y			
R7901	2	14.0	D3-4 Kindergarten	-	0	0	42.1	0	73.9	0	0	73.9	73.9	65	Y	-	-	-	-	Y			
R7902	1	9.5	D3-4 Kindergarten	-	23.3	0	47.6	9.7	69.4	0	0	69.4	69.4	65	Y	-	-	-	-	Y			
R7902	2	14.0	D3-4 Kindergarten	-	27.1	0	48.4	9.8	69.4	0	0	69.4	69.4	65	Y	-	-	-	-	Y			
R7903	1	9.5	D3-4 Kindergarten	-	23.6	0	24.8	0	60.7	0	0	60.7	60.7	65	N	-	-	-	-	N			
R7903	2	14.0	D3-4 Kindergarten	-	23.6	0	24.8	0	60.8	0	0	60.8	60.8	65	N	-	-	-	-	N			
R7904	1	9.5	D3-4 Kindergarten	-	29.4	0	21	0	54.2	0	0	54.2	54.2	65	N	-	-	-	-	N			
R7904	2	14.0	D3-4 Kindergarten	-	32	0	21	0	54.3	0	0	54.3	54.4	65	N	-	-	-	-	N			
R7905	1	9.5	D3-4 Kindergarten	-	21	0	0	13.5	55.7	0	0	55.7	55.7	65	N	-	-	-	-	N			
R7905	2	14.0	D3-4 Kindergarten	-	21	0	0	13.5	55.8	0	0	55.8	55.8	65	N	-	-	-	-	N			
R7906	1	9.5	D3-4 Kindergarten	-	21.3	0	21	15.3	57.9	0	0	57.9	57.9	65	N	-	-	-	-	N			
R7906	2	14.0	D3-4 Kindergarten	-	21.4	0	21	15.3	58	0	0	58	58	65	N	-	-	-	-	N			
R7907	1	9.5	D3-4 Kindergarten	-	21.2	0	46	18.7	67.5	0	0	67.5	67.5	65	Y	-	-	-	-	Y			
R7907	2	14.0	D3-4 Kindergarten	-	21.2	0	46.9	18.7	67.4	0	0	67.5	67.5	65	Y	-	-	-	-	Y			
R7908	1	9.5	D3-4 Kindergarten	-	0	0	42.5	14.1	68	0	0	68.1	68.1	65	Y	-	-	-	-	Y			
R7908	2	14.0	D3-4 Kindergarten	-	0	0	43.3	14.1	68	0	0	68	68	65	Y	-	-	-	-	Y			
R7909	1	9.5	D3-4 Kindergarten	-	53.3	0	37	11.1	70	0	0	70	70.1	65	Y	-	-	-	-	Y			
R7909	2	14.0	D3-4 Kindergarten	-	53.5	0	37.9	11.1	70	0	0	70	70.1	65	Y	-	-	-	-	Y			
R7910	1	9.5	D3-4 Kindergarten	-	53.9	0	45.5	0	69	0	0	69.1	69.2	65	Y	-	-	-	-	Y			
R7910	2	14.0	D3-4 Kindergarten	-	54.2	0	46.1	0	69	0	0	69	69.2										

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise Criteria dB(A)	Exceedance C > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
				OVERALL NOISE LEVEL at 2038 dB(A) [A]	EXISTING ROADS at 2038 dB(A)	OTHER ROADS at 2038 dB(A) <sup>[1]</sup>	NEW ROADS					NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	C - A dB(A) [D]	D > 1dB(A)			B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)			
ID	Floor	Floor Level (mPD)		PD	DD	OTHER dB(A)	EX	TR	NEW ROADS at 2038 dB(A) [B]	OVERALL NOISE LEVEL at 2038 dB(A) [C]	C - A dB(A) [D]	D > 1dB(A)	B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)			Required <sup>[2,3]</sup> (Y/N)					
R7979	1	10.0	D2-9 Kindergarten	-	47.5	0	62.2	0	53.9	0	0	62.8	62.9	65	N	-	-	-	-	-	N		
R7980	1	10.0	D2-9 Kindergarten	-	57.3	0	69	13.5	0	0	0	69	69.3	65	Y	-	-	-	-	-	Y		
R7981	1	10.0	D2-9 Kindergarten	-	57.1	0	63.8	14	56.2	0	0	64.5	65.2	65	N	-	-	-	-	-	N		
R7982	1	10.0	D2-9 Kindergarten	-	48.9	0	9	0	55	0	0	55	56	65	N	-	-	-	-	-	N		
R7983	1	10.0	D2-9 Kindergarten	-	48.8	0	58	13.5	0	0	0	58	58.5	65	N	-	-	-	-	-	N		
R7984	1	10.0	D2-9 Kindergarten	-	52.1	0	55.4	14.2	61.7	0	0	62.6	63	65	N	-	-	-	-	-	N		
R7985	1	10.0	D2-9 Kindergarten	-	52.5	0	0	0	69.3	0	0	69.3	69.4	65	Y	-	-	-	-	-	Y		
R7986	1	10.0	D2-9 Kindergarten	-	43.7	0	49.8	0	63.2	0	0	63.4	63.5	65	N	-	-	-	-	-	N		
R7987	1	10.0	D2-9 Kindergarten	-	46.4	0	51.2	11.9	62.8	0	0	63.1	63.2	65	N	-	-	-	-	-	N		
R7987	2	14.5	D2-9 Kindergarten	-	47	0	51.6	11.9	62.8	0	0	63.1	63.2	65	N	-	-	-	-	-	N		
R7987	3	19.0	D2-9 Kindergarten	-	47.5	0	52	11.9	62.8	0	0	63.1	63.3	65	N	-	-	-	-	-	N		
R7987	4	23.5	D2-9 Kindergarten	-	47.9	0	52.5	11.9	62.7	0	0	63.1	63.3	65	N	-	-	-	-	-	N		
R7988	1	10.0	D2-9 Kindergarten	-	53.2	0	0	0	73.7	0	0	73.7	73.7	65	Y	-	-	-	-	-	Y		
R7988	2	14.5	D2-9 Kindergarten	-	53.6	0	0	0	73.5	0	0	73.5	73.6	65	Y	-	-	-	-	-	Y		
R7988	3	19.0	D2-9 Kindergarten	-	54	0	0	0	73.2	0	0	73.2	73.2	65	Y	-	-	-	-	-	Y		
R7988	4	23.5	D2-9 Kindergarten	-	54.3	0	0	0	72.7	0	0	72.7	72.7	65	Y	-	-	-	-	-	Y		
R7989	1	10.0	D2-9 Kindergarten	-	0	0	50	0	66.8	0	0	66.9	66.9	65	Y	-	-	-	-	-	Y		
R7989	2	14.5	D2-9 Kindergarten	-	0	0	50.9	0	66.8	0	0	66.9	66.9	65	Y	-	-	-	-	-	Y		
R7989	3	19.0	D2-9 Kindergarten	-	0	0	51.8	0	66.7	0	0	66.9	66.9	65	Y	-	-	-	-	-	Y		
R7989	4	23.5	D2-9 Kindergarten	-	0	0	52.5	0	66.6	0	0	66.7	66.7	65	Y	-	-	-	-	-	Y		
R7990	1	10.0	D2-9 Kindergarten	-	0	0	52.3	10.6	59.8	0	0	60.5	60.5	65	N	-	-	-	-	-	N		
R7990	2	14.5	D2-9 Kindergarten	-	0	0	53.5	12.9	59.8	0	0	60.7	60.7	65	N	-	-	-	-	-	N		
R7990	3	19.0	D2-9 Kindergarten	-	0	0	54.5	15.9	59.8	0	0	60.9	60.9	65	N	-	-	-	-	-	N		
R7990	4	23.5	D2-9 Kindergarten	-	0	0	55.5	19.8	59.7	0	0	61.1	61.1	65	N	-	-	-	-	-	N		
R7991	1	10.0	D2-9 Kindergarten	-	21	0	58.5	9.9	38.2	0	0	58.5	58.5	65	N	-	-	-	-	-	N		
R7991	2	14.5	D2-9 Kindergarten	-	21.1	0	59.1	9.9	38.2	0	0	59.1	59.1	65	N	-	-	-	-	-	N		
R7991	3	19.0	D2-9 Kindergarten	-	21	0	59.7	9.9	38.2	0	0	59.8	59.8	65	N	-	-	-	-	-	N		
R7991	4	23.5	D2-9 Kindergarten	-	21.1	0	60.3	9.9	38.2	0	0	60.3	60.3	65	N	-	-	-	-	-	N		
R7992	1	10.0	D2-9 Kindergarten	-	22	0	59.6	10.9	0	0	0	59.6	59.6	65	N	-	-	-	-	-	N		
R7992	2	14.5	D2-9 Kindergarten	-	22	0	60.1	10.9	0	0	0	60.1	60.1	65	N	-	-	-	-	-	N		
R7992	3	19.0	D2-9 Kindergarten	-	22	0	60.7	10.9	0	0	0	60.7	60.7	65	N	-	-	-	-	-	N		
R7992	4	23.5	D2-9 Kindergarten	-	22	0	61.2	10.9	0	0	0	61.2	61.2	65	N	-	-	-	-	-	N		
R7993	1	10.0	D2-9 Kindergarten	-	25.3	0	54.1	9	61.8	0	0	62.5	62.5	65	N	-	-	-	-	-	N		
R7993	2	14.5	D2-9 Kindergarten	-	26.7	0	54.8	9.8	61.8	0	0	62.6	62.6	65	N	-	-	-	-	-	N		
R7993	3	19.0	D2-9 Kindergarten	-	28.5	0	55.5	9.8	61.7	0	0	62.7	62.7	65	N	-	-	-	-	-	N		
R7993	4	23.5	D2-9 Kindergarten	-	31	0	56.3	9.8	61.6	0	0	62.7	62.7	65	N	-	-	-	-	-	N		
R7994	1	10.0	D2-9 Kindergarten	-	49.3	0	51.8	9.7	67	0	0	67.2	67.2	65	Y	-	-	-	-	-	Y		
R7994	2	14.5	D2-9 Kindergarten	-	49.8	0	52.5	10.6	67	0	0	67.1	67.2	65	Y	-	-	-	-	-	Y		
R7994	3	19.0	D2-9 Kindergarten	-	50.3	0	53.1	10.9	66.7	0	0	66.9	67	65	Y	-	-	-	-	-	Y		
R7994	4	23.5	D2-9 Kindergarten	-	50.6	0	53.8	11.1	66.4	0	0	66.6	66.7	65	Y	-	-	-	-	-	Y		
R7995	1	10.0	D2-9 Kindergarten	-	51.9	0	0	10.4	73.5	0	0	73.5	73.5	65	Y	-	-	-	-	-	Y		
R7995	2	14.5	D2-9 Kindergarten	-	52.2	0	0	10.4	73.3	0	0	73.3	73.3	65	Y	-	-	-	-	-	Y		
R7995	3	19.0	D2-9 Kindergarten	-	52.5	0	0	10.4	72.9	0	0	72.9	72.9	65	Y	-	-	-	-	-	Y		
R7995	4	23.5	D2-9 Kindergarten	-	52.8	0	0	10.4	72.4	0	0	72.4	72.4	65	Y	-	-	-	-	-	Y		
R7996	1	10.0	D2-9 Kindergarten	-	34.1	0	50	39.1	70.1	0	0	70.2	70.2	65	Y	-	-	-	-	-	Y		
R7996	2	14.5	D2-9 Kindergarten	-	36.3	0	50.8	39.1	70.1	0	0	70.1	70.1	65	Y	-	-	-	-	-	Y		
R7996	3	19.0	D2-9 Kindergarten	-	37.7	0	51.3	39.1	69.9	0	0	70	70	65	Y	-	-	-	-	-	Y		
R7996	4	23.5	D2-9 Kindergarten	-	38.4	0	51.9	39.1	69.7	0	0	69.8	69.8	65	Y	-	-	-	-	-	Y		
R7997	1	10.0	D2-9 Kindergarten	-	0	0	49.9	0	44	0	0	50.9	50.9	65	N	-	-	-	-	-	N		
R7997	2	14.5	D2-9 Kindergarten	-	0	0	50.3	0	44	0	0	51.2	51.2	65	N	-	-	-	-	-	N		
R7997	3	19.0	D2-9 Kindergarten	-	0	0	51	0	44	0	0	51.8	51.8	65	N	-	-	-	-	-	N		
R7997	4	23.5	D2-9 Kindergarten	-	0	0	51.4	0	44	0	0	52.1	52.1	65	N	-	-	-	-	-	N		

Note: [1] Other Roads refer to planned road projects carried out by others such as Development of Lok Ma Chau Loop, Liantang / Heung Yuen Wai Boundary Control Point and Associated Works, Widening of Tolo Highway/Fanling Highway etc.  
[2] For landuse planned under NDA project, mitigation measures are required to mitigate the noise level to within noise criteria.  
[3] For existing and planned NSRs outside and within the non-development area of NDA, Direct Mitigation Measures will be required when "With Project Overall Noise Level exceeds Noise Criteria" AND, either "With Project - Without Project Overall Noise Level > 1dB(A)" or "New Roads exceeds Noise Criteria"