Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project Predicted traffic noise level, dB(A)	Without Project Traffic noise level exceeds the criteria	With Project (Unmitigated) Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1101	70	1	39.7	63.6	N	57.7	63.0	64.1	1.1	N	N	N	N
N1101	70	2	42.4	69.9	N	60.0	69.7	70.2	0.5	N	N	N	N
N1101	70	3	45.1	72.9	Y	62.9	72.6	73.1	0.5	N	N	N	N
N1101	70	4	47.8	73.5	Y	66.2	73.1	73.9	0.8	N	N	N	N
N1101	70	5	50.5	73.9	Y	69.2	73.2	74.7	1.5	N	N	Y	Y
N1101	70	6	53.2	74.1	Y	71.5	73.3	75.5	2.2	Y	Y	Y	Y
N1101	70	7	55.9	74.3	Y	73.2	73.4	76.3	2.9	Y	Y	Y	Y
N1101	70	8	58.6	74.4	Y	74.3	73.4	76.9	3.5	Y	Y	Y	Y
N1101	70	9	61.3	74.5	Y	75.0	73.4	77.3	3.9	Y	Y	Y	Y
N1101	70	10	64.0	74.6	Y	75.2	73.5	77.4	3.9	Y	Y	Y	Y
N1101	70	11	66.7	74.7	Y	75.1	73.5	77.4	3.9	Y	Y	Y	Y
N1101	70	12	69.4	74.7	Y	75.1	73.6	77.4	3.8	Y	Y	Y	Y
N1101	70	13	72.1	74.9	Y	75.0	73.7	77.4	3.7	Y	Y	Y	Y
N1101	70	14	74.8	75.0	Y	74.9	73.7	77.3	3.6	Y	Y	Y	Y
N1101	70	15	77.5	75.1	Y	74.7	73.8	77.3	3.5	Y	Y	Y	Y
N1101	70	16	80.2	75.2	Y	74.6	73.8	77.2	3.4	Y	Y	Y	Y
N1101	70	17	82.9	75.3	Y	74.4	73.9	77.2	3.3	Y	Y	Y	Y
N1101	70	18	85.6	75.3	Y	74.3	73.9	77.1	3.2	Y	Y	Y	Y
N1101	70	19	88.3	75.3	Y	74.1	73.9	77.0	3.1	Y	Y	Y	Y
N1101	70	20	91.0	75.3	Y	74.0	73.9	77.0	3.1	Y	Y	Y	Y
N1101	70	21	93.7	75.3	Y	73.9	73.9	76.9	3.0	Y	Y	Y	Y
N1101	70	22	96.4	75.3	Y	73.7	73.8	76.8	3.0	Y	Y	Y	Y
N1101	70	23	99.1	75.3	Y	73.6	73.8	76.7	2.9	Y	Y	Y	Y
N1101	70	24	101.8	75.3	Y	73.5	73.8	76.7	2.9	Y	Y	Y	Y
N1101	70	25	104.5	75.2	Y	73.4	73.7	76.6	2.9	Y	Y	Y	Y
N1101	70	R	107.2	75.2	Y	73.2	73.7	76.5	2.8	Y	Y	Y	Y
N1101	70	27	109.9	75.2	Y	73.1	73.7	76.4	2.7	Y	Y	Y	Y
N1101	70	28	112.6	75.1	Y	73.0	73.6	76.3	2.7	Y	Y	Y	Y
N1101	70	29	115.3	75.1	Y	73.0	73.5	76.3	2.8	Y	Y	Y	Y
N1101	70	30	118.0	75.0	Y	72.9	73.5	76.2	2.7	Y	Y	Y	Y
N1101	70	31	120.7	74.9	Y	72.7	73.4	76.1	2.7	Y	Y	Y	Y
N1101	70	32	123.4	74.9	Y	72.7	73.3	76.0	2.7	Y	Y	Y	Y
N1101	70	33	126.1	74.8	Y	72.6	73.3	75.9	2.6	Y	Y	Y	Y
N1101	70	34	128.8	74.7	Y	72.5	73.2	75.9	2.7	Y	Y	Y	Y
N1101	70	35	131.5	74.7	Y	72.4	73.1	75.8	2.7	Y	Y	Y	Y
N1101	70	36	134.2	74.6	Y	72.3	73.0	75.7	2.7	Y	Y	Y	Y
N1101	70	37	136.9	74.5	Y	72.2	73.0	75.6	2.6	Y	Y	Y	Y
N1101	70	38	139.6	74.4	Y	72.1	72.9	75.5	2.6	Y	Y	Y	Y
N1101	70	39	142.3	74.4	Y	72.0	72.8	75.4	2.6	Y	N	Y	Y
N1101	70	40	145.0	74.3	Y	71.9	72.7	75.3	2.6	Y	N	Y	Y
N1101	70	41	147.7	74.2	Y	71.8	72.7	75.3	2.6	Y	Y	Y	Y
N1101	70	42	150.4	74.1	Y	71.7	72.6	75.2	2.6	Y	Y	Y	Y
N1101	70	43	153.1	74.1	Y	71.6	72.5	75.1	2.6	Y	N	Y	Y
N1101	70	44	155.8	74.0	Y	71.6	72.5	75.1	2.6	Y	Y	Y	Y
N1101	70	45	158.5	73.9	Y	71.5	72.4	75.0	2.6	Y	Y	Y	Y
N1101	70	46	161.2	73.9	Y	71.4	72.3	74.9	2.6	N	N	Y	Y
N1102	70	1	39.7	62.5	N	55.6	62.1	63.0	0.9	N	N	N	N
N1102	70	2	42.4	67.6	N	58.9	67.3	67.9	0.6	N	N	N	N
N1102	70	3	45.1	72.3	Y	62.5	71.9	72.4	0.5	N	N	N	N
N1102	70	4	47.8	73.9	Y	66.9	73.1	74.0	0.9	N	N	N	N
N1102	70	5	50.5	74.5	Y	72.0	73.5	75.8	2.3	Y	Y	Y	Y
N1102	70	6	53.2	74.7	Y	74.1	73.7	76.9	3.2	Y	Y	Y	Y
N1102	70	7	55.9	74.7	Y	74.6	73.8	77.2	3.4	Y	Y	Y	Y
N1102	70	8	58.6	74.8	Y	74.5	73.8	77.2	3.4	Y	Y	Y	Y
N1102	70	9	61.3	74.9	Y	74.4	73.9	77.1	3.2	Y	Y	Y	Y
N1102	70	10	64.0	74.9	Y	74.2	73.9	77.1	3.2	Y	Y	Y	Y
N1102	70	11	66.7	75.0	Y	74.0	73.9	77.0	3.1	Y	Y	Y	Y
N1102	70	12	69.4	75.0	Y	73.8	73.9	76.9	3.0	Y	Y	Y	Y
N1102	70	13	72.1	75.0	Y	73.6	74.0	76.8	2.8	Y	Y	Y	Y
N1102	70	14	74.8	74.9	Y	73.4	73.9	76.7	2.8	Y	Y	Y	Y
N1102	70	15	77.5	74.9	Y	73.2	73.9	76.6	2.7	Y	Y	Y	Y
N1102	70	16	80.2	74.9	Y	73.0	73.9	76.5	2.6	Y	Y	Y	Y
N1102	70	17	82.9	74.9	Y	72.9	73.8	76.4	2.6	Y	Y	Y	Y
N1102	70	18	85.6	74.8	Y	72.7	73.8	76.3	2.5	Y	Y	Y	Y
N1102	70	19	88.3	74.7	Y	72.6	73.7	76.2	2.5	Y	Y	Y	Y
N1102	70	20	91.0	74.6	Y	72.4	73.6	76.0	2.4	Y	Y	Y	Y
N1102	70	21	93.7	74.5	Y	72.3	73.5	75.9	2.4	Y	Y	Y	Y
N1102	70	22	96.4	74.5	Y	72.1	73.5	75.8	2.3	Y	Y	Y	Y
N1102	70	23	99.1	74.4	Y	71.9	73.4	75.7	2.3	Y	Y	Y	Y
N1102	70	24	101.8	74.3	Y	71.8	73.3	75.6	2.3	Y	Y	Y	Y
N1102	70	25	104.5	74.2	Y	71.6	73.2	75.5	2.3	Y	Y	Y	Y
N1102	70	R	107.2	74.1	Y	71.5	73.1	75.4	2.3	Y	Y	Y	Y
N1102	70	27	109.9	74.0	Y	71.4	73.0	75.3	2.3	N	Y	Y	Y
N1102	70	28	112.6	74.0	Y	71.3	73.0	75.2	2.2	N	Y	Y	Y
N1102	70	29	115.3	73.9	Y	71.1	72.9	75.1	2.2	N	Y	Y	Y
N1102	70	30	118.0	73.8	Y	71.0	72.8	75.0	2.2	N	Y	Y	Y
N1102	70	31	120.7	73.7	Y	70.9	72.7	74.9	2.2	N	Y	Y	Y
N1102	70	32	123.4	73.6	Y	70.8	72.6	74.8	2.2	N	Y	Y	Y
N1102	70	33	126.1	73.5	Y	70.7	72.6	74.7	2.1	N	Y	Y	Y
N1102	70	34	128.8	73.4	Y	70.6	72.5	74.7	2.2	N	Y	Y	Y
N1102	70	35	131.5	73.4	Y	70.5	72.4	74.6	2.2	N	Y	Y	Y
N1102	70	36	134.2	73.3	Y	70.4	72.3	74.5	2.2	N	Y	Y	Y
N1102	70	37	136.9	73.2	Y	70.3	72.3	74.4	2.1	N	Y	Y	Y
N1102	70	38	139.6	73.1	Y	70.2	72.2	74.3	2.1	N	Y	Y	Y
N1102	70	39	142.3	73.0	Y	70.1	72.1	74.2	2.1	N	Y	Y	Y
N1102	70	40	145.0	73.0	Y	70.0	72.1	74.2	2.1	N	Y	Y	Y
N1102	70	41	147.7	72.9	Y	69.9	72.0	74.1	2.1	N	Y	Y	Y
N1102	70	42	150.4	72.8	Y	69.8	71.9	74.0	2.1	N	Y	Y	Y
N1102	70	43	153.1	72.7	Y	69.7	71.8	73.9	2.1	N	Y	Y	Y
N1102	70	44	155.8	72.7	Y	69.6	71.8	73.8	2.0	N	Y	Y	Y
N1102	70	45	158.5	72.6	Y	69.5	71.7	73.7	2.0	N	Y	Y	Y
N1102	70	46	161.2	72.5	Y	69.5	71.6	73.7	2.1	N	Y	Y	Y
N1103	70	1	39.7	56.5	N	54.7	54.1	57.4	3.3	N	N	N	N
N1103	70	2	42.4	59.1	N	57.4	56.9	60.1	3.2	N	N	N	N
N1103	70	3	45.1	62.5	N	61.0	60.3	63.7	3.4	N	N	N	N
N1103	70	4	47.8	67.2	N	64.7	65.3	68.0	2.7	N	N	N	N
N1103	70	5	50.5	71.3	Y	67.1	69.4	71.4	2.0	N	N	Y	Y
N1103	70	6	53.2	72.7	Y	69.9	70.7	73.3	2.6	N	N	Y	Y

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project Predicted traffic noise level, dB(A)	Without Project Traffic noise level exceeds the criteria	With Project (Unmitigated) Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1103	70	7	55.9	73.3	Y	72.6	71.0	74.9	3.9	Y	Y	Y	Y
N1103	70	8	58.6	73.6	Y	73.6	71.1	75.6	4.5	Y	Y	Y	Y
N1103	70	9	61.3	73.7	Y	74.0	71.2	75.8	4.6	Y	Y	Y	Y
N1103	70	10	64.0	73.8	Y	74.0	71.3	75.9	4.6	Y	Y	Y	Y
N1103	70	11	66.7	73.9	Y	73.9	71.4	75.9	4.5	Y	Y	Y	Y
N1103	70	12	69.4	74.1	Y	73.8	71.5	75.8	4.3	Y	Y	Y	Y
N1103	70	13	72.1	74.2	Y	73.7	71.7	75.8	4.1	Y	Y	Y	Y
N1103	70	14	74.8	74.2	Y	73.5	71.7	75.7	4.0	Y	Y	Y	Y
N1103	70	15	77.5	74.1	Y	73.4	71.7	75.6	3.9	Y	Y	Y	Y
N1103	70	16	80.2	74.2	Y	73.2	71.7	75.5	3.8	Y	Y	Y	Y
N1103	70	17	82.9	74.1	Y	73.1	71.7	75.5	3.8	Y	Y	Y	Y
N1103	70	18	85.6	74.2	Y	72.9	71.7	75.4	3.7	Y	Y	Y	Y
N1103	70	19	88.3	74.2	Y	72.8	71.7	75.3	3.6	Y	Y	Y	Y
N1103	70	20	91.0	74.1	Y	72.7	71.7	75.2	3.5	Y	Y	Y	Y
N1103	70	21	93.7	74.1	Y	72.6	71.7	75.2	3.5	Y	Y	Y	Y
N1103	70	22	96.4	74.1	Y	72.4	71.7	75.1	3.4	Y	N	Y	Y
N1103	70	23	99.1	74.0	Y	72.3	71.6	75.0	3.4	Y	N	Y	Y
N1103	70	24	101.8	73.9	Y	72.2	71.5	74.9	3.4	Y	N	Y	Y
N1103	70	25	104.5	73.8	Y	72.0	71.4	74.8	3.4	Y	N	Y	Y
N1103	70	R	107.2	73.8	Y	72.0	71.4	74.7	3.3	Y	N	Y	Y
N1103	70	27	109.9	73.7	Y	71.8	71.3	74.6	3.3	Y	N	Y	Y
N1103	70	28	112.6	73.6	Y	71.8	71.2	74.5	3.3	Y	N	Y	Y
N1103	70	29	115.3	73.5	Y	71.6	71.1	74.4	3.3	Y	N	Y	Y
N1103	70	30	118.0	73.5	Y	71.5	71.1	74.3	3.2	Y	N	Y	Y
N1103	70	31	120.7	73.4	Y	71.4	71.0	74.2	3.2	N	N	Y	Y
N1103	70	32	123.4	73.3	Y	71.3	70.9	74.1	3.2	N	N	Y	Y
N1103	70	33	126.1	73.2	Y	71.2	70.8	74.1	3.3	N	N	Y	Y
N1103	70	34	128.8	73.1	Y	71.1	70.7	74.0	3.3	N	N	Y	Y
N1103	70	35	131.5	73.1	Y	71.1	70.7	73.9	3.2	N	N	Y	Y
N1103	70	36	134.2	73.0	Y	71.0	70.6	73.8	3.2	N	N	Y	Y
N1103	70	37	136.9	72.9	Y	70.9	70.5	73.7	3.2	N	N	Y	Y
N1103	70	38	139.6	72.8	Y	70.8	70.4	73.6	3.2	N	N	Y	Y
N1103	70	39	142.3	72.7	Y	70.7	70.4	73.5	3.1	N	N	Y	Y
N1103	70	40	145.0	72.6	Y	70.6	70.3	73.5	3.2	N	N	Y	Y
N1103	70	41	147.7	72.6	Y	70.5	70.2	73.4	3.2	N	N	Y	Y
N1103	70	42	150.4	72.5	Y	70.5	70.1	73.3	3.2	N	N	Y	Y
N1103	70	43	153.1	72.4	Y	70.4	70.0	73.2	3.2	N	N	Y	Y
N1103	70	44	155.8	72.3	Y	70.3	70.0	73.2	3.2	N	N	Y	Y
N1103	70	45	158.5	72.3	Y	70.3	69.9	73.1	3.2	N	N	Y	Y
N1103	70	46	161.2	72.2	Y	70.2	69.8	73.0	3.2	N	N	Y	Y
N1104	70	1	39.7	59.2	N	55.6	57.5	59.7	2.2	N	N	N	N
N1104	70	2	42.4	62.5	N	57.6	61.1	62.7	1.6	N	N	N	N
N1104	70	3	45.1	67.6	N	60.3	66.5	67.5	1.0	N	N	N	N
N1104	70	4	47.8	69.6	N	63.7	68.5	69.7	1.2	N	N	N	N
N1104	70	5	50.5	71.2	Y	65.8	69.8	71.3	1.5	N	N	Y	Y
N1104	70	6	53.2	73.1	Y	67.2	71.5	72.9	1.4	N	N	Y	Y
N1104	70	7	55.9	74.2	Y	68.5	72.4	73.9	1.5	N	N	Y	Y
N1104	70	8	58.6	74.8	Y	70.4	72.8	74.8	2.0	N	N	Y	Y
N1104	70	9	61.3	75.0	Y	72.4	73.0	75.7	2.7	Y	N	Y	Y
N1104	70	10	64.0	75.3	Y	74.0	73.1	76.6	3.5	Y	Y	Y	Y
N1104	70	11	66.7	75.5	Y	74.7	73.3	77.0	3.7	Y	Y	Y	Y
N1104	70	12	69.4	75.8	Y	75.0	73.4	77.3	3.9	Y	Y	Y	Y
N1104	70	13	72.1	75.9	Y	75.1	73.5	77.4	3.9	Y	Y	Y	Y
N1104	70	14	74.8	75.9	Y	75.1	73.6	77.4	3.8	Y	Y	Y	Y
N1104	70	15	77.5	76.0	Y	75.0	73.6	77.4	3.8	Y	Y	Y	Y
N1104	70	16	80.2	76.0	Y	74.9	73.6	77.3	3.7	Y	Y	Y	Y
N1104	70	17	82.9	76.0	Y	74.8	73.6	77.3	3.7	Y	Y	Y	Y
N1104	70	18	85.6	76.0	Y	74.7	73.6	77.2	3.6	Y	Y	Y	Y
N1104	70	19	88.3	75.9	Y	74.6	73.6	77.1	3.5	Y	Y	Y	Y
N1104	70	20	91.0	75.9	Y	74.5	73.6	77.1	3.5	Y	Y	Y	Y
N1104	70	21	93.7	75.9	Y	74.4	73.6	77.0	3.4	Y	Y	Y	Y
N1104	70	22	96.4	75.8	Y	74.2	73.5	76.9	3.4	Y	Y	Y	Y
N1104	70	23	99.1	75.7	Y	74.1	73.5	76.8	3.3	Y	Y	Y	Y
N1104	70	24	101.8	75.7	Y	74.0	73.4	76.7	3.3	Y	N	Y	Y
N1104	70	25	104.5	75.6	Y	73.9	73.3	76.6	3.3	Y	N	Y	Y
N1104	70	R	107.2	75.5	Y	73.8	73.3	76.5	3.2	Y	N	Y	Y
N1104	70	27	109.9	75.5	Y	73.6	73.2	76.4	3.2	Y	N	Y	Y
N1104	70	28	112.6	75.4	Y	73.5	73.1	76.4	3.3	Y	N	Y	Y
N1104	70	29	115.3	75.3	Y	73.4	73.0	76.3	3.3	Y	N	Y	Y
N1104	70	30	118.0	75.2	Y	73.4	73.0	76.2	3.2	Y	N	Y	Y
N1104	70	31	120.7	75.1	Y	73.3	72.9	76.1	3.2	Y	N	Y	Y
N1104	70	32	123.4	75.1	Y	73.2	72.8	76.0	3.2	Y	N	Y	Y
N1104	70	33	126.1	75.0	Y	73.1	72.8	75.9	3.1	Y	N	Y	Y
N1104	70	34	128.8	74.9	Y	73.0	72.7	75.9	3.2	Y	N	Y	Y
N1104	70	35	131.5	74.8	Y	72.9	72.6	75.8	3.2	Y	N	Y	Y
N1104	70	36	134.2	74.7	Y	72.8	72.5	75.7	3.2	Y	N	Y	Y
N1104	70	37	136.9	74.7	Y	72.7	72.5	75.6	3.1	Y	N	Y	Y
N1104	70	38	139.6	74.6	Y	72.6	72.4	75.5	3.1	Y	N	Y	Y
N1104	70	39	142.3	74.5	Y	72.5	72.3	75.4	3.1	Y	N	Y	Y
N1104	70	40	145.0	74.4	Y	72.4	72.3	75.4	3.1	Y	N	Y	Y
N1104	70	41	147.7	74.4	Y	72.3	72.2	75.3	3.1	Y	N	Y	Y
N1104	70	42	150.4	74.3	Y	72.3	72.1	75.2	3.1	Y	N	Y	Y
N1104	70	43	153.1	74.2	Y	72.2	72.1	75.2	3.1	Y	N	Y	Y
N1104	70	44	155.8	74.2	Y	72.1	72.0	75.1	3.1	Y	N	Y	Y
N1104	70	45	158.5	74.1	Y	72.1	72.0	75.0	3.0	Y	N	Y	Y
N1104	70	46	161.2	74.1	Y	72.0	71.9	75.0	3.1	Y	N	Y	Y
N1201	70	1	39.7	59.5	N	55.7	57.9	60.0	2.1	N	N	N	N
N1201	70	2	42.4	62.8	N	57.7	61.5	63.0	1.5	N	N	N	N
N1201	70	3	45.1	68.0	N	60.5	66.9	67.8	0.9	N	N	N	N
N1201	70	4	47.8	70.0	N	63.9	68.8	70.0	1.2	N	N	N	N
N1201	70	5	50.5	71.7	Y	65.9	70.3	71.6	1.3	N	N	Y	Y
N1201	70	6	53.2	73.5	Y	67.3	71.7	73.1	1.4	N	N	Y	Y
N1201	70	7	55.9	74.3	Y	68.7	72.4	74.0	1.6	N	N	Y	Y
N1201	70	8	58.6	74.7	Y	70.7	72.7	74.8	2.1	N	N	Y	Y
N1201	70	9	61.3	75.0	Y	72.8	72.9	75.9	3.0	Y	N	Y	Y
N1201	70	10	64.0	75.3	Y	74.0	73.1	76.6	3.5	Y	Y	Y	Y
N1201	70	11	66.7	75.6	Y	74.7	73.3	77.1	3.8	Y	Y	Y	Y
N1201	70	12	69.4	75.8	Y	75.0	73.5	77.3	3.8	Y	Y	Y	Y

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1201	70	13	72.1	75.9	Y	75.1	73.5	77.4	3.9	Y	Y	Y	Y
N1201	70	14	74.8	75.9	Y	75.1	73.6	77.4	3.8	Y	Y	Y	Y
N1201	70	15	77.5	75.9	Y	75.0	73.6	77.4	3.8	Y	Y	Y	Y
N1201	70	16	80.2	75.9	Y	74.9	73.6	77.3	3.7	Y	Y	Y	Y
N1201	70	17	82.9	75.9	Y	74.8	73.6	77.3	3.7	Y	Y	Y	Y
N1201	70	18	85.6	75.9	Y	74.7	73.6	77.2	3.6	Y	Y	Y	Y
N1201	70	19	88.3	75.9	Y	74.6	73.6	77.1	3.5	Y	Y	Y	Y
N1201	70	20	91.0	75.8	Y	74.4	73.5	77.0	3.5	Y	Y	Y	Y
N1201	70	21	93.7	75.8	Y	74.3	73.5	76.9	3.4	Y	Y	Y	Y
N1201	70	22	96.4	75.7	Y	74.2	73.4	76.8	3.4	Y	Y	Y	Y
N1201	70	23	99.1	75.6	Y	74.1	73.4	76.8	3.4	Y	Y	Y	Y
N1201	70	24	101.8	75.6	Y	74.0	73.3	76.7	3.4	Y	Y	Y	Y
N1201	70	25	104.5	75.5	Y	73.9	73.2	76.6	3.4	Y	Y	Y	Y
N1201	70	26	107.2	75.4	Y	73.8	73.2	76.5	3.3	Y	Y	Y	Y
N1201	70	27	109.9	75.3	Y	73.6	73.1	76.4	3.3	Y	Y	Y	Y
N1201	70	28	112.6	75.2	Y	73.5	73.0	76.3	3.3	Y	Y	Y	Y
N1201	70	29	115.3	75.2	Y	73.4	73.0	76.2	3.2	Y	N	Y	Y
N1201	70	30	118.0	75.1	Y	73.3	72.9	76.1	3.2	Y	N	Y	Y
N1201	70	31	120.7	75.0	Y	73.2	72.8	76.0	3.2	Y	N	Y	Y
N1201	70	32	123.4	74.9	Y	73.1	72.7	76.0	3.3	Y	Y	Y	Y
N1201	70	33	126.1	74.9	Y	73.1	72.7	75.9	3.2	Y	N	Y	Y
N1201	70	34	128.8	74.8	Y	73.0	72.6	75.8	3.2	Y	N	Y	Y
N1201	70	35	131.5	74.7	Y	72.9	72.5	75.7	3.2	Y	N	Y	Y
N1201	70	36	134.2	74.6	Y	72.8	72.5	75.6	3.1	Y	N	Y	Y
N1201	70	37	136.9	74.5	Y	72.7	72.4	75.5	3.1	Y	N	Y	Y
N1201	70	38	139.6	74.5	Y	72.6	72.3	75.5	3.2	Y	N	Y	Y
N1201	70	39	142.3	74.4	Y	72.5	72.2	75.4	3.2	Y	N	Y	Y
N1201	70	40	145.0	74.3	Y	72.4	72.2	75.3	3.1	Y	N	Y	Y
N1202	70	1	39.7	58.5	N	54.4	57.3	59.1	1.8	N	N	N	N
N1202	70	2	42.4	62.8	N	57.2	61.7	63.0	1.3	N	N	N	N
N1202	70	3	45.1	69.1	N	60.3	68.0	68.7	0.7	N	N	N	N
N1202	70	4	47.8	70.8	Y	63.9	69.5	70.6	1.1	N	N	Y	Y
N1202	70	5	50.5	71.9	Y	68.7	70.3	72.6	2.3	N	N	Y	Y
N1202	70	6	53.2	72.8	Y	72.2	70.9	74.6	3.7	Y	Y	Y	Y
N1202	70	7	55.9	73.5	Y	73.5	71.5	75.6	4.1	Y	Y	Y	Y
N1202	70	8	58.6	74.0	Y	73.9	71.9	76.0	4.1	Y	Y	Y	Y
N1202	70	9	61.3	74.3	Y	73.9	72.2	76.1	3.9	Y	Y	Y	Y
N1202	70	10	64.0	74.5	Y	73.8	72.3	76.1	3.8	Y	Y	Y	Y
N1202	70	11	66.7	74.5	Y	73.7	72.4	76.1	3.7	Y	Y	Y	Y
N1202	70	12	69.4	74.6	Y	73.5	72.5	76.0	3.5	Y	Y	Y	Y
N1202	70	13	72.1	74.6	Y	73.3	72.6	76.0	3.4	Y	Y	Y	Y
N1202	70	14	74.8	74.6	Y	73.1	72.6	75.9	3.3	Y	Y	Y	Y
N1202	70	15	77.5	74.6	Y	72.9	72.6	75.8	3.2	Y	Y	Y	Y
N1202	70	16	80.2	74.5	Y	72.8	72.6	75.7	3.1	Y	Y	Y	Y
N1202	70	17	82.9	74.5	Y	72.6	72.5	75.6	3.1	Y	Y	Y	Y
N1202	70	18	85.6	74.4	Y	72.4	72.4	75.4	3.0	Y	N	Y	Y
N1202	70	19	88.3	74.3	Y	72.3	72.4	75.4	3.0	Y	Y	Y	Y
N1202	70	20	91.0	74.2	Y	72.1	72.3	75.2	2.9	Y	N	Y	Y
N1202	70	21	93.7	74.2	Y	72.0	72.3	75.1	2.8	Y	N	Y	Y
N1202	70	22	96.4	74.1	Y	71.9	72.2	75.0	2.8	Y	N	Y	Y
N1202	70	23	99.1	74.0	Y	71.7	72.1	74.9	2.8	Y	N	Y	Y
N1202	70	24	101.8	73.9	Y	71.6	72.1	74.8	2.7	Y	N	Y	Y
N1202	70	25	104.5	73.8	Y	71.5	72.0	74.7	2.7	Y	N	Y	Y
N1202	70	26	107.2	73.7	Y	71.3	71.9	74.6	2.7	N	N	Y	Y
N1202	70	27	109.9	73.7	Y	71.2	71.9	74.5	2.6	N	N	Y	Y
N1202	70	28	112.6	73.6	Y	71.1	71.8	74.5	2.7	N	N	Y	Y
N1202	70	29	115.3	73.5	Y	70.9	71.7	74.4	2.7	N	N	Y	Y
N1202	70	30	118.0	73.4	Y	70.8	71.6	74.3	2.7	N	N	Y	Y
N1202	70	31	120.7	73.3	Y	70.7	71.6	74.2	2.6	N	N	Y	Y
N1202	70	32	123.4	73.3	Y	70.6	71.5	74.1	2.6	N	N	Y	Y
N1202	70	33	126.1	73.2	Y	70.5	71.4	74.0	2.6	N	N	Y	Y
N1202	70	34	128.8	73.1	Y	70.4	71.4	73.9	2.5	N	N	Y	Y
N1202	70	35	131.5	73.0	Y	70.3	71.3	73.8	2.5	N	N	Y	Y
N1202	70	36	134.2	73.0	Y	70.2	71.2	73.8	2.6	N	N	Y	Y
N1202	70	37	136.9	72.9	Y	70.1	71.2	73.7	2.5	N	N	Y	Y
N1202	70	38	139.6	72.8	Y	70.0	71.1	73.6	2.5	N	N	Y	Y
N1202	70	39	142.3	72.8	Y	69.9	71.1	73.5	2.4	N	N	Y	Y
N1202	70	40	145.0	72.7	Y	69.8	71.0	73.4	2.4	N	N	Y	Y
N1203	70	1	39.7	57.2	N	54.7	55.0	57.9	2.9	N	N	N	N
N1203	70	2	42.4	61.0	N	58.5	58.9	61.7	2.8	N	N	N	N
N1203	70	3	45.1	65.9	N	64.9	63.9	67.4	3.5	N	N	N	N
N1203	70	4	47.8	72.6	Y	68.3	70.6	72.6	2.0	N	N	Y	Y
N1203	70	5	50.5	75.5	Y	70.8	73.4	75.3	1.9	N	N	Y	Y
N1203	70	6	53.2	75.9	Y	73.1	73.8	76.5	2.7	Y	N	Y	Y
N1203	70	7	55.9	76.0	Y	74.0	73.7	76.9	3.2	Y	N	Y	Y
N1203	70	8	58.6	76.0	Y	74.2	73.7	77.0	3.3	Y	N	Y	Y
N1203	70	9	61.3	75.9	Y	74.2	73.5	76.9	3.4	Y	N	Y	Y
N1203	70	10	64.0	75.8	Y	74.1	73.4	76.8	3.4	Y	N	Y	Y
N1203	70	11	66.7	75.7	Y	73.9	73.3	76.6	3.3	Y	N	Y	Y
N1203	70	12	69.4	75.6	Y	73.8	73.2	76.5	3.3	Y	N	Y	Y
N1203	70	13	72.1	75.5	Y	73.6	73.1	76.4	3.3	Y	N	Y	Y
N1203	70	14	74.8	75.3	Y	73.5	73.0	76.2	3.2	Y	N	Y	Y
N1203	70	15	77.5	75.2	Y	73.3	72.9	76.1	3.2	Y	N	Y	Y
N1203	70	16	80.2	75.1	Y	73.2	72.8	76.0	3.2	Y	N	Y	Y
N1203	70	17	82.9	75.0	Y	73.0	72.7	75.9	3.2	Y	N	Y	Y
N1203	70	18	85.6	74.9	Y	72.9	72.6	75.7	3.1	Y	N	Y	Y
N1203	70	19	88.3	74.7	Y	72.8	72.4	75.6	3.2	Y	N	Y	Y
N1203	70	20	91.0	74.6	Y	72.6	72.3	75.5	3.2	Y	N	Y	Y
N1203	70	21	93.7	74.5	Y	72.5	72.2	75.4	3.2	Y	N	Y	Y
N1203	70	22	96.4	74.4	Y	72.4	72.1	75.3	3.2	Y	N	Y	Y
N1203	70	23	99.1	74.3	Y	72.3	72.0	75.2	3.2	Y	N	Y	Y
N1203	70	24	101.8	74.2	Y	72.2	71.9	75.1	3.2	Y	N	Y	Y
N1203	70	25	104.5	74.1	Y	72.0	71.8	74.9	3.1	Y	N	Y	Y
N1203	70	26	107.2	74.0	Y	71.9	71.7	74.8	3.1	Y	N	Y	Y
N1203	70	27	109.9	73.9	Y	71.8	71.6	74.7	3.1	Y	N	Y	Y
N1203	70	28	112.6	73.8	Y	71.7	71.5	74.6	3.1	Y	N	Y	Y
N1203	70	29	115.3	73.7	Y	71.6	71.4	74.5	3.1	Y	N	Y	Y
N1203	70	30	118.0	73.6	Y	71.5	71.3	74.4	3.1	Y	N	Y	Y

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A) [Without Project]	Traffic noise level exceeds the criteria [Without Project]	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1203	70	31	120.7	73.5	Y	71.4	71.3	74.4	3.1	N	N	Y	Y
N1203	70	32	123.4	73.4	Y	71.3	71.2	74.3	3.1	N	N	Y	Y
N1203	70	33	126.1	73.3	Y	71.3	71.1	74.2	3.1	N	N	Y	Y
N1203	70	34	128.8	73.2	Y	71.2	71.0	74.1	3.1	N	N	Y	Y
N1203	70	35	131.5	73.1	Y	71.1	70.9	74.0	3.1	N	N	Y	Y
N1203	70	36	134.2	73.0	Y	71.0	70.8	73.9	3.1	N	N	Y	Y
N1203	70	37	136.9	73.0	Y	70.9	70.7	73.8	3.1	N	N	Y	Y
N1203	70	38	139.6	72.9	Y	70.8	70.6	73.7	3.1	N	N	Y	Y
N1203	70	39	142.3	72.8	Y	70.8	70.5	73.7	3.2	N	N	Y	Y
N1203	70	40	145.0	72.7	Y	70.7	70.4	73.6	3.2	N	N	Y	Y
N1204	70	1	39.7	59.9	N	55.7	58.0	60.0	2.0	N	N	N	N
N1204	70	2	42.4	63.4	N	58.3	61.8	63.4	1.6	N	N	N	N
N1204	70	3	45.1	68.6	N	62.6	67.1	68.4	1.3	N	N	N	N
N1204	70	4	47.8	71.7	Y	66.7	70.1	71.7	1.6	N	N	Y	Y
N1204	70	5	50.5	74.8	Y	68.5	73.1	74.4	1.3	N	N	Y	Y
N1204	70	6	53.2	76.9	Y	69.7	75.1	76.2	1.1	N	N	Y	Y
N1204	70	7	55.9	77.6	Y	71.6	75.7	77.1	1.4	Y	N	Y	Y
N1204	70	8	58.6	77.8	Y	73.6	75.9	77.9	2.0	Y	N	Y	Y
N1204	70	9	61.3	77.9	Y	74.6	75.9	78.3	2.4	Y	N	Y	Y
N1204	70	10	64.0	77.9	Y	75.0	75.8	78.4	2.6	Y	N	Y	Y
N1204	70	11	66.7	77.9	Y	75.2	75.7	78.5	2.8	Y	N	Y	Y
N1204	70	12	69.4	77.8	Y	75.2	75.7	78.4	2.7	Y	N	Y	Y
N1204	70	13	72.1	77.8	Y	75.1	75.6	78.4	2.8	Y	N	Y	Y
N1204	70	14	74.8	77.7	Y	75.0	75.5	78.3	2.8	Y	N	Y	Y
N1204	70	15	77.5	77.6	Y	74.9	75.4	78.2	2.8	Y	N	Y	Y
N1204	70	16	80.2	77.5	Y	74.8	75.3	78.1	2.8	Y	N	Y	Y
N1204	70	17	82.9	77.4	Y	74.7	75.2	78.0	2.8	Y	N	Y	Y
N1204	70	18	85.6	77.3	Y	74.5	75.1	77.8	2.7	Y	N	Y	Y
N1204	70	19	88.3	77.2	Y	74.4	75.0	77.7	2.7	Y	N	Y	Y
N1204	70	20	91.0	77.1	Y	74.2	74.9	77.6	2.7	Y	N	Y	Y
N1204	70	21	93.7	77.0	Y	74.1	74.8	77.5	2.7	Y	N	Y	Y
N1204	70	22	96.4	76.9	Y	74.0	74.8	77.4	2.6	Y	N	Y	Y
N1204	70	23	99.1	76.8	Y	73.9	74.7	77.3	2.6	Y	N	Y	Y
N1204	70	24	101.8	76.7	Y	73.8	74.6	77.2	2.6	Y	N	Y	Y
N1204	70	25	104.5	76.6	Y	73.7	74.5	77.1	2.6	Y	N	Y	Y
N1204	70	26	107.2	76.5	Y	73.6	74.4	77.0	2.6	Y	N	Y	Y
N1204	70	27	109.9	76.4	Y	73.4	74.3	76.9	2.6	Y	N	Y	Y
N1204	70	28	112.6	76.4	Y	73.4	74.2	76.8	2.6	Y	N	Y	Y
N1204	70	29	115.3	76.3	Y	73.3	74.1	76.7	2.6	Y	N	Y	Y
N1204	70	30	118.0	76.2	Y	73.2	74.1	76.7	2.6	Y	N	Y	Y
N1204	70	31	120.7	76.1	Y	73.1	74.0	76.6	2.6	Y	N	Y	Y
N1204	70	32	123.4	76.0	Y	73.0	73.9	76.5	2.6	Y	N	Y	Y
N1204	70	33	126.1	75.9	Y	72.9	73.8	76.4	2.6	Y	N	Y	Y
N1204	70	34	128.8	75.8	Y	72.8	73.7	76.3	2.6	Y	N	Y	Y
N1204	70	35	131.5	75.8	Y	72.7	73.7	76.2	2.5	Y	N	Y	Y
N1204	70	36	134.2	75.7	Y	72.6	73.6	76.1	2.5	Y	N	Y	Y
N1204	70	37	136.9	75.6	Y	72.6	73.5	76.1	2.6	Y	N	Y	Y
N1204	70	38	139.6	75.5	Y	72.5	73.4	76.0	2.6	Y	N	Y	Y
N1204	70	39	142.3	75.4	Y	72.4	73.4	75.9	2.5	Y	N	Y	Y
N1204	70	40	145.0	75.4	Y	72.3	73.3	75.8	2.5	Y	N	Y	Y
N1301	70	1	39.7	51.6	N	48.7	49.9	52.4	2.5	N	N	N	N
N1301	70	2	42.4	52.4	N	49.8	50.6	53.2	2.6	N	N	N	N
N1301	70	3	45.1	53.1	N	51.1	51.3	54.2	2.9	N	N	N	N
N1301	70	4	47.8	53.9	N	52.7	52.1	55.4	3.3	N	N	N	N
N1301	70	5	50.5	54.8	N	54.9	52.9	57.0	4.1	N	N	N	N
N1301	70	6	53.2	55.7	N	57.6	53.9	59.1	5.2	N	N	N	N
N1301	70	7	55.9	56.7	N	59.7	54.9	60.9	6.0	N	N	N	N
N1301	70	8	58.6	57.9	N	61.3	56.0	62.4	6.4	N	N	N	N
N1301	70	9	61.3	59.2	N	62.5	57.3	63.7	6.4	N	N	N	N
N1301	70	10	64.0	60.7	N	63.4	58.8	64.7	5.9	N	N	N	N
N1301	70	11	66.7	62.3	N	64.1	60.4	65.7	5.3	N	N	N	N
N1301	70	12	69.4	64.2	N	64.7	62.2	66.6	4.4	N	N	N	N
N1301	70	13	72.1	65.6	N	65.0	63.6	67.4	3.8	N	N	N	N
N1301	70	14	74.8	67.0	N	65.1	65.0	68.1	3.1	N	N	N	N
N1301	70	15	77.5	68.0	N	65.3	66.1	68.7	2.6	N	N	N	N
N1301	70	16	80.2	68.6	N	65.3	66.8	69.2	2.4	N	N	N	N
N1301	70	17	82.9	69.3	N	65.4	67.6	69.7	2.1	N	N	N	N
N1301	70	18	85.6	69.8	N	65.5	68.2	70.1	1.9	N	N	N	N
N1301	70	19	88.3	70.3	N	65.7	68.8	70.5	1.7	N	N	Y	Y
N1301	70	20	91.0	70.6	Y	65.8	69.1	70.7	1.6	N	N	Y	Y
N1301	70	21	93.7	71.0	Y	66.0	69.4	71.0	1.6	N	N	Y	Y
N1301	70	22	96.4	71.2	Y	66.3	69.6	71.3	1.7	N	N	Y	Y
N1301	70	23	99.1	71.4	Y	66.5	69.7	71.4	1.7	N	N	Y	Y
N1301	70	24	101.8	71.5	Y	66.9	69.8	71.6	1.8	N	N	Y	Y
N1301	70	25	104.5	71.6	Y	67.2	69.9	71.8	1.9	N	N	Y	Y
N1301	70	26	107.2	71.6	Y	67.5	69.9	71.9	2.0	N	N	Y	Y
N1301	70	27	109.9	71.7	Y	67.6	69.9	71.9	2.0	N	N	Y	Y
N1301	70	28	112.6	71.7	Y	67.8	69.9	72.0	2.1	N	N	Y	Y
N1301	70	29	115.3	71.7	Y	68.0	69.9	72.0	2.1	N	N	Y	Y
N1301	70	30	118.0	71.6	Y	68.1	69.8	72.1	2.3	N	N	Y	Y
N1301	70	31	120.7	71.6	Y	68.2	69.8	72.1	2.3	N	N	Y	Y
N1301	70	32	123.4	71.6	Y	68.4	69.7	72.1	2.4	N	N	Y	Y
N1301	70	33	126.1	71.5	Y	68.5	69.7	72.1	2.4	N	N	Y	Y
N1301	70	34	128.8	71.5	Y	68.6	69.6	72.1	2.5	N	N	Y	Y
N1301	70	35	131.5	71.5	Y	68.7	69.5	72.2	2.7	N	N	Y	Y
N1301	70	36	134.2	71.4	Y	68.8	69.5	72.1	2.6	N	N	Y	Y
N1301	70	37	136.9	71.4	Y	68.8	69.4	72.1	2.7	N	N	Y	Y
N1301	70	38	139.6	71.3	Y	68.8	69.4	72.1	2.7	N	N	Y	Y
N1301	70	39	142.3	71.3	Y	68.8	69.3	72.1	2.8	N	N	Y	Y
N1301	70	40	145.0	71.2	Y	68.8	69.3	72.1	2.8	N	N	Y	Y
N1302	70	1	39.7	51.7	N	48.1	49.9	52.1	2.2	N	N	N	N
N1302	70	2	42.4	52.4	N	49.1	50.6	52.9	2.3	N	N	N	N
N1302	70	3	45.1	53.2	N	50.2	51.3	53.8	2.5	N	N	N	N
N1302	70	4	47.8	54.0	N	51.7	52.1	54.9	2.8	N	N	N	N
N1302	70	5	50.5	54.9	N	53.7	52.9	56.3	3.4	N	N	N	N
N1302	70	6	53.2	55.9	N	56.1	53.9	58.2	4.3	N	N	N	N
N1302	70	7	55.9	57.0	N	58.2	55.0	59.9	4.9	N	N	N	N
N1302	70	8	58.6	58.3	N	59.8	56.3	61.4	5.1	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1302	70	9	61.3	59.7	N	61.3	57.7	62.8	5.1	N	N	N	N
N1302	70	10	64.0	61.4	N	62.2	59.4	64.0	4.6	N	N	N	N
N1302	70	11	66.7	63.1	N	62.7	61.0	65.0	4.0	N	N	N	N
N1302	70	12	69.4	65.0	N	62.9	62.9	65.9	3.0	N	N	N	N
N1302	70	13	72.1	66.4	N	63.0	64.2	66.7	2.5	N	N	N	N
N1302	70	14	74.8	67.6	N	63.2	65.3	67.4	2.1	N	N	N	N
N1302	70	15	77.5	68.3	N	63.3	66.1	67.9	1.8	N	N	N	N
N1302	70	16	80.2	68.7	N	63.5	66.5	68.2	1.7	N	N	N	N
N1302	70	17	82.9	69.2	N	63.6	66.9	68.6	1.7	N	N	N	N
N1302	70	18	85.6	69.4	N	63.8	67.2	68.9	1.7	N	N	N	N
N1302	70	19	88.3	69.7	N	64.0	67.5	69.1	1.6	N	N	N	N
N1302	70	20	91.0	69.8	N	64.2	67.7	69.3	1.6	N	N	N	N
N1302	70	21	93.7	70.0	N	64.7	67.8	69.6	1.8	N	N	N	N
N1302	70	22	96.4	70.1	N	64.9	67.9	69.7	1.8	N	N	N	N
N1302	70	23	99.1	70.1	N	65.3	68.0	69.9	1.9	N	N	N	N
N1302	70	24	101.8	70.2	N	65.8	68.0	70.1	2.1	N	N	N	N
N1302	70	25	104.5	70.2	N	66.1	68.1	70.2	2.1	N	N	N	N
N1302	70	26	107.2	70.3	N	66.3	68.1	70.3	2.2	N	N	N	N
N1302	70	27	109.9	70.3	N	66.5	68.1	70.4	2.3	N	N	N	N
N1302	70	28	112.6	70.2	N	66.6	68.0	70.4	2.4	N	N	N	N
N1302	70	29	115.3	70.2	N	66.8	68.0	70.4	2.4	N	N	N	N
N1302	70	30	118.0	70.1	N	66.8	67.9	70.4	2.5	N	N	N	N
N1302	70	31	120.7	70.1	N	67.0	67.9	70.5	2.6	N	N	Y	Y
N1302	70	32	123.4	70.1	N	67.1	67.8	70.5	2.7	N	N	Y	Y
N1302	70	33	126.1	70.0	N	67.2	67.8	70.5	2.7	N	N	Y	Y
N1302	70	34	128.8	70.1	N	67.2	67.7	70.5	2.8	N	N	Y	Y
N1302	70	35	131.5	70.0	N	67.3	67.7	70.5	2.8	N	N	Y	Y
N1302	70	36	134.2	69.9	N	67.3	67.6	70.4	2.8	N	N	N	N
N1302	70	37	136.9	69.9	N	67.2	67.6	70.4	2.8	N	N	N	N
N1302	70	38	139.6	69.8	N	67.3	67.5	70.4	2.9	N	N	N	N
N1302	70	39	142.3	69.8	N	67.3	67.5	70.4	2.9	N	N	N	N
N1302	70	40	145.0	69.8	N	67.2	67.4	70.3	2.9	N	N	N	N
N1303	70	1	39.7	50.0	N	46.3	49.0	50.9	1.9	N	N	N	N
N1303	70	2	42.4	51.4	N	48.0	50.1	52.2	2.1	N	N	N	N
N1303	70	3	45.1	52.7	N	49.7	51.3	53.6	2.3	N	N	N	N
N1303	70	4	47.8	53.8	N	51.3	52.5	55.0	2.5	N	N	N	N
N1303	70	5	50.5	55.1	N	53.2	54.0	56.6	2.6	N	N	N	N
N1303	70	6	53.2	56.8	N	55.5	56.0	58.8	2.8	N	N	N	N
N1303	70	7	55.9	58.8	N	58.1	58.2	61.2	3.0	N	N	N	N
N1303	70	8	58.6	60.2	N	60.8	59.7	63.3	3.6	N	N	N	N
N1303	70	9	61.3	61.2	N	62.6	60.7	64.8	4.1	N	N	N	N
N1303	70	10	64.0	62.2	N	63.6	61.6	65.7	4.1	N	N	N	N
N1303	70	11	66.7	63.2	N	64.1	62.6	66.4	3.8	N	N	N	N
N1303	70	12	69.4	64.5	N	64.4	64.1	67.2	3.1	N	N	N	N
N1303	70	13	72.1	65.7	N	64.8	65.6	68.2	2.6	N	N	N	N
N1303	70	14	74.8	67.2	N	65.1	67.1	69.2	2.1	N	N	N	N
N1303	70	15	77.5	68.5	N	65.4	68.4	70.2	1.8	N	N	N	N
N1303	70	16	80.2	69.6	N	65.5	69.3	70.8	1.5	N	N	Y	Y
N1303	70	17	82.9	70.4	N	65.7	69.9	71.3	1.4	N	N	Y	Y
N1303	70	18	85.6	71.1	Y	65.8	70.5	71.7	1.2	N	N	Y	Y
N1303	70	19	88.3	71.7	Y	66.0	70.8	72.1	1.3	N	N	Y	Y
N1303	70	20	91.0	72.1	Y	66.2	71.1	72.3	1.2	N	N	Y	Y
N1303	70	21	93.7	72.4	Y	66.4	71.3	72.5	1.2	N	N	Y	Y
N1303	70	22	96.4	72.6	Y	66.7	71.4	72.7	1.3	N	N	Y	Y
N1303	70	23	99.1	72.7	Y	66.9	71.5	72.8	1.3	N	N	Y	Y
N1303	70	24	101.8	72.8	Y	67.1	71.6	72.9	1.3	N	N	Y	Y
N1303	70	25	104.5	72.9	Y	67.4	71.6	73.0	1.4	N	N	Y	Y
N1303	70	26	107.2	72.8	Y	67.7	71.6	73.1	1.5	N	N	Y	Y
N1303	70	27	109.9	72.8	Y	67.9	71.6	73.1	1.5	N	N	Y	Y
N1303	70	28	112.6	72.8	Y	68.2	71.6	73.2	1.6	N	N	Y	Y
N1303	70	29	115.3	72.8	Y	68.5	71.5	73.3	1.8	N	N	Y	Y
N1303	70	30	118.0	72.7	Y	68.6	71.5	73.3	1.8	N	N	Y	Y
N1303	70	31	120.7	72.7	Y	68.7	71.4	73.3	1.9	N	N	Y	Y
N1303	70	32	123.4	72.7	Y	68.8	71.4	73.3	1.9	N	N	Y	Y
N1303	70	33	126.1	72.6	Y	68.8	71.4	73.3	1.9	N	N	Y	Y
N1303	70	34	128.8	72.6	Y	68.9	71.3	73.3	2.0	N	N	Y	Y
N1303	70	35	131.5	72.5	Y	68.9	71.2	73.2	2.0	N	N	Y	Y
N1303	70	36	134.2	72.4	Y	68.9	71.2	73.2	2.0	N	N	Y	Y
N1303	70	37	136.9	72.4	Y	68.9	71.1	73.2	2.1	N	N	Y	Y
N1303	70	38	139.6	72.3	Y	68.9	71.1	73.2	2.1	N	N	Y	Y
N1303	70	39	142.3	72.3	Y	68.9	71.0	73.1	2.1	N	N	Y	Y
N1303	70	40	145.0	72.2	Y	68.9	71.0	73.1	2.1	N	N	Y	Y
N1304	70	1	39.7	57.5	N	55.6	56.7	59.2	2.5	N	N	N	N
N1304	70	2	42.4	59.6	N	56.4	58.7	60.7	2.0	N	N	N	N
N1304	70	3	45.1	61.8	N	57.2	60.8	62.4	1.6	N	N	N	N
N1304	70	4	47.8	64.0	N	58.0	62.8	64.1	1.3	N	N	N	N
N1304	70	5	50.5	65.9	N	58.9	64.5	65.5	1.0	N	N	N	N
N1304	70	6	53.2	66.9	N	60.2	65.4	66.6	1.2	N	N	N	N
N1304	70	7	55.9	67.6	N	61.3	66.1	67.4	1.3	N	N	N	N
N1304	70	8	58.6	68.3	N	62.5	66.8	68.2	1.4	N	N	N	N
N1304	70	9	61.3	69.0	N	63.7	67.5	69.0	1.5	N	N	N	N
N1304	70	10	64.0	69.7	N	64.7	68.2	69.8	1.6	N	N	N	N
N1304	70	11	66.7	70.3	N	65.4	68.7	70.4	1.7	N	N	N	N
N1304	70	12	69.4	70.8	Y	65.8	69.2	70.9	1.7	N	N	Y	Y
N1304	70	13	72.1	71.2	Y	66.0	69.7	71.2	1.5	N	N	Y	Y
N1304	70	14	74.8	71.7	Y	66.3	70.2	71.7	1.5	N	N	Y	Y
N1304	70	15	77.5	72.1	Y	66.6	70.7	72.2	1.5	N	N	Y	Y
N1304	70	16	80.2	72.6	Y	66.8	71.4	72.7	1.3	N	N	Y	Y
N1304	70	17	82.9	73.1	Y	67.0	71.9	73.1	1.2	N	N	Y	Y
N1304	70	18	85.6	73.5	Y	67.1	72.3	73.5	1.2	N	N	Y	Y
N1304	70	19	88.3	73.9	Y	67.2	72.7	73.8	1.1	N	N	Y	Y
N1304	70	20	91.0	74.2	Y	67.4	72.9	74.0	1.1	N	N	Y	Y
N1304	70	21	93.7	74.4	Y	67.7	73.0	74.2	1.2	N	N	Y	Y
N1304	70	22	96.4	74.5	Y	68.0	73.2	74.3	1.1	N	N	Y	Y
N1304	70	23	99.1	74.6	Y	68.3	73.2	74.4	1.2	N	N	Y	Y
N1304	70	24	101.8	74.7	Y	68.6	73.3	74.5	1.2	N	N	Y	Y
N1304	70	25	104.5	74.8	Y	68.8	73.3	74.6	1.3	N	N	Y	Y
N1304	70	26	107.2	74.8	Y	68.9	73.3	74.6	1.3	N	N	Y	Y

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1304	70	27	109.9	74.8	Y	69.1	73.3	74.7	1.4	N	N	Y	Y
N1304	70	28	112.6	74.8	Y	69.4	73.3	74.7	1.4	N	N	Y	Y
N1304	70	29	115.3	74.7	Y	69.5	73.2	74.8	1.6	N	N	Y	Y
N1304	70	30	118.0	74.7	Y	69.7	73.2	74.8	1.6	N	N	Y	Y
N1304	70	31	120.7	74.7	Y	69.8	73.2	74.8	1.6	N	N	Y	Y
N1304	70	32	123.4	74.6	Y	70.0	73.1	74.8	1.7	N	N	Y	Y
N1304	70	33	126.1	74.6	Y	70.1	73.1	74.8	1.7	N	N	Y	Y
N1304	70	34	128.8	74.6	Y	70.1	73.0	74.8	1.8	N	N	Y	Y
N1304	70	35	131.5	74.5	Y	70.2	73.0	74.8	1.8	N	N	Y	Y
N1304	70	36	134.2	74.5	Y	70.2	72.9	74.8	1.9	N	N	Y	Y
N1304	70	37	136.9	74.4	Y	70.2	72.9	74.7	1.8	N	N	Y	Y
N1304	70	38	139.6	74.4	Y	70.2	72.8	74.7	1.9	N	N	Y	Y
N1304	70	39	142.3	74.3	Y	70.2	72.8	74.7	1.9	N	N	Y	Y
N1304	70	40	145.0	74.2	Y	70.2	72.7	74.6	1.9	N	N	Y	Y
N1401	70	1	39.7	61.1	N	0.0	61.1	61.1	0.0	N	N	N	N
N1401	70	2	42.4	63.5	N	0.0	63.5	63.5	0.0	N	N	N	N
N1401	70	3	45.1	65.5	N	0.0	65.6	65.6	0.0	N	N	N	N
N1401	70	4	47.8	66.7	N	0.0	66.8	66.8	0.0	N	N	N	N
N1401	70	5	50.5	67.5	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	6	53.2	67.9	N	0.0	68.2	68.2	0.0	N	N	N	N
N1401	70	7	55.9	67.9	N	0.0	68.2	68.2	0.0	N	N	N	N
N1401	70	8	58.6	67.8	N	0.0	68.2	68.2	0.0	N	N	N	N
N1401	70	9	61.3	67.7	N	0.0	68.0	68.0	0.0	N	N	N	N
N1401	70	10	64.0	67.7	N	0.0	67.9	67.9	0.0	N	N	N	N
N1401	70	11	66.7	67.6	N	0.0	67.8	67.8	0.0	N	N	N	N
N1401	70	12	69.4	67.5	N	0.0	67.8	67.8	0.0	N	N	N	N
N1401	70	13	72.1	67.5	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	14	74.8	67.5	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	15	77.5	67.5	N	0.0	67.6	67.6	0.0	N	N	N	N
N1401	70	16	80.2	67.5	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	17	82.9	67.6	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	18	85.6	67.7	N	0.0	67.8	67.8	0.0	N	N	N	N
N1401	70	19	88.3	67.7	N	0.0	67.8	67.8	0.0	N	N	N	N
N1401	70	20	91.0	67.7	N	0.0	67.8	67.8	0.0	N	N	N	N
N1401	70	21	93.7	67.7	N	0.0	67.8	67.8	0.0	N	N	N	N
N1401	70	22	96.4	67.7	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	23	99.1	67.6	N	0.0	67.7	67.7	0.0	N	N	N	N
N1401	70	24	101.8	67.6	N	0.0	67.6	67.6	0.0	N	N	N	N
N1401	70	25	104.5	67.6	N	0.0	67.6	67.6	0.0	N	N	N	N
N1401	70	26	107.2	67.6	N	0.0	67.6	67.6	0.0	N	N	N	N
N1401	70	27	109.9	67.5	N	0.0	67.5	67.5	0.0	N	N	N	N
N1401	70	28	112.6	67.5	N	0.0	67.5	67.5	0.0	N	N	N	N
N1401	70	29	115.3	67.5	N	0.0	67.5	67.5	0.0	N	N	N	N
N1401	70	30	118.0	67.4	N	0.0	67.5	67.5	0.0	N	N	N	N
N1401	70	31	120.7	67.4	N	0.0	67.4	67.4	0.0	N	N	N	N
N1401	70	32	123.4	67.4	N	0.0	67.4	67.4	0.0	N	N	N	N
N1401	70	33	126.1	67.3	N	0.0	67.4	67.4	0.0	N	N	N	N
N1401	70	34	128.8	67.3	N	0.0	67.3	67.3	0.0	N	N	N	N
N1401	70	35	131.5	67.2	N	0.0	67.3	67.3	0.0	N	N	N	N
N1401	70	36	134.2	67.2	N	0.0	67.2	67.2	0.0	N	N	N	N
N1401	70	37	136.9	67.1	N	0.0	67.2	67.2	0.0	N	N	N	N
N1401	70	38	139.6	67.1	N	0.0	67.2	67.2	0.0	N	N	N	N
N1401	70	39	142.3	67.0	N	0.0	67.1	67.1	0.0	N	N	N	N
N1401	70	40	145.0	67.0	N	0.0	67.0	67.0	0.0	N	N	N	N
N1402	70	1	39.7	58.1	N	43.2	58.0	58.1	0.1	N	N	N	N
N1402	70	2	42.4	61.8	N	47.7	61.5	61.7	0.2	N	N	N	N
N1402	70	3	45.1	64.5	N	51.7	64.4	64.6	0.2	N	N	N	N
N1402	70	4	47.8	66.0	N	52.8	66.1	66.3	0.2	N	N	N	N
N1402	70	5	50.5	66.5	N	53.1	66.6	66.8	0.2	N	N	N	N
N1402	70	6	53.2	66.6	N	53.1	66.7	66.9	0.2	N	N	N	N
N1402	70	7	55.9	66.7	N	53.1	66.8	67.0	0.2	N	N	N	N
N1402	70	8	58.6	66.7	N	53.1	66.8	67.0	0.2	N	N	N	N
N1402	70	9	61.3	66.6	N	53.1	66.7	66.9	0.2	N	N	N	N
N1402	70	10	64.0	66.6	N	53.1	66.7	66.9	0.2	N	N	N	N
N1402	70	11	66.7	66.6	N	53.0	66.7	66.9	0.2	N	N	N	N
N1402	70	12	69.4	66.7	N	53.0	66.7	66.9	0.2	N	N	N	N
N1402	70	13	72.1	66.7	N	53.0	66.8	67.0	0.2	N	N	N	N
N1402	70	14	74.8	66.8	N	53.0	66.9	67.1	0.2	N	N	N	N
N1402	70	15	77.5	66.9	N	52.9	67.0	67.2	0.2	N	N	N	N
N1402	70	16	80.2	67.0	N	52.9	67.1	67.2	0.1	N	N	N	N
N1402	70	17	82.9	67.1	N	52.9	67.1	67.3	0.2	N	N	N	N
N1402	70	18	85.6	67.2	N	52.8	67.2	67.3	0.1	N	N	N	N
N1402	70	19	88.3	67.3	N	52.8	67.3	67.4	0.1	N	N	N	N
N1402	70	20	91.0	67.3	N	52.8	67.3	67.4	0.1	N	N	N	N
N1402	70	21	93.7	67.3	N	52.8	67.3	67.5	0.2	N	N	N	N
N1402	70	22	96.4	67.4	N	52.7	67.3	67.5	0.2	N	N	N	N
N1402	70	23	99.1	67.3	N	52.7	67.3	67.4	0.1	N	N	N	N
N1402	70	24	101.8	67.3	N	52.7	67.3	67.4	0.1	N	N	N	N
N1402	70	25	104.5	67.3	N	52.7	67.3	67.4	0.1	N	N	N	N
N1402	70	26	107.2	67.3	N	52.6	67.2	67.4	0.2	N	N	N	N
N1402	70	27	109.9	67.3	N	52.6	67.2	67.4	0.2	N	N	N	N
N1402	70	28	112.6	67.2	N	52.6	67.2	67.4	0.2	N	N	N	N
N1402	70	29	115.3	67.2	N	52.6	67.1	67.3	0.2	N	N	N	N
N1402	70	30	118.0	67.2	N	52.5	67.1	67.3	0.2	N	N	N	N
N1402	70	31	120.7	67.1	N	52.5	67.1	67.3	0.2	N	N	N	N
N1402	70	32	123.4	67.1	N	52.5	67.1	67.2	0.1	N	N	N	N
N1402	70	33	126.1	67.1	N	52.4	67.1	67.2	0.1	N	N	N	N
N1402	70	34	128.8	67.1	N	52.4	67.0	67.2	0.2	N	N	N	N
N1402	70	35	131.5	67.0	N	52.4	67.0	67.2	0.2	N	N	N	N
N1402	70	36	134.2	67.0	N	52.3	67.0	67.1	0.1	N	N	N	N
N1402	70	37	136.9	67.0	N	52.3	67.0	67.1	0.1	N	N	N	N
N1402	70	38	139.6	66.9	N	52.3	66.9	67.1	0.2	N	N	N	N
N1402	70	39	142.3	66.9	N	52.3	66.9	67.0	0.1	N	N	N	N
N1402	70	40	145.0	66.9	N	52.4	66.8	67.0	0.2	N	N	N	N
N1403	70	1	39.7	64.1	N	36.4	64.6	64.6	0.0	N	N	N	N
N1403	70	2	42.4	66.4	N	36.4	66.9	66.9	0.0	N	N	N	N
N1403	70	3	45.1	67.2	N	36.4	67.6	67.6	0.0	N	N	N	N
N1403	70	4	47.8	67.3	N	36.4	67.6	67.6	0.0	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project road) the exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1403	70	5	50.5	67.3	N	36.4	67.6	67.6	0.0	N	N	N	N
N1403	70	6	53.2	67.4	N	36.4	67.6	67.6	0.0	N	N	N	N
N1403	70	7	55.9	67.6	N	36.4	67.8	67.8	0.0	N	N	N	N
N1403	70	8	58.6	67.8	N	36.4	67.9	67.9	0.0	N	N	N	N
N1403	70	9	61.3	67.9	N	36.4	68.0	68.0	0.0	N	N	N	N
N1403	70	10	64.0	68.0	N	36.4	68.1	68.1	0.0	N	N	N	N
N1403	70	11	66.7	68.1	N	36.4	68.2	68.2	0.0	N	N	N	N
N1403	70	12	69.4	68.2	N	36.4	68.4	68.4	0.0	N	N	N	N
N1403	70	13	72.1	68.3	N	36.4	68.6	68.6	0.0	N	N	N	N
N1403	70	14	74.8	68.4	N	36.4	68.6	68.6	0.0	N	N	N	N
N1403	70	15	77.5	68.4	N	36.4	68.7	68.7	0.0	N	N	N	N
N1403	70	16	80.2	68.4	N	36.3	68.7	68.7	0.0	N	N	N	N
N1403	70	17	82.9	68.4	N	36.3	68.6	68.6	0.0	N	N	N	N
N1403	70	18	85.6	68.3	N	36.3	68.6	68.6	0.0	N	N	N	N
N1403	70	19	88.3	68.3	N	36.3	68.6	68.6	0.0	N	N	N	N
N1403	70	20	91.0	68.2	N	36.3	68.5	68.5	0.0	N	N	N	N
N1403	70	21	93.7	68.1	N	36.2	68.4	68.4	0.0	N	N	N	N
N1403	70	22	96.4	68.0	N	36.2	68.3	68.3	0.0	N	N	N	N
N1403	70	23	99.1	68.0	N	36.2	68.3	68.3	0.0	N	N	N	N
N1403	70	24	101.8	67.9	N	36.1	68.2	68.2	0.0	N	N	N	N
N1403	70	25	104.5	67.9	N	36.1	68.1	68.1	0.0	N	N	N	N
N1403	70	26	107.2	67.9	N	36.1	68.1	68.1	0.0	N	N	N	N
N1403	70	27	109.9	67.8	N	36.1	68.1	68.1	0.0	N	N	N	N
N1403	70	28	112.6	67.8	N	36.0	68.1	68.1	0.0	N	N	N	N
N1403	70	29	115.3	67.9	N	36.0	68.1	68.1	0.0	N	N	N	N
N1403	70	30	118.0	67.9	N	36.0	68.2	68.2	0.0	N	N	N	N
N1403	70	31	120.7	67.9	N	35.9	68.1	68.1	0.0	N	N	N	N
N1403	70	32	123.4	67.9	N	35.9	68.2	68.2	0.0	N	N	N	N
N1403	70	33	126.1	68.0	N	35.8	68.3	68.3	0.0	N	N	N	N
N1403	70	34	128.8	68.0	N	35.8	68.2	68.2	0.0	N	N	N	N
N1403	70	35	131.5	68.0	N	35.8	68.2	68.2	0.0	N	N	N	N
N1403	70	36	134.2	68.0	N	35.8	68.2	68.2	0.0	N	N	N	N
N1403	70	37	136.9	67.9	N	36.5	68.1	68.1	0.0	N	N	N	N
N1403	70	38	139.6	67.8	N	37.6	68.1	68.1	0.0	N	N	N	N
N1403	70	39	142.3	67.8	N	39.1	68.0	68.0	0.0	N	N	N	N
N1403	70	40	145.0	67.8	N	40.9	68.0	68.0	0.0	N	N	N	N
N1404	70	1	39.7	56.5	N	0.0	56.7	56.7	0.0	N	N	N	N
N1404	70	2	42.4	58.9	N	0.0	59.2	59.2	0.0	N	N	N	N
N1404	70	3	45.1	61.0	N	0.0	61.5	61.5	0.0	N	N	N	N
N1404	70	4	47.8	62.7	N	0.0	63.3	63.3	0.0	N	N	N	N
N1404	70	5	50.5	63.6	N	0.0	64.1	64.1	0.0	N	N	N	N
N1404	70	6	53.2	64.1	N	0.0	64.5	64.5	0.0	N	N	N	N
N1404	70	7	55.9	64.5	N	0.0	64.8	64.8	0.0	N	N	N	N
N1404	70	8	58.6	65.1	N	0.0	65.3	65.3	0.0	N	N	N	N
N1404	70	9	61.3	65.9	N	0.0	66.0	66.0	0.0	N	N	N	N
N1404	70	10	64.0	66.5	N	0.0	66.4	66.4	0.0	N	N	N	N
N1404	70	11	66.7	66.7	N	0.0	66.6	66.6	0.0	N	N	N	N
N1404	70	12	69.4	66.9	N	0.0	66.8	66.8	0.0	N	N	N	N
N1404	70	13	72.1	67.0	N	0.0	67.0	67.0	0.0	N	N	N	N
N1404	70	14	74.8	67.1	N	0.0	67.2	67.2	0.0	N	N	N	N
N1404	70	15	77.5	67.2	N	0.0	67.3	67.3	0.0	N	N	N	N
N1404	70	16	80.2	67.4	N	0.0	67.6	67.6	0.0	N	N	N	N
N1404	70	17	82.9	67.5	N	0.0	67.8	67.8	0.0	N	N	N	N
N1404	70	18	85.6	67.6	N	0.0	68.0	68.0	0.0	N	N	N	N
N1404	70	19	88.3	67.7	N	0.0	68.1	68.1	0.0	N	N	N	N
N1404	70	20	91.0	67.8	N	0.0	68.2	68.2	0.0	N	N	N	N
N1404	70	21	93.7	67.8	N	0.0	68.2	68.2	0.0	N	N	N	N
N1404	70	22	96.4	67.8	N	0.0	68.2	68.2	0.0	N	N	N	N
N1404	70	23	99.1	67.8	N	0.0	68.1	68.1	0.0	N	N	N	N
N1404	70	24	101.8	67.8	N	0.0	68.2	68.2	0.0	N	N	N	N
N1404	70	25	104.5	67.8	N	0.0	68.1	68.1	0.0	N	N	N	N
N1404	70	26	107.2	67.7	N	0.0	68.1	68.1	0.0	N	N	N	N
N1404	70	27	109.9	67.7	N	0.0	68.1	68.1	0.0	N	N	N	N
N1404	70	28	112.6	67.8	N	0.0	68.1	68.1	0.0	N	N	N	N
N1404	70	29	115.3	67.7	N	0.0	68.0	68.0	0.0	N	N	N	N
N1404	70	30	118.0	67.7	N	0.0	68.0	68.0	0.0	N	N	N	N
N1404	70	31	120.7	67.7	N	0.0	68.0	68.0	0.0	N	N	N	N
N1404	70	32	123.4	67.7	N	0.0	68.0	68.0	0.0	N	N	N	N
N1404	70	33	126.1	67.6	N	0.0	67.9	67.9	0.0	N	N	N	N
N1404	70	34	128.8	67.5	N	0.0	67.8	67.8	0.0	N	N	N	N
N1404	70	35	131.5	67.5	N	0.0	67.8	67.8	0.0	N	N	N	N
N1404	70	36	134.2	67.4	N	0.0	67.7	67.7	0.0	N	N	N	N
N1404	70	37	136.9	67.3	N	0.0	67.6	67.6	0.0	N	N	N	N
N1404	70	38	139.6	67.3	N	0.0	67.6	67.6	0.0	N	N	N	N
N1404	70	39	142.3	67.2	N	0.0	67.5	67.5	0.0	N	N	N	N
N1404	70	40	145.0	67.1	N	0.0	67.4	67.4	0.0	N	N	N	N
N1501	70	1	39.7	51.9	N	36.6	52.1	52.2	0.1	N	N	N	N
N1501	70	2	42.4	53.9	N	36.6	54.1	54.2	0.1	N	N	N	N
N1501	70	3	45.1	57.2	N	36.6	57.4	57.4	0.0	N	N	N	N
N1501	70	4	47.8	59.4	N	36.6	59.5	59.5	0.0	N	N	N	N
N1501	70	5	50.5	61.6	N	36.7	61.6	61.6	0.0	N	N	N	N
N1501	70	6	53.2	64.1	N	36.7	63.9	63.9	0.0	N	N	N	N
N1501	70	7	55.9	65.1	N	36.7	64.9	64.9	0.0	N	N	N	N
N1501	70	8	58.6	65.7	N	36.7	65.8	65.8	0.0	N	N	N	N
N1501	70	9	61.3	66.2	N	36.7	66.4	66.4	0.0	N	N	N	N
N1501	70	10	64.0	66.6	N	36.7	67.1	67.1	0.0	N	N	N	N
N1501	70	11	66.7	67.0	N	36.7	67.5	67.5	0.0	N	N	N	N
N1501	70	12	69.4	67.2	N	36.6	67.9	67.9	0.0	N	N	N	N
N1501	70	13	72.1	67.4	N	36.6	68.0	68.0	0.1	N	N	N	N
N1501	70	14	74.8	67.5	N	36.7	68.1	68.1	0.0	N	N	N	N
N1501	70	15	77.5	67.5	N	36.6	68.1	68.1	0.0	N	N	N	N
N1501	70	16	80.2	67.5	N	36.6	68.0	68.0	0.0	N	N	N	N
N1501	70	17	82.9	67.4	N	36.6	67.9	67.9	0.0	N	N	N	N
N1501	70	18	85.6	67.3	N	36.6	67.8	67.8	0.0	N	N	N	N
N1501	70	19	88.3	67.2	N	36.6	67.7	67.7	0.0	N	N	N	N
N1501	70	20	91.0	67.1	N	36.5	67.6	67.6	0.0	N	N	N	N
N1501	70	21	93.7	67.0	N	36.5	67.5	67.5	0.0	N	N	N	N
N1501	70	22	96.4	66.9	N	36.5	67.4	67.4	0.0	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1501	70	23	99.1	66.7	N	36.5	67.2	67.2	0.0	N	N	N	N
N1501	70	24	101.8	66.7	N	36.5	67.1	67.1	0.0	N	N	N	N
N1501	70	25	104.5	66.6	N	36.5	67.0	67.0	0.0	N	N	N	N
N1501	70	R	107.2	66.4	N	36.4	66.8	66.8	0.0	N	N	N	N
N1501	70	27	109.9	66.4	N	36.4	66.8	66.8	0.0	N	N	N	N
N1501	70	28	112.6	66.2	N	36.4	66.6	66.6	0.0	N	N	N	N
N1501	70	29	115.3	66.2	N	36.3	66.5	66.5	0.0	N	N	N	N
N1501	70	30	118.0	66.1	N	36.3	66.4	66.4	0.0	N	N	N	N
N1501	70	31	120.7	66.0	N	36.3	66.3	66.3	0.0	N	N	N	N
N1501	70	32	123.4	65.9	N	36.3	66.2	66.2	0.0	N	N	N	N
N1501	70	33	126.1	65.8	N	36.2	66.1	66.1	0.0	N	N	N	N
N1501	70	34	128.8	65.7	N	36.2	66.1	66.1	0.0	N	N	N	N
N1501	70	35	131.5	65.6	N	36.2	66.0	66.0	0.0	N	N	N	N
N1501	70	36	134.2	65.6	N	36.1	65.9	65.9	0.0	N	N	N	N
N1501	70	37	136.9	65.5	N	36.2	65.8	65.8	0.0	N	N	N	N
N1501	70	38	139.6	65.4	N	36.2	65.8	65.8	0.0	N	N	N	N
N1501	70	39	142.3	65.4	N	36.2	65.7	65.7	0.0	N	N	N	N
N1501	70	40	145.0	65.3	N	36.2	65.6	65.6	0.0	N	N	N	N
N1501	70	41	147.7	65.2	N	36.3	65.6	65.6	0.0	N	N	N	N
N1501	70	42	150.4	65.2	N	36.5	65.5	65.5	0.0	N	N	N	N
N1501	70	43	153.1	65.1	N	37.4	65.5	65.5	0.0	N	N	N	N
N1501	70	44	155.8	65.1	N	39.0	65.4	65.4	0.0	N	N	N	N
N1501	70	45	158.5	65.1	N	41.0	65.4	65.4	0.0	N	N	N	N
N1501	70	46	161.2	65.1	N	43.3	65.3	65.3	0.0	N	N	N	N
N1502	70	1	39.7	61.7	N	35.0	61.9	61.9	0.0	N	N	N	N
N1502	70	2	42.4	64.2	N	35.0	64.2	64.2	0.0	N	N	N	N
N1502	70	3	45.1	67.4	N	35.0	67.2	67.2	0.0	N	N	N	N
N1502	70	4	47.8	70.0	N	35.0	69.7	69.7	0.0	N	N	N	N
N1502	70	5	50.5	71.7	Y	35.0	71.3	71.3	0.0	N	N	N	N
N1502	70	6	53.2	72.3	Y	35.0	72.1	72.1	0.0	N	N	N	N
N1502	70	7	55.9	72.8	Y	35.0	72.7	72.7	0.0	N	N	N	N
N1502	70	8	58.6	73.1	Y	35.0	73.1	73.1	0.0	N	N	N	N
N1502	70	9	61.3	73.2	Y	35.0	73.3	73.3	0.0	N	N	N	N
N1502	70	10	64.0	73.2	Y	34.9	73.4	73.4	0.0	N	N	N	N
N1502	70	11	66.7	73.1	Y	34.9	73.3	73.3	0.0	N	N	N	N
N1502	70	12	69.4	73.0	Y	34.9	73.2	73.2	0.0	N	N	N	N
N1502	70	13	72.1	72.8	Y	34.9	73.0	73.0	0.0	N	N	N	N
N1502	70	14	74.8	72.7	Y	34.9	72.9	72.9	0.0	N	N	N	N
N1502	70	15	77.5	72.5	Y	34.8	72.7	72.7	0.0	N	N	N	N
N1502	70	16	80.2	72.4	Y	34.8	72.6	72.6	0.0	N	N	N	N
N1502	70	17	82.9	72.3	Y	34.8	72.5	72.5	0.0	N	N	N	N
N1502	70	18	85.6	72.2	Y	34.8	72.4	72.4	0.0	N	N	N	N
N1502	70	19	88.3	72.2	Y	34.7	72.4	72.4	0.0	N	N	N	N
N1502	70	20	91.0	72.1	Y	34.7	72.3	72.3	0.0	N	N	N	N
N1502	70	21	93.7	72.2	Y	34.7	72.4	72.4	0.0	N	N	N	N
N1502	70	22	96.4	72.2	Y	34.6	72.4	72.4	0.0	N	N	N	N
N1502	70	23	99.1	72.3	Y	34.6	72.5	72.5	0.0	N	N	N	N
N1502	70	24	101.8	72.3	Y	34.6	72.5	72.5	0.0	N	N	N	N
N1502	70	25	104.5	72.3	Y	34.5	72.5	72.5	0.0	N	N	N	N
N1502	70	R	107.2	72.3	Y	34.5	72.5	72.5	0.0	N	N	N	N
N1502	70	27	109.9	72.2	Y	34.5	72.4	72.4	0.0	N	N	N	N
N1502	70	28	112.6	72.1	Y	34.4	72.3	72.3	0.0	N	N	N	N
N1502	70	29	115.3	72.0	Y	34.4	72.2	72.2	0.0	N	N	N	N
N1502	70	30	118.0	72.0	Y	34.4	72.1	72.1	0.0	N	N	N	N
N1502	70	31	120.7	71.8	Y	34.3	72.0	72.0	0.0	N	N	N	N
N1502	70	32	123.4	71.8	Y	34.3	71.9	71.9	0.0	N	N	N	N
N1502	70	33	126.1	71.7	Y	34.3	71.9	71.9	0.0	N	N	N	N
N1502	70	34	128.8	71.6	Y	34.2	71.8	71.8	0.0	N	N	N	N
N1502	70	35	131.5	71.5	Y	34.2	71.7	71.7	0.0	N	N	N	N
N1502	70	36	134.2	71.5	Y	34.2	71.6	71.6	0.0	N	N	N	N
N1502	70	37	136.9	71.4	Y	34.1	71.5	71.5	0.0	N	N	N	N
N1502	70	38	139.6	71.3	Y	34.1	71.5	71.5	0.0	N	N	N	N
N1502	70	39	142.3	71.2	Y	34.1	71.4	71.4	0.0	N	N	N	N
N1502	70	40	145.0	71.2	Y	34.0	71.3	71.3	0.0	N	N	N	N
N1502	70	41	147.7	71.1	Y	34.0	71.3	71.3	0.0	N	N	N	N
N1502	70	42	150.4	71.0	Y	33.9	71.2	71.2	0.0	N	N	N	N
N1502	70	43	153.1	71.0	Y	34.1	71.1	71.1	0.0	N	N	N	N
N1502	70	44	155.8	70.9	Y	34.6	71.0	71.0	0.0	N	N	N	N
N1502	70	45	158.5	70.8	Y	35.1	71.0	71.0	0.0	N	N	N	N
N1502	70	46	161.2	70.7	Y	35.6	70.9	70.9	0.0	N	N	N	N
N1503	70	1	39.7	59.5	N	0.0	59.6	59.6	0.0	N	N	N	N
N1503	70	2	42.4	61.7	N	0.0	61.7	61.7	0.0	N	N	N	N
N1503	70	3	45.1	65.1	N	0.0	64.8	64.8	0.0	N	N	N	N
N1503	70	4	47.8	69.3	N	0.0	68.8	68.8	0.0	N	N	N	N
N1503	70	5	50.5	71.2	Y	0.0	70.7	70.7	0.0	N	N	N	N
N1503	70	6	53.2	71.9	Y	0.0	71.7	71.7	0.0	N	N	N	N
N1503	70	7	55.9	72.5	Y	0.0	72.4	72.4	0.0	N	N	N	N
N1503	70	8	58.6	73.0	Y	0.0	73.1	73.1	0.0	N	N	N	N
N1503	70	9	61.3	73.2	Y	0.0	73.4	73.4	0.0	N	N	N	N
N1503	70	10	64.0	73.2	Y	0.0	73.4	73.4	0.0	N	N	N	N
N1503	70	11	66.7	73.1	Y	0.0	73.3	73.3	0.0	N	N	N	N
N1503	70	12	69.4	72.9	Y	0.0	73.2	73.2	0.0	N	N	N	N
N1503	70	13	72.1	72.8	Y	0.0	73.1	73.1	0.0	N	N	N	N
N1503	70	14	74.8	72.6	Y	0.0	72.9	72.9	0.0	N	N	N	N
N1503	70	15	77.5	72.5	Y	0.0	72.8	72.8	0.0	N	N	N	N
N1503	70	16	80.2	72.4	Y	0.0	72.6	72.6	0.0	N	N	N	N
N1503	70	17	82.9	72.3	Y	0.0	72.5	72.5	0.0	N	N	N	N
N1503	70	18	85.6	72.3	Y	0.0	72.5	72.5	0.0	N	N	N	N
N1503	70	19	88.3	72.3	Y	0.0	72.6	72.6	0.0	N	N	N	N
N1503	70	20	91.0	72.4	Y	0.0	72.6	72.6	0.0	N	N	N	N
N1503	70	21	93.7	72.5	Y	0.0	72.7	72.7	0.0	N	N	N	N
N1503	70	22	96.4	72.5	Y	0.0	72.8	72.8	0.0	N	N	N	N
N1503	70	23	99.1	72.5	Y	0.0	72.7	72.7	0.0	N	N	N	N
N1503	70	24	101.8	72.4	Y	0.0	72.6	72.6	0.0	N	N	N	N
N1503	70	25	104.5	72.3	Y	0.0	72.5	72.5	0.0	N	N	N	N
N1503	70	R	107.2	72.2	Y	0.0	72.4	72.4	0.0	N	N	N	N
N1503	70	27	109.9	72.1	Y	0.0	72.3	72.3	0.0	N	N	N	N
N1503	70	28	112.6	72.0	Y	0.0	72.2	72.2	0.0	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1503	70	29	115.3	71.9	Y	0.0	72.1	72.1	0.0	N	N	N	N
N1503	70	30	118.0	71.8	Y	0.0	72.0	72.0	0.0	N	N	N	N
N1503	70	31	120.7	71.7	Y	0.0	71.9	71.9	0.0	N	N	N	N
N1503	70	32	123.4	71.6	Y	0.0	71.8	71.8	0.0	N	N	N	N
N1503	70	33	126.1	71.5	Y	0.0	71.7	71.7	0.0	N	N	N	N
N1503	70	34	128.8	71.4	Y	0.0	71.6	71.6	0.0	N	N	N	N
N1503	70	35	131.5	71.3	Y	0.0	71.5	71.5	0.0	N	N	N	N
N1503	70	36	134.2	71.2	Y	0.0	71.4	71.4	0.0	N	N	N	N
N1503	70	37	136.9	71.2	Y	0.0	71.4	71.4	0.0	N	N	N	N
N1503	70	38	139.6	71.1	Y	0.0	71.3	71.3	0.0	N	N	N	N
N1503	70	39	142.3	71.0	Y	0.0	71.2	71.2	0.0	N	N	N	N
N1503	70	40	145.0	70.9	Y	0.0	71.1	71.1	0.0	N	N	N	N
N1503	70	41	147.7	70.8	Y	0.0	71.0	71.0	0.0	N	N	N	N
N1503	70	42	150.4	70.7	Y	0.0	70.9	70.9	0.0	N	N	N	N
N1503	70	43	153.1	70.7	Y	0.0	70.9	70.9	0.0	N	N	N	N
N1503	70	44	155.8	70.6	Y	0.0	70.8	70.8	0.0	N	N	N	N
N1503	70	45	158.5	70.5	Y	0.0	70.7	70.7	0.0	N	N	N	N
N1503	70	46	161.2	70.4	N	0.0	70.6	70.6	0.0	N	N	N	N
N1601	70	1	39.7	62.9	N	37.5	62.9	62.9	0.0	N	N	N	N
N1601	70	2	42.4	68.6	N	37.4	68.5	68.5	0.0	N	N	N	N
N1601	70	3	45.1	72.4	Y	37.4	72.2	72.2	0.0	N	N	N	N
N1601	70	4	47.8	73.8	Y	37.4	73.6	73.6	0.0	N	N	N	N
N1601	70	5	50.5	74.3	Y	37.4	74.1	74.1	0.0	N	N	N	N
N1601	70	6	53.2	74.6	Y	37.4	74.5	74.5	0.0	N	N	N	N
N1601	70	7	55.9	74.9	Y	37.3	75.0	75.0	0.0	N	N	N	N
N1601	70	8	58.6	75.0	Y	37.3	75.1	75.1	0.0	N	N	N	N
N1601	70	9	61.3	74.9	Y	37.3	75.1	75.1	0.0	N	N	N	N
N1601	70	10	64.0	74.7	Y	37.2	74.9	74.9	0.0	N	N	N	N
N1601	70	11	66.7	74.6	Y	37.2	74.8	74.8	0.0	N	N	N	N
N1601	70	12	69.4	74.4	Y	37.2	74.6	74.6	0.0	N	N	N	N
N1601	70	13	72.1	74.3	Y	37.1	74.5	74.5	0.0	N	N	N	N
N1601	70	14	74.8	74.1	Y	37.1	74.3	74.3	0.0	N	N	N	N
N1601	70	15	77.5	74.0	Y	37.0	74.2	74.2	0.0	N	N	N	N
N1601	70	16	80.2	73.9	Y	37.0	74.1	74.1	0.0	N	N	N	N
N1601	70	17	82.9	73.9	Y	37.0	74.1	74.1	0.0	N	N	N	N
N1601	70	18	85.6	73.9	Y	36.9	74.0	74.0	0.0	N	N	N	N
N1601	70	19	88.3	73.8	Y	36.9	74.0	74.0	0.0	N	N	N	N
N1601	70	20	91.0	73.7	Y	36.8	73.9	73.9	0.0	N	N	N	N
N1601	70	21	93.7	73.6	Y	36.8	73.8	73.8	0.0	N	N	N	N
N1601	70	22	96.4	73.5	Y	36.7	73.7	73.7	0.0	N	N	N	N
N1601	70	23	99.1	73.4	Y	36.7	73.5	73.5	0.0	N	N	N	N
N1601	70	24	101.8	73.3	Y	36.6	73.5	73.5	0.0	N	N	N	N
N1601	70	25	104.5	73.2	Y	36.6	73.3	73.3	0.0	N	N	N	N
N1601	70	R	107.2	73.1	Y	36.5	73.2	73.2	0.0	N	N	N	N
N1601	70	27	109.9	73.0	Y	36.5	73.1	73.1	0.0	N	N	N	N
N1601	70	28	112.6	72.9	Y	36.4	73.0	73.0	0.0	N	N	N	N
N1601	70	29	115.3	72.8	Y	36.4	72.9	72.9	0.0	N	N	N	N
N1601	70	30	118.0	72.7	Y	36.3	72.8	72.8	0.0	N	N	N	N
N1601	70	31	120.7	72.6	Y	36.2	72.8	72.8	0.0	N	N	N	N
N1601	70	32	123.4	72.5	Y	36.2	72.7	72.7	0.0	N	N	N	N
N1601	70	33	126.1	72.4	Y	36.1	72.6	72.6	0.0	N	N	N	N
N1601	70	34	128.8	72.3	Y	36.1	72.5	72.5	0.0	N	N	N	N
N1601	70	35	131.5	72.3	Y	36.0	72.4	72.4	0.0	N	N	N	N
N1601	70	36	134.2	72.2	Y	36.0	72.3	72.3	0.0	N	N	N	N
N1601	70	37	136.9	72.1	Y	35.9	72.2	72.2	0.0	N	N	N	N
N1601	70	38	139.6	72.0	Y	35.9	72.1	72.1	0.0	N	N	N	N
N1601	70	39	142.3	72.0	Y	35.8	72.1	72.1	0.0	N	N	N	N
N1601	70	40	145.0	71.9	Y	35.8	72.0	72.0	0.0	N	N	N	N
N1601	70	41	147.7	71.8	Y	35.7	71.9	71.9	0.0	N	N	N	N
N1601	70	42	150.4	71.7	Y	35.6	71.9	71.9	0.0	N	N	N	N
N1601	70	43	153.1	71.6	Y	35.3	71.8	71.8	0.0	N	N	N	N
N1601	70	44	155.8	71.6	Y	35.8	71.7	71.7	0.0	N	N	N	N
N1601	70	45	158.5	71.5	Y	36.1	71.6	71.6	0.0	N	N	N	N
N1601	70	46	161.2	71.4	Y	36.3	71.6	71.6	0.0	N	N	N	N
N1602	70	1	39.7	66.0	N	0.0	66.0	66.0	0.0	N	N	N	N
N1602	70	2	42.4	71.4	Y	0.0	71.4	71.4	0.0	N	N	N	N
N1602	70	3	45.1	74.8	Y	0.0	74.6	74.6	0.0	N	N	N	N
N1602	70	4	47.8	75.9	Y	0.0	76.0	76.0	0.0	N	N	N	N
N1602	70	5	50.5	76.4	Y	0.0	76.6	76.6	0.0	N	N	N	N
N1602	70	6	53.2	76.4	Y	0.0	76.6	76.6	0.0	N	N	N	N
N1602	70	7	55.9	76.1	Y	0.0	76.4	76.4	0.0	N	N	N	N
N1602	70	8	58.6	75.9	Y	0.0	76.1	76.1	0.0	N	N	N	N
N1602	70	9	61.3	75.7	Y	0.0	75.9	75.9	0.0	N	N	N	N
N1602	70	10	64.0	75.4	Y	0.0	75.6	75.6	0.0	N	N	N	N
N1602	70	11	66.7	75.2	Y	0.0	75.4	75.4	0.0	N	N	N	N
N1602	70	12	69.4	75.0	Y	0.0	75.2	75.2	0.0	N	N	N	N
N1602	70	13	72.1	74.8	Y	0.0	75.0	75.0	0.0	N	N	N	N
N1602	70	14	74.8	74.6	Y	0.0	74.8	74.8	0.0	N	N	N	N
N1602	70	15	77.5	74.5	Y	0.0	74.7	74.7	0.0	N	N	N	N
N1602	70	16	80.2	74.4	Y	0.0	74.6	74.6	0.0	N	N	N	N
N1602	70	17	82.9	74.3	Y	0.0	74.5	74.5	0.0	N	N	N	N
N1602	70	18	85.6	74.2	Y	0.0	74.4	74.4	0.0	N	N	N	N
N1602	70	19	88.3	74.1	Y	0.0	74.2	74.2	0.0	N	N	N	N
N1602	70	20	91.0	73.9	Y	0.0	74.1	74.1	0.0	N	N	N	N
N1602	70	21	93.7	73.8	Y	0.0	74.0	74.0	0.0	N	N	N	N
N1602	70	22	96.4	73.6	Y	0.0	73.8	73.8	0.0	N	N	N	N
N1602	70	23	99.1	73.5	Y	0.0	73.7	73.7	0.0	N	N	N	N
N1602	70	24	101.8	73.4	Y	0.0	73.6	73.6	0.0	N	N	N	N
N1602	70	25	104.5	73.3	Y	0.0	73.5	73.5	0.0	N	N	N	N
N1602	70	R	107.2	73.2	Y	0.0	73.3	73.3	0.0	N	N	N	N
N1602	70	27	109.9	73.2	Y	0.0	73.2	73.2	0.0	N	N	N	N
N1602	70	28	112.6	73.0	Y	0.0	73.1	73.1	0.0	N	N	N	N
N1602	70	29	115.3	72.9	Y	0.0	73.0	73.0	0.0	N	N	N	N
N1602	70	30	118.0	72.7	Y	0.0	72.9	72.9	0.0	N	N	N	N
N1602	70	31	120.7	72.6	Y	0.0	72.8	72.8	0.0	N	N	N	N
N1602	70	32	123.4	72.5	Y	0.0	72.7	72.7	0.0	N	N	N	N
N1602	70	33	126.1	72.4	Y	0.0	72.6	72.6	0.0	N	N	N	N
N1602	70	34	128.8	72.3	Y	0.0	72.5	72.5	0.0	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N1602	70	35	131.5	72.3	Y	0.0	72.4	72.4	0.0	N	N	N	N
N1602	70	36	134.2	72.2	Y	0.0	72.4	72.4	0.0	N	N	N	N
N1602	70	37	136.9	72.1	Y	0.0	72.2	72.2	0.0	N	N	N	N
N1602	70	38	139.6	72.0	Y	0.0	72.2	72.2	0.0	N	N	N	N
N1602	70	39	142.3	71.9	Y	0.0	72.1	72.1	0.0	N	N	N	N
N1602	70	40	145.0	71.8	Y	0.0	72.0	72.0	0.0	N	N	N	N
N1602	70	41	147.7	71.7	Y	0.0	71.9	71.9	0.0	N	N	N	N
N1602	70	42	150.4	71.6	Y	0.0	71.8	71.8	0.0	N	N	N	N
N1602	70	43	153.1	71.5	Y	0.0	71.7	71.7	0.0	N	N	N	N
N1602	70	44	155.8	71.5	Y	0.0	71.7	71.7	0.0	N	N	N	N
N1602	70	45	158.5	71.4	Y	0.0	71.6	71.6	0.0	N	N	N	N
N1602	70	46	161.2	71.3	Y	0.0	71.5	71.5	0.0	N	N	N	N
N2101	70	1	32.5	51.5	N	47.2	50.1	51.9	1.8	N	N	N	N
N2101	70	2	35.2	52.9	N	48.3	51.6	53.3	1.7	N	N	N	N
N2101	70	3	37.9	54.5	N	49.7	53.2	54.8	1.6	N	N	N	N
N2101	70	4	40.6	56.1	N	51.2	54.9	56.5	1.6	N	N	N	N
N2101	70	5	43.3	58.1	N	52.9	56.9	58.4	1.5	N	N	N	N
N2101	70	6	46.0	60.2	N	55.1	59.1	60.5	1.4	N	N	N	N
N2101	70	7	48.7	62.6	N	58.1	61.3	63.0	1.7	N	N	N	N
N2101	70	8	51.4	64.5	N	61.7	63.9	65.9	2.0	N	N	N	N
N2101	70	9	54.1	67.2	N	64.1	65.7	68.0	2.3	N	N	N	N
N2101	70	10	56.8	68.9	N	65.7	67.2	69.6	2.4	N	N	N	N
N2101	70	11	59.5	70.2	N	66.6	68.5	70.7	2.2	N	N	Y	Y
N2101	70	12	62.2	70.9	Y	67.0	69.4	71.4	2.0	N	N	Y	Y
N2101	70	13	64.9	71.9	Y	67.2	70.6	72.3	1.7	N	N	Y	Y
N2101	70	14	67.6	73.0	Y	67.5	71.7	73.1	1.4	N	N	Y	Y
N2101	70	15	70.3	73.9	Y	67.8	72.6	73.8	1.2	N	N	Y	Y
N2101	70	16	73.0	74.5	Y	68.2	73.0	74.2	1.2	N	N	Y	Y
N2101	70	17	75.7	74.8	Y	68.6	73.3	74.6	1.3	N	N	Y	Y
N2101	70	18	78.4	75.0	Y	69.1	73.5	74.8	1.3	N	N	Y	Y
N2101	70	19	81.1	75.1	Y	69.7	73.5	75.0	1.5	N	N	Y	Y
N2101	70	20	83.8	75.1	Y	70.1	73.5	75.1	1.6	N	N	Y	Y
N2101	70	21	86.5	75.1	Y	70.7	73.4	75.3	1.9	N	N	Y	Y
N2101	70	22	89.2	75.1	Y	71.1	73.4	75.4	2.0	N	N	Y	Y
N2101	70	23	91.9	75.1	Y	71.3	73.3	75.5	2.2	N	N	Y	Y
N2101	70	24	94.6	75.0	Y	71.5	73.3	75.5	2.2	Y	N	Y	Y
N2101	70	25	97.3	75.0	Y	71.5	73.2	75.5	2.3	Y	N	Y	Y
N2101	70	26	100.0	74.9	Y	71.6	73.2	75.5	2.3	Y	N	Y	Y
N2101	70	27	102.7	74.9	Y	71.6	73.1	75.4	2.3	Y	N	Y	Y
N2101	70	28	105.4	74.8	Y	71.6	73.1	75.4	2.3	Y	N	Y	Y
N2101	70	29	108.1	74.8	Y	71.6	73.0	75.4	2.4	Y	N	Y	Y
N2101	70	30	110.8	74.7	Y	71.6	73.0	75.4	2.4	Y	N	Y	Y
N2101	70	31	113.5	74.6	Y	71.6	72.9	75.3	2.4	Y	N	Y	Y
N2101	70	32	116.2	74.6	Y	71.5	72.9	75.3	2.4	Y	N	Y	Y
N2101	70	33	118.9	74.5	Y	71.5	72.8	75.2	2.4	Y	N	Y	Y
N2101	70	34	121.6	74.5	Y	71.4	72.8	75.2	2.4	N	N	Y	Y
N2101	70	35	124.3	74.4	Y	71.4	72.7	75.1	2.4	N	N	Y	Y
N2101	70	36	127.0	74.4	Y	71.3	72.7	75.1	2.4	N	N	Y	Y
N2101	70	37	129.7	74.3	Y	71.3	72.6	75.0	2.4	N	N	Y	Y
N2101	70	38	132.4	74.2	Y	71.2	72.6	75.0	2.4	N	N	Y	Y
N2101	70	39	135.1	74.2	Y	71.2	72.5	74.9	2.4	N	N	Y	Y
N2101	70	40	137.8	74.1	Y	71.1	72.4	74.8	2.4	N	N	Y	Y
N2102	70	1	32.5	52.7	N	47.4	51.8	53.2	1.4	N	N	N	N
N2102	70	2	35.2	54.5	N	48.7	53.7	54.9	1.2	N	N	N	N
N2102	70	3	37.9	56.8	N	50.1	56.1	57.1	1.0	N	N	N	N
N2102	70	4	40.6	58.8	N	51.8	58.1	59.1	1.0	N	N	N	N
N2102	70	5	43.3	61.4	N	53.9	60.6	61.5	0.9	N	N	N	N
N2102	70	6	46.0	64.8	N	56.6	63.7	64.4	0.7	N	N	N	N
N2102	70	7	48.7	67.2	N	60.0	65.9	66.9	1.0	N	N	N	N
N2102	70	8	51.4	68.7	N	63.3	67.5	68.9	1.4	N	N	N	N
N2102	70	9	54.1	70.1	N	65.4	68.9	70.5	1.6	N	N	Y	Y
N2102	70	10	56.8	71.0	Y	66.8	69.9	71.6	1.7	N	N	Y	Y
N2102	70	11	59.5	71.9	Y	67.6	70.9	72.6	1.7	N	N	Y	Y
N2102	70	12	62.2	73.1	Y	68.1	72.1	73.6	1.5	N	N	Y	Y
N2102	70	13	64.9	74.3	Y	68.4	73.3	74.5	1.2	N	N	Y	Y
N2102	70	14	67.6	75.2	Y	68.8	74.3	75.3	1.0	N	N	N	N
N2102	70	15	70.3	75.9	Y	69.1	74.9	76.0	1.1	N	N	Y	Y
N2102	70	16	73.0	76.3	Y	69.6	75.2	76.3	1.1	N	N	Y	Y
N2102	70	17	75.7	76.5	Y	70.2	75.3	76.5	1.2	N	N	Y	Y
N2102	70	18	78.4	76.5	Y	70.9	75.4	76.7	1.3	N	N	Y	Y
N2102	70	19	81.1	76.6	Y	71.5	75.4	76.9	1.5	Y	N	Y	Y
N2102	70	20	83.8	76.7	Y	71.8	75.4	77.0	1.6	Y	N	Y	Y
N2102	70	21	86.5	76.7	Y	72.0	75.4	77.1	1.7	Y	N	Y	Y
N2102	70	22	89.2	76.7	Y	72.1	75.4	77.1	1.7	Y	N	Y	Y
N2102	70	23	91.9	76.6	Y	72.2	75.4	77.1	1.7	Y	N	Y	Y
N2102	70	24	94.6	76.6	Y	72.2	75.4	77.1	1.7	Y	N	Y	Y
N2102	70	25	97.3	76.5	Y	72.3	75.4	77.1	1.7	Y	N	Y	Y
N2102	70	26	100.0	76.4	Y	72.3	75.3	77.1	1.8	Y	N	Y	Y
N2102	70	27	102.7	76.4	Y	72.3	75.2	77.0	1.8	Y	N	Y	Y
N2102	70	28	105.4	76.3	Y	72.3	75.2	77.0	1.8	Y	N	Y	Y
N2102	70	29	108.1	76.2	Y	72.2	75.1	76.9	1.8	Y	N	Y	Y
N2102	70	30	110.8	76.2	Y	72.2	75.1	76.9	1.8	Y	N	Y	Y
N2102	70	31	113.5	76.1	Y	72.2	75.0	76.8	1.8	Y	N	Y	Y
N2102	70	32	116.2	76.0	Y	72.1	75.0	76.8	1.8	Y	N	Y	Y
N2102	70	33	118.9	76.0	Y	72.1	74.9	76.7	1.8	Y	N	Y	Y
N2102	70	34	121.6	75.9	Y	72.0	74.8	76.6	1.8	Y	N	Y	Y
N2102	70	35	124.3	75.9	Y	72.0	74.7	76.6	1.9	Y	N	Y	Y
N2102	70	36	127.0	75.8	Y	71.9	74.7	76.5	1.8	Y	N	Y	Y
N2102	70	37	129.7	75.7	Y	71.8	74.6	76.5	1.9	Y	N	Y	Y
N2102	70	38	132.4	75.6	Y	71.7	74.6	76.4	1.8	Y	N	Y	Y
N2102	70	39	135.1	75.6	Y	71.7	74.5	76.3	1.8	Y	N	Y	Y
N2102	70	40	137.8	75.5	Y	71.6	74.4	76.3	1.9	Y	N	Y	Y
N2103	70	1	35.2	56.0	N	49.3	55.8	56.7	0.9	N	N	N	N
N2103	70	2	37.9	58.1	N	51.1	58.0	58.8	0.8	N	N	N	N
N2103	70	3	40.6	59.9	N	53.2	59.9	60.7	0.8	N	N	N	N
N2103	70	4	43.3	62.2	N	56.3	62.1	63.1	1.0	N	N	N	N
N2103	70	5	46.0	65.7	N	59.7	65.5	66.5	1.0	N	N	N	N
N2103	70	6	48.7	69.3	N	63.0	68.9	69.9	1.0	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N2103	70	7	51.4	71.2	Y	66.0	70.6	71.9	1.3	N	N	Y	Y
N2103	70	8	54.1	72.3	Y	67.5	71.7	73.1	1.4	N	N	Y	Y
N2103	70	9	56.8	73.5	Y	68.2	72.7	74.1	1.4	N	N	Y	Y
N2103	70	10	59.5	74.6	Y	68.8	73.9	75.1	1.2	N	N	Y	Y
N2103	70	11	62.2	75.8	Y	69.5	75.1	76.2	1.1	N	N	Y	Y
N2103	70	12	64.9	76.6	Y	70.0	75.9	76.9	1.0	N	N	N	N
N2103	70	13	67.6	77.0	Y	70.6	76.2	77.2	1.0	N	N	N	N
N2103	70	14	70.3	77.2	Y	71.1	76.2	77.4	1.2	N	N	Y	Y
N2103	70	15	73.0	77.3	Y	71.6	76.3	77.6	1.3	Y	N	Y	Y
N2103	70	16	75.7	77.4	Y	71.9	76.4	77.7	1.3	Y	N	Y	Y
N2103	70	17	78.4	77.4	Y	72.0	76.4	77.8	1.4	Y	N	Y	Y
N2103	70	18	81.1	77.4	Y	72.1	76.5	77.8	1.3	Y	N	Y	Y
N2103	70	19	83.8	77.3	Y	72.2	76.4	77.8	1.4	Y	N	Y	Y
N2103	70	20	86.5	77.2	Y	72.3	76.4	77.8	1.4	Y	N	Y	Y
N2103	70	21	89.2	77.1	Y	72.3	76.3	77.8	1.5	Y	N	Y	Y
N2103	70	22	91.9	77.1	Y	72.3	76.2	77.7	1.5	Y	N	Y	Y
N2103	70	23	94.6	77.0	Y	72.3	76.2	77.6	1.4	Y	N	Y	Y
N2103	70	24	97.3	76.9	Y	72.3	76.1	77.6	1.5	Y	N	Y	Y
N2103	70	25	100.0	76.8	Y	72.2	76.0	77.5	1.5	Y	N	Y	Y
N2103	70	26	102.7	76.7	Y	72.2	75.9	77.4	1.5	Y	N	Y	Y
N2103	70	27	105.4	76.6	Y	72.1	75.9	77.4	1.5	Y	N	Y	Y
N2103	70	28	108.1	76.6	Y	72.0	75.8	77.3	1.5	Y	N	Y	Y
N2103	70	29	110.8	76.5	Y	72.0	75.7	77.2	1.5	Y	N	Y	Y
N2103	70	30	113.5	76.4	Y	71.9	75.6	77.1	1.5	Y	N	Y	Y
N2103	70	31	116.2	76.3	Y	71.9	75.5	77.1	1.6	Y	N	Y	Y
N2103	70	32	118.9	76.3	Y	71.8	75.4	77.0	1.6	Y	N	Y	Y
N2103	70	33	121.6	76.2	Y	71.7	75.4	76.9	1.5	Y	N	Y	Y
N2103	70	34	124.3	76.1	Y	71.7	75.3	76.9	1.6	Y	N	Y	Y
N2103	70	35	127.0	76.0	Y	71.6	75.2	76.8	1.6	Y	N	Y	Y
N2103	70	36	129.7	76.0	Y	71.5	75.2	76.7	1.5	Y	N	Y	Y
N2103	70	37	132.4	75.9	Y	71.4	75.1	76.7	1.6	N	N	Y	Y
N2103	70	38	135.1	75.8	Y	71.4	75.0	76.6	1.6	N	N	Y	Y
N2103	70	39	137.8	75.8	Y	71.3	75.0	76.5	1.5	N	N	Y	Y
N2103	70	40	140.5	75.8	Y	71.3	74.9	76.5	1.6	N	N	Y	Y
N2104	70	1	35.2	53.3	N	48.2	52.7	54.0	1.3	N	N	N	N
N2104	70	2	37.9	55.0	N	50.2	54.4	55.8	1.4	N	N	N	N
N2104	70	3	40.6	57.1	N	52.4	56.5	57.9	1.4	N	N	N	N
N2104	70	4	43.3	59.6	N	55.4	59.0	60.6	1.6	N	N	N	N
N2104	70	5	46.0	63.0	N	58.8	62.5	64.1	1.6	N	N	N	N
N2104	70	6	48.7	67.2	N	62.6	66.6	68.1	1.5	N	N	N	N
N2104	70	7	51.4	69.6	N	65.7	68.7	70.5	1.8	N	N	Y	Y
N2104	70	8	54.1	71.0	Y	67.2	70.0	71.9	1.9	N	N	Y	Y
N2104	70	9	56.8	72.4	Y	68.1	71.5	73.1	1.6	N	N	Y	Y
N2104	70	10	59.5	73.7	Y	68.8	73.0	74.4	1.4	N	N	Y	Y
N2104	70	11	62.2	75.0	Y	69.3	74.3	75.5	1.2	N	N	Y	Y
N2104	70	12	64.9	75.8	Y	69.7	75.1	76.2	1.1	N	N	Y	Y
N2104	70	13	67.6	76.2	Y	70.3	75.4	76.6	1.2	N	N	Y	Y
N2104	70	14	70.3	76.5	Y	70.8	75.5	76.7	1.2	N	N	Y	Y
N2104	70	15	73.0	76.6	Y	71.3	75.5	76.9	1.4	N	N	Y	Y
N2104	70	16	75.7	76.7	Y	71.6	75.5	77.0	1.5	Y	N	Y	Y
N2104	70	17	78.4	76.7	Y	71.7	75.6	77.1	1.5	Y	N	Y	Y
N2104	70	18	81.1	76.7	Y	71.8	75.7	77.2	1.5	Y	N	Y	Y
N2104	70	19	83.8	76.6	Y	71.9	75.7	77.2	1.5	Y	N	Y	Y
N2104	70	20	86.5	76.5	Y	71.9	75.6	77.2	1.6	Y	N	Y	Y
N2104	70	21	89.2	76.5	Y	72.0	75.5	77.1	1.6	Y	N	Y	Y
N2104	70	22	91.9	76.4	Y	72.0	75.4	77.1	1.7	Y	N	Y	Y
N2104	70	23	94.6	76.3	Y	72.0	75.4	77.0	1.6	Y	N	Y	Y
N2104	70	24	97.3	76.2	Y	71.9	75.3	77.0	1.7	Y	N	Y	Y
N2104	70	25	100.0	76.1	Y	71.9	75.2	76.9	1.7	Y	N	Y	Y
N2104	70	26	102.7	76.0	Y	71.8	75.1	76.8	1.7	Y	N	Y	Y
N2104	70	27	105.4	75.9	Y	71.8	75.0	76.7	1.7	Y	N	Y	Y
N2104	70	28	108.1	75.9	Y	71.7	74.9	76.6	1.7	Y	N	Y	Y
N2104	70	29	110.8	75.8	Y	71.7	74.9	76.6	1.7	Y	N	Y	Y
N2104	70	30	113.5	75.7	Y	71.6	74.8	76.5	1.7	Y	N	Y	Y
N2104	70	31	116.2	75.6	Y	71.5	74.7	76.4	1.7	Y	N	Y	Y
N2104	70	32	118.9	75.6	Y	71.5	74.7	76.4	1.7	Y	N	Y	Y
N2104	70	33	121.6	75.5	Y	71.4	74.6	76.3	1.7	N	N	Y	Y
N2104	70	34	124.3	75.4	Y	71.3	74.5	76.2	1.7	N	N	Y	Y
N2104	70	35	127.0	75.3	Y	71.3	74.4	76.1	1.7	N	N	Y	Y
N2104	70	36	129.7	75.3	Y	71.2	74.4	76.1	1.7	N	N	Y	Y
N2104	70	37	132.4	75.2	Y	71.1	74.3	76.0	1.7	N	N	Y	Y
N2104	70	38	135.1	75.2	Y	71.1	74.3	76.0	1.7	N	N	Y	Y
N2104	70	39	137.8	75.2	Y	71.0	74.3	76.0	1.7	N	N	Y	Y
N2105	70	1	35.2	63.0	N	54.5	62.6	63.3	0.7	N	N	N	N
N2105	70	2	37.9	64.7	N	55.7	64.6	65.1	0.5	N	N	N	N
N2105	70	3	40.6	65.8	N	57.1	65.6	66.2	0.6	N	N	N	N
N2105	70	4	43.3	67.0	N	59.5	66.7	67.5	0.8	N	N	N	N
N2105	70	5	46.0	68.5	N	61.8	68.3	69.2	0.9	N	N	N	N
N2105	70	6	48.7	70.7	Y	63.8	70.6	71.4	0.8	N	N	N	N
N2105	70	7	51.4	72.4	Y	65.7	72.2	73.1	0.9	N	N	N	N
N2105	70	8	54.1	73.3	Y	66.6	73.0	73.9	0.9	N	N	N	N
N2105	70	9	56.8	74.2	Y	67.1	73.7	74.6	0.9	N	N	N	N
N2105	70	10	59.5	75.0	Y	67.3	74.5	75.2	0.7	N	N	N	N
N2105	70	11	62.2	75.8	Y	67.6	75.2	75.9	0.7	N	N	N	N
N2105	70	12	64.9	76.5	Y	68.0	75.9	76.6	0.7	N	N	N	N
N2105	70	13	67.6	76.9	Y	68.4	76.3	76.9	0.6	N	N	N	N
N2105	70	14	70.3	77.0	Y	69.0	76.4	77.1	0.7	N	N	N	N
N2105	70	15	73.0	77.1	Y	69.6	76.5	77.3	0.8	N	N	N	N
N2105	70	16	75.7	77.2	Y	70.1	76.5	77.4	0.9	N	N	N	N
N2105	70	17	78.4	77.3	Y	70.4	76.5	77.4	0.9	N	N	N	N
N2105	70	18	81.1	77.3	Y	70.5	76.5	77.5	1.0	N	N	N	N
N2105	70	19	83.8	77.2	Y	70.6	76.5	77.5	1.0	N	N	N	N
N2105	70	20	86.5	77.1	Y	70.8	76.5	77.5	1.0	N	N	N	N
N2105	70	21	89.2	77.1	Y	70.8	76.4	77.5	1.1	N	N	Y	Y
N2105	70	22	91.9	77.0	Y	70.9	76.3	77.4	1.1	N	N	Y	Y
N2105	70	23	94.6	76.9	Y	71.0	76.3	77.4	1.1	N	N	Y	Y
N2105	70	24	97.3	76.8	Y	71.0	76.2	77.3	1.1	N	N	Y	Y
N2105	70	25	100.0	76.7	Y	70.9	76.1	77.2	1.1	N	N	Y	Y

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N2105	70	26	102.7	76.6	Y	70.9	76.0	77.2	1.2	N	N	Y	Y
N2105	70	27	105.4	76.5	Y	70.9	76.0	77.1	1.1	N	N	Y	Y
N2105	70	28	108.1	76.4	Y	70.9	75.9	77.1	1.2	N	N	Y	Y
N2105	70	29	110.8	76.4	Y	70.8	75.8	77.0	1.2	N	N	Y	Y
N2105	70	30	113.5	76.3	Y	70.8	75.7	76.9	1.2	N	N	Y	Y
N2105	70	31	116.2	76.2	Y	70.7	75.6	76.8	1.2	N	N	Y	Y
N2105	70	32	118.9	76.1	Y	70.7	75.5	76.8	1.3	N	N	Y	Y
N2105	70	33	121.6	76.1	Y	70.6	75.5	76.7	1.2	N	N	Y	Y
N2105	70	34	124.3	76.0	Y	70.6	75.4	76.6	1.2	N	N	Y	Y
N2105	70	35	127.0	75.9	Y	70.5	75.3	76.6	1.3	N	N	Y	Y
N2105	70	36	129.7	75.9	Y	70.5	75.2	76.5	1.3	N	N	Y	Y
N2105	70	37	132.4	75.8	Y	70.4	75.2	76.4	1.2	N	N	Y	Y
N2105	70	38	135.1	75.7	Y	70.3	75.1	76.4	1.3	N	N	Y	Y
N2105	70	39	137.8	75.7	Y	70.3	75.1	76.3	1.2	N	N	Y	Y
N2201	70	1	35.2	69.5	N	58.9	69.4	69.8	0.4	N	N	N	N
N2201	70	2	37.9	70.9	Y	60.4	70.8	71.2	0.4	N	N	N	N
N2201	70	3	40.6	71.6	Y	62.4	71.5	72.0	0.5	N	N	N	N
N2201	70	4	43.3	71.8	Y	63.8	71.8	72.4	0.6	N	N	N	N
N2201	70	5	46.0	72.1	Y	64.7	72.0	72.8	0.8	N	N	N	N
N2201	70	6	48.7	72.4	Y	65.2	72.4	73.1	0.7	N	N	N	N
N2201	70	7	51.4	72.9	Y	65.7	72.9	73.7	0.8	N	N	N	N
N2201	70	8	54.1	73.6	Y	66.2	73.7	74.4	0.7	N	N	N	N
N2201	70	9	56.8	74.4	Y	66.5	74.5	75.1	0.6	N	N	N	N
N2201	70	10	59.5	74.9	Y	66.8	74.9	75.5	0.6	N	N	N	N
N2201	70	11	62.2	75.3	Y	67.0	75.1	75.7	0.6	N	N	N	N
N2201	70	12	64.9	75.6	Y	67.3	75.3	76.0	0.7	N	N	N	N
N2201	70	13	67.6	76.0	Y	67.6	75.5	76.2	0.7	N	N	N	N
N2201	70	14	70.3	76.2	Y	67.8	75.7	76.3	0.6	N	N	N	N
N2201	70	15	73.0	76.4	Y	68.0	75.9	76.6	0.7	N	N	N	N
N2201	70	16	75.7	76.5	Y	68.2	76.0	76.7	0.7	N	N	N	N
N2201	70	17	78.4	76.6	Y	68.5	76.0	76.7	0.7	N	N	N	N
N2201	70	18	81.1	76.6	Y	68.8	76.0	76.8	0.8	N	N	N	N
N2201	70	19	83.8	76.6	Y	69.0	76.0	76.8	0.8	N	N	N	N
N2201	70	20	86.5	76.5	Y	69.3	76.0	76.8	0.8	N	N	N	N
N2201	70	21	89.2	76.5	Y	69.5	75.9	76.8	0.9	N	N	N	N
N2201	70	22	91.9	76.5	Y	69.7	75.9	76.8	0.9	N	N	N	N
N2201	70	23	94.6	76.4	Y	69.8	75.9	76.8	0.9	N	N	N	N
N2201	70	24	97.3	76.3	Y	69.9	75.8	76.8	1.0	N	N	N	N
N2201	70	25	100.0	76.3	Y	69.9	75.7	76.8	1.1	N	N	Y	Y
N2201	70	26	102.7	76.2	Y	70.0	75.7	76.7	1.0	N	N	N	N
N2201	70	27	105.4	76.1	Y	70.0	75.7	76.7	1.0	N	N	N	N
N2201	70	28	108.1	76.0	Y	70.0	75.6	76.6	1.0	N	N	N	N
N2201	70	29	110.8	76.0	Y	70.0	75.5	76.6	1.1	N	N	Y	Y
N2201	70	30	113.5	75.9	Y	69.9	75.4	76.5	1.1	N	N	Y	Y
N2201	70	31	116.2	75.8	Y	69.9	75.4	76.5	1.1	N	N	Y	Y
N2201	70	32	118.9	75.8	Y	69.9	75.3	76.4	1.1	N	N	Y	Y
N2201	70	33	121.6	75.7	Y	69.9	75.2	76.3	1.1	N	N	Y	Y
N2201	70	34	124.3	75.6	Y	69.9	75.1	76.3	1.2	N	N	Y	Y
N2201	70	35	127.0	75.5	Y	69.8	75.1	76.2	1.1	N	N	Y	Y
N2201	70	36	129.7	75.5	Y	69.8	75.0	76.2	1.2	N	N	Y	Y
N2201	70	37	132.4	75.4	Y	69.8	74.9	76.1	1.2	N	N	Y	Y
N2201	70	38	135.1	75.3	Y	69.7	74.9	76.1	1.2	N	N	Y	Y
N2201	70	39	137.8	75.3	Y	69.7	74.8	76.0	1.2	N	N	Y	Y
N2202	70	1	35.2	71.3	Y	59.6	71.3	71.6	0.3	N	N	N	N
N2202	70	2	37.9	72.6	Y	61.1	72.5	72.8	0.3	N	N	N	N
N2202	70	3	40.6	73.1	Y	62.7	73.2	73.5	0.3	N	N	N	N
N2202	70	4	43.3	73.4	Y	63.8	73.4	73.8	0.4	N	N	N	N
N2202	70	5	46.0	73.5	Y	64.5	73.6	74.1	0.5	N	N	N	N
N2202	70	6	48.7	73.6	Y	65.0	73.7	74.2	0.5	N	N	N	N
N2202	70	7	51.4	73.7	Y	65.3	73.8	74.4	0.6	N	N	N	N
N2202	70	8	54.1	74.0	Y	65.4	74.1	74.7	0.6	N	N	N	N
N2202	70	9	56.8	74.4	Y	65.6	74.6	75.1	0.5	N	N	N	N
N2202	70	10	59.5	74.8	Y	65.7	74.9	75.4	0.5	N	N	N	N
N2202	70	11	62.2	74.9	Y	65.8	75.0	75.5	0.5	N	N	N	N
N2202	70	12	64.9	75.1	Y	65.9	75.1	75.6	0.5	N	N	N	N
N2202	70	13	67.6	75.2	Y	66.1	75.1	75.6	0.5	N	N	N	N
N2202	70	14	70.3	75.3	Y	66.2	75.1	75.6	0.5	N	N	N	N
N2202	70	15	73.0	75.3	Y	66.3	75.1	75.7	0.6	N	N	N	N
N2202	70	16	75.7	75.3	Y	66.4	75.2	75.7	0.5	N	N	N	N
N2202	70	17	78.4	75.3	Y	66.5	75.1	75.7	0.6	N	N	N	N
N2202	70	18	81.1	75.3	Y	66.7	75.1	75.7	0.6	N	N	N	N
N2202	70	19	83.8	75.2	Y	66.8	75.1	75.7	0.6	N	N	N	N
N2202	70	20	86.5	75.2	Y	67.0	75.1	75.7	0.6	N	N	N	N
N2202	70	21	89.2	75.1	Y	67.1	75.0	75.7	0.7	N	N	N	N
N2202	70	22	91.9	75.1	Y	67.3	75.0	75.7	0.7	N	N	N	N
N2202	70	23	94.6	75.0	Y	67.4	74.9	75.6	0.7	N	N	N	N
N2202	70	24	97.3	74.9	Y	67.5	74.9	75.6	0.7	N	N	N	N
N2202	70	25	100.0	74.9	Y	67.5	74.8	75.5	0.7	N	N	N	N
N2202	70	26	102.7	74.8	Y	67.5	74.8	75.5	0.7	N	N	N	N
N2202	70	27	105.4	74.7	Y	67.6	74.7	75.5	0.8	N	N	N	N
N2202	70	28	108.1	74.6	Y	67.6	74.6	75.4	0.8	N	N	N	N
N2202	70	29	110.8	74.5	Y	67.6	74.5	75.3	0.8	N	N	N	N
N2202	70	30	113.5	74.5	Y	67.5	74.5	75.3	0.8	N	N	N	N
N2202	70	31	116.2	74.4	Y	67.5	74.4	75.2	0.8	N	N	N	N
N2202	70	32	118.9	74.3	Y	67.6	74.3	75.1	0.8	N	N	N	N
N2202	70	33	121.6	74.3	Y	67.5	74.3	75.1	0.8	N	N	N	N
N2202	70	34	124.3	74.2	Y	67.5	74.2	75.0	0.8	N	N	N	N
N2202	70	35	127.0	74.1	Y	67.5	74.1	75.0	0.9	N	N	N	N
N2202	70	36	129.7	74.1	Y	67.5	74.0	74.9	0.9	N	N	N	N
N2202	70	37	132.4	74.0	Y	67.4	74.0	74.8	0.8	N	N	N	N
N2202	70	38	135.1	73.9	Y	67.4	73.9	74.8	0.9	N	N	N	N
N2202	70	39	137.8	73.8	Y	67.4	73.8	74.7	0.9	N	N	N	N
N2203	70	1	32.5	61.4	N	53.9	61.4	62.1	0.7	N	N	N	N
N2203	70	2	35.2	69.2	N	60.4	69.1	69.6	0.5	N	N	N	N
N2203	70	3	37.9	73.1	Y	62.3	72.9	73.3	0.4	N	N	N	N
N2203	70	4	40.6	74.2	Y	62.9	74.1	74.5	0.4	N	N	N	N
N2203	70	5	43.3	74.5	Y	63.3	74.7	75.0	0.3	N	N	N	N
N2203	70	6	46.0	74.6	Y	63.8	74.7	75.1	0.4	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project Predicted traffic noise level, dB(A)	Without Project Traffic noise level exceeds the criteria	With Project (Unmitigated) Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N2203	70	7	48.7	74.7	Y	64.1	74.7	75.1	0.4	N	N	N	N
N2203	70	8	51.4	74.6	Y	64.4	74.7	75.1	0.4	N	N	N	N
N2203	70	9	54.1	74.6	Y	64.7	74.7	75.1	0.4	N	N	N	N
N2203	70	10	56.8	74.6	Y	64.9	74.7	75.1	0.4	N	N	N	N
N2203	70	11	59.5	74.5	Y	65.0	74.6	75.1	0.5	N	N	N	N
N2203	70	12	62.2	74.5	Y	65.2	74.6	75.1	0.5	N	N	N	N
N2203	70	13	64.9	74.5	Y	65.3	74.7	75.2	0.5	N	N	N	N
N2203	70	14	67.6	74.6	Y	65.4	74.7	75.2	0.5	N	N	N	N
N2203	70	15	70.3	74.7	Y	65.5	74.9	75.4	0.5	N	N	N	N
N2203	70	16	73.0	74.8	Y	65.6	74.9	75.4	0.5	N	N	N	N
N2203	70	17	75.7	74.8	Y	65.7	75.0	75.5	0.5	N	N	N	N
N2203	70	18	78.4	74.8	Y	65.7	75.0	75.5	0.5	N	N	N	N
N2203	70	19	81.1	74.9	Y	65.8	74.9	75.4	0.5	N	N	N	N
N2203	70	20	83.8	74.9	Y	65.9	74.9	75.4	0.5	N	N	N	N
N2203	70	21	86.5	74.9	Y	65.9	74.9	75.4	0.5	N	N	N	N
N2203	70	22	89.2	74.8	Y	66.0	74.8	75.4	0.6	N	N	N	N
N2203	70	23	91.9	74.9	Y	66.1	74.8	75.4	0.6	N	N	N	N
N2203	70	24	94.6	74.9	Y	66.1	74.7	75.3	0.6	N	N	N	N
N2203	70	25	97.3	74.8	Y	66.2	74.8	75.3	0.5	N	N	N	N
N2203	70	26	100.0	74.8	Y	66.3	74.7	75.3	0.6	N	N	N	N
N2203	70	27	102.7	74.8	Y	66.3	74.7	75.3	0.6	N	N	N	N
N2203	70	28	105.4	74.7	Y	66.4	74.7	75.3	0.6	N	N	N	N
N2203	70	29	108.1	74.7	Y	66.4	74.7	75.3	0.6	N	N	N	N
N2203	70	30	110.8	74.7	Y	66.5	74.6	75.2	0.6	N	N	N	N
N2203	70	31	113.5	74.6	Y	66.5	74.5	75.2	0.7	N	N	N	N
N2203	70	32	116.2	74.6	Y	66.6	74.5	75.2	0.7	N	N	N	N
N2203	70	33	118.9	74.5	Y	66.6	74.4	75.1	0.7	N	N	N	N
N2203	70	34	121.6	74.5	Y	66.6	74.4	75.1	0.7	N	N	N	N
N2203	70	35	124.3	74.4	Y	66.7	74.3	75.0	0.7	N	N	N	N
N2203	70	36	127.0	74.3	Y	66.7	74.3	75.0	0.7	N	N	N	N
N2203	70	37	129.7	74.3	Y	66.7	74.2	74.9	0.7	N	N	N	N
N2203	70	38	132.4	74.2	Y	66.8	74.2	74.9	0.7	N	N	N	N
N2203	70	39	135.1	74.2	Y	66.8	74.1	74.9	0.8	N	N	N	N
N2203	70	40	137.8	74.1	Y	66.8	74.1	74.8	0.7	N	N	N	N
N2204	70	1	32.5	74.6	Y	50.8	75.0	75.0	0.0	N	N	N	N
N2204	70	2	35.2	75.4	Y	58.0	75.7	75.8	0.1	N	N	N	N
N2204	70	3	37.9	75.7	Y	58.6	76.1	76.1	0.0	N	N	N	N
N2204	70	4	40.6	75.6	Y	58.7	76.0	76.1	0.1	N	N	N	N
N2204	70	5	43.3	75.5	Y	58.8	75.9	76.0	0.1	N	N	N	N
N2204	70	6	46.0	75.4	Y	58.8	75.7	75.8	0.1	N	N	N	N
N2204	70	7	48.7	75.2	Y	58.7	75.6	75.7	0.1	N	N	N	N
N2204	70	8	51.4	75.1	Y	58.7	75.4	75.5	0.1	N	N	N	N
N2204	70	9	54.1	75.0	Y	58.7	75.3	75.4	0.1	N	N	N	N
N2204	70	10	56.8	74.8	Y	58.6	75.1	75.2	0.1	N	N	N	N
N2204	70	11	59.5	74.6	Y	58.6	74.9	75.0	0.1	N	N	N	N
N2204	70	12	62.2	74.5	Y	58.6	74.8	74.9	0.1	N	N	N	N
N2204	70	13	64.9	74.4	Y	58.5	74.7	74.8	0.1	N	N	N	N
N2204	70	14	67.6	74.3	Y	58.5	74.6	74.7	0.1	N	N	N	N
N2204	70	15	70.3	74.2	Y	58.5	74.4	74.5	0.1	N	N	N	N
N2204	70	16	73.0	74.1	Y	58.4	74.3	74.4	0.1	N	N	N	N
N2204	70	17	75.7	74.0	Y	58.4	74.2	74.3	0.1	N	N	N	N
N2204	70	18	78.4	73.9	Y	58.4	74.1	74.2	0.1	N	N	N	N
N2204	70	19	81.1	73.8	Y	58.3	74.0	74.1	0.1	N	N	N	N
N2204	70	20	83.8	73.7	Y	58.3	73.9	74.0	0.1	N	N	N	N
N2204	70	21	86.5	73.6	Y	58.2	73.8	73.9	0.1	N	N	N	N
N2204	70	22	89.2	73.5	Y	58.2	73.7	73.8	0.1	N	N	N	N
N2204	70	23	91.9	73.4	Y	58.1	73.6	73.7	0.1	N	N	N	N
N2204	70	24	94.6	73.3	Y	58.1	73.5	73.6	0.1	N	N	N	N
N2204	70	25	97.3	73.2	Y	58.1	73.4	73.5	0.1	N	N	N	N
N2204	70	26	100.0	73.1	Y	58.0	73.3	73.4	0.1	N	N	N	N
N2204	70	27	102.7	73.0	Y	58.0	73.2	73.3	0.1	N	N	N	N
N2204	70	28	105.4	73.0	Y	58.0	73.1	73.2	0.1	N	N	N	N
N2204	70	29	108.1	72.9	Y	57.9	73.0	73.2	0.2	N	N	N	N
N2204	70	30	110.8	72.8	Y	57.9	72.9	73.0	0.1	N	N	N	N
N2204	70	31	113.5	72.7	Y	57.8	72.8	73.0	0.2	N	N	N	N
N2204	70	32	116.2	72.6	Y	57.8	72.8	72.9	0.1	N	N	N	N
N2204	70	33	118.9	72.6	Y	57.7	72.7	72.8	0.1	N	N	N	N
N2204	70	34	121.6	72.5	Y	57.7	72.6	72.7	0.1	N	N	N	N
N2204	70	35	124.3	72.4	Y	57.7	72.5	72.7	0.2	N	N	N	N
N2204	70	36	127.0	72.3	Y	57.6	72.4	72.6	0.2	N	N	N	N
N2204	70	37	129.7	72.3	Y	57.6	72.4	72.5	0.1	N	N	N	N
N2204	70	38	132.4	72.2	Y	57.6	72.3	72.4	0.1	N	N	N	N
N2204	70	39	135.1	72.1	Y	57.5	72.2	72.4	0.2	N	N	N	N
N2204	70	40	137.8	72.1	Y	58.1	72.2	72.4	0.2	N	N	N	N
N2205	70	1	32.5	70.9	Y	55.6	70.8	70.9	0.1	N	N	N	N
N2205	70	2	35.2	73.5	Y	55.8	73.3	73.4	0.1	N	N	N	N
N2205	70	3	37.9	74.5	Y	56.1	74.5	74.6	0.1	N	N	N	N
N2205	70	4	40.6	75.2	Y	56.1	75.4	75.5	0.1	N	N	N	N
N2205	70	5	43.3	75.3	Y	56.0	75.7	75.8	0.1	N	N	N	N
N2205	70	6	46.0	75.3	Y	56.0	75.7	75.7	0.0	N	N	N	N
N2205	70	7	48.7	75.1	Y	55.9	75.5	75.6	0.1	N	N	N	N
N2205	70	8	51.4	75.0	Y	55.9	75.4	75.5	0.1	N	N	N	N
N2205	70	9	54.1	74.8	Y	55.8	75.2	75.3	0.1	N	N	N	N
N2205	70	10	56.8	74.7	Y	55.8	75.1	75.1	0.0	N	N	N	N
N2205	70	11	59.5	74.5	Y	55.7	74.9	74.9	0.0	N	N	N	N
N2205	70	12	62.2	74.3	Y	55.7	74.7	74.8	0.1	N	N	N	N
N2205	70	13	64.9	74.2	Y	55.6	74.6	74.6	0.0	N	N	N	N
N2205	70	14	67.6	74.1	Y	55.6	74.4	74.5	0.1	N	N	N	N
N2205	70	15	70.3	74.0	Y	55.5	74.3	74.4	0.1	N	N	N	N
N2205	70	16	73.0	73.9	Y	55.5	74.2	74.2	0.0	N	N	N	N
N2205	70	17	75.7	73.7	Y	55.5	74.1	74.1	0.0	N	N	N	N
N2205	70	18	78.4	73.6	Y	55.4	73.9	74.0	0.1	N	N	N	N
N2205	70	19	81.1	73.5	Y	55.4	73.8	73.9	0.1	N	N	N	N
N2205	70	20	83.8	73.4	Y	55.3	73.7	73.8	0.1	N	N	N	N
N2205	70	21	86.5	73.3	Y	55.2	73.6	73.6	0.0	N	N	N	N
N2205	70	22	89.2	73.2	Y	55.2	73.5	73.6	0.1	N	N	N	N
N2205	70	23	91.9	73.1	Y	55.1	73.3	73.4	0.1	N	N	N	N
N2205	70	24	94.6	73.0	Y	55.1	73.3	73.3	0.0	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N2205	70	25	97.3	72.8	Y	55.0	73.1	73.2	0.1	N	N	N	N
N2205	70	26	100.0	72.8	Y	55.0	73.0	73.1	0.1	N	N	N	N
N2205	70	27	102.7	72.7	Y	54.9	73.0	73.0	0.0	N	N	N	N
N2205	70	28	105.4	72.6	Y	54.8	72.8	72.9	0.1	N	N	N	N
N2205	70	29	108.1	72.5	Y	54.8	72.7	72.8	0.1	N	N	N	N
N2205	70	30	110.8	72.4	Y	54.7	72.6	72.7	0.1	N	N	N	N
N2205	70	31	113.5	72.3	Y	54.7	72.6	72.6	0.0	N	N	N	N
N2205	70	32	116.2	72.2	Y	54.6	72.4	72.5	0.1	N	N	N	N
N2205	70	33	118.9	72.1	Y	54.6	72.4	72.4	0.0	N	N	N	N
N2205	70	34	121.6	72.0	Y	54.5	72.3	72.3	0.0	N	N	N	N
N2205	70	35	124.3	72.0	Y	54.5	72.2	72.3	0.1	N	N	N	N
N2205	70	36	127.0	71.9	Y	54.4	72.1	72.2	0.1	N	N	N	N
N2205	70	37	129.7	71.8	Y	54.4	72.0	72.1	0.1	N	N	N	N
N2205	70	38	132.4	71.7	Y	54.3	72.0	72.0	0.0	N	N	N	N
N2205	70	39	135.1	71.6	Y	54.2	71.9	71.9	0.0	N	N	N	N
N2205	70	40	137.8	71.6	Y	54.2	71.8	71.9	0.1	N	N	N	N
N2206	70	1	32.5	71.4	Y	54.7	71.6	71.7	0.1	N	N	N	N
N2206	70	2	35.2	73.1	Y	55.9	73.0	73.1	0.1	N	N	N	N
N2206	70	3	37.9	74.1	Y	56.1	74.1	74.2	0.1	N	N	N	N
N2206	70	4	40.6	74.7	Y	56.1	74.8	74.9	0.1	N	N	N	N
N2206	70	5	43.3	75.0	Y	56.1	75.2	75.3	0.1	N	N	N	N
N2206	70	6	46.0	75.1	Y	56.1	75.3	75.4	0.1	N	N	N	N
N2206	70	7	48.7	74.9	Y	56.1	75.2	75.3	0.1	N	N	N	N
N2206	70	8	51.4	74.8	Y	56.0	75.1	75.1	0.0	N	N	N	N
N2206	70	9	54.1	74.7	Y	56.0	75.0	75.0	0.0	N	N	N	N
N2206	70	10	56.8	74.5	Y	56.0	74.8	74.9	0.1	N	N	N	N
N2206	70	11	59.5	74.3	Y	55.9	74.6	74.7	0.1	N	N	N	N
N2206	70	12	62.2	74.2	Y	55.9	74.5	74.6	0.1	N	N	N	N
N2206	70	13	64.9	74.1	Y	55.9	74.4	74.4	0.0	N	N	N	N
N2206	70	14	67.6	73.9	Y	55.8	74.2	74.3	0.1	N	N	N	N
N2206	70	15	70.3	73.8	Y	55.8	74.1	74.1	0.0	N	N	N	N
N2206	70	16	73.0	73.7	Y	55.7	73.9	74.0	0.1	N	N	N	N
N2206	70	17	75.7	73.6	Y	55.7	73.8	73.9	0.1	N	N	N	N
N2206	70	18	78.4	73.5	Y	55.7	73.7	73.8	0.1	N	N	N	N
N2206	70	19	81.1	73.4	Y	55.6	73.6	73.7	0.1	N	N	N	N
N2206	70	20	83.8	73.3	Y	55.6	73.5	73.6	0.1	N	N	N	N
N2206	70	21	86.5	73.2	Y	55.5	73.4	73.4	0.0	N	N	N	N
N2206	70	22	89.2	73.1	Y	55.5	73.3	73.4	0.1	N	N	N	N
N2206	70	23	91.9	73.0	Y	55.4	73.2	73.2	0.0	N	N	N	N
N2206	70	24	94.6	72.9	Y	55.4	73.1	73.1	0.0	N	N	N	N
N2206	70	25	97.3	72.7	Y	55.4	72.9	73.0	0.1	N	N	N	N
N2206	70	26	100.0	72.7	Y	55.3	72.9	72.9	0.0	N	N	N	N
N2206	70	27	102.7	72.6	Y	55.3	72.7	72.8	0.1	N	N	N	N
N2206	70	28	105.4	72.5	Y	55.2	72.6	72.7	0.1	N	N	N	N
N2206	70	29	108.1	72.4	Y	55.2	72.6	72.6	0.0	N	N	N	N
N2206	70	30	110.8	72.3	Y	55.1	72.5	72.6	0.1	N	N	N	N
N2206	70	31	113.5	72.2	Y	55.1	72.3	72.4	0.1	N	N	N	N
N2206	70	32	116.2	72.1	Y	55.1	72.3	72.4	0.1	N	N	N	N
N2206	70	33	118.9	72.0	Y	55.0	72.2	72.3	0.1	N	N	N	N
N2206	70	34	121.6	71.9	Y	55.0	72.1	72.2	0.1	N	N	N	N
N2206	70	35	124.3	71.9	Y	55.0	72.0	72.1	0.1	N	N	N	N
N2206	70	36	127.0	71.8	Y	54.9	71.9	72.0	0.1	N	N	N	N
N2206	70	37	129.7	71.7	Y	54.8	71.9	71.9	0.0	N	N	N	N
N2206	70	38	132.4	71.6	Y	54.8	71.8	71.9	0.1	N	N	N	N
N2206	70	39	135.1	71.6	Y	54.8	71.7	71.8	0.1	N	N	N	N
N2206	70	40	137.8	71.5	Y	54.7	71.6	71.7	0.1	N	N	N	N
N3101a	70	1	5.2	73.4	Y	71.3	65.7	72.3	6.6	N	N	Y	Y
N3101b	70	1	5.2	73.0	Y	71.3	63.0	71.9	8.9	N	N	Y	Y
N3102	65	1	5.2	72.8	Y	69.7	68.9	72.3	3.4	Y	N	Y	Y
N3102	65	2	8.2	73.6	Y	71.3	69.0	73.3	4.3	Y	N	Y	Y
N3103	70	1	5.2	78.4	Y	70.3	77.9	78.6	0.7	N	N	N	N
N3103	70	2	8.2	78.4	Y	71.0	77.9	78.7	0.8	N	N	N	N
N4101	65	1	11.3	74.9	Y	64.2	74.7	75.1	0.4	N	N	N	N
N4101	65	2	14.3	77.8	Y	65.2	77.6	77.8	0.2	N	N	N	N
N4101	65	3	17.3	77.9	Y	65.2	77.7	77.9	0.2	N	N	N	N
N4101	65	4	20.3	77.9	Y	65.2	77.6	77.9	0.3	N	N	N	N
N4101	65	5	23.3	77.8	Y	65.2	77.5	77.8	0.3	N	N	N	N
N4101	65	6	26.3	77.6	Y	65.2	77.4	77.7	0.3	N	N	N	N
N4101	65	7	29.3	77.5	Y	65.1	77.3	77.5	0.2	N	N	N	N
N5011	70	1	27.9	0.0	N	67.3	0.0	67.3	67.3	N	N	N	N
N5011	70	2	30.9	0.0	N	68.1	0.0	68.1	68.1	N	N	N	N
N5011	70	3	33.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	4	36.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	5	39.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	6	42.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	7	45.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	8	48.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	9	51.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	10	54.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	11	57.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	12	60.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	13	63.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	14	66.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	15	69.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	16	72.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	17	75.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	18	78.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	19	81.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	20	84.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	21	87.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	22	90.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	23	93.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	24	96.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	25	99.9	0.0	N	68.8	0.0	68.8	68.8	N	N	N	N
N5011	70	26	102.9	0.0	N	68.9	0.0	68.9	68.9	N	N	N	N
N5011	70	27	105.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N
N5011	70	28	108.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N
N5011	70	29	111.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N5011	70	30	114.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N
N5011	70	31	117.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N
N5011	70	32	120.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N
N5011	70	33	123.9	0.0	N	69.0	0.0	69.0	69.0	N	N	N	N
N5011	70	34	126.9	0.0	N	68.9	0.0	68.9	68.9	N	N	N	N
N5011	70	35	129.9	0.0	N	68.9	0.0	68.9	68.9	N	N	N	N
N5011	70	36	132.9	0.0	N	68.9	0.0	68.9	68.9	N	N	N	N
N5011	70	37	135.9	0.0	N	68.8	0.0	68.8	68.8	N	N	N	N
N5011	70	38	138.9	0.0	N	68.8	0.0	68.8	68.8	N	N	N	N
N5011	70	39	141.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	40	144.9	0.0	N	68.7	0.0	68.7	68.7	N	N	N	N
N5011	70	41	147.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	42	150.9	0.0	N	68.6	0.0	68.6	68.6	N	N	N	N
N5011	70	43	153.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	44	156.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	45	159.9	0.0	N	68.5	0.0	68.5	68.5	N	N	N	N
N5011	70	46	162.9	0.0	N	68.4	0.0	68.4	68.4	N	N	N	N
N5011	70	47	165.9	0.0	N	68.3	0.0	68.3	68.3	N	N	N	N
N5011	70	48	168.9	0.0	N	68.3	0.0	68.3	68.3	N	N	N	N
N5012	70	1	27.9	50.3	N	70.3	47.0	70.3	23.3	N	N	N	N
N5012	70	2	30.9	50.4	N	70.6	47.0	70.6	23.6	N	N	Y	Y
N5012	70	3	33.9	50.4	N	70.7	47.0	70.7	23.7	N	N	Y	Y
N5012	70	4	36.9	50.4	N	70.7	47.1	70.7	23.6	N	N	Y	Y
N5012	70	5	39.9	50.4	N	70.7	47.0	70.7	23.7	N	N	Y	Y
N5012	70	6	42.9	50.4	N	70.7	47.0	70.7	23.7	N	N	Y	Y
N5012	70	7	45.9	50.4	N	70.7	47.0	70.7	23.7	N	N	Y	Y
N5012	70	8	48.9	50.3	N	70.7	47.0	70.7	23.7	N	N	Y	Y
N5012	70	9	51.9	50.3	N	70.7	46.9	70.7	23.8	N	N	Y	Y
N5012	70	10	54.9	50.3	N	70.7	46.9	70.7	23.8	N	N	Y	Y
N5012	70	11	57.9	50.2	N	70.8	46.9	70.8	23.9	N	N	Y	Y
N5012	70	12	60.9	50.2	N	70.8	46.8	70.9	24.1	N	N	Y	Y
N5012	70	13	63.9	50.2	N	71.0	46.7	71.0	24.3	N	N	Y	Y
N5012	70	14	66.9	50.1	N	71.1	46.7	71.1	24.4	N	N	Y	Y
N5012	70	15	69.9	50.1	N	71.1	46.6	71.1	24.5	N	N	Y	Y
N5012	70	16	72.9	50.0	N	71.1	46.6	71.2	24.6	N	N	Y	Y
N5012	70	17	75.9	50.0	N	71.3	46.5	71.3	24.8	N	N	Y	Y
N5012	70	18	78.9	49.9	N	71.4	46.5	71.4	24.9	N	N	Y	Y
N5012	70	19	81.9	49.9	N	71.5	46.4	71.6	25.2	Y	Y	Y	Y
N5012	70	20	84.9	49.8	N	71.6	46.4	71.6	25.2	Y	Y	Y	Y
N5012	70	21	87.9	49.8	N	71.6	46.3	71.6	25.3	Y	Y	Y	Y
N5012	70	22	90.9	49.8	N	71.6	46.3	71.6	25.3	Y	Y	Y	Y
N5012	70	23	93.9	49.7	N	71.6	46.2	71.6	25.4	Y	Y	Y	Y
N5012	70	24	96.9	49.7	N	71.6	46.1	71.6	25.5	Y	Y	Y	Y
N5012	70	25	99.9	49.6	N	71.6	46.1	71.6	25.5	Y	Y	Y	Y
N5012	70	26	102.9	49.6	N	71.5	46.0	71.6	25.6	Y	Y	Y	Y
N5012	70	27	105.9	49.5	N	71.5	46.0	71.5	25.5	Y	Y	Y	Y
N5012	70	28	108.9	49.5	N	71.4	45.9	71.4	25.5	N	N	Y	Y
N5012	70	29	111.9	49.5	N	71.4	45.9	71.4	25.5	N	N	Y	Y
N5012	70	30	114.9	49.4	N	71.3	45.8	71.3	25.5	N	N	Y	Y
N5012	70	31	117.9	49.4	N	71.3	45.8	71.3	25.5	N	N	Y	Y
N5012	70	32	120.9	49.3	N	71.2	45.8	71.2	25.4	N	N	Y	Y
N5012	70	33	123.9	49.3	N	71.2	45.7	71.2	25.5	N	N	Y	Y
N5012	70	34	126.9	49.2	N	71.1	45.6	71.1	25.5	N	N	Y	Y
N5012	70	35	129.9	49.2	N	71.0	45.6	71.1	25.5	N	N	Y	Y
N5012	70	36	132.9	49.1	N	71.0	45.6	71.0	25.4	N	N	Y	Y
N5012	70	37	135.9	49.1	N	70.9	45.5	70.9	25.4	N	N	Y	Y
N5012	70	38	138.9	49.0	N	70.8	45.5	70.8	25.3	N	N	Y	Y
N5012	70	39	141.9	49.0	N	70.7	45.4	70.8	25.4	N	N	Y	Y
N5012	70	40	144.9	49.0	N	70.7	45.4	70.7	25.3	N	N	Y	Y
N5012	70	41	147.9	48.9	N	70.6	45.3	70.7	25.4	N	N	Y	Y
N5012	70	42	150.9	48.9	N	70.6	45.3	70.6	25.3	N	N	Y	Y
N5012	70	43	153.9	48.8	N	70.5	45.3	70.5	25.2	N	N	Y	Y
N5012	70	44	156.9	48.8	N	70.4	45.2	70.4	25.2	N	N	N	N
N5012	70	45	159.9	48.8	N	70.3	45.2	70.4	25.2	N	N	N	N
N5012	70	46	162.9	48.7	N	70.3	45.1	70.3	25.2	N	N	N	N
N5012	70	47	165.9	48.7	N	70.2	45.1	70.2	25.1	N	N	N	N
N5012	70	48	168.9	48.6	N	70.1	45.0	70.1	25.1	N	N	N	N
N5013	70	1	27.9	53.1	N	65.2	52.2	65.4	13.2	N	N	N	N
N5013	70	2	30.9	53.6	N	66.7	52.7	66.9	14.2	N	N	N	N
N5013	70	3	33.9	53.8	N	67.6	53.0	67.7	14.7	N	N	N	N
N5013	70	4	36.9	54.0	N	68.1	53.1	68.3	15.2	N	N	N	N
N5013	70	5	39.9	54.0	N	68.3	53.1	68.4	15.3	N	N	N	N
N5013	70	6	42.9	54.0	N	68.5	53.1	68.6	15.5	N	N	N	N
N5013	70	7	45.9	54.0	N	68.5	53.1	68.6	15.5	N	N	N	N
N5013	70	8	48.9	54.0	N	68.5	53.1	68.7	15.6	N	N	N	N
N5013	70	9	51.9	54.0	N	68.6	53.1	68.7	15.6	N	N	N	N
N5013	70	10	54.9	53.9	N	68.6	53.1	68.7	15.6	N	N	N	N
N5013	70	11	57.9	53.9	N	68.6	53.1	68.7	15.6	N	N	N	N
N5013	70	12	60.9	53.9	N	68.6	53.0	68.7	15.7	N	N	N	N
N5013	70	13	63.9	53.8	N	68.6	53.0	68.7	15.7	N	N	N	N
N5013	70	14	66.9	53.8	N	68.6	53.0	68.7	15.7	N	N	N	N
N5013	70	15	69.9	53.7	N	68.7	52.9	68.8	15.9	N	N	N	N
N5013	70	16	72.9	53.7	N	68.6	52.9	68.8	15.9	N	N	N	N
N5013	70	17	75.9	53.7	N	68.7	52.9	68.8	15.9	N	N	N	N
N5013	70	18	78.9	53.6	N	68.8	52.8	68.9	16.1	N	N	N	N
N5013	70	19	81.9	53.6	N	68.8	52.8	68.9	16.1	N	N	N	N
N5013	70	20	84.9	53.6	N	69.0	52.8	69.1	16.3	N	N	N	N
N5013	70	21	87.9	53.5	N	69.1	52.7	69.2	16.5	N	N	N	N
N5013	70	22	90.9	53.5	N	69.0	52.7	69.1	16.4	N	N	N	N
N5013	70	23	93.9	53.4	N	69.1	52.7	69.2	16.5	N	N	N	N
N5013	70	24	96.9	53.4	N	69.2	52.6	69.3	16.7	N	N	N	N
N5013	70	25	99.9	53.3	N	69.2	52.6	69.3	16.7	N	N	N	N
N5013	70	26	102.9	53.3	N	69.3	52.6	69.4	16.8	N	N	N	N
N5013	70	27	105.9	53.3	N	69.5	52.5	69.5	17.0	N	N	N	N
N5013	70	28	108.9	53.2	N	69.5	52.5	69.6	17.1	N	N	N	N
N5013	70	29	111.9	53.2	N	69.5	52.5	69.6	17.1	N	N	N	N
N5013	70	30	114.9	53.2	N	69.5	52.4	69.6	17.2	N	N	N	N
N5013	70	31	117.9	53.1	N	69.6	52.4	69.7	17.3	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N5013	70	32	120.9	53.1	N	69.6	52.3	69.7	17.4	N	N	N	N
N5013	70	33	123.9	53.0	N	69.6	52.3	69.6	17.3	N	N	N	N
N5013	70	34	126.9	53.0	N	69.5	52.3	69.6	17.3	N	N	N	N
N5013	70	35	129.9	53.0	N	69.5	52.2	69.6	17.4	N	N	N	N
N5013	70	36	132.9	52.9	N	69.5	52.2	69.6	17.4	N	N	N	N
N5013	70	37	135.9	52.9	N	69.5	52.2	69.6	17.4	N	N	N	N
N5013	70	38	138.9	52.9	N	69.5	52.1	69.6	17.5	N	N	N	N
N5013	70	39	141.9	52.8	N	69.4	52.1	69.5	17.4	N	N	N	N
N5013	70	40	144.9	52.8	N	69.4	52.1	69.5	17.4	N	N	N	N
N5013	70	41	147.9	52.8	N	69.4	52.1	69.4	17.3	N	N	N	N
N5013	70	42	150.9	52.7	N	69.3	52.0	69.4	17.4	N	N	N	N
N5013	70	43	153.9	52.7	N	69.3	52.0	69.3	17.3	N	N	N	N
N5013	70	44	156.9	52.6	N	69.2	52.0	69.3	17.3	N	N	N	N
N5013	70	45	159.9	52.6	N	69.2	51.9	69.3	17.4	N	N	N	N
N5013	70	46	162.9	52.6	N	69.1	51.9	69.2	17.3	N	N	N	N
N5013	70	47	165.9	52.5	N	69.1	51.9	69.1	17.2	N	N	N	N
N5013	70	48	168.9	52.5	N	69.0	51.8	69.1	17.3	N	N	N	N
N5071	70	1	27.9	55.7	N	58.5	53.5	59.7	6.2	N	N	N	N
N5071	70	2	30.9	55.8	N	58.9	53.6	60.0	6.4	N	N	N	N
N5071	70	3	33.9	55.9	N	59.3	53.7	60.3	6.6	N	N	N	N
N5071	70	4	36.9	55.9	N	59.6	53.7	60.6	6.9	N	N	N	N
N5071	70	5	39.9	55.9	N	60.0	53.7	60.9	7.2	N	N	N	N
N5071	70	6	42.9	55.9	N	60.4	53.7	61.2	7.5	N	N	N	N
N5071	70	7	45.9	55.9	N	60.8	53.7	61.6	7.9	N	N	N	N
N5071	70	8	48.9	55.9	N	61.2	53.7	61.9	8.2	N	N	N	N
N5071	70	9	51.9	55.8	N	61.6	53.7	62.3	8.6	N	N	N	N
N5071	70	10	54.9	55.8	N	62.0	53.7	62.6	8.9	N	N	N	N
N5071	70	11	57.9	55.8	N	62.5	53.7	63.0	9.3	N	N	N	N
N5071	70	12	60.9	55.7	N	62.9	53.7	63.4	9.7	N	N	N	N
N5071	70	13	63.9	55.7	N	63.3	53.7	63.8	10.1	N	N	N	N
N5071	70	14	66.9	55.7	N	63.7	53.6	64.1	10.5	N	N	N	N
N5071	70	15	69.9	55.6	N	64.1	53.6	64.5	10.9	N	N	N	N
N5071	70	16	72.9	55.6	N	64.4	53.6	64.8	11.2	N	N	N	N
N5071	70	17	75.9	55.6	N	64.8	53.6	65.1	11.5	N	N	N	N
N5071	70	18	78.9	55.5	N	65.0	53.6	65.3	11.7	N	N	N	N
N5071	70	19	81.9	55.5	N	65.3	53.5	65.5	12.0	N	N	N	N
N5071	70	20	84.9	55.4	N	65.3	53.5	65.6	12.1	N	N	N	N
N5071	70	21	87.9	55.4	N	65.5	53.5	65.8	12.3	N	N	N	N
N5071	70	22	90.9	55.4	N	65.6	53.4	65.8	12.4	N	N	N	N
N5071	70	23	93.9	55.3	N	65.6	53.4	65.9	12.5	N	N	N	N
N5071	70	24	96.9	55.3	N	65.7	53.4	66.0	12.6	N	N	N	N
N5071	70	25	99.9	55.2	N	65.7	53.3	66.0	12.7	N	N	N	N
N5071	70	26	102.9	55.2	N	65.7	53.3	66.0	12.7	N	N	N	N
N5071	70	27	105.9	55.2	N	65.7	53.3	66.0	12.7	N	N	N	N
N5071	70	28	108.9	55.1	N	65.8	53.2	66.0	12.8	N	N	N	N
N5071	70	29	111.9	55.1	N	65.8	53.2	66.0	12.8	N	N	N	N
N5071	70	30	114.9	55.0	N	65.8	53.2	66.0	12.8	N	N	N	N
N5071	70	31	117.9	55.0	N	65.8	53.1	66.0	12.9	N	N	N	N
N5071	70	32	120.9	54.9	N	65.8	53.1	66.0	12.9	N	N	N	N
N5071	70	33	123.9	54.9	N	65.8	53.1	66.0	12.9	N	N	N	N
N5071	70	34	126.9	54.8	N	65.8	53.0	66.0	13.0	N	N	N	N
N5071	70	35	129.9	54.8	N	65.7	53.0	66.0	13.0	N	N	N	N
N5071	70	36	132.9	54.8	N	65.7	53.0	66.0	13.0	N	N	N	N
N5071	70	37	135.9	54.7	N	65.7	52.9	65.9	13.0	N	N	N	N
N5071	70	38	138.9	54.7	N	65.7	52.9	65.9	13.0	N	N	N	N
N5071	70	39	141.9	54.6	N	65.7	52.8	65.9	13.1	N	N	N	N
N5071	70	40	144.9	54.6	N	65.7	52.8	65.9	13.1	N	N	N	N
N5071	70	41	147.9	54.5	N	65.7	52.8	65.9	13.1	N	N	N	N
N5071	70	42	150.9	54.5	N	65.7	52.7	65.9	13.2	N	N	N	N
N5071	70	43	153.9	54.4	N	65.6	52.7	65.9	13.2	N	N	N	N
N5071	70	44	156.9	54.4	N	65.6	52.6	65.8	13.2	N	N	N	N
N5071	70	45	159.9	54.3	N	65.6	52.6	65.8	13.2	N	N	N	N
N5071	70	46	162.9	54.3	N	65.6	52.6	65.8	13.2	N	N	N	N
N5071	70	47	165.9	54.3	N	65.6	52.5	65.9	13.4	N	N	N	N
N5071	70	48	168.9	54.2	N	65.6	52.5	65.8	13.3	N	N	N	N
N5072	70	1	27.9	58.8	N	59.7	58.4	62.1	3.7	N	N	N	N
N5072	70	2	30.9	58.8	N	60.0	58.4	62.3	3.9	N	N	N	N
N5072	70	3	33.9	58.8	N	60.3	58.5	62.5	4.0	N	N	N	N
N5072	70	4	36.9	58.8	N	60.7	58.5	62.7	4.2	N	N	N	N
N5072	70	5	39.9	58.8	N	61.0	58.5	63.0	4.5	N	N	N	N
N5072	70	6	42.9	58.8	N	61.4	58.5	63.2	4.7	N	N	N	N
N5072	70	7	45.9	58.8	N	61.8	58.5	63.4	4.9	N	N	N	N
N5072	70	8	48.9	58.8	N	62.2	58.5	63.7	5.2	N	N	N	N
N5072	70	9	51.9	58.8	N	62.5	58.5	63.9	5.4	N	N	N	N
N5072	70	10	54.9	58.7	N	62.8	58.5	64.2	5.7	N	N	N	N
N5072	70	11	57.9	58.7	N	63.2	58.5	64.5	6.0	N	N	N	N
N5072	70	12	60.9	58.7	N	63.5	58.5	64.7	6.2	N	N	N	N
N5072	70	13	63.9	58.7	N	63.9	58.5	65.0	6.5	N	N	N	N
N5072	70	14	66.9	58.7	N	64.2	58.5	65.3	6.8	N	N	N	N
N5072	70	15	69.9	58.6	N	64.5	58.5	65.5	7.0	N	N	N	N
N5072	70	16	72.9	58.6	N	64.8	58.4	65.7	7.3	N	N	N	N
N5072	70	17	75.9	58.6	N	65.2	58.4	66.0	7.6	N	N	N	N
N5072	70	18	78.9	58.6	N	65.4	58.4	66.2	7.8	N	N	N	N
N5072	70	19	81.9	58.5	N	65.6	58.4	66.3	7.9	N	N	N	N
N5072	70	20	84.9	58.5	N	65.7	58.3	66.5	8.2	N	N	N	N
N5072	70	21	87.9	58.5	N	65.8	58.3	66.5	8.2	N	N	N	N
N5072	70	22	90.9	58.4	N	65.9	58.3	66.6	8.3	N	N	N	N
N5072	70	23	93.9	58.4	N	66.0	58.3	66.7	8.4	N	N	N	N
N5072	70	24	96.9	58.4	N	66.0	58.3	66.7	8.4	N	N	N	N
N5072	70	25	99.9	58.4	N	66.1	58.2	66.7	8.5	N	N	N	N
N5072	70	26	102.9	58.3	N	66.1	58.2	66.7	8.5	N	N	N	N
N5072	70	27	105.9	58.3	N	66.1	58.2	66.7	8.5	N	N	N	N
N5072	70	28	108.9	58.2	N	66.1	58.1	66.7	8.6	N	N	N	N
N5072	70	29	111.9	58.2	N	66.1	58.1	66.8	8.7	N	N	N	N
N5072	70	30	114.9	58.2	N	66.1	58.1	66.7	8.6	N	N	N	N
N5072	70	31	117.9	58.2	N	66.1	58.0	66.7	8.7	N	N	N	N
N5072	70	32	120.9	58.1	N	66.1	58.0	66.7	8.7	N	N	N	N
N5072	70	33	123.9	58.1	N	66.1	58.0	66.7	8.7	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N5072	70	34	126.9	58.0	N	66.1	57.9	66.7	8.8	N	N	N	N
N5072	70	35	129.9	58.0	N	66.1	57.9	66.7	8.8	N	N	N	N
N5072	70	36	132.9	58.0	N	66.1	57.9	66.7	8.8	N	N	N	N
N5072	70	37	135.9	57.9	N	66.1	57.9	66.7	8.8	N	N	N	N
N5072	70	38	138.9	57.9	N	66.0	57.8	66.6	8.8	N	N	N	N
N5072	70	39	141.9	57.9	N	66.0	57.8	66.6	8.8	N	N	N	N
N5072	70	40	144.9	57.8	N	66.0	57.7	66.6	8.9	N	N	N	N
N5072	70	41	147.9	57.8	N	66.0	57.7	66.6	8.9	N	N	N	N
N5072	70	42	150.9	57.8	N	66.0	57.7	66.6	8.9	N	N	N	N
N5072	70	43	153.9	57.7	N	66.0	57.6	66.6	9.0	N	N	N	N
N5072	70	44	156.9	57.7	N	66.0	57.6	66.6	9.0	N	N	N	N
N5072	70	45	159.9	57.6	N	65.9	57.6	66.5	8.9	N	N	N	N
N5072	70	46	162.9	57.6	N	65.9	57.5	66.5	9.0	N	N	N	N
N5072	70	47	165.9	57.6	N	65.9	57.5	66.5	9.0	N	N	N	N
N5072	70	48	168.9	57.5	N	65.9	57.5	66.5	9.0	N	N	N	N
N5073	70	1	27.9	58.8	N	59.4	57.9	61.7	3.8	N	N	N	N
N5073	70	2	30.9	58.9	N	59.7	58.0	61.9	3.9	N	N	N	N
N5073	70	3	33.9	58.9	N	60.0	58.0	62.1	4.1	N	N	N	N
N5073	70	4	36.9	58.9	N	60.3	58.0	62.3	4.3	N	N	N	N
N5073	70	5	39.9	58.9	N	60.5	58.0	62.5	4.5	N	N	N	N
N5073	70	6	42.9	58.9	N	60.8	58.0	62.7	4.7	N	N	N	N
N5073	70	7	45.9	58.9	N	61.1	58.0	62.8	4.8	N	N	N	N
N5073	70	8	48.9	58.9	N	61.4	58.0	63.0	5.0	N	N	N	N
N5073	70	9	51.9	58.9	N	61.7	58.0	63.2	5.2	N	N	N	N
N5073	70	10	54.9	58.8	N	61.9	58.0	63.4	5.4	N	N	N	N
N5073	70	11	57.9	58.8	N	62.1	57.9	63.5	5.6	N	N	N	N
N5073	70	12	60.9	58.8	N	62.3	57.9	63.7	5.8	N	N	N	N
N5073	70	13	63.9	58.8	N	62.6	57.9	63.9	6.0	N	N	N	N
N5073	70	14	66.9	58.8	N	62.7	57.9	64.0	6.1	N	N	N	N
N5073	70	15	69.9	58.7	N	63.0	57.9	64.1	6.2	N	N	N	N
N5073	70	16	72.9	58.7	N	63.2	57.8	64.3	6.5	N	N	N	N
N5073	70	17	75.9	58.7	N	63.4	57.8	64.4	6.6	N	N	N	N
N5073	70	18	78.9	58.6	N	63.6	57.8	64.6	6.8	N	N	N	N
N5073	70	19	81.9	58.6	N	63.7	57.7	64.7	7.0	N	N	N	N
N5073	70	20	84.9	58.6	N	63.8	57.7	64.8	7.1	N	N	N	N
N5073	70	21	87.9	58.6	N	64.0	57.7	64.9	7.2	N	N	N	N
N5073	70	22	90.9	58.5	N	64.0	57.6	64.9	7.3	N	N	N	N
N5073	70	23	93.9	58.5	N	64.1	57.6	65.0	7.4	N	N	N	N
N5073	70	24	96.9	58.5	N	64.1	57.6	65.0	7.4	N	N	N	N
N5073	70	25	99.9	58.4	N	64.2	57.5	65.0	7.5	N	N	N	N
N5073	70	26	102.9	58.4	N	64.2	57.5	65.0	7.5	N	N	N	N
N5073	70	27	105.9	58.4	N	64.2	57.5	65.1	7.6	N	N	N	N
N5073	70	28	108.9	58.3	N	64.2	57.4	65.1	7.7	N	N	N	N
N5073	70	29	111.9	58.3	N	64.2	57.4	65.1	7.7	N	N	N	N
N5073	70	30	114.9	58.3	N	64.2	57.4	65.1	7.7	N	N	N	N
N5073	70	31	117.9	58.2	N	64.2	57.3	65.0	7.7	N	N	N	N
N5073	70	32	120.9	58.2	N	64.2	57.3	65.0	7.7	N	N	N	N
N5073	70	33	123.9	58.2	N	64.3	57.3	65.0	7.7	N	N	N	N
N5073	70	34	126.9	58.1	N	64.2	57.2	65.0	7.8	N	N	N	N
N5073	70	35	129.9	58.1	N	64.2	57.2	65.0	7.8	N	N	N	N
N5073	70	36	132.9	58.1	N	64.3	57.2	65.0	7.8	N	N	N	N
N5073	70	37	135.9	58.0	N	64.2	57.1	65.0	7.9	N	N	N	N
N5073	70	38	138.9	58.0	N	64.2	57.1	65.0	7.9	N	N	N	N
N5073	70	39	141.9	58.0	N	64.2	57.1	65.0	7.9	N	N	N	N
N5073	70	40	144.9	57.9	N	64.2	57.0	65.0	8.0	N	N	N	N
N5073	70	41	147.9	57.9	N	64.2	57.0	65.0	8.0	N	N	N	N
N5073	70	42	150.9	57.9	N	64.2	57.0	64.9	7.9	N	N	N	N
N5073	70	43	153.9	57.8	N	64.2	56.9	64.9	8.0	N	N	N	N
N5073	70	44	156.9	57.8	N	64.1	56.9	64.9	8.0	N	N	N	N
N5073	70	45	159.9	57.8	N	64.1	56.9	64.9	8.0	N	N	N	N
N5073	70	46	162.9	57.7	N	64.1	56.8	64.9	8.1	N	N	N	N
N5073	70	47	165.9	57.7	N	64.1	56.8	64.9	8.1	N	N	N	N
N5073	70	48	168.9	57.7	N	64.1	56.7	64.8	8.1	N	N	N	N
N5171	70	1	27.9	65.0	N	63.8	64.1	66.9	2.8	N	N	N	N
N5171	70	2	30.9	64.9	N	63.8	64.0	66.9	2.9	N	N	N	N
N5171	70	3	33.9	64.8	N	63.8	63.9	66.9	3.0	N	N	N	N
N5171	70	4	36.9	64.7	N	63.8	63.9	66.8	2.9	N	N	N	N
N5171	70	5	39.9	64.6	N	63.7	63.7	66.8	3.1	N	N	N	N
N5171	70	6	42.9	64.5	N	63.7	63.6	66.7	3.1	N	N	N	N
N5171	70	7	45.9	64.3	N	63.7	63.6	66.7	3.1	N	N	N	N
N5171	70	8	48.9	64.2	N	63.7	63.4	66.6	3.2	N	N	N	N
N5171	70	9	51.9	64.1	N	63.7	63.3	66.5	3.2	N	N	N	N
N5171	70	10	54.9	64.0	N	63.7	63.2	66.5	3.3	N	N	N	N
N5171	70	11	57.9	63.9	N	63.7	63.1	66.4	3.3	N	N	N	N
N5171	70	12	60.9	63.8	N	63.7	63.0	66.4	3.4	N	N	N	N
N5171	70	13	63.9	63.6	N	63.7	62.9	66.3	3.4	N	N	N	N
N5171	70	14	66.9	63.5	N	63.6	62.8	66.3	3.5	N	N	N	N
N5171	70	15	69.9	63.4	N	63.6	62.7	66.2	3.5	N	N	N	N
N5171	70	16	72.9	63.3	N	63.6	62.6	66.1	3.5	N	N	N	N
N5171	70	17	75.9	63.2	N	63.6	62.5	66.1	3.6	N	N	N	N
N5171	70	18	78.9	63.1	N	63.6	62.4	66.0	3.6	N	N	N	N
N5171	70	19	81.9	63.0	N	63.5	62.3	66.0	3.7	N	N	N	N
N5171	70	20	84.9	62.9	N	63.5	62.2	65.9	3.7	N	N	N	N
N5171	70	21	87.9	62.8	N	63.5	62.2	65.9	3.7	N	N	N	N
N5171	70	22	90.9	62.7	N	63.5	62.1	65.9	3.8	N	N	N	N
N5171	70	23	93.9	62.6	N	63.5	62.0	65.8	3.8	N	N	N	N
N5171	70	24	96.9	62.5	N	63.5	61.9	65.8	3.9	N	N	N	N
N5171	70	25	99.9	62.5	N	63.5	61.8	65.7	3.9	N	N	N	N
N5171	70	26	102.9	62.4	N	63.4	61.7	65.7	4.0	N	N	N	N
N5171	70	27	105.9	62.3	N	63.4	61.6	65.6	4.0	N	N	N	N
N5171	70	28	108.9	62.2	N	63.4	61.5	65.6	4.1	N	N	N	N
N5171	70	29	111.9	62.1	N	63.5	61.5	65.6	4.1	N	N	N	N
N5171	70	30	114.9	62.0	N	63.5	61.4	65.6	4.2	N	N	N	N
N5171	70	31	117.9	62.0	N	63.5	61.3	65.6	4.3	N	N	N	N
N5171	70	32	120.9	61.9	N	63.5	61.2	65.5	4.3	N	N	N	N
N5171	70	33	123.9	61.8	N	63.6	61.1	65.5	4.4	N	N	N	N
N5171	70	34	126.9	61.7	N	63.6	61.1	65.5	4.4	N	N	N	N
N5171	70	35	129.9	61.7	N	63.6	61.0	65.5	4.5	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N5171	70	36	132.9	61.6	N	63.6	60.9	65.5	4.6	N	N	N	N
N5171	70	37	135.9	61.5	N	63.6	60.8	65.5	4.7	N	N	N	N
N5171	70	38	138.9	61.4	N	63.7	60.8	65.5	4.7	N	N	N	N
N5171	70	39	141.9	61.4	N	63.7	60.7	65.5	4.8	N	N	N	N
N5171	70	40	144.9	61.3	N	63.7	60.6	65.4	4.8	N	N	N	N
N5171	70	41	147.9	61.2	N	63.7	60.6	65.4	4.8	N	N	N	N
N5171	70	42	150.9	61.2	N	63.7	60.5	65.4	4.9	N	N	N	N
N5171	70	43	153.9	61.1	N	63.7	60.5	65.4	4.9	N	N	N	N
N5171	70	44	156.9	61.0	N	63.7	60.4	65.4	5.0	N	N	N	N
N5171	70	45	159.9	61.0	N	63.7	60.3	65.4	5.1	N	N	N	N
N5171	70	46	162.9	60.9	N	63.7	60.3	65.4	5.1	N	N	N	N
N5171	70	47	165.9	60.9	N	63.8	60.2	65.3	5.1	N	N	N	N
N5171	70	48	168.9	60.8	N	63.7	60.1	65.3	5.2	N	N	N	N
N5172	70	1	27.9	68.9	N	63.4	69.1	70.1	1.0	N	N	N	N
N5172	70	2	30.9	69.2	N	63.3	69.4	70.4	1.0	N	N	N	N
N5172	70	3	33.9	69.4	N	63.3	69.6	70.5	0.9	N	N	N	N
N5172	70	4	36.9	69.3	N	63.2	69.5	70.5	1.0	N	N	Y	Y
N5172	70	5	39.9	69.2	N	63.2	69.4	70.4	1.0	N	N	N	N
N5172	70	6	42.9	69.1	N	63.1	69.4	70.3	0.9	N	N	N	N
N5172	70	7	45.9	69.0	N	63.1	69.3	70.3	1.0	N	N	N	N
N5172	70	8	48.9	69.0	N	63.1	69.3	70.2	0.9	N	N	N	N
N5172	70	9	51.9	69.0	N	63.0	69.3	70.2	0.9	N	N	N	N
N5172	70	10	54.9	68.9	N	63.0	69.2	70.2	1.0	N	N	N	N
N5172	70	11	57.9	68.8	N	63.0	69.1	70.1	1.0	N	N	N	N
N5172	70	12	60.9	68.7	N	62.9	69.0	70.0	1.0	N	N	N	N
N5172	70	13	63.9	68.6	N	62.9	68.9	69.9	1.0	N	N	N	N
N5172	70	14	66.9	68.4	N	62.8	68.8	69.8	1.0	N	N	N	N
N5172	70	15	69.9	68.3	N	62.8	68.7	69.7	1.0	N	N	N	N
N5172	70	16	72.9	68.2	N	62.8	68.6	69.6	1.0	N	N	N	N
N5172	70	17	75.9	68.1	N	62.8	68.4	69.5	1.1	N	N	N	N
N5172	70	18	78.9	68.0	N	62.7	68.3	69.4	1.1	N	N	N	N
N5172	70	19	81.9	67.8	N	62.7	68.2	69.3	1.1	N	N	N	N
N5172	70	20	84.9	67.7	N	62.7	68.1	69.2	1.1	N	N	N	N
N5172	70	21	87.9	67.6	N	62.7	67.9	69.1	1.2	N	N	N	N
N5172	70	22	90.9	67.5	N	62.7	67.8	69.0	1.2	N	N	N	N
N5172	70	23	93.9	67.3	N	62.6	67.7	68.9	1.2	N	N	N	N
N5172	70	24	96.9	67.2	N	62.6	67.6	68.8	1.2	N	N	N	N
N5172	70	25	99.9	67.1	N	62.6	67.5	68.7	1.2	N	N	N	N
N5172	70	26	102.9	67.0	N	62.6	67.4	68.6	1.2	N	N	N	N
N5172	70	27	105.9	66.9	N	62.5	67.3	68.5	1.2	N	N	N	N
N5172	70	28	108.9	66.8	N	62.5	67.2	68.5	1.3	N	N	N	N
N5172	70	29	111.9	66.7	N	62.5	67.1	68.4	1.3	N	N	N	N
N5172	70	30	114.9	66.6	N	62.5	67.0	68.3	1.3	N	N	N	N
N5172	70	31	117.9	66.5	N	62.5	66.9	68.2	1.3	N	N	N	N
N5172	70	32	120.9	66.4	N	62.6	66.8	68.2	1.4	N	N	N	N
N5172	70	33	123.9	66.3	N	62.6	66.7	68.1	1.4	N	N	N	N
N5172	70	34	126.9	66.2	N	62.6	66.6	68.0	1.4	N	N	N	N
N5172	70	35	129.9	66.1	N	62.6	66.5	68.0	1.5	N	N	N	N
N5172	70	36	132.9	66.0	N	62.6	66.4	67.9	1.5	N	N	N	N
N5172	70	37	135.9	65.9	N	62.6	66.3	67.8	1.5	N	N	N	N
N5172	70	38	138.9	65.8	N	62.6	66.2	67.8	1.6	N	N	N	N
N5172	70	39	141.9	65.8	N	62.6	66.1	67.7	1.6	N	N	N	N
N5172	70	40	144.9	65.7	N	62.6	66.1	67.7	1.6	N	N	N	N
N5172	70	41	147.9	65.6	N	62.6	66.0	67.6	1.6	N	N	N	N
N5172	70	42	150.9	65.6	N	62.6	65.9	67.6	1.7	N	N	N	N
N5172	70	43	153.9	65.5	N	62.6	65.9	67.5	1.6	N	N	N	N
N5172	70	44	156.9	65.4	N	62.6	65.8	67.5	1.7	N	N	N	N
N5172	70	45	159.9	65.3	N	62.6	65.7	67.4	1.7	N	N	N	N
N5172	70	46	162.9	65.3	N	62.5	65.6	67.4	1.8	N	N	N	N
N5172	70	47	165.9	65.2	N	62.5	65.5	67.3	1.8	N	N	N	N
N5172	70	48	168.9	65.1	N	62.5	65.5	67.2	1.7	N	N	N	N
N5173	70	1	27.9	71.7	Y	60.4	72.1	72.4	0.3	N	N	N	N
N5173	70	2	30.9	72.1	Y	60.2	72.6	72.8	0.2	N	N	N	N
N5173	70	3	33.9	72.1	Y	60.1	72.6	72.9	0.3	N	N	N	N
N5173	70	4	36.9	72.0	Y	59.9	72.5	72.7	0.2	N	N	N	N
N5173	70	5	39.9	71.7	Y	59.7	72.2	72.4	0.2	N	N	N	N
N5173	70	6	42.9	71.4	Y	59.5	71.9	72.2	0.3	N	N	N	N
N5173	70	7	45.9	71.1	Y	59.4	71.6	71.9	0.3	N	N	N	N
N5173	70	8	48.9	70.9	Y	59.2	71.4	71.7	0.3	N	N	N	N
N5173	70	9	51.9	70.7	Y	59.1	71.2	71.4	0.2	N	N	N	N
N5173	70	10	54.9	70.4	N	58.9	71.0	71.2	0.2	N	N	N	N
N5173	70	11	57.9	70.2	N	58.8	70.7	71.0	0.3	N	N	N	N
N5173	70	12	60.9	70.0	N	58.6	70.6	70.8	0.2	N	N	N	N
N5173	70	13	63.9	69.8	N	58.5	70.3	70.6	0.3	N	N	N	N
N5173	70	14	66.9	69.6	N	58.4	70.2	70.4	0.2	N	N	N	N
N5173	70	15	69.9	69.4	N	58.2	70.0	70.3	0.3	N	N	N	N
N5173	70	16	72.9	69.3	N	58.1	69.8	70.1	0.3	N	N	N	N
N5173	70	17	75.9	69.1	N	58.0	69.6	69.9	0.3	N	N	N	N
N5173	70	18	78.9	68.9	N	57.9	69.4	69.7	0.3	N	N	N	N
N5173	70	19	81.9	68.7	N	57.8	69.3	69.6	0.3	N	N	N	N
N5173	70	20	84.9	68.6	N	57.7	69.1	69.4	0.3	N	N	N	N
N5173	70	21	87.9	68.4	N	57.6	69.0	69.3	0.3	N	N	N	N
N5173	70	22	90.9	68.3	N	57.5	68.8	69.1	0.3	N	N	N	N
N5173	70	23	93.9	68.1	N	57.4	68.7	69.0	0.3	N	N	N	N
N5173	70	24	96.9	68.0	N	57.3	68.5	68.9	0.4	N	N	N	N
N5173	70	25	99.9	67.9	N	57.2	68.4	68.7	0.3	N	N	N	N
N5173	70	26	102.9	67.8	N	57.1	68.3	68.6	0.3	N	N	N	N
N5173	70	27	105.9	67.6	N	57.0	68.2	68.5	0.3	N	N	N	N
N5173	70	28	108.9	67.5	N	56.9	68.0	68.3	0.3	N	N	N	N
N5173	70	29	111.9	67.4	N	56.8	67.9	68.2	0.3	N	N	N	N
N5173	70	30	114.9	67.3	N	56.7	67.8	68.1	0.3	N	N	N	N
N5173	70	31	117.9	67.2	N	56.6	67.7	68.0	0.3	N	N	N	N
N5173	70	32	120.9	67.0	N	56.6	67.6	67.9	0.3	N	N	N	N
N5173	70	33	123.9	66.9	N	56.5	67.5	67.8	0.3	N	N	N	N
N5173	70	34	126.9	66.9	N	56.4	67.4	67.7	0.3	N	N	N	N
N5173	70	35	129.9	66.8	N	56.3	67.3	67.6	0.3	N	N	N	N
N5173	70	36	132.9	66.7	N	56.2	67.2	67.5	0.3	N	N	N	N
N5173	70	37	135.9	66.6	N	56.2	67.1	67.4	0.3	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N5173	70	38	138.9	66.5	N	56.1	67.0	67.4	0.4	N	N	N	N
N5173	70	39	141.9	66.4	N	56.0	66.9	67.3	0.4	N	N	N	N
N5173	70	40	144.9	66.3	N	55.9	66.8	67.2	0.4	N	N	N	N
N5173	70	41	147.9	66.2	N	55.9	66.7	67.1	0.4	N	N	N	N
N5173	70	42	150.9	66.1	N	55.8	66.7	67.0	0.3	N	N	N	N
N5173	70	43	153.9	66.0	N	55.7	66.6	66.9	0.3	N	N	N	N
N5173	70	44	156.9	65.9	N	55.7	66.5	66.8	0.3	N	N	N	N
N5173	70	45	159.9	65.8	N	55.6	66.4	66.7	0.3	N	N	N	N
N5173	70	46	162.9	65.8	N	55.5	66.3	66.7	0.4	N	N	N	N
N5173	70	47	165.9	65.7	N	55.5	66.3	66.6	0.3	N	N	N	N
N5173	70	48	168.9	65.6	N	55.4	66.2	66.5	0.3	N	N	N	N
N6101	70	1	37.7	63.9	N	62.7	61.8	65.3	3.5	N	N	N	N
N6101	70	2	40.7	68.4	N	65.2	67.7	69.6	1.9	N	N	N	N
N6101	70	3	43.7	69.0	N	65.1	68.6	70.2	1.6	N	N	N	N
N6101	70	4	46.7	69.1	N	65.0	68.8	70.3	1.5	N	N	N	N
N6101	70	5	49.7	69.2	N	65.0	69.0	70.4	1.4	N	N	N	N
N6101	70	6	52.7	69.2	N	64.9	69.0	70.4	1.4	N	N	N	N
N6101	70	7	55.7	69.1	N	64.8	68.9	70.3	1.4	N	N	N	N
N6101	70	8	58.7	69.1	N	64.7	68.9	70.3	1.4	N	N	N	N
N6101	70	9	61.7	69.0	N	64.7	68.8	70.2	1.4	N	N	N	N
N6101	70	10	64.7	68.8	N	64.6	68.7	70.1	1.4	N	N	N	N
N6101	70	11	67.7	68.7	N	64.5	68.5	70.0	1.5	N	N	N	N
N6101	70	12	70.7	68.6	N	64.4	68.4	69.9	1.5	N	N	N	N
N6101	70	13	73.7	68.6	N	64.4	68.4	69.8	1.4	N	N	N	N
N6101	70	14	76.7	68.5	N	64.3	68.3	69.8	1.5	N	N	N	N
N6101	70	15	79.7	68.4	N	64.2	68.2	69.7	1.5	N	N	N	N
N6101	70	16	82.7	68.3	N	64.2	68.1	69.6	1.5	N	N	N	N
N6101	70	17	85.7	68.2	N	64.1	68.0	69.5	1.5	N	N	N	N
N6101	70	18	88.7	68.1	N	64.1	67.9	69.4	1.5	N	N	N	N
N6101	70	19	91.7	68.0	N	64.0	67.8	69.3	1.5	N	N	N	N
N6101	70	20	94.7	67.9	N	64.0	67.8	69.3	1.5	N	N	N	N
N6101	70	21	97.7	67.8	N	63.9	67.7	69.2	1.5	N	N	N	N
N6101	70	22	100.7	67.8	N	63.9	67.6	69.1	1.5	N	N	N	N
N6101	70	23	103.7	67.6	N	63.8	67.5	69.0	1.5	N	N	N	N
N6101	70	24	106.7	67.5	N	63.8	67.4	68.9	1.5	N	N	N	N
N6101	70	25	109.7	67.4	N	63.8	67.3	68.9	1.6	N	N	N	N
N6101	70	26	112.7	67.4	N	63.8	67.2	68.8	1.6	N	N	N	N
N6101	70	27	115.7	67.3	N	63.8	67.1	68.8	1.7	N	N	N	N
N6101	70	28	118.7	67.2	N	63.7	67.0	68.7	1.7	N	N	N	N
N6101	70	29	121.7	67.1	N	63.7	66.9	68.6	1.7	N	N	N	N
N6101	70	30	124.7	67.0	N	63.7	66.8	68.5	1.7	N	N	N	N
N6101	70	31	127.7	66.9	N	63.7	66.7	68.5	1.8	N	N	N	N
N6101	70	32	130.7	66.8	N	63.7	66.6	68.4	1.8	N	N	N	N
N6101	70	33	133.7	66.7	N	63.7	66.5	68.4	1.9	N	N	N	N
N6101	70	34	136.7	66.7	N	63.7	66.5	68.3	1.8	N	N	N	N
N6101	70	35	139.7	66.6	N	63.7	66.4	68.2	1.8	N	N	N	N
N6101	70	36	142.7	66.5	N	63.7	66.3	68.2	1.9	N	N	N	N
N6101	70	37	145.7	66.4	N	63.7	66.2	68.1	1.9	N	N	N	N
N6101	70	38	148.7	66.3	N	63.6	66.1	68.1	2.0	N	N	N	N
N6101	70	39	151.7	66.3	N	63.7	66.1	68.0	1.9	N	N	N	N
N6101	70	40	154.7	66.2	N	63.7	66.0	68.0	2.0	N	N	N	N
N6101	70	41	157.7	66.1	N	63.6	65.9	67.9	2.0	N	N	N	N
N6101	70	42	160.7	66.0	N	63.6	65.8	67.9	2.1	N	N	N	N
N6101	70	43	163.7	66.0	N	63.6	65.7	67.8	2.1	N	N	N	N
N6101	70	44	166.7	65.9	N	63.6	65.7	67.8	2.1	N	N	N	N
N6101	70	45	169.7	65.8	N	63.6	65.6	67.7	2.1	N	N	N	N
N6101	70	46	172.7	65.8	N	63.6	65.5	67.7	2.2	N	N	N	N
N6101	70	47	175.7	65.7	N	63.6	65.5	67.6	2.1	N	N	N	N
N6101	70	48	178.7	65.6	N	63.6	65.4	67.6	2.2	N	N	N	N
N6101	70	49	181.7	65.6	N	63.5	65.4	67.6	2.2	N	N	N	N
N6101	70	50	184.7	65.5	N	63.5	65.3	67.5	2.2	N	N	N	N
N6101	70	51	187.7	65.5	N	63.5	65.2	67.5	2.3	N	N	N	N
N6101	70	52	190.7	65.4	N	63.5	65.2	67.4	2.2	N	N	N	N
N6101	70	53	193.7	65.3	N	63.4	65.1	67.4	2.3	N	N	N	N
N6101	70	54	196.7	65.3	N	63.4	65.0	67.3	2.3	N	N	N	N
N6101	70	55	199.7	65.2	N	63.4	65.0	67.3	2.3	N	N	N	N
N6102	70	1	37.7	62.4	N	59.7	60.9	63.4	2.5	N	N	N	N
N6102	70	2	40.7	67.3	N	64.2	65.9	68.1	2.2	N	N	N	N
N6102	70	3	43.7	67.8	N	64.2	66.7	68.7	2.0	N	N	N	N
N6102	70	4	46.7	68.0	N	64.1	67.2	68.9	1.7	N	N	N	N
N6102	70	5	49.7	68.2	N	64.0	67.5	69.1	1.6	N	N	N	N
N6102	70	6	52.7	68.3	N	63.9	67.6	69.2	1.6	N	N	N	N
N6102	70	7	55.7	68.3	N	63.8	67.7	69.2	1.5	N	N	N	N
N6102	70	8	58.7	68.2	N	63.8	67.7	69.2	1.5	N	N	N	N
N6102	70	9	61.7	68.2	N	63.7	67.6	69.1	1.5	N	N	N	N
N6102	70	10	64.7	68.1	N	63.6	67.6	69.0	1.4	N	N	N	N
N6102	70	11	67.7	68.0	N	63.5	67.5	68.9	1.4	N	N	N	N
N6102	70	12	70.7	67.9	N	63.4	67.4	68.9	1.5	N	N	N	N
N6102	70	13	73.7	67.8	N	63.4	67.4	68.8	1.4	N	N	N	N
N6102	70	14	76.7	67.8	N	63.3	67.3	68.8	1.5	N	N	N	N
N6102	70	15	79.7	67.7	N	63.3	67.2	68.7	1.5	N	N	N	N
N6102	70	16	82.7	67.6	N	63.2	67.1	68.6	1.5	N	N	N	N
N6102	70	17	85.7	67.5	N	63.2	67.1	68.5	1.4	N	N	N	N
N6102	70	18	88.7	67.4	N	63.1	67.0	68.5	1.5	N	N	N	N
N6102	70	19	91.7	67.3	N	63.0	66.9	68.4	1.5	N	N	N	N
N6102	70	20	94.7	67.2	N	63.0	66.8	68.3	1.5	N	N	N	N
N6102	70	21	97.7	67.1	N	62.9	66.7	68.2	1.5	N	N	N	N
N6102	70	22	100.7	67.0	N	62.9	66.6	68.2	1.6	N	N	N	N
N6102	70	23	103.7	66.9	N	62.9	66.5	68.1	1.6	N	N	N	N
N6102	70	24	106.7	66.8	N	62.8	66.4	68.0	1.6	N	N	N	N
N6102	70	25	109.7	66.8	N	62.8	66.4	67.9	1.5	N	N	N	N
N6102	70	26	112.7	66.7	N	62.8	66.3	67.9	1.6	N	N	N	N
N6102	70	27	115.7	66.6	N	62.8	66.1	67.8	1.7	N	N	N	N
N6102	70	28	118.7	66.5	N	62.8	66.1	67.7	1.6	N	N	N	N
N6102	70	29	121.7	66.4	N	62.8	66.0	67.7	1.7	N	N	N	N
N6102	70	30	124.7	66.3	N	62.8	65.9	67.6	1.7	N	N	N	N
N6102	70	31	127.7	66.2	N	62.8	65.8	67.5	1.7	N	N	N	N
N6102	70	32	130.7	66.1	N	62.7	65.7	67.5	1.8	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N6102	70	33	133.7	66.0	N	62.8	65.6	67.4	1.8	N	N	N	N
N6102	70	34	136.7	65.9	N	62.8	65.5	67.4	1.9	N	N	N	N
N6102	70	35	139.7	65.9	N	62.8	65.4	67.3	1.9	N	N	N	N
N6102	70	36	142.7	65.8	N	62.7	65.4	67.3	1.9	N	N	N	N
N6102	70	37	145.7	65.7	N	62.7	65.3	67.2	1.9	N	N	N	N
N6102	70	38	148.7	65.6	N	62.7	65.2	67.1	1.9	N	N	N	N
N6102	70	39	151.7	65.5	N	62.7	65.1	67.1	2.0	N	N	N	N
N6102	70	40	154.7	65.5	N	62.8	65.1	67.1	2.0	N	N	N	N
N6102	70	41	157.7	65.4	N	62.7	65.0	67.0	2.0	N	N	N	N
N6102	70	42	160.7	65.3	N	62.7	64.9	66.9	2.0	N	N	N	N
N6102	70	43	163.7	65.2	N	62.7	64.8	66.9	2.1	N	N	N	N
N6102	70	44	166.7	65.2	N	62.7	64.7	66.9	2.2	N	N	N	N
N6102	70	45	169.7	65.1	N	62.7	64.7	66.8	2.1	N	N	N	N
N6102	70	46	172.7	65.0	N	62.7	64.6	66.8	2.2	N	N	N	N
N6102	70	47	175.7	64.9	N	62.7	64.5	66.7	2.2	N	N	N	N
N6102	70	48	178.7	64.9	N	62.7	64.5	66.7	2.2	N	N	N	N
N6102	70	49	181.7	64.8	N	62.7	64.4	66.6	2.2	N	N	N	N
N6102	70	50	184.7	64.7	N	62.6	64.3	66.6	2.3	N	N	N	N
N6102	70	51	187.7	64.7	N	62.6	64.3	66.5	2.2	N	N	N	N
N6102	70	52	190.7	64.6	N	62.6	64.2	66.5	2.3	N	N	N	N
N6102	70	53	193.7	64.5	N	62.6	64.1	66.4	2.3	N	N	N	N
N6102	70	54	196.7	64.5	N	62.6	64.1	66.4	2.3	N	N	N	N
N6102	70	55	199.7	64.4	N	62.6	64.0	66.3	2.3	N	N	N	N
N6201	70	1	37.7	62.4	N	60.0	61.3	63.7	2.4	N	N	N	N
N6201	70	2	40.7	64.5	N	61.1	64.0	65.8	1.8	N	N	N	N
N6201	70	3	43.7	65.4	N	61.0	65.2	66.6	1.4	N	N	N	N
N6201	70	4	46.7	66.3	N	60.9	66.3	67.4	1.1	N	N	N	N
N6201	70	5	49.7	67.0	N	60.8	67.2	68.1	0.9	N	N	N	N
N6201	70	6	52.7	67.4	N	60.7	67.7	68.5	0.8	N	N	N	N
N6201	70	7	55.7	67.6	N	60.6	67.8	68.6	0.8	N	N	N	N
N6201	70	8	58.7	67.6	N	60.4	67.9	68.6	0.7	N	N	N	N
N6201	70	9	61.7	67.6	N	60.3	67.9	68.6	0.7	N	N	N	N
N6201	70	10	64.7	67.7	N	60.2	67.9	68.6	0.7	N	N	N	N
N6201	70	11	67.7	67.6	N	60.1	67.9	68.6	0.7	N	N	N	N
N6201	70	12	70.7	67.6	N	59.9	67.9	68.5	0.6	N	N	N	N
N6201	70	13	73.7	67.5	N	59.8	67.9	68.5	0.6	N	N	N	N
N6201	70	14	76.7	67.5	N	59.7	67.9	68.5	0.6	N	N	N	N
N6201	70	15	79.7	67.5	N	59.6	67.8	68.4	0.6	N	N	N	N
N6201	70	16	82.7	67.5	N	59.5	67.8	68.4	0.6	N	N	N	N
N6201	70	17	85.7	67.4	N	59.4	67.8	68.3	0.5	N	N	N	N
N6201	70	18	88.7	67.4	N	59.2	67.7	68.3	0.6	N	N	N	N
N6201	70	19	91.7	67.3	N	59.1	67.6	68.2	0.6	N	N	N	N
N6201	70	20	94.7	67.2	N	59.0	67.5	68.1	0.6	N	N	N	N
N6201	70	21	97.7	67.1	N	58.9	67.5	68.0	0.5	N	N	N	N
N6201	70	22	100.7	67.0	N	58.8	67.4	67.9	0.5	N	N	N	N
N6201	70	23	103.7	67.0	N	58.7	67.3	67.9	0.6	N	N	N	N
N6201	70	24	106.7	66.9	N	58.6	67.2	67.8	0.6	N	N	N	N
N6201	70	25	109.7	66.8	N	58.5	67.1	67.7	0.6	N	N	N	N
N6201	70	26	112.7	66.7	N	58.4	67.0	67.6	0.6	N	N	N	N
N6201	70	27	115.7	66.6	N	58.3	66.9	67.5	0.6	N	N	N	N
N6201	70	28	118.7	66.5	N	58.3	66.8	67.4	0.6	N	N	N	N
N6201	70	29	121.7	66.4	N	58.2	66.7	67.3	0.6	N	N	N	N
N6201	70	30	124.7	66.3	N	58.1	66.7	67.2	0.5	N	N	N	N
N6201	70	31	127.7	66.2	N	58.0	66.6	67.1	0.5	N	N	N	N
N6201	70	32	130.7	66.1	N	57.9	66.5	67.1	0.6	N	N	N	N
N6201	70	33	133.7	66.1	N	57.8	66.4	67.0	0.6	N	N	N	N
N6201	70	34	136.7	66.0	N	57.7	66.3	66.9	0.6	N	N	N	N
N6201	70	35	139.7	65.9	N	57.7	66.2	66.8	0.6	N	N	N	N
N6201	70	36	142.7	65.8	N	57.6	66.1	66.7	0.6	N	N	N	N
N6201	70	37	145.7	65.7	N	57.5	66.1	66.6	0.5	N	N	N	N
N6201	70	38	148.7	65.6	N	57.5	66.0	66.6	0.6	N	N	N	N
N6201	70	39	151.7	65.6	N	57.4	65.9	66.5	0.6	N	N	N	N
N6201	70	40	154.7	65.5	N	57.3	65.9	66.4	0.5	N	N	N	N
N6201	70	41	157.7	65.4	N	57.2	65.8	66.3	0.5	N	N	N	N
N6201	70	42	160.7	65.3	N	57.2	65.7	66.2	0.5	N	N	N	N
N6201	70	43	163.7	65.3	N	57.1	65.6	66.2	0.6	N	N	N	N
N6201	70	44	166.7	65.2	N	57.0	65.6	66.1	0.5	N	N	N	N
N6201	70	45	169.7	65.1	N	57.0	65.5	66.0	0.5	N	N	N	N
N6201	70	46	172.7	65.0	N	56.9	65.4	66.0	0.6	N	N	N	N
N6201	70	47	175.7	65.0	N	56.8	65.3	65.9	0.6	N	N	N	N
N6201	70	48	178.7	64.9	N	56.8	65.3	65.8	0.5	N	N	N	N
N6201	70	49	181.7	64.8	N	56.7	65.2	65.7	0.5	N	N	N	N
N6201	70	50	184.7	64.8	N	56.6	65.1	65.7	0.6	N	N	N	N
N6201	70	51	187.7	64.7	N	56.6	65.1	65.6	0.5	N	N	N	N
N6201	70	52	190.7	64.6	N	56.5	65.0	65.5	0.5	N	N	N	N
N6201	70	53	193.7	64.6	N	56.4	64.9	65.5	0.6	N	N	N	N
N6201	70	54	196.7	64.5	N	56.4	64.9	65.4	0.5	N	N	N	N
N6201	70	55	199.7	64.4	N	56.3	64.8	65.4	0.6	N	N	N	N
N6202	70	1	37.7	61.1	N	56.5	61.2	62.5	1.3	N	N	N	N
N6202	70	2	40.7	64.2	N	60.6	63.6	65.4	1.8	N	N	N	N
N6202	70	3	43.7	65.2	N	60.6	64.9	66.3	1.4	N	N	N	N
N6202	70	4	46.7	66.1	N	60.6	66.0	67.1	1.1	N	N	N	N
N6202	70	5	49.7	66.9	N	60.5	67.0	67.8	0.8	N	N	N	N
N6202	70	6	52.7	67.3	N	60.3	67.5	68.3	0.8	N	N	N	N
N6202	70	7	55.7	67.5	N	60.2	67.7	68.4	0.7	N	N	N	N
N6202	70	8	58.7	67.6	N	60.1	67.8	68.5	0.7	N	N	N	N
N6202	70	9	61.7	67.6	N	59.9	67.8	68.5	0.7	N	N	N	N
N6202	70	10	64.7	67.6	N	59.8	67.9	68.5	0.6	N	N	N	N
N6202	70	11	67.7	67.6	N	59.7	67.8	68.5	0.7	N	N	N	N
N6202	70	12	70.7	67.6	N	59.6	67.9	68.5	0.6	N	N	N	N
N6202	70	13	73.7	67.5	N	59.5	67.8	68.4	0.6	N	N	N	N
N6202	70	14	76.7	67.5	N	59.3	67.8	68.4	0.6	N	N	N	N
N6202	70	15	79.7	67.5	N	59.2	67.8	68.4	0.6	N	N	N	N
N6202	70	16	82.7	67.4	N	59.1	67.7	68.3	0.6	N	N	N	N
N6202	70	17	85.7	67.4	N	59.0	67.7	68.3	0.6	N	N	N	N
N6202	70	18	88.7	67.4	N	58.9	67.7	68.2	0.5	N	N	N	N
N6202	70	19	91.7	67.3	N	58.8	67.6	68.1	0.5	N	N	N	N
N6202	70	20	94.7	67.2	N	58.7	67.5	68.0	0.5	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the exceeds criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N6202	70	21	97.7	67.1	N	58.6	67.4	68.0	0.6	N	N	N	N
N6202	70	22	100.7	67.0	N	58.4	67.3	67.9	0.6	N	N	N	N
N6202	70	23	103.7	66.9	N	58.4	67.3	67.8	0.5	N	N	N	N
N6202	70	24	106.7	66.8	N	58.3	67.2	67.7	0.5	N	N	N	N
N6202	70	25	109.7	66.8	N	58.2	67.1	67.6	0.5	N	N	N	N
N6202	70	26	112.7	66.7	N	58.1	67.0	67.5	0.5	N	N	N	N
N6202	70	27	115.7	66.6	N	58.0	66.9	67.4	0.5	N	N	N	N
N6202	70	28	118.7	66.5	N	57.9	66.8	67.3	0.5	N	N	N	N
N6202	70	29	121.7	66.4	N	57.8	66.7	67.2	0.5	N	N	N	N
N6202	70	30	124.7	66.3	N	57.7	66.6	67.2	0.6	N	N	N	N
N6202	70	31	127.7	66.2	N	57.6	66.5	67.1	0.6	N	N	N	N
N6202	70	32	130.7	66.1	N	57.5	66.4	67.0	0.6	N	N	N	N
N6202	70	33	133.7	66.0	N	57.4	66.4	66.9	0.5	N	N	N	N
N6202	70	34	136.7	66.0	N	57.4	66.3	66.8	0.5	N	N	N	N
N6202	70	35	139.7	65.9	N	57.3	66.2	66.7	0.5	N	N	N	N
N6202	70	36	142.7	65.8	N	57.2	66.1	66.6	0.5	N	N	N	N
N6202	70	37	145.7	65.7	N	57.1	66.0	66.6	0.6	N	N	N	N
N6202	70	38	148.7	65.6	N	57.1	66.0	66.5	0.5	N	N	N	N
N6202	70	39	151.7	65.6	N	57.0	65.9	66.4	0.5	N	N	N	N
N6202	70	40	154.7	65.5	N	56.9	65.8	66.3	0.5	N	N	N	N
N6202	70	41	157.7	65.4	N	56.8	65.7	66.2	0.5	N	N	N	N
N6202	70	42	160.7	65.3	N	56.8	65.7	66.2	0.5	N	N	N	N
N6202	70	43	163.7	65.2	N	56.7	65.6	66.1	0.5	N	N	N	N
N6202	70	44	166.7	65.2	N	56.6	65.5	66.0	0.5	N	N	N	N
N6202	70	45	169.7	65.1	N	56.6	65.4	66.0	0.6	N	N	N	N
N6202	70	46	172.7	65.0	N	56.5	65.4	65.9	0.5	N	N	N	N
N6202	70	47	175.7	65.0	N	56.4	65.3	65.8	0.5	N	N	N	N
N6202	70	48	178.7	64.9	N	56.3	65.2	65.8	0.6	N	N	N	N
N6202	70	49	181.7	64.8	N	56.3	65.1	65.7	0.6	N	N	N	N
N6202	70	50	184.7	64.7	N	56.2	65.1	65.6	0.5	N	N	N	N
N6202	70	51	187.7	64.7	N	56.2	65.0	65.6	0.6	N	N	N	N
N6202	70	52	190.7	64.6	N	56.1	64.9	65.5	0.6	N	N	N	N
N6202	70	53	193.7	64.5	N	56.0	64.9	65.4	0.5	N	N	N	N
N6202	70	54	196.7	64.5	N	56.0	64.8	65.4	0.6	N	N	N	N
N6202	70	55	199.7	64.4	N	55.9	64.7	65.3	0.6	N	N	N	N
N6301	70	1	37.7	61.3	N	55.0	62.2	63.0	0.8	N	N	N	N
N6301	70	2	40.7	63.5	N	56.0	64.3	64.9	0.6	N	N	N	N
N6301	70	3	43.7	65.2	N	56.6	65.8	66.3	0.5	N	N	N	N
N6301	70	4	46.7	66.4	N	57.2	67.0	67.5	0.5	N	N	N	N
N6301	70	5	49.7	67.3	N	57.7	67.9	68.3	0.4	N	N	N	N
N6301	70	6	52.7	67.7	N	57.8	68.3	68.6	0.3	N	N	N	N
N6301	70	7	55.7	67.9	N	57.9	68.5	68.8	0.3	N	N	N	N
N6301	70	8	58.7	68.0	N	57.8	68.6	69.0	0.4	N	N	N	N
N6301	70	9	61.7	68.1	N	57.7	68.6	69.0	0.4	N	N	N	N
N6301	70	10	64.7	68.1	N	57.7	68.7	69.0	0.3	N	N	N	N
N6301	70	11	67.7	68.2	N	57.6	68.8	69.1	0.3	N	N	N	N
N6301	70	12	70.7	68.2	N	57.5	68.8	69.1	0.3	N	N	N	N
N6301	70	13	73.7	68.1	N	57.4	68.7	69.0	0.3	N	N	N	N
N6301	70	14	76.7	68.1	N	57.3	68.7	69.0	0.3	N	N	N	N
N6301	70	15	79.7	68.1	N	57.2	68.7	69.0	0.3	N	N	N	N
N6301	70	16	82.7	68.0	N	57.1	68.6	68.9	0.3	N	N	N	N
N6301	70	17	85.7	67.9	N	57.0	68.5	68.8	0.3	N	N	N	N
N6301	70	18	88.7	67.9	N	56.9	68.4	68.7	0.3	N	N	N	N
N6301	70	19	91.7	67.8	N	56.9	68.4	68.7	0.3	N	N	N	N
N6301	70	20	94.7	67.7	N	56.8	68.3	68.6	0.3	N	N	N	N
N6301	70	21	97.7	67.6	N	56.7	68.2	68.5	0.3	N	N	N	N
N6301	70	22	100.7	67.5	N	56.6	68.1	68.4	0.3	N	N	N	N
N6301	70	23	103.7	67.4	N	56.5	68.0	68.3	0.3	N	N	N	N
N6301	70	24	106.7	67.3	N	56.4	67.9	68.2	0.3	N	N	N	N
N6301	70	25	109.7	67.2	N	56.4	67.8	68.1	0.3	N	N	N	N
N6301	70	26	112.7	67.1	N	56.3	67.7	68.0	0.3	N	N	N	N
N6301	70	27	115.7	67.0	N	56.2	67.6	67.9	0.3	N	N	N	N
N6301	70	28	118.7	66.9	N	56.1	67.5	67.8	0.3	N	N	N	N
N6301	70	29	121.7	66.8	N	56.0	67.4	67.7	0.3	N	N	N	N
N6301	70	30	124.7	66.7	N	55.9	67.3	67.6	0.3	N	N	N	N
N6301	70	31	127.7	66.6	N	55.9	67.2	67.5	0.3	N	N	N	N
N6301	70	32	130.7	66.6	N	55.8	67.2	67.5	0.3	N	N	N	N
N6301	70	33	133.7	66.5	N	55.7	67.1	67.4	0.3	N	N	N	N
N6301	70	34	136.7	66.4	N	55.6	67.0	67.3	0.3	N	N	N	N
N6301	70	35	139.7	66.3	N	55.6	66.9	67.2	0.3	N	N	N	N
N6301	70	36	142.7	66.2	N	55.5	66.8	67.1	0.3	N	N	N	N
N6301	70	37	145.7	66.1	N	55.5	66.7	67.0	0.3	N	N	N	N
N6301	70	38	148.7	66.0	N	55.4	66.6	67.0	0.4	N	N	N	N
N6301	70	39	151.7	65.9	N	55.3	66.5	66.9	0.4	N	N	N	N
N6301	70	40	154.7	65.9	N	55.2	66.5	66.8	0.3	N	N	N	N
N6301	70	41	157.7	65.8	N	55.2	66.4	66.7	0.3	N	N	N	N
N6301	70	42	160.7	65.7	N	55.1	66.3	66.7	0.4	N	N	N	N
N6301	70	43	163.7	65.6	N	55.1	66.3	66.6	0.3	N	N	N	N
N6301	70	44	166.7	65.6	N	55.0	66.2	66.5	0.3	N	N	N	N
N6301	70	45	169.7	65.5	N	54.9	66.1	66.4	0.3	N	N	N	N
N6301	70	46	172.7	65.4	N	54.9	66.1	66.4	0.3	N	N	N	N
N6301	70	47	175.7	65.4	N	54.8	66.0	66.3	0.3	N	N	N	N
N6301	70	48	178.7	65.3	N	54.8	65.9	66.2	0.3	N	N	N	N
N6301	70	49	181.7	65.2	N	54.7	65.8	66.2	0.4	N	N	N	N
N6301	70	50	184.7	65.2	N	54.7	65.8	66.1	0.3	N	N	N	N
N6302	70	1	37.7	62.0	N	53.1	62.9	63.3	0.4	N	N	N	N
N6302	70	2	40.7	64.0	N	54.4	64.8	65.2	0.4	N	N	N	N
N6302	70	3	43.7	65.5	N	55.4	66.2	66.6	0.4	N	N	N	N
N6302	70	4	46.7	66.7	N	56.2	67.3	67.6	0.3	N	N	N	N
N6302	70	5	49.7	67.5	N	56.6	68.0	68.4	0.4	N	N	N	N
N6302	70	6	52.7	67.9	N	57.0	68.4	68.7	0.3	N	N	N	N
N6302	70	7	55.7	68.0	N	57.1	68.6	68.9	0.3	N	N	N	N
N6302	70	8	58.7	68.2	N	57.1	68.7	69.0	0.3	N	N	N	N
N6302	70	9	61.7	68.2	N	57.1	68.8	69.1	0.3	N	N	N	N
N6302	70	10	64.7	68.2	N	57.0	68.8	69.1	0.3	N	N	N	N
N6302	70	11	67.7	68.3	N	56.9	68.8	69.1	0.3	N	N	N	N
N6302	70	12	70.7	68.3	N	56.8	68.9	69.1	0.2	N	N	N	N
N6302	70	13	73.7	68.2	N	56.7	68.8	69.1	0.3	N	N	N	N

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Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N6302	70	14	76.7	68.2	N	56.7	68.8	69.0	0.2	N	N	N	N
N6302	70	15	79.7	68.2	N	56.6	68.7	69.0	0.3	N	N	N	N
N6302	70	16	82.7	68.1	N	56.5	68.7	69.0	0.3	N	N	N	N
N6302	70	17	85.7	68.0	N	56.4	68.6	68.8	0.2	N	N	N	N
N6302	70	18	88.7	67.9	N	56.3	68.5	68.8	0.3	N	N	N	N
N6302	70	19	91.7	67.9	N	56.3	68.4	68.7	0.3	N	N	N	N
N6302	70	20	94.7	67.8	N	56.2	68.4	68.6	0.2	N	N	N	N
N6302	70	21	97.7	67.7	N	56.1	68.3	68.5	0.2	N	N	N	N
N6302	70	22	100.7	67.6	N	56.0	68.2	68.4	0.2	N	N	N	N
N6302	70	23	103.7	67.5	N	55.9	68.1	68.3	0.2	N	N	N	N
N6302	70	24	106.7	67.4	N	55.9	68.0	68.2	0.2	N	N	N	N
N6302	70	25	109.7	67.3	N	55.8	67.9	68.1	0.2	N	N	N	N
N6302	70	26	112.7	67.2	N	55.7	67.8	68.0	0.2	N	N	N	N
N6302	70	27	115.7	67.1	N	55.6	67.7	67.9	0.2	N	N	N	N
N6302	70	28	118.7	67.0	N	55.6	67.6	67.8	0.2	N	N	N	N
N6302	70	29	121.7	66.9	N	55.5	67.5	67.7	0.2	N	N	N	N
N6302	70	30	124.7	66.8	N	55.4	67.4	67.7	0.3	N	N	N	N
N6302	70	31	127.7	66.7	N	55.3	67.3	67.6	0.3	N	N	N	N
N6302	70	32	130.7	66.6	N	55.3	67.2	67.5	0.3	N	N	N	N
N6302	70	33	133.7	66.6	N	55.2	67.2	67.4	0.2	N	N	N	N
N6302	70	34	136.7	66.5	N	55.1	67.1	67.3	0.2	N	N	N	N
N6302	70	35	139.7	66.4	N	55.1	67.0	67.2	0.2	N	N	N	N
N6302	70	36	142.7	66.3	N	55.0	66.9	67.1	0.2	N	N	N	N
N6302	70	37	145.7	66.2	N	54.9	66.8	67.1	0.3	N	N	N	N
N6302	70	38	148.7	66.1	N	54.9	66.7	67.0	0.3	N	N	N	N
N6302	70	39	151.7	66.1	N	54.8	66.6	66.9	0.3	N	N	N	N
N6302	70	40	154.7	66.0	N	54.7	66.6	66.8	0.2	N	N	N	N
N6302	70	41	157.7	65.9	N	54.7	66.5	66.8	0.3	N	N	N	N
N6302	70	42	160.7	65.8	N	54.6	66.4	66.7	0.3	N	N	N	N
N6302	70	43	163.7	65.7	N	54.6	66.3	66.6	0.3	N	N	N	N
N6302	70	44	166.7	65.7	N	54.5	66.3	66.5	0.2	N	N	N	N
N6302	70	45	169.7	65.6	N	54.4	66.2	66.5	0.3	N	N	N	N
N6302	70	46	172.7	65.5	N	54.4	66.1	66.4	0.3	N	N	N	N
N6302	70	47	175.7	65.4	N	54.3	66.0	66.3	0.3	N	N	N	N
N6302	70	48	178.7	65.4	N	54.3	66.0	66.2	0.2	N	N	N	N
N6302	70	49	181.7	65.3	N	54.2	65.9	66.2	0.3	N	N	N	N
N6302	70	50	184.7	65.2	N	54.2	65.8	66.1	0.3	N	N	N	N
N7001	70	1	34.2	70.2	N	67.9	64.2	69.4	5.2	N	N	N	N
N7001	70	2	37.2	70.2	N	67.9	64.1	69.4	5.3	N	N	N	N
N7001	70	3	40.2	70.2	N	67.9	64.0	69.4	5.4	N	N	N	N
N7001	70	4	43.2	70.1	N	67.8	63.9	69.3	5.4	N	N	N	N
N7001	70	5	46.2	70.0	N	67.8	63.8	69.2	5.4	N	N	N	N
N7001	70	6	49.2	69.9	N	67.7	63.7	69.1	5.4	N	N	N	N
N7001	70	7	52.2	69.8	N	67.6	63.6	69.1	5.5	N	N	N	N
N7001	70	8	55.2	69.7	N	67.6	63.5	69.0	5.5	N	N	N	N
N7001	70	9	58.2	69.7	N	67.6	63.4	69.0	5.6	N	N	N	N
N7001	70	10	61.2	69.6	N	67.5	63.3	68.9	5.6	N	N	N	N
N7001	70	11	64.2	69.5	N	67.5	63.1	68.9	5.8	N	N	N	N
N7001	70	12	67.2	69.5	N	67.5	63.0	68.8	5.8	N	N	N	N
N7001	70	13	70.2	69.5	N	67.5	62.9	68.8	5.9	N	N	N	N
N7001	70	14	73.2	69.4	N	67.4	62.8	68.7	5.9	N	N	N	N
N7001	70	15	76.2	69.3	N	67.4	62.7	68.7	6.0	N	N	N	N
N7001	70	16	79.2	69.2	N	67.3	62.6	68.6	6.0	N	N	N	N
N7001	70	17	82.2	69.1	N	67.2	62.5	68.5	6.0	N	N	N	N
N7001	70	18	85.2	69.0	N	67.2	62.4	68.4	6.0	N	N	N	N
N7001	70	19	88.2	68.9	N	67.1	62.4	68.4	6.0	N	N	N	N
N7001	70	20	91.2	68.9	N	67.1	62.2	68.3	6.1	N	N	N	N
N7001	70	21	94.2	68.7	N	66.9	62.1	68.2	6.1	N	N	N	N
N7001	70	22	97.2	68.6	N	66.9	62.1	68.1	6.0	N	N	N	N
N7001	70	23	100.2	68.5	N	66.8	62.0	68.0	6.0	N	N	N	N
N7001	70	24	103.2	68.4	N	66.7	61.9	68.0	6.1	N	N	N	N
N7001	70	25	106.2	68.4	N	66.7	61.8	67.9	6.1	N	N	N	N
N7001	70	26	109.2	68.3	N	66.6	61.7	67.8	6.1	N	N	N	N
N7001	70	27	112.2	68.2	N	66.6	61.6	67.8	6.2	N	N	N	N
N7001	70	28	115.2	68.1	N	66.5	61.5	67.7	6.2	N	N	N	N
N7001	70	29	118.2	68.0	N	66.4	61.4	67.6	6.2	N	N	N	N
N7001	70	30	121.2	67.9	N	66.4	61.4	67.6	6.2	N	N	N	N
N7001	70	31	124.2	67.8	N	66.3	61.3	67.5	6.2	N	N	N	N
N7001	70	32	127.2	67.7	N	66.3	61.2	67.4	6.2	N	N	N	N
N7001	70	33	130.2	67.6	N	66.2	61.1	67.4	6.3	N	N	N	N
N7001	70	34	133.2	67.6	N	66.2	61.1	67.3	6.2	N	N	N	N
N7001	70	35	136.2	67.5	N	66.1	61.0	67.3	6.3	N	N	N	N
N7001	70	36	139.2	67.4	N	66.0	60.9	67.2	6.3	N	N	N	N
N7001	70	37	142.2	67.3	N	66.0	60.8	67.1	6.3	N	N	N	N
N7001	70	38	145.2	67.2	N	66.0	60.8	67.1	6.3	N	N	N	N
N7001	70	39	148.2	67.2	N	65.9	60.7	67.1	6.4	N	N	N	N
N7001	70	40	151.2	67.1	N	65.9	60.6	67.0	6.4	N	N	N	N
N7001	70	41	154.2	67.0	N	65.8	60.6	66.9	6.3	N	N	N	N
N7001	70	42	157.2	66.9	N	65.8	60.5	66.9	6.4	N	N	N	N
N7001	70	43	160.2	66.8	N	65.7	60.4	66.8	6.4	N	N	N	N
N7001	70	44	163.2	66.8	N	65.7	60.4	66.8	6.4	N	N	N	N
N7001	70	45	166.2	66.7	N	65.6	60.3	66.7	6.4	N	N	N	N
N7001	70	46	169.2	66.6	N	65.6	60.3	66.7	6.4	N	N	N	N
N7001	70	47	172.2	66.6	N	65.5	60.2	66.6	6.4	N	N	N	N
N7001	70	48	175.2	66.5	N	65.5	60.1	66.6	6.5	N	N	N	N
N7002	70	1	34.2	71.3	Y	64.6	69.7	70.9	1.2	N	N	Y	Y
N7002	70	2	37.2	71.3	Y	64.6	69.7	70.9	1.2	N	N	Y	Y
N7002	70	3	40.2	71.4	Y	64.5	69.8	71.0	1.2	N	N	Y	Y
N7002	70	4	43.2	71.4	Y	64.4	69.9	71.0	1.1	N	N	Y	Y
N7002	70	5	46.2	71.4	Y	64.4	69.9	70.9	1.0	N	N	Y	Y
N7002	70	6	49.2	71.3	Y	64.3	69.8	70.8	1.0	N	N	Y	Y
N7002	70	7	52.2	71.2	Y	64.3	69.7	70.8	1.1	N	N	Y	Y
N7002	70	8	55.2	71.2	Y	64.3	69.6	70.7	1.1	N	N	Y	Y
N7002	70	9	58.2	71.1	Y	64.3	69.5	70.7	1.2	N	N	Y	Y
N7002	70	10	61.2	71.0	Y	64.3	69.4	70.6	1.2	N	N	Y	Y
N7002	70	11	64.2	71.0	Y	64.3	69.3	70.5	1.2	N	N	Y	Y
N7002	70	12	67.2	70.9	Y	64.4	69.2	70.5	1.3	N	N	Y	Y
N7002	70	13	70.2	70.8	Y	64.4	69.1	70.4	1.3	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7002	70	14	73.2	70.7	Y	64.3	69.0	70.3	1.3	N	N	N	N
N7002	70	15	76.2	70.6	Y	64.3	68.9	70.2	1.3	N	N	N	N
N7002	70	16	79.2	70.6	Y	64.3	68.8	70.1	1.3	N	N	N	N
N7002	70	17	82.2	70.4	N	64.2	68.6	69.9	1.3	N	N	N	N
N7002	70	18	85.2	70.3	N	64.1	68.5	69.9	1.4	N	N	N	N
N7002	70	19	88.2	70.2	N	64.0	68.4	69.7	1.3	N	N	N	N
N7002	70	20	91.2	70.1	N	63.9	68.3	69.6	1.3	N	N	N	N
N7002	70	21	94.2	70.0	N	63.8	68.1	69.5	1.4	N	N	N	N
N7002	70	22	97.2	69.9	N	63.7	68.0	69.4	1.4	N	N	N	N
N7002	70	23	100.2	69.8	N	63.6	67.9	69.3	1.4	N	N	N	N
N7002	70	24	103.2	69.7	N	63.6	67.8	69.2	1.4	N	N	N	N
N7002	70	25	106.2	69.6	N	63.5	67.7	69.1	1.4	N	N	N	N
N7002	70	26	109.2	69.5	N	63.4	67.6	69.0	1.4	N	N	N	N
N7002	70	27	112.2	69.4	N	63.3	67.5	68.9	1.4	N	N	N	N
N7002	70	28	115.2	69.3	N	63.2	67.4	68.8	1.4	N	N	N	N
N7002	70	29	118.2	69.2	N	63.1	67.3	68.7	1.4	N	N	N	N
N7002	70	30	121.2	69.1	N	63.0	67.2	68.6	1.4	N	N	N	N
N7002	70	31	124.2	69.0	N	62.9	67.1	68.5	1.4	N	N	N	N
N7002	70	32	127.2	68.9	N	62.8	67.0	68.4	1.4	N	N	N	N
N7002	70	33	130.2	68.8	N	62.8	66.9	68.3	1.4	N	N	N	N
N7002	70	34	133.2	68.7	N	62.7	66.8	68.2	1.4	N	N	N	N
N7002	70	35	136.2	68.7	N	62.6	66.7	68.1	1.4	N	N	N	N
N7002	70	36	139.2	68.6	N	62.5	66.6	68.0	1.4	N	N	N	N
N7002	70	37	142.2	68.5	N	62.4	66.6	68.0	1.4	N	N	N	N
N7002	70	38	145.2	68.4	N	62.4	66.5	67.9	1.4	N	N	N	N
N7002	70	39	148.2	68.3	N	62.3	66.4	67.8	1.4	N	N	N	N
N7002	70	40	151.2	68.2	N	62.2	66.3	67.7	1.4	N	N	N	N
N7002	70	41	154.2	68.2	N	62.1	66.3	67.7	1.4	N	N	N	N
N7002	70	42	157.2	68.1	N	62.0	66.2	67.6	1.4	N	N	N	N
N7002	70	43	160.2	68.0	N	61.9	66.1	67.5	1.4	N	N	N	N
N7002	70	44	163.2	68.0	N	61.9	66.0	67.4	1.4	N	N	N	N
N7002	70	45	166.2	67.9	N	61.8	65.9	67.4	1.5	N	N	N	N
N7002	70	46	169.2	67.8	N	61.7	65.9	67.3	1.4	N	N	N	N
N7002	70	47	172.2	67.7	N	61.6	65.8	67.2	1.4	N	N	N	N
N7002	70	48	175.2	67.7	N	61.6	65.8	67.2	1.4	N	N	N	N
N7101	70	1	34.2	70.5	Y	69.1	61.5	69.8	8.3	N	N	N	N
N7101	70	2	37.2	70.4	N	69.0	61.5	69.7	8.2	N	N	N	N
N7101	70	3	40.2	70.3	N	69.0	61.5	69.7	8.2	N	N	N	N
N7101	70	4	43.2	70.2	N	68.9	61.4	69.6	8.2	N	N	N	N
N7101	70	5	46.2	70.1	N	68.8	61.4	69.5	8.1	N	N	N	N
N7101	70	6	49.2	70.0	N	68.7	61.3	69.4	8.1	N	N	N	N
N7101	70	7	52.2	69.9	N	68.6	61.3	69.3	8.0	N	N	N	N
N7101	70	8	55.2	69.9	N	68.5	61.3	69.3	8.0	N	N	N	N
N7101	70	9	58.2	69.8	N	68.4	61.2	69.2	8.0	N	N	N	N
N7101	70	10	61.2	69.7	N	68.4	61.2	69.1	7.9	N	N	N	N
N7101	70	11	64.2	69.6	N	68.3	61.2	69.1	7.9	N	N	N	N
N7101	70	12	67.2	69.5	N	68.2	61.1	69.0	7.9	N	N	N	N
N7101	70	13	70.2	69.4	N	68.1	61.0	68.9	7.9	N	N	N	N
N7101	70	14	73.2	69.4	N	68.1	61.0	68.9	7.9	N	N	N	N
N7101	70	15	76.2	69.3	N	68.0	60.9	68.8	7.9	N	N	N	N
N7101	70	16	79.2	69.2	N	67.9	60.9	68.7	7.8	N	N	N	N
N7101	70	17	82.2	69.1	N	67.8	60.8	68.6	7.8	N	N	N	N
N7101	70	18	85.2	69.0	N	67.8	60.8	68.6	7.8	N	N	N	N
N7101	70	19	88.2	68.9	N	67.7	60.7	68.5	7.8	N	N	N	N
N7101	70	20	91.2	68.8	N	67.6	60.6	68.4	7.8	N	N	N	N
N7101	70	21	94.2	68.7	N	67.6	60.6	68.4	7.8	N	N	N	N
N7101	70	22	97.2	68.6	N	67.5	60.6	68.3	7.7	N	N	N	N
N7101	70	23	100.2	68.5	N	67.4	60.5	68.2	7.7	N	N	N	N
N7101	70	24	103.2	68.4	N	67.3	60.4	68.1	7.7	N	N	N	N
N7101	70	25	106.2	68.3	N	67.2	60.4	68.1	7.7	N	N	N	N
N7101	70	26	109.2	68.2	N	67.2	60.3	68.0	7.7	N	N	N	N
N7101	70	27	112.2	68.1	N	67.1	60.3	67.9	7.6	N	N	N	N
N7101	70	28	115.2	68.1	N	67.1	60.2	67.9	7.7	N	N	N	N
N7101	70	29	118.2	68.0	N	67.0	60.1	67.8	7.7	N	N	N	N
N7101	70	30	121.2	67.9	N	67.0	60.1	67.8	7.7	N	N	N	N
N7101	70	31	124.2	67.8	N	66.9	60.0	67.7	7.7	N	N	N	N
N7101	70	32	127.2	67.7	N	66.9	60.0	67.7	7.7	N	N	N	N
N7101	70	33	130.2	67.6	N	66.8	59.9	67.6	7.7	N	N	N	N
N7101	70	34	133.2	67.6	N	66.7	59.9	67.5	7.6	N	N	N	N
N7101	70	35	136.2	67.5	N	66.7	59.8	67.5	7.7	N	N	N	N
N7101	70	36	139.2	67.4	N	66.6	59.8	67.4	7.6	N	N	N	N
N7101	70	37	142.2	67.4	N	66.6	59.7	67.4	7.7	N	N	N	N
N7101	70	38	145.2	67.3	N	66.5	59.6	67.3	7.7	N	N	N	N
N7101	70	39	148.2	67.2	N	66.5	59.6	67.3	7.7	N	N	N	N
N7101	70	40	151.2	67.1	N	66.4	59.6	67.2	7.6	N	N	N	N
N7101	70	41	154.2	67.0	N	66.4	59.5	67.2	7.7	N	N	N	N
N7101	70	42	157.2	67.0	N	66.3	59.4	67.1	7.7	N	N	N	N
N7101	70	43	160.2	66.9	N	66.3	59.4	67.1	7.7	N	N	N	N
N7101	70	44	163.2	66.8	N	66.2	59.3	67.0	7.7	N	N	N	N
N7101	70	45	166.2	66.8	N	66.1	59.3	67.0	7.7	N	N	N	N
N7101	70	46	169.2	66.7	N	66.1	59.2	66.9	7.7	N	N	N	N
N7101	70	47	172.2	66.7	N	66.0	59.2	66.9	7.7	N	N	N	N
N7101	70	48	175.2	66.6	N	66.0	59.1	66.8	7.7	N	N	N	N
N7102	70	1	34.2	70.2	N	66.7	65.7	69.2	3.5	N	N	N	N
N7102	70	2	37.2	70.2	N	66.7	65.9	69.3	3.4	N	N	N	N
N7102	70	3	40.2	70.3	N	66.7	65.9	69.3	3.4	N	N	N	N
N7102	70	4	43.2	70.2	N	66.6	65.9	69.3	3.4	N	N	N	N
N7102	70	5	46.2	70.2	N	66.6	65.9	69.3	3.4	N	N	N	N
N7102	70	6	49.2	70.1	N	66.5	65.9	69.2	3.3	N	N	N	N
N7102	70	7	52.2	70.0	N	66.4	65.8	69.1	3.3	N	N	N	N
N7102	70	8	55.2	70.0	N	66.3	65.7	69.1	3.4	N	N	N	N
N7102	70	9	58.2	69.9	N	66.3	65.7	69.0	3.3	N	N	N	N
N7102	70	10	61.2	69.9	N	66.2	65.6	68.9	3.3	N	N	N	N
N7102	70	11	64.2	69.8	N	66.2	65.6	68.9	3.3	N	N	N	N
N7102	70	12	67.2	69.8	N	66.2	65.5	68.9	3.4	N	N	N	N
N7102	70	13	70.2	69.7	N	66.1	65.4	68.8	3.4	N	N	N	N
N7102	70	14	73.2	69.6	N	66.0	65.4	68.7	3.3	N	N	N	N
N7102	70	15	76.2	69.6	N	66.0	65.3	68.7	3.4	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7102	70	16	79.2	69.5	N	65.8	65.2	68.5	3.3	N	N	N	N
N7102	70	17	82.2	69.4	N	65.8	65.1	68.5	3.4	N	N	N	N
N7102	70	18	85.2	69.3	N	65.6	65.1	68.4	3.3	N	N	N	N
N7102	70	19	88.2	69.2	N	65.5	65.0	68.3	3.3	N	N	N	N
N7102	70	20	91.2	69.1	N	65.4	64.9	68.2	3.3	N	N	N	N
N7102	70	21	94.2	69.0	N	65.3	64.8	68.1	3.3	N	N	N	N
N7102	70	22	97.2	68.9	N	65.2	64.8	68.0	3.2	N	N	N	N
N7102	70	23	100.2	68.8	N	65.1	64.7	67.9	3.2	N	N	N	N
N7102	70	24	103.2	68.8	N	65.1	64.6	67.9	3.3	N	N	N	N
N7102	70	25	106.2	68.7	N	65.0	64.5	67.8	3.3	N	N	N	N
N7102	70	26	109.2	68.6	N	64.9	64.5	67.7	3.2	N	N	N	N
N7102	70	27	112.2	68.5	N	64.8	64.4	67.6	3.2	N	N	N	N
N7102	70	28	115.2	68.4	N	64.7	64.3	67.5	3.2	N	N	N	N
N7102	70	29	118.2	68.3	N	64.6	64.2	67.4	3.2	N	N	N	N
N7102	70	30	121.2	68.2	N	64.5	64.2	67.4	3.2	N	N	N	N
N7102	70	31	124.2	68.2	N	64.4	64.1	67.3	3.2	N	N	N	N
N7102	70	32	127.2	68.1	N	64.3	64.0	67.2	3.2	N	N	N	N
N7102	70	33	130.2	68.0	N	64.2	64.0	67.1	3.1	N	N	N	N
N7102	70	34	133.2	67.9	N	64.2	63.9	67.0	3.1	N	N	N	N
N7102	70	35	136.2	67.8	N	64.1	63.8	66.9	3.1	N	N	N	N
N7102	70	36	139.2	67.8	N	64.0	63.8	66.9	3.1	N	N	N	N
N7102	70	37	142.2	67.7	N	64.0	63.7	66.8	3.1	N	N	N	N
N7102	70	38	145.2	67.6	N	63.9	63.6	66.8	3.2	N	N	N	N
N7102	70	39	148.2	67.5	N	63.8	63.6	66.7	3.1	N	N	N	N
N7102	70	40	151.2	67.5	N	63.7	63.5	66.6	3.1	N	N	N	N
N7102	70	41	154.2	67.4	N	63.6	63.5	66.5	3.0	N	N	N	N
N7102	70	42	157.2	67.3	N	63.6	63.4	66.5	3.1	N	N	N	N
N7102	70	43	160.2	67.3	N	63.5	63.3	66.4	3.1	N	N	N	N
N7102	70	44	163.2	67.2	N	63.4	63.3	66.3	3.0	N	N	N	N
N7102	70	45	166.2	67.1	N	63.3	63.2	66.3	3.1	N	N	N	N
N7102	70	46	169.2	67.0	N	63.3	63.1	66.2	3.1	N	N	N	N
N7102	70	47	172.2	67.0	N	63.2	63.1	66.2	3.1	N	N	N	N
N7102	70	48	175.2	66.9	N	63.2	63.0	66.1	3.1	N	N	N	N
N7201	70	1	34.2	70.2	N	69.4	59.1	69.8	10.7	N	N	N	N
N7201	70	2	37.2	70.1	N	69.3	59.1	69.7	10.6	N	N	N	N
N7201	70	3	40.2	70.0	N	69.2	59.1	69.6	10.5	N	N	N	N
N7201	70	4	43.2	69.9	N	69.1	59.1	69.6	10.5	N	N	N	N
N7201	70	5	46.2	69.8	N	69.1	59.1	69.5	10.4	N	N	N	N
N7201	70	6	49.2	69.7	N	69.0	59.1	69.4	10.3	N	N	N	N
N7201	70	7	52.2	69.6	N	68.9	59.0	69.3	10.3	N	N	N	N
N7201	70	8	55.2	69.5	N	68.8	59.0	69.2	10.2	N	N	N	N
N7201	70	9	58.2	69.4	N	68.7	59.0	69.1	10.1	N	N	N	N
N7201	70	10	61.2	69.3	N	68.6	58.9	69.0	10.1	N	N	N	N
N7201	70	11	64.2	69.1	N	68.5	58.9	68.9	10.0	N	N	N	N
N7201	70	12	67.2	69.0	N	68.4	58.9	68.9	10.0	N	N	N	N
N7201	70	13	70.2	68.9	N	68.3	58.9	68.8	9.9	N	N	N	N
N7201	70	14	73.2	68.8	N	68.2	58.8	68.7	9.9	N	N	N	N
N7201	70	15	76.2	68.7	N	68.2	58.8	68.6	9.8	N	N	N	N
N7201	70	16	79.2	68.6	N	68.1	58.8	68.6	9.8	N	N	N	N
N7201	70	17	82.2	68.5	N	68.0	58.7	68.5	9.8	N	N	N	N
N7201	70	18	85.2	68.4	N	67.9	58.7	68.4	9.7	N	N	N	N
N7201	70	19	88.2	68.3	N	67.9	58.7	68.4	9.7	N	N	N	N
N7201	70	20	91.2	68.2	N	67.8	58.7	68.3	9.6	N	N	N	N
N7201	70	21	94.2	68.1	N	67.7	58.6	68.2	9.6	N	N	N	N
N7201	70	22	97.2	68.0	N	67.7	58.6	68.2	9.6	N	N	N	N
N7201	70	23	100.2	67.9	N	67.6	58.5	68.1	9.6	N	N	N	N
N7201	70	24	103.2	67.8	N	67.5	58.5	68.1	9.6	N	N	N	N
N7201	70	25	106.2	67.7	N	67.5	58.5	68.0	9.5	N	N	N	N
N7201	70	26	109.2	67.6	N	67.4	58.4	67.9	9.5	N	N	N	N
N7201	70	27	112.2	67.5	N	67.3	58.4	67.9	9.5	N	N	N	N
N7201	70	28	115.2	67.4	N	67.3	58.4	67.8	9.4	N	N	N	N
N7201	70	29	118.2	67.3	N	67.2	58.3	67.8	9.5	N	N	N	N
N7201	70	30	121.2	67.3	N	67.2	58.3	67.7	9.4	N	N	N	N
N7201	70	31	124.2	67.2	N	67.1	58.2	67.6	9.4	N	N	N	N
N7201	70	32	127.2	67.1	N	67.1	58.2	67.6	9.4	N	N	N	N
N7201	70	33	130.2	67.0	N	67.0	58.2	67.5	9.3	N	N	N	N
N7201	70	34	133.2	66.9	N	66.9	58.1	67.4	9.3	N	N	N	N
N7201	70	35	136.2	66.8	N	66.8	58.1	67.4	9.3	N	N	N	N
N7201	70	36	139.2	66.8	N	66.8	58.1	67.3	9.2	N	N	N	N
N7201	70	37	142.2	66.7	N	66.8	58.0	67.3	9.3	N	N	N	N
N7201	70	38	145.2	66.7	N	66.7	58.0	67.2	9.2	N	N	N	N
N7201	70	39	148.2	66.6	N	66.6	57.9	67.2	9.3	N	N	N	N
N7201	70	40	151.2	66.5	N	66.5	57.9	67.1	9.2	N	N	N	N
N7201	70	41	154.2	66.4	N	66.5	57.8	67.0	9.2	N	N	N	N
N7201	70	42	157.2	66.3	N	66.4	57.8	67.0	9.2	N	N	N	N
N7201	70	43	160.2	66.3	N	66.4	57.8	66.9	9.1	N	N	N	N
N7201	70	44	163.2	66.2	N	66.3	57.7	66.9	9.2	N	N	N	N
N7201	70	45	166.2	66.1	N	66.3	57.7	66.8	9.1	N	N	N	N
N7201	70	46	169.2	66.1	N	66.2	57.7	66.8	9.1	N	N	N	N
N7201	70	47	172.2	66.0	N	66.1	57.6	66.7	9.1	N	N	N	N
N7201	70	48	175.2	66.0	N	66.1	57.6	66.7	9.1	N	N	N	N
N7202	70	1	34.2	70.1	N	67.8	63.1	69.1	6.0	N	N	N	N
N7202	70	2	37.2	70.1	N	67.7	63.3	69.1	5.8	N	N	N	N
N7202	70	3	40.2	70.1	N	67.6	63.5	69.1	5.6	N	N	N	N
N7202	70	4	43.2	70.0	N	67.5	63.6	69.0	5.4	N	N	N	N
N7202	70	5	46.2	70.0	N	67.4	63.7	69.0	5.3	N	N	N	N
N7202	70	6	49.2	69.9	N	67.3	63.8	68.9	5.1	N	N	N	N
N7202	70	7	52.2	69.8	N	67.2	63.8	68.9	5.1	N	N	N	N
N7202	70	8	55.2	69.8	N	67.1	63.9	68.8	4.9	N	N	N	N
N7202	70	9	58.2	69.7	N	67.0	63.8	68.7	4.9	N	N	N	N
N7202	70	10	61.2	69.6	N	66.9	63.8	68.6	4.8	N	N	N	N
N7202	70	11	64.2	69.6	N	66.8	63.8	68.6	4.8	N	N	N	N
N7202	70	12	67.2	69.4	N	66.7	63.8	68.5	4.7	N	N	N	N
N7202	70	13	70.2	69.4	N	66.6	63.7	68.4	4.7	N	N	N	N
N7202	70	14	73.2	69.3	N	66.5	63.7	68.3	4.6	N	N	N	N
N7202	70	15	76.2	69.2	N	66.4	63.6	68.2	4.6	N	N	N	N
N7202	70	16	79.2	69.1	N	66.3	63.6	68.1	4.5	N	N	N	N
N7202	70	17	82.2	69.0	N	66.2	63.5	68.1	4.6	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A) (Without Project)	Traffic noise level exceeds the criteria (Without Project)	Predicted traffic noise level due to the road sections within the Project (i.e Project road) (With Project)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7202	70	18	85.2	68.9	N	66.1	63.4	68.0	4.6	N	N	N	N
N7202	70	19	88.2	68.8	N	66.0	63.4	67.9	4.5	N	N	N	N
N7202	70	20	91.2	68.7	N	65.9	63.3	67.8	4.5	N	N	N	N
N7202	70	21	94.2	68.7	N	65.8	63.3	67.7	4.4	N	N	N	N
N7202	70	22	97.2	68.6	N	65.7	63.2	67.6	4.4	N	N	N	N
N7202	70	23	100.2	68.5	N	65.6	63.1	67.5	4.4	N	N	N	N
N7202	70	24	103.2	68.4	N	65.4	63.1	67.4	4.3	N	N	N	N
N7202	70	25	106.2	68.3	N	65.4	63.0	67.3	4.3	N	N	N	N
N7202	70	26	109.2	68.2	N	65.3	62.9	67.3	4.4	N	N	N	N
N7202	70	27	112.2	68.1	N	65.2	62.9	67.2	4.3	N	N	N	N
N7202	70	28	115.2	68.0	N	65.1	62.8	67.1	4.3	N	N	N	N
N7202	70	29	118.2	67.9	N	65.0	62.8	67.0	4.2	N	N	N	N
N7202	70	30	121.2	67.9	N	64.9	62.7	67.0	4.3	N	N	N	N
N7202	70	31	124.2	67.8	N	64.8	62.7	66.9	4.2	N	N	N	N
N7202	70	32	127.2	67.7	N	64.8	62.6	66.8	4.2	N	N	N	N
N7202	70	33	130.2	67.6	N	64.7	62.5	66.7	4.2	N	N	N	N
N7202	70	34	133.2	67.6	N	64.6	62.5	66.7	4.2	N	N	N	N
N7202	70	35	136.2	67.5	N	64.5	62.4	66.6	4.2	N	N	N	N
N7202	70	36	139.2	67.4	N	64.4	62.3	66.5	4.2	N	N	N	N
N7202	70	37	142.2	67.4	N	64.3	62.3	66.5	4.2	N	N	N	N
N7202	70	38	145.2	67.3	N	64.2	62.2	66.4	4.2	N	N	N	N
N7202	70	39	148.2	67.2	N	64.2	62.2	66.3	4.1	N	N	N	N
N7202	70	40	151.2	67.1	N	64.1	62.1	66.2	4.1	N	N	N	N
N7202	70	41	154.2	67.1	N	64.0	62.1	66.2	4.1	N	N	N	N
N7202	70	42	157.2	67.0	N	63.9	62.0	66.1	4.1	N	N	N	N
N7202	70	43	160.2	66.9	N	63.9	62.0	66.0	4.0	N	N	N	N
N7202	70	44	163.2	66.9	N	63.8	61.9	66.0	4.1	N	N	N	N
N7202	70	45	166.2	66.8	N	63.7	61.9	65.9	4.0	N	N	N	N
N7202	70	46	169.2	66.7	N	63.6	61.8	65.8	4.0	N	N	N	N
N7202	70	47	172.2	66.7	N	63.6	61.7	65.8	4.1	N	N	N	N
N7202	70	48	175.2	66.6	N	63.5	61.7	65.7	4.0	N	N	N	N
N7301	70	1	34.2	70.6	Y	69.9	59.6	70.3	10.7	N	N	N	N
N7301	70	2	37.2	70.5	Y	69.9	59.6	70.3	10.7	N	N	N	N
N7301	70	3	40.2	70.4	N	69.8	59.6	70.2	10.6	N	N	N	N
N7301	70	4	43.2	70.3	N	69.7	59.6	70.1	10.5	N	N	N	N
N7301	70	5	46.2	70.2	N	69.6	59.6	70.0	10.4	N	N	N	N
N7301	70	6	49.2	70.1	N	69.5	59.6	69.9	10.3	N	N	N	N
N7301	70	7	52.2	70.0	N	69.4	59.6	69.9	10.3	N	N	N	N
N7301	70	8	55.2	69.9	N	69.3	59.6	69.8	10.2	N	N	N	N
N7301	70	9	58.2	69.8	N	69.3	59.5	69.7	10.2	N	N	N	N
N7301	70	10	61.2	69.6	N	69.2	59.5	69.6	10.1	N	N	N	N
N7301	70	11	64.2	69.6	N	69.1	59.5	69.6	10.1	N	N	N	N
N7301	70	12	67.2	69.4	N	69.0	59.5	69.5	10.0	N	N	N	N
N7301	70	13	70.2	69.3	N	68.9	59.5	69.4	9.9	N	N	N	N
N7301	70	14	73.2	69.2	N	68.9	59.4	69.3	9.9	N	N	N	N
N7301	70	15	76.2	69.1	N	68.8	59.4	69.3	9.9	N	N	N	N
N7301	70	16	79.2	69.0	N	68.7	59.4	69.2	9.8	N	N	N	N
N7301	70	17	82.2	68.9	N	68.7	59.4	69.1	9.7	N	N	N	N
N7301	70	18	85.2	68.8	N	68.6	59.4	69.1	9.7	N	N	N	N
N7301	70	19	88.2	68.7	N	68.5	59.3	69.0	9.7	N	N	N	N
N7301	70	20	91.2	68.6	N	68.4	59.3	68.9	9.6	N	N	N	N
N7301	70	21	94.2	68.5	N	68.4	59.3	68.9	9.6	N	N	N	N
N7301	70	22	97.2	68.4	N	68.3	59.3	68.8	9.5	N	N	N	N
N7301	70	23	100.2	68.4	N	68.2	59.2	68.7	9.5	N	N	N	N
N7301	70	24	103.2	68.2	N	68.1	59.2	68.7	9.5	N	N	N	N
N7301	70	25	106.2	68.1	N	68.1	59.2	68.6	9.4	N	N	N	N
N7301	70	26	109.2	68.1	N	68.0	59.2	68.5	9.3	N	N	N	N
N7301	70	27	112.2	68.0	N	67.9	59.2	68.5	9.3	N	N	N	N
N7301	70	28	115.2	67.9	N	67.9	59.2	68.4	9.2	N	N	N	N
N7301	70	29	118.2	67.8	N	67.8	59.1	68.3	9.2	N	N	N	N
N7301	70	30	121.2	67.7	N	67.7	59.1	68.3	9.2	N	N	N	N
N7301	70	31	124.2	67.7	N	67.6	59.1	68.2	9.1	N	N	N	N
N7301	70	32	127.2	67.6	N	67.6	59.1	68.1	9.0	N	N	N	N
N7301	70	33	130.2	67.5	N	67.5	59.0	68.1	9.1	N	N	N	N
N7301	70	34	133.2	67.4	N	67.4	59.0	68.0	9.0	N	N	N	N
N7301	70	35	136.2	67.3	N	67.3	59.0	67.9	8.9	N	N	N	N
N7301	70	36	139.2	67.3	N	67.3	58.9	67.9	9.0	N	N	N	N
N7301	70	37	142.2	67.2	N	67.2	58.9	67.8	8.9	N	N	N	N
N7301	70	38	145.2	67.1	N	67.2	58.9	67.8	8.9	N	N	N	N
N7301	70	39	148.2	67.1	N	67.1	58.8	67.7	8.9	N	N	N	N
N7301	70	40	151.2	67.0	N	67.0	58.8	67.6	8.8	N	N	N	N
N7301	70	41	154.2	66.9	N	66.9	58.7	67.6	8.9	N	N	N	N
N7301	70	42	157.2	66.8	N	66.9	58.7	67.5	8.8	N	N	N	N
N7301	70	43	160.2	66.8	N	66.9	58.7	67.5	8.8	N	N	N	N
N7301	70	44	163.2	66.7	N	66.8	58.6	67.4	8.8	N	N	N	N
N7301	70	45	166.2	66.6	N	66.7	58.6	67.3	8.7	N	N	N	N
N7301	70	46	169.2	66.6	N	66.6	58.6	67.3	8.7	N	N	N	N
N7301	70	47	172.2	66.5	N	66.6	58.5	67.2	8.7	N	N	N	N
N7301	70	48	175.2	66.5	N	66.5	58.5	67.2	8.7	N	N	N	N
N7302	70	1	34.2	70.7	Y	69.3	61.7	70.0	8.3	N	N	N	N
N7302	70	2	37.2	70.7	Y	69.2	61.8	69.9	8.1	N	N	N	N
N7302	70	3	40.2	70.6	Y	69.1	61.9	69.9	8.0	N	N	N	N
N7302	70	4	43.2	70.5	Y	69.0	62.0	69.8	7.8	N	N	N	N
N7302	70	5	46.2	70.4	N	68.9	62.1	69.7	7.6	N	N	N	N
N7302	70	6	49.2	70.3	N	68.8	62.1	69.6	7.5	N	N	N	N
N7302	70	7	52.2	70.2	N	68.7	62.2	69.6	7.4	N	N	N	N
N7302	70	8	55.2	70.1	N	68.6	62.2	69.5	7.3	N	N	N	N
N7302	70	9	58.2	70.0	N	68.5	62.2	69.4	7.2	N	N	N	N
N7302	70	10	61.2	69.9	N	68.4	62.2	69.4	7.2	N	N	N	N
N7302	70	11	64.2	69.9	N	68.4	62.2	69.3	7.1	N	N	N	N
N7302	70	12	67.2	69.8	N	68.3	62.2	69.2	7.0	N	N	N	N
N7302	70	13	70.2	69.7	N	68.2	62.2	69.2	7.0	N	N	N	N
N7302	70	14	73.2	69.6	N	68.1	62.2	69.1	6.9	N	N	N	N
N7302	70	15	76.2	69.5	N	68.0	62.1	69.0	6.9	N	N	N	N
N7302	70	16	79.2	69.4	N	68.0	62.1	69.0	6.9	N	N	N	N
N7302	70	17	82.2	69.3	N	67.9	62.1	68.9	6.8	N	N	N	N
N7302	70	18	85.2	69.2	N	67.8	62.0	68.8	6.8	N	N	N	N
N7302	70	19	88.2	69.1	N	67.7	62.0	68.8	6.8	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7302	70	20	91.2	69.0	N	67.7	61.9	68.7	6.8	N	N	N	N
N7302	70	21	94.2	68.9	N	67.6	61.9	68.6	6.7	N	N	N	N
N7302	70	22	97.2	68.8	N	67.5	61.8	68.6	6.8	N	N	N	N
N7302	70	23	100.2	68.7	N	67.5	61.8	68.5	6.7	N	N	N	N
N7302	70	24	103.2	68.6	N	67.4	61.7	68.4	6.7	N	N	N	N
N7302	70	25	106.2	68.5	N	67.3	61.7	68.3	6.6	N	N	N	N
N7302	70	26	109.2	68.4	N	67.2	61.6	68.3	6.7	N	N	N	N
N7302	70	27	112.2	68.3	N	67.1	61.6	68.2	6.6	N	N	N	N
N7302	70	28	115.2	68.2	N	67.1	61.5	68.1	6.6	N	N	N	N
N7302	70	29	118.2	68.2	N	67.0	61.5	68.1	6.6	N	N	N	N
N7302	70	30	121.2	68.1	N	66.9	61.4	68.0	6.6	N	N	N	N
N7302	70	31	124.2	68.0	N	66.8	61.4	67.9	6.5	N	N	N	N
N7302	70	32	127.2	67.9	N	66.8	61.4	67.9	6.5	N	N	N	N
N7302	70	33	130.2	67.8	N	66.7	61.3	67.8	6.5	N	N	N	N
N7302	70	34	133.2	67.8	N	66.6	61.3	67.7	6.4	N	N	N	N
N7302	70	35	136.2	67.7	N	66.5	61.2	67.7	6.5	N	N	N	N
N7302	70	36	139.2	67.6	N	66.5	61.2	67.6	6.4	N	N	N	N
N7302	70	37	142.2	67.6	N	66.4	61.1	67.6	6.5	N	N	N	N
N7302	70	38	145.2	67.5	N	66.3	61.1	67.5	6.4	N	N	N	N
N7302	70	39	148.2	67.4	N	66.3	61.0	67.4	6.4	N	N	N	N
N7302	70	40	151.2	67.3	N	66.2	61.0	67.3	6.3	N	N	N	N
N7302	70	41	154.2	67.3	N	66.1	60.9	67.3	6.4	N	N	N	N
N7302	70	42	157.2	67.2	N	66.1	60.9	67.2	6.3	N	N	N	N
N7302	70	43	160.2	67.1	N	66.0	60.8	67.2	6.4	N	N	N	N
N7302	70	44	163.2	67.1	N	65.9	60.8	67.1	6.3	N	N	N	N
N7302	70	45	166.2	67.0	N	65.9	60.8	67.1	6.3	N	N	N	N
N7302	70	46	169.2	66.9	N	65.8	60.7	67.0	6.3	N	N	N	N
N7302	70	47	172.2	66.9	N	65.8	60.7	66.9	6.2	N	N	N	N
N7302	70	48	175.2	66.8	N	65.7	60.6	66.9	6.3	N	N	N	N
N7501	70	1	34.2	70.5	Y	70.1	59.8	70.5	10.7	N	N	Y	Y
N7501	70	2	37.2	70.4	N	70.0	59.8	70.4	10.6	N	N	N	N
N7501	70	3	40.2	70.3	N	69.9	59.8	70.3	10.5	N	N	N	N
N7501	70	4	43.2	70.2	N	69.9	59.8	70.3	10.5	N	N	N	N
N7501	70	5	46.2	70.0	N	69.8	59.8	70.2	10.4	N	N	N	N
N7501	70	6	49.2	70.0	N	69.7	59.7	70.1	10.4	N	N	N	N
N7501	70	7	52.2	69.8	N	69.6	59.7	70.1	10.4	N	N	N	N
N7501	70	8	55.2	69.7	N	69.6	59.7	70.0	10.3	N	N	N	N
N7501	70	9	58.2	69.6	N	69.5	59.7	69.9	10.2	N	N	N	N
N7501	70	10	61.2	69.5	N	69.4	59.7	69.9	10.2	N	N	N	N
N7501	70	11	64.2	69.4	N	69.4	59.7	69.8	10.1	N	N	N	N
N7501	70	12	67.2	69.3	N	69.3	59.7	69.7	10.0	N	N	N	N
N7501	70	13	70.2	69.2	N	69.2	59.7	69.6	9.9	N	N	N	N
N7501	70	14	73.2	69.1	N	69.1	59.6	69.6	10.0	N	N	N	N
N7501	70	15	76.2	69.0	N	69.0	59.6	69.5	9.9	N	N	N	N
N7501	70	16	79.2	68.9	N	68.9	59.6	69.4	9.8	N	N	N	N
N7501	70	17	82.2	68.8	N	68.9	59.6	69.3	9.7	N	N	N	N
N7501	70	18	85.2	68.7	N	68.7	59.6	69.2	9.6	N	N	N	N
N7501	70	19	88.2	68.6	N	68.7	59.6	69.2	9.6	N	N	N	N
N7501	70	20	91.2	68.5	N	68.6	59.6	69.1	9.5	N	N	N	N
N7501	70	21	94.2	68.4	N	68.5	59.5	69.0	9.5	N	N	N	N
N7501	70	22	97.2	68.3	N	68.4	59.5	68.9	9.4	N	N	N	N
N7501	70	23	100.2	68.2	N	68.3	59.5	68.8	9.3	N	N	N	N
N7501	70	24	103.2	68.1	N	68.2	59.5	68.8	9.3	N	N	N	N
N7501	70	25	106.2	68.0	N	68.1	59.4	68.7	9.3	N	N	N	N
N7501	70	26	109.2	67.9	N	68.1	59.4	68.6	9.2	N	N	N	N
N7501	70	27	112.2	67.8	N	68.0	59.4	68.5	9.1	N	N	N	N
N7501	70	28	115.2	67.7	N	67.9	59.3	68.5	9.2	N	N	N	N
N7501	70	29	118.2	67.6	N	67.8	59.3	68.4	9.1	N	N	N	N
N7501	70	30	121.2	67.6	N	67.8	59.2	68.3	9.1	N	N	N	N
N7501	70	31	124.2	67.5	N	67.7	59.1	68.2	9.1	N	N	N	N
N7501	70	32	127.2	67.4	N	67.6	59.1	68.2	9.1	N	N	N	N
N7501	70	33	130.2	67.3	N	67.5	59.1	68.1	9.0	N	N	N	N
N7501	70	34	133.2	67.2	N	67.4	59.0	68.0	9.0	N	N	N	N
N7501	70	35	136.2	67.1	N	67.4	59.0	68.0	9.0	N	N	N	N
N7501	70	36	139.2	67.1	N	67.3	58.9	67.9	9.0	N	N	N	N
N7501	70	37	142.2	67.0	N	67.2	58.9	67.8	8.9	N	N	N	N
N7501	70	38	145.2	66.9	N	67.2	58.8	67.8	9.0	N	N	N	N
N7501	70	39	148.2	66.9	N	67.1	58.8	67.7	8.9	N	N	N	N
N7501	70	40	151.2	66.8	N	67.0	58.8	67.6	8.8	N	N	N	N
N7501	70	41	154.2	66.7	N	66.9	58.7	67.6	8.9	N	N	N	N
N7501	70	42	157.2	66.6	N	66.9	58.7	67.5	8.8	N	N	N	N
N7501	70	43	160.2	66.6	N	66.8	58.6	67.5	8.9	N	N	N	N
N7501	70	44	163.2	66.5	N	66.8	58.6	67.4	8.8	N	N	N	N
N7501	70	45	166.2	66.4	N	66.7	58.5	67.3	8.8	N	N	N	N
N7501	70	46	169.2	66.4	N	66.6	58.5	67.2	8.7	N	N	N	N
N7501	70	47	172.2	66.3	N	66.6	58.5	67.2	8.7	N	N	N	N
N7501	70	48	175.2	66.3	N	66.5	58.4	67.1	8.7	N	N	N	N
N7502	70	1	34.2	70.7	Y	69.6	60.9	70.1	9.2	N	N	N	N
N7502	70	2	37.2	70.6	Y	69.5	61.0	70.1	9.1	N	N	N	N
N7502	70	3	40.2	70.5	Y	69.5	61.0	70.0	9.0	N	N	N	N
N7502	70	4	43.2	70.4	N	69.3	61.1	69.9	8.8	N	N	N	N
N7502	70	5	46.2	70.4	N	69.3	61.1	69.9	8.8	N	N	N	N
N7502	70	6	49.2	70.2	N	69.2	61.1	69.8	8.7	N	N	N	N
N7502	70	7	52.2	70.2	N	69.1	61.2	69.8	8.6	N	N	N	N
N7502	70	8	55.2	70.0	N	69.0	61.2	69.7	8.5	N	N	N	N
N7502	70	9	58.2	69.9	N	69.0	61.2	69.6	8.4	N	N	N	N
N7502	70	10	61.2	69.8	N	68.9	61.2	69.6	8.4	N	N	N	N
N7502	70	11	64.2	69.7	N	68.8	61.2	69.5	8.3	N	N	N	N
N7502	70	12	67.2	69.6	N	68.8	61.2	69.5	8.3	N	N	N	N
N7502	70	13	70.2	69.5	N	68.7	61.2	69.4	8.2	N	N	N	N
N7502	70	14	73.2	69.4	N	68.6	61.2	69.3	8.1	N	N	N	N
N7502	70	15	76.2	69.3	N	68.5	61.2	69.2	8.0	N	N	N	N
N7502	70	16	79.2	69.2	N	68.4	61.1	69.1	8.0	N	N	N	N
N7502	70	17	82.2	69.1	N	68.3	61.1	69.1	8.0	N	N	N	N
N7502	70	18	85.2	69.0	N	68.2	61.1	69.0	7.9	N	N	N	N
N7502	70	19	88.2	68.9	N	68.1	61.1	68.9	7.8	N	N	N	N
N7502	70	20	91.2	68.8	N	68.1	61.1	68.8	7.7	N	N	N	N
N7502	70	21	94.2	68.7	N	68.0	61.0	68.8	7.8	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7502	70	22	97.2	68.6	N	67.9	61.0	68.7	7.7	N	N	N	N
N7502	70	23	100.2	68.5	N	67.8	60.9	68.6	7.7	N	N	N	N
N7502	70	24	103.2	68.4	N	67.7	60.9	68.5	7.6	N	N	N	N
N7502	70	25	106.2	68.3	N	67.6	60.9	68.4	7.5	N	N	N	N
N7502	70	26	109.2	68.2	N	67.5	60.8	68.4	7.6	N	N	N	N
N7502	70	27	112.2	68.1	N	67.4	60.8	68.3	7.5	N	N	N	N
N7502	70	28	115.2	68.1	N	67.4	60.8	68.2	7.4	N	N	N	N
N7502	70	29	118.2	68.0	N	67.3	60.7	68.1	7.4	N	N	N	N
N7502	70	30	121.2	67.9	N	67.2	60.7	68.1	7.4	N	N	N	N
N7502	70	31	124.2	67.8	N	67.1	60.7	68.0	7.3	N	N	N	N
N7502	70	32	127.2	67.7	N	67.0	60.6	67.9	7.3	N	N	N	N
N7502	70	33	130.2	67.6	N	67.0	60.6	67.9	7.3	N	N	N	N
N7502	70	34	133.2	67.6	N	66.9	60.5	67.8	7.3	N	N	N	N
N7502	70	35	136.2	67.5	N	66.8	60.5	67.7	7.2	N	N	N	N
N7502	70	36	139.2	67.5	N	66.7	60.4	67.7	7.3	N	N	N	N
N7502	70	37	142.2	67.4	N	66.7	60.4	67.6	7.2	N	N	N	N
N7502	70	38	145.2	67.3	N	66.6	60.4	67.5	7.1	N	N	N	N
N7502	70	39	148.2	67.2	N	66.5	60.3	67.5	7.2	N	N	N	N
N7502	70	40	151.2	67.1	N	66.5	60.3	67.4	7.1	N	N	N	N
N7502	70	41	154.2	67.1	N	66.4	60.3	67.3	7.0	N	N	N	N
N7502	70	42	157.2	67.0	N	66.3	60.2	67.3	7.1	N	N	N	N
N7502	70	43	160.2	66.9	N	66.3	60.2	67.2	7.0	N	N	N	N
N7502	70	44	163.2	66.9	N	66.2	60.2	67.2	7.0	N	N	N	N
N7502	70	45	166.2	66.8	N	66.1	60.1	67.1	7.0	N	N	N	N
N7502	70	46	169.2	66.7	N	66.1	60.1	67.0	6.9	N	N	N	N
N7502	70	47	172.2	66.7	N	66.0	60.0	67.0	7.0	N	N	N	N
N7502	70	48	175.2	66.6	N	65.9	60.0	66.9	6.9	N	N	N	N
N7601	70	1	34.2	63.4	N	61.9	60.2	64.1	3.9	N	N	N	N
N7601	70	2	37.2	65.0	N	63.0	62.2	65.6	3.4	N	N	N	N
N7601	70	3	40.2	66.1	N	63.5	63.5	66.5	3.0	N	N	N	N
N7601	70	4	43.2	66.8	N	63.7	64.4	67.1	2.7	N	N	N	N
N7601	70	5	46.2	67.4	N	63.8	65.4	67.7	2.3	N	N	N	N
N7601	70	6	49.2	67.9	N	63.9	66.2	68.2	2.0	N	N	N	N
N7601	70	7	52.2	68.2	N	63.8	66.4	68.3	1.9	N	N	N	N
N7601	70	8	55.2	68.2	N	63.8	66.5	68.4	1.9	N	N	N	N
N7601	70	9	58.2	68.2	N	63.6	66.5	68.3	1.8	N	N	N	N
N7601	70	10	61.2	68.2	N	63.6	66.5	68.3	1.8	N	N	N	N
N7601	70	11	64.2	68.0	N	63.5	66.4	68.2	1.8	N	N	N	N
N7601	70	12	67.2	67.9	N	63.4	66.3	68.1	1.8	N	N	N	N
N7601	70	13	70.2	67.8	N	63.3	66.1	68.0	1.9	N	N	N	N
N7601	70	14	73.2	67.8	N	63.2	66.1	67.9	1.8	N	N	N	N
N7601	70	15	76.2	67.7	N	63.1	66.0	67.8	1.8	N	N	N	N
N7601	70	16	79.2	67.5	N	63.0	65.9	67.7	1.8	N	N	N	N
N7601	70	17	82.2	67.4	N	62.9	65.7	67.5	1.8	N	N	N	N
N7601	70	18	85.2	67.4	N	62.8	65.6	67.5	1.9	N	N	N	N
N7601	70	19	88.2	67.3	N	62.7	65.6	67.4	1.8	N	N	N	N
N7601	70	20	91.2	67.2	N	62.6	65.5	67.3	1.8	N	N	N	N
N7601	70	21	94.2	67.0	N	62.5	65.4	67.2	1.8	N	N	N	N
N7601	70	22	97.2	67.0	N	62.4	65.3	67.1	1.8	N	N	N	N
N7601	70	23	100.2	66.9	N	62.3	65.2	67.0	1.8	N	N	N	N
N7601	70	24	103.2	66.8	N	62.2	65.1	66.9	1.8	N	N	N	N
N7601	70	25	106.2	66.7	N	62.1	65.0	66.8	1.8	N	N	N	N
N7601	70	26	109.2	66.6	N	62.0	64.9	66.7	1.8	N	N	N	N
N7601	70	27	112.2	66.5	N	61.9	64.8	66.6	1.8	N	N	N	N
N7601	70	28	115.2	66.4	N	61.8	64.7	66.5	1.8	N	N	N	N
N7601	70	29	118.2	66.4	N	61.8	64.6	66.4	1.8	N	N	N	N
N7601	70	30	121.2	66.3	N	61.7	64.6	66.4	1.8	N	N	N	N
N7601	70	31	124.2	66.2	N	61.6	64.5	66.3	1.8	N	N	N	N
N7601	70	32	127.2	66.1	N	61.5	64.4	66.2	1.8	N	N	N	N
N7601	70	33	130.2	66.0	N	61.4	64.3	66.1	1.8	N	N	N	N
N7601	70	34	133.2	66.0	N	61.3	64.2	66.0	1.8	N	N	N	N
N7601	70	35	136.2	65.9	N	61.2	64.2	66.0	1.8	N	N	N	N
N7601	70	36	139.2	65.8	N	61.2	64.1	65.9	1.8	N	N	N	N
N7601	70	37	142.2	65.8	N	61.1	64.1	65.8	1.7	N	N	N	N
N7601	70	38	145.2	65.7	N	61.0	64.0	65.8	1.8	N	N	N	N
N7601	70	39	148.2	65.6	N	60.9	63.9	65.7	1.8	N	N	N	N
N7601	70	40	151.2	65.5	N	60.9	63.8	65.6	1.8	N	N	N	N
N7601	70	41	154.2	65.4	N	60.8	63.7	65.5	1.8	N	N	N	N
N7601	70	42	157.2	65.4	N	60.7	63.7	65.5	1.8	N	N	N	N
N7601	70	43	160.2	65.3	N	60.7	63.6	65.4	1.8	N	N	N	N
N7601	70	44	163.2	65.2	N	60.6	63.5	65.3	1.8	N	N	N	N
N7601	70	45	166.2	65.2	N	60.5	63.5	65.3	1.8	N	N	N	N
N7601	70	46	169.2	65.1	N	60.4	63.4	65.2	1.8	N	N	N	N
N7601	70	47	172.2	65.0	N	60.4	63.4	65.1	1.7	N	N	N	N
N7601	70	48	175.2	65.0	N	60.3	63.3	65.1	1.8	N	N	N	N
N7602	70	1	34.2	66.1	N	66.4	62.1	67.8	5.7	N	N	N	N
N7602	70	2	37.2	67.6	N	66.7	64.4	68.7	4.3	N	N	N	N
N7602	70	3	40.2	68.5	N	66.8	65.7	69.3	3.6	N	N	N	N
N7602	70	4	43.2	69.1	N	66.7	66.7	69.7	3.0	N	N	N	N
N7602	70	5	46.2	69.4	N	66.6	67.1	69.9	2.8	N	N	N	N
N7602	70	6	49.2	69.3	N	66.5	67.2	69.9	2.7	N	N	N	N
N7602	70	7	52.2	69.3	N	66.4	67.2	69.8	2.6	N	N	N	N
N7602	70	8	55.2	69.2	N	66.3	67.1	69.7	2.6	N	N	N	N
N7602	70	9	58.2	69.1	N	66.2	67.0	69.6	2.6	N	N	N	N
N7602	70	10	61.2	69.0	N	66.1	66.9	69.5	2.6	N	N	N	N
N7602	70	11	64.2	68.9	N	65.9	66.8	69.4	2.6	N	N	N	N
N7602	70	12	67.2	68.8	N	65.8	66.7	69.3	2.6	N	N	N	N
N7602	70	13	70.2	68.7	N	65.7	66.5	69.2	2.7	N	N	N	N
N7602	70	14	73.2	68.6	N	65.6	66.5	69.1	2.6	N	N	N	N
N7602	70	15	76.2	68.4	N	65.5	66.4	69.0	2.6	N	N	N	N
N7602	70	16	79.2	68.4	N	65.4	66.2	68.8	2.6	N	N	N	N
N7602	70	17	82.2	68.3	N	65.3	66.2	68.7	2.5	N	N	N	N
N7602	70	18	85.2	68.1	N	65.1	66.1	68.6	2.5	N	N	N	N
N7602	70	19	88.2	68.1	N	65.0	66.0	68.5	2.5	N	N	N	N
N7602	70	20	91.2	68.0	N	64.9	65.9	68.4	2.5	N	N	N	N
N7602	70	21	94.2	67.9	N	64.8	65.8	68.3	2.5	N	N	N	N
N7602	70	22	97.2	67.8	N	64.7	65.7	68.2	2.5	N	N	N	N
N7602	70	23	100.2	67.7	N	64.6	65.6	68.1	2.5	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7602	70	24	103.2	67.6	N	64.5	65.5	68.0	2.5	N	N	N	N
N7602	70	25	106.2	67.5	N	64.4	65.4	68.0	2.6	N	N	N	N
N7602	70	26	109.2	67.4	N	64.3	65.3	67.9	2.6	N	N	N	N
N7602	70	27	112.2	67.3	N	64.2	65.3	67.8	2.5	N	N	N	N
N7602	70	28	115.2	67.2	N	64.1	65.2	67.7	2.5	N	N	N	N
N7602	70	29	118.2	67.2	N	64.1	65.1	67.6	2.5	N	N	N	N
N7602	70	30	121.2	67.1	N	64.0	65.0	67.5	2.5	N	N	N	N
N7602	70	31	124.2	67.0	N	63.9	64.9	67.4	2.5	N	N	N	N
N7602	70	32	127.2	66.9	N	63.8	64.8	67.4	2.6	N	N	N	N
N7602	70	33	130.2	66.8	N	63.7	64.8	67.3	2.5	N	N	N	N
N7602	70	34	133.2	66.7	N	63.6	64.7	67.2	2.5	N	N	N	N
N7602	70	35	136.2	66.7	N	63.5	64.6	67.1	2.5	N	N	N	N
N7602	70	36	139.2	66.6	N	63.4	64.5	67.0	2.5	N	N	N	N
N7602	70	37	142.2	66.5	N	63.4	64.4	66.9	2.5	N	N	N	N
N7602	70	38	145.2	66.4	N	63.3	64.4	66.9	2.5	N	N	N	N
N7602	70	39	148.2	66.4	N	63.2	64.3	66.8	2.5	N	N	N	N
N7602	70	40	151.2	66.3	N	63.1	64.2	66.7	2.5	N	N	N	N
N7602	70	41	154.2	66.2	N	63.1	64.2	66.7	2.5	N	N	N	N
N7602	70	42	157.2	66.1	N	63.0	64.1	66.6	2.5	N	N	N	N
N7602	70	43	160.2	66.1	N	62.9	64.0	66.5	2.5	N	N	N	N
N7602	70	44	163.2	66.0	N	62.8	64.0	66.4	2.4	N	N	N	N
N7602	70	45	166.2	65.9	N	62.8	63.9	66.4	2.5	N	N	N	N
N7602	70	46	169.2	65.9	N	62.7	63.8	66.3	2.5	N	N	N	N
N7602	70	47	172.2	65.8	N	62.6	63.8	66.2	2.4	N	N	N	N
N7602	70	48	175.2	65.7	N	62.5	63.7	66.2	2.5	N	N	N	N
N7603	70	1	34.2	70.2	N	70.1	63.2	70.9	7.7	N	N	Y	Y
N7603	70	2	37.2	70.4	N	70.1	64.1	71.1	7.0	N	N	Y	Y
N7603	70	3	40.2	70.6	Y	70.1	64.6	71.2	6.6	N	N	Y	Y
N7603	70	4	43.2	70.7	Y	70.0	64.9	71.2	6.3	N	N	Y	Y
N7603	70	5	46.2	70.7	Y	69.9	65.2	71.2	6.0	N	N	Y	Y
N7603	70	6	49.2	70.6	Y	69.8	65.3	71.2	5.9	N	N	Y	Y
N7603	70	7	52.2	70.5	Y	69.7	65.3	71.1	5.8	N	N	Y	Y
N7603	70	8	55.2	70.4	N	69.6	65.2	71.0	5.8	N	N	Y	Y
N7603	70	9	58.2	70.3	N	69.5	65.2	70.9	5.7	N	N	Y	Y
N7603	70	10	61.2	70.2	N	69.4	65.1	70.8	5.7	N	N	Y	Y
N7603	70	11	64.2	70.1	N	69.3	65.0	70.7	5.7	N	N	Y	Y
N7603	70	12	67.2	70.0	N	69.2	64.8	70.6	5.8	N	N	Y	Y
N7603	70	13	70.2	69.9	N	69.1	64.7	70.5	5.8	N	N	Y	Y
N7603	70	14	73.2	69.8	N	69.0	64.6	70.3	5.7	N	N	N	N
N7603	70	15	76.2	69.7	N	68.9	64.5	70.2	5.7	N	N	N	N
N7603	70	16	79.2	69.6	N	68.8	64.4	70.1	5.7	N	N	N	N
N7603	70	17	82.2	69.4	N	68.7	64.3	70.1	5.8	N	N	N	N
N7603	70	18	85.2	69.3	N	68.6	64.2	70.0	5.8	N	N	N	N
N7603	70	19	88.2	69.3	N	68.5	64.1	69.8	5.7	N	N	N	N
N7603	70	20	91.2	69.2	N	68.4	64.0	69.7	5.7	N	N	N	N
N7603	70	21	94.2	69.1	N	68.3	64.0	69.6	5.6	N	N	N	N
N7603	70	22	97.2	68.9	N	68.2	63.9	69.6	5.7	N	N	N	N
N7603	70	23	100.2	68.8	N	68.1	63.8	69.5	5.7	N	N	N	N
N7603	70	24	103.2	68.7	N	68.0	63.7	69.4	5.7	N	N	N	N
N7603	70	25	106.2	68.7	N	67.9	63.6	69.3	5.7	N	N	N	N
N7603	70	26	109.2	68.6	N	67.8	63.5	69.2	5.7	N	N	N	N
N7603	70	27	112.2	68.5	N	67.7	63.4	69.1	5.7	N	N	N	N
N7603	70	28	115.2	68.4	N	67.6	63.3	69.0	5.7	N	N	N	N
N7603	70	29	118.2	68.3	N	67.5	63.3	68.9	5.6	N	N	N	N
N7603	70	30	121.2	68.2	N	67.5	63.2	68.8	5.6	N	N	N	N
N7603	70	31	124.2	68.1	N	67.4	63.1	68.7	5.6	N	N	N	N
N7603	70	32	127.2	68.0	N	67.3	63.0	68.7	5.7	N	N	N	N
N7603	70	33	130.2	68.0	N	67.2	63.0	68.6	5.6	N	N	N	N
N7603	70	34	133.2	67.9	N	67.1	62.9	68.5	5.6	N	N	N	N
N7603	70	35	136.2	67.8	N	67.0	62.8	68.4	5.6	N	N	N	N
N7603	70	36	139.2	67.7	N	66.9	62.8	68.3	5.5	N	N	N	N
N7603	70	37	142.2	67.6	N	66.9	62.7	68.3	5.6	N	N	N	N
N7603	70	38	145.2	67.6	N	66.8	62.6	68.2	5.6	N	N	N	N
N7603	70	39	148.2	67.5	N	66.7	62.5	68.1	5.6	N	N	N	N
N7603	70	40	151.2	67.4	N	66.6	62.5	68.0	5.5	N	N	N	N
N7603	70	41	154.2	67.3	N	66.5	62.4	68.0	5.6	N	N	N	N
N7603	70	42	157.2	67.3	N	66.5	62.4	67.9	5.5	N	N	N	N
N7603	70	43	160.2	67.2	N	66.4	62.3	67.8	5.5	N	N	N	N
N7603	70	44	163.2	67.1	N	66.3	62.2	67.8	5.6	N	N	N	N
N7603	70	45	166.2	67.1	N	66.3	62.2	67.7	5.5	N	N	N	N
N7603	70	46	169.2	67.0	N	66.2	62.1	67.6	5.5	N	N	N	N
N7603	70	47	172.2	66.9	N	66.1	62.0	67.6	5.6	N	N	N	N
N7603	70	48	175.2	66.9	N	66.1	62.0	67.5	5.5	N	N	N	N
N7604	70	1	34.2	71.0	Y	70.6	63.3	71.4	8.1	N	N	Y	Y
N7604	70	2	37.2	71.0	Y	70.6	63.4	71.4	8.0	N	N	Y	Y
N7604	70	3	40.2	70.9	Y	70.6	63.6	71.4	7.8	N	N	Y	Y
N7604	70	4	43.2	70.9	Y	70.5	63.8	71.3	7.5	N	N	Y	Y
N7604	70	5	46.2	70.8	Y	70.4	63.9	71.3	7.4	N	N	Y	Y
N7604	70	6	49.2	70.8	Y	70.3	64.0	71.2	7.2	N	N	Y	Y
N7604	70	7	52.2	70.7	Y	70.3	64.1	71.2	7.1	N	N	Y	Y
N7604	70	8	55.2	70.6	Y	70.1	64.1	71.1	7.0	N	N	Y	Y
N7604	70	9	58.2	70.5	Y	70.0	64.1	71.0	6.9	N	N	Y	Y
N7604	70	10	61.2	70.4	N	69.9	64.2	70.9	6.7	N	N	Y	Y
N7604	70	11	64.2	70.3	N	69.8	64.1	70.9	6.8	N	N	Y	Y
N7604	70	12	67.2	70.2	N	69.7	64.0	70.7	6.7	N	N	Y	Y
N7604	70	13	70.2	70.1	N	69.6	63.9	70.7	6.8	N	N	Y	Y
N7604	70	14	73.2	70.0	N	69.5	63.9	70.6	6.7	N	N	Y	Y
N7604	70	15	76.2	69.9	N	69.4	63.8	70.5	6.7	N	N	Y	Y
N7604	70	16	79.2	69.8	N	69.3	63.7	70.4	6.7	N	N	N	N
N7604	70	17	82.2	69.7	N	69.2	63.6	70.3	6.7	N	N	N	N
N7604	70	18	85.2	69.5	N	69.1	63.6	70.2	6.6	N	N	N	N
N7604	70	19	88.2	69.4	N	69.0	63.5	70.1	6.6	N	N	N	N
N7604	70	20	91.2	69.3	N	68.9	63.4	70.0	6.6	N	N	N	N
N7604	70	21	94.2	69.2	N	68.8	63.3	69.9	6.6	N	N	N	N
N7604	70	22	97.2	69.1	N	68.7	63.2	69.8	6.6	N	N	N	N
N7604	70	23	100.2	69.0	N	68.6	63.2	69.7	6.5	N	N	N	N
N7604	70	24	103.2	68.9	N	68.5	63.1	69.6	6.5	N	N	N	N
N7604	70	25	106.2	68.8	N	68.4	63.0	69.5	6.5	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project Predicted traffic noise level, dB(A)	Without Project Traffic noise level exceeds the criteria	With Project (Unmitigated) Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7604	70	26	109.2	68.7	N	68.3	63.0	69.4	6.4	N	N	N	N
N7604	70	27	112.2	68.7	N	68.2	62.9	69.3	6.4	N	N	N	N
N7604	70	28	115.2	68.6	N	68.2	62.8	69.3	6.5	N	N	N	N
N7604	70	29	118.2	68.5	N	68.1	62.7	69.2	6.5	N	N	N	N
N7604	70	30	121.2	68.4	N	68.0	62.7	69.1	6.4	N	N	N	N
N7604	70	31	124.2	68.3	N	67.9	62.6	69.0	6.4	N	N	N	N
N7604	70	32	127.2	68.2	N	67.8	62.5	68.9	6.4	N	N	N	N
N7604	70	33	130.2	68.1	N	67.7	62.5	68.8	6.3	N	N	N	N
N7604	70	34	133.2	68.0	N	67.6	62.4	68.8	6.4	N	N	N	N
N7604	70	35	136.2	68.0	N	67.5	62.3	68.7	6.4	N	N	N	N
N7604	70	36	139.2	67.9	N	67.5	62.3	68.6	6.3	N	N	N	N
N7604	70	37	142.2	67.8	N	67.4	62.2	68.5	6.3	N	N	N	N
N7604	70	38	145.2	67.7	N	67.3	62.1	68.5	6.4	N	N	N	N
N7604	70	39	148.2	67.7	N	67.2	62.1	68.4	6.3	N	N	N	N
N7604	70	40	151.2	67.6	N	67.2	62.0	68.3	6.3	N	N	N	N
N7604	70	41	154.2	67.5	N	67.1	62.0	68.2	6.2	N	N	N	N
N7604	70	42	157.2	67.4	N	67.0	61.9	68.2	6.3	N	N	N	N
N7604	70	43	160.2	67.4	N	67.0	61.8	68.1	6.3	N	N	N	N
N7604	70	44	163.2	67.3	N	66.9	61.8	68.1	6.3	N	N	N	N
N7604	70	45	166.2	67.2	N	66.8	61.7	68.0	6.3	N	N	N	N
N7604	70	46	169.2	67.2	N	66.7	61.7	67.9	6.2	N	N	N	N
N7604	70	47	172.2	67.1	N	66.7	61.6	67.9	6.3	N	N	N	N
N7604	70	48	175.2	67.0	N	66.6	61.6	67.8	6.2	N	N	N	N
N7605	70	1	34.2	70.5	Y	69.7	61.2	70.3	9.1	N	N	N	N
N7605	70	2	37.2	70.4	N	69.7	61.2	70.3	9.1	N	N	N	N
N7605	70	3	40.2	70.3	N	69.6	61.2	70.2	9.0	N	N	N	N
N7605	70	4	43.2	70.2	N	69.5	61.2	70.1	8.9	N	N	N	N
N7605	70	5	46.2	70.1	N	69.5	61.1	70.1	9.0	N	N	N	N
N7605	70	6	49.2	70.0	N	69.4	61.1	70.0	8.9	N	N	N	N
N7605	70	7	52.2	69.9	N	69.3	61.1	69.9	8.8	N	N	N	N
N7605	70	8	55.2	69.8	N	69.2	61.1	69.8	8.7	N	N	N	N
N7605	70	9	58.2	69.7	N	69.1	61.1	69.8	8.7	N	N	N	N
N7605	70	10	61.2	69.5	N	69.0	61.0	69.7	8.7	N	N	N	N
N7605	70	11	64.2	69.4	N	68.9	61.0	69.6	8.6	N	N	N	N
N7605	70	12	67.2	69.3	N	68.8	61.0	69.5	8.5	N	N	N	N
N7605	70	13	70.2	69.2	N	68.7	61.0	69.4	8.4	N	N	N	N
N7605	70	14	73.2	69.1	N	68.6	60.9	69.3	8.4	N	N	N	N
N7605	70	15	76.2	69.0	N	68.5	60.9	69.2	8.3	N	N	N	N
N7605	70	16	79.2	68.9	N	68.4	60.9	69.1	8.2	N	N	N	N
N7605	70	17	82.2	68.8	N	68.3	60.9	69.0	8.1	N	N	N	N
N7605	70	18	85.2	68.7	N	68.2	60.8	68.9	8.1	N	N	N	N
N7605	70	19	88.2	68.6	N	68.1	60.8	68.8	8.0	N	N	N	N
N7605	70	20	91.2	68.5	N	68.0	60.7	68.7	8.0	N	N	N	N
N7605	70	21	94.2	68.4	N	67.9	60.7	68.6	7.9	N	N	N	N
N7605	70	22	97.2	68.3	N	67.8	60.7	68.6	7.9	N	N	N	N
N7605	70	23	100.2	68.2	N	67.7	60.6	68.5	7.9	N	N	N	N
N7605	70	24	103.2	68.1	N	67.6	60.6	68.4	7.8	N	N	N	N
N7605	70	25	106.2	68.0	N	67.5	60.5	68.3	7.8	N	N	N	N
N7605	70	26	109.2	67.9	N	67.4	60.5	68.2	7.7	N	N	N	N
N7605	70	27	112.2	67.8	N	67.3	60.5	68.2	7.7	N	N	N	N
N7605	70	28	115.2	67.7	N	67.3	60.4	68.1	7.7	N	N	N	N
N7605	70	29	118.2	67.7	N	67.2	60.4	68.0	7.6	N	N	N	N
N7605	70	30	121.2	67.6	N	67.1	60.3	67.9	7.6	N	N	N	N
N7605	70	31	124.2	67.5	N	67.0	60.3	67.8	7.5	N	N	N	N
N7605	70	32	127.2	67.4	N	66.9	60.3	67.8	7.5	N	N	N	N
N7605	70	33	130.2	67.3	N	66.8	60.2	67.7	7.5	N	N	N	N
N7605	70	34	133.2	67.2	N	66.7	60.2	67.6	7.4	N	N	N	N
N7605	70	35	136.2	67.2	N	66.7	60.1	67.5	7.4	N	N	N	N
N7605	70	36	139.2	67.1	N	66.6	60.1	67.5	7.4	N	N	N	N
N7605	70	37	142.2	67.0	N	66.5	60.1	67.4	7.3	N	N	N	N
N7605	70	38	145.2	67.0	N	66.4	60.0	67.3	7.3	N	N	N	N
N7605	70	39	148.2	66.9	N	66.4	60.0	67.3	7.3	N	N	N	N
N7605	70	40	151.2	66.8	N	66.3	59.9	67.2	7.3	N	N	N	N
N7605	70	41	154.2	66.7	N	66.2	59.9	67.1	7.2	N	N	N	N
N7605	70	42	157.2	66.7	N	66.1	59.9	67.0	7.1	N	N	N	N
N7605	70	43	160.2	66.6	N	66.1	59.8	67.0	7.2	N	N	N	N
N7605	70	44	163.2	66.5	N	66.0	59.8	66.9	7.1	N	N	N	N
N7605	70	45	166.2	66.5	N	65.9	59.7	66.9	7.2	N	N	N	N
N7605	70	46	169.2	66.4	N	65.8	59.7	66.8	7.1	N	N	N	N
N7605	70	47	172.2	66.3	N	65.8	59.6	66.8	7.2	N	N	N	N
N7605	70	48	175.2	66.3	N	65.7	59.6	66.7	7.1	N	N	N	N
N7701	70	1	34.2	67.8	N	57.5	67.1	67.6	0.5	N	N	N	N
N7701	70	2	37.2	68.9	N	58.2	68.3	68.7	0.4	N	N	N	N
N7701	70	3	40.2	69.2	N	58.5	68.7	69.1	0.4	N	N	N	N
N7701	70	4	43.2	69.2	N	58.7	68.7	69.1	0.4	N	N	N	N
N7701	70	5	46.2	69.2	N	58.7	68.6	69.0	0.4	N	N	N	N
N7701	70	6	49.2	69.1	N	58.7	68.5	69.0	0.5	N	N	N	N
N7701	70	7	52.2	69.0	N	58.7	68.4	68.9	0.5	N	N	N	N
N7701	70	8	55.2	68.9	N	58.6	68.4	68.8	0.4	N	N	N	N
N7701	70	9	58.2	68.8	N	58.5	68.3	68.7	0.4	N	N	N	N
N7701	70	10	61.2	68.7	N	58.4	68.2	68.6	0.4	N	N	N	N
N7701	70	11	64.2	68.7	N	58.4	68.1	68.5	0.4	N	N	N	N
N7701	70	12	67.2	68.6	N	58.3	68.0	68.5	0.5	N	N	N	N
N7701	70	13	70.2	68.5	N	58.3	67.9	68.4	0.5	N	N	N	N
N7701	70	14	73.2	68.4	N	58.2	67.8	68.3	0.5	N	N	N	N
N7701	70	15	76.2	68.3	N	58.1	67.8	68.2	0.4	N	N	N	N
N7701	70	16	79.2	68.3	N	58.1	67.7	68.2	0.5	N	N	N	N
N7701	70	17	82.2	68.2	N	58.0	67.6	68.0	0.4	N	N	N	N
N7701	70	18	85.2	68.1	N	57.9	67.5	68.0	0.5	N	N	N	N
N7701	70	19	88.2	68.0	N	57.9	67.4	67.9	0.5	N	N	N	N
N7701	70	20	91.2	67.9	N	57.8	67.3	67.8	0.5	N	N	N	N
N7701	70	21	94.2	67.8	N	57.7	67.3	67.7	0.4	N	N	N	N
N7701	70	22	97.2	67.8	N	57.7	67.2	67.6	0.4	N	N	N	N
N7701	70	23	100.2	67.7	N	57.6	67.1	67.6	0.5	N	N	N	N
N7701	70	24	103.2	67.6	N	57.6	67.0	67.5	0.5	N	N	N	N
N7701	70	25	106.2	67.5	N	57.5	66.9	67.4	0.5	N	N	N	N
N7701	70	26	109.2	67.4	N	57.4	66.9	67.3	0.4	N	N	N	N
N7701	70	27	112.2	67.4	N	57.4	66.8	67.3	0.5	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N7701	70	28	115.2	67.3	N	57.3	66.8	67.2	0.4	N	N	N	N
N7701	70	29	118.2	67.2	N	57.2	66.7	67.1	0.4	N	N	N	N
N7701	70	30	121.2	67.2	N	57.2	66.6	67.1	0.5	N	N	N	N
N7701	70	31	124.2	67.1	N	57.1	66.5	67.0	0.5	N	N	N	N
N7701	70	32	127.2	67.0	N	57.0	66.5	66.9	0.4	N	N	N	N
N7701	70	33	130.2	67.0	N	57.0	66.4	66.9	0.5	N	N	N	N
N7701	70	34	133.2	66.9	N	56.9	66.3	66.8	0.5	N	N	N	N
N7701	70	35	136.2	66.8	N	56.9	66.2	66.7	0.5	N	N	N	N
N7701	70	36	139.2	66.7	N	56.8	66.2	66.7	0.5	N	N	N	N
N7701	70	37	142.2	66.7	N	56.8	66.1	66.6	0.5	N	N	N	N
N7701	70	38	145.2	66.6	N	56.7	66.0	66.5	0.5	N	N	N	N
N7701	70	39	148.2	66.5	N	56.7	66.0	66.5	0.5	N	N	N	N
N7701	70	40	151.2	66.5	N	56.6	65.9	66.4	0.5	N	N	N	N
N7701	70	41	154.2	66.4	N	56.5	65.9	66.4	0.5	N	N	N	N
N7701	70	42	157.2	66.4	N	56.5	65.8	66.3	0.5	N	N	N	N
N7701	70	43	160.2	66.3	N	56.4	65.8	66.3	0.5	N	N	N	N
N7701	70	44	163.2	66.3	N	56.4	65.7	66.2	0.5	N	N	N	N
N7701	70	45	166.2	66.2	N	56.3	65.7	66.2	0.5	N	N	N	N
N7701	70	46	169.2	66.2	N	56.3	65.7	66.1	0.4	N	N	N	N
N7702	70	1	34.2	63.8	N	61.2	62.3	64.8	2.5	N	N	N	N
N7702	70	2	37.2	65.5	N	62.6	64.2	66.5	2.3	N	N	N	N
N7702	70	3	40.2	67.0	N	63.3	65.9	67.8	1.9	N	N	N	N
N7702	70	4	43.2	67.4	N	63.6	66.4	68.2	1.8	N	N	N	N
N7702	70	5	46.2	67.4	N	63.9	66.4	68.4	2.0	N	N	N	N
N7702	70	6	49.2	67.5	N	64.1	66.4	68.4	2.0	N	N	N	N
N7702	70	7	52.2	67.4	N	64.1	66.3	68.4	2.1	N	N	N	N
N7702	70	8	55.2	67.4	N	64.2	66.2	68.3	2.1	N	N	N	N
N7702	70	9	58.2	67.4	N	64.2	66.1	68.3	2.2	N	N	N	N
N7702	70	10	61.2	67.3	N	64.2	66.0	68.2	2.2	N	N	N	N
N7702	70	11	64.2	67.2	N	64.1	65.9	68.1	2.2	N	N	N	N
N7702	70	12	67.2	67.2	N	64.1	65.8	68.0	2.2	N	N	N	N
N7702	70	13	70.2	67.2	N	64.0	65.7	67.9	2.2	N	N	N	N
N7702	70	14	73.2	67.1	N	63.9	65.6	67.8	2.2	N	N	N	N
N7702	70	15	76.2	67.0	N	63.9	65.5	67.8	2.3	N	N	N	N
N7702	70	16	79.2	67.0	N	63.8	65.4	67.7	2.3	N	N	N	N
N7702	70	17	82.2	66.8	N	63.7	65.3	67.6	2.3	N	N	N	N
N7702	70	18	85.2	66.8	N	63.6	65.2	67.5	2.3	N	N	N	N
N7702	70	19	88.2	66.7	N	63.6	65.1	67.4	2.3	N	N	N	N
N7702	70	20	91.2	66.6	N	63.5	65.0	67.3	2.3	N	N	N	N
N7702	70	21	94.2	66.5	N	63.4	64.9	67.2	2.3	N	N	N	N
N7702	70	22	97.2	66.4	N	63.3	64.8	67.1	2.3	N	N	N	N
N7702	70	23	100.2	66.4	N	63.2	64.7	67.1	2.4	N	N	N	N
N7702	70	24	103.2	66.3	N	63.2	64.7	67.0	2.3	N	N	N	N
N7702	70	25	106.2	66.2	N	63.1	64.6	66.9	2.3	N	N	N	N
N7702	70	26	109.2	66.1	N	63.0	64.5	66.8	2.3	N	N	N	N
N7702	70	27	112.2	66.0	N	62.9	64.4	66.7	2.3	N	N	N	N
N7702	70	28	115.2	65.9	N	62.9	64.3	66.7	2.4	N	N	N	N
N7702	70	29	118.2	65.9	N	62.8	64.2	66.6	2.4	N	N	N	N
N7702	70	30	121.2	65.8	N	62.7	64.2	66.5	2.3	N	N	N	N
N7702	70	31	124.2	65.7	N	62.7	64.1	66.4	2.3	N	N	N	N
N7702	70	32	127.2	65.6	N	62.6	64.0	66.3	2.3	N	N	N	N
N7702	70	33	130.2	65.6	N	62.5	63.9	66.3	2.4	N	N	N	N
N7702	70	34	133.2	65.5	N	62.4	63.8	66.2	2.4	N	N	N	N
N7702	70	35	136.2	65.4	N	62.4	63.8	66.1	2.3	N	N	N	N
N7702	70	36	139.2	65.3	N	62.3	63.7	66.1	2.4	N	N	N	N
N7702	70	37	142.2	65.3	N	62.2	63.6	66.0	2.4	N	N	N	N
N7702	70	38	145.2	65.2	N	62.2	63.6	65.9	2.3	N	N	N	N
N7702	70	39	148.2	65.2	N	62.1	63.5	65.9	2.4	N	N	N	N
N7702	70	40	151.2	65.1	N	62.0	63.4	65.8	2.4	N	N	N	N
N7702	70	41	154.2	65.0	N	62.0	63.3	65.7	2.4	N	N	N	N
N7702	70	42	157.2	64.9	N	61.9	63.2	65.6	2.4	N	N	N	N
N7702	70	43	160.2	64.9	N	61.8	63.2	65.6	2.4	N	N	N	N
N7702	70	44	163.2	64.8	N	61.8	63.1	65.5	2.4	N	N	N	N
N7702	70	45	166.2	64.8	N	61.7	63.1	65.4	2.3	N	N	N	N
N7702	70	46	169.2	64.7	N	61.6	63.0	65.4	2.4	N	N	N	N
N8101	70	1	9.8	60.6	N	50.4	60.3	60.7	0.4	N	N	N	N
N8101	70	2	12.5	61.5	N	52.3	60.9	61.5	0.6	N	N	N	N
N8101	70	3	15.2	61.8	N	52.9	61.2	61.8	0.6	N	N	N	N
N8101	70	4	17.9	62.0	N	53.0	61.3	61.9	0.6	N	N	N	N
N8101	70	5	20.6	62.0	N	53.1	61.3	62.0	0.7	N	N	N	N
N8101	70	6	23.3	62.1	N	53.2	61.4	62.0	0.6	N	N	N	N
N8101	70	7	26.0	62.1	N	53.3	61.3	61.9	0.6	N	N	N	N
N8101	70	8	28.7	62.0	N	53.5	61.3	62.0	0.7	N	N	N	N
N8101	70	9	31.4	62.0	N	54.1	61.2	62.0	0.8	N	N	N	N
N8101	70	10	34.1	62.2	N	54.8	61.2	62.1	0.9	N	N	N	N
N8101	70	11	36.8	62.3	N	55.6	61.2	62.2	1.0	N	N	N	N
N8101	70	12	39.5	62.5	N	56.5	61.2	62.5	1.3	N	N	N	N
N8101	70	13	42.2	62.7	N	57.2	61.3	62.7	1.4	N	N	N	N
N8101	70	14	44.9	62.8	N	57.6	61.4	62.9	1.5	N	N	N	N
N8101	70	15	47.6	62.9	N	57.8	61.5	63.1	1.6	N	N	N	N
N8101	70	16	50.3	62.8	N	58.1	61.5	63.1	1.6	N	N	N	N
N8101	70	17	53.0	62.8	N	58.4	61.4	63.1	1.7	N	N	N	N
N8101	70	18	55.7	62.8	N	58.6	61.3	63.2	1.9	N	N	N	N
N8101	70	19	58.4	62.8	N	58.7	61.3	63.2	1.9	N	N	N	N
N8101	70	20	61.1	62.7	N	58.8	61.2	63.1	1.9	N	N	N	N
N8101	70	21	63.8	62.7	N	58.8	61.1	63.1	2.0	N	N	N	N
N8101	70	22	66.5	62.6	N	58.8	61.0	63.1	2.1	N	N	N	N
N8101	70	23	69.2	62.6	N	58.7	60.9	63.0	2.1	N	N	N	N
N8101	70	24	71.9	62.5	N	58.7	60.8	62.9	2.1	N	N	N	N
N8101	70	25	74.6	62.4	N	58.7	60.7	62.8	2.1	N	N	N	N
N8101	70	26	77.3	62.4	N	58.6	60.7	62.8	2.1	N	N	N	N
N8101	70	27	80.0	62.3	N	58.6	60.6	62.7	2.1	N	N	N	N
N8101	70	28	82.7	62.2	N	58.5	60.5	62.6	2.1	N	N	N	N
N8101	70	29	85.4	62.1	N	58.5	60.3	62.5	2.2	N	N	N	N
N8101	70	30	88.1	62.1	N	58.4	60.2	62.4	2.2	N	N	N	N
N8101	70	31	90.8	62.0	N	58.4	60.2	62.4	2.2	N	N	N	N
N8101	70	32	93.5	61.9	N	58.3	60.1	62.3	2.2	N	N	N	N
N8101	70	33	96.2	61.8	N	58.2	60.0	62.2	2.2	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N8101	70	34	98.9	61.7	N	58.2	59.9	62.1	2.2	N	N	N	N
N8101	70	35	101.6	61.7	N	58.1	59.8	62.1	2.3	N	N	N	N
N8101	70	36	104.3	61.6	N	58.1	59.7	62.0	2.3	N	N	N	N
N8101	70	37	107.0	61.6	N	58.0	59.6	61.9	2.3	N	N	N	N
N8101	70	38	109.7	61.5	N	58.0	59.6	61.9	2.3	N	N	N	N
N8101	70	39	112.4	61.5	N	57.9	59.5	61.8	2.3	N	N	N	N
N8101	70	40	115.1	61.5	N	57.9	59.6	61.8	2.2	N	N	N	N
N8102	70	1	9.8	61.8	N	34.1	61.8	61.8	0.0	N	N	N	N
N8102	70	2	12.5	62.7	N	34.8	62.6	62.6	0.0	N	N	N	N
N8102	70	3	15.2	63.1	N	35.6	63.0	63.0	0.0	N	N	N	N
N8102	70	4	17.9	63.4	N	36.7	63.2	63.2	0.0	N	N	N	N
N8102	70	5	20.6	63.5	N	38.2	63.4	63.4	0.0	N	N	N	N
N8102	70	6	23.3	63.6	N	39.8	63.5	63.5	0.0	N	N	N	N
N8102	70	7	26.0	63.6	N	41.9	63.4	63.4	0.0	N	N	N	N
N8102	70	8	28.7	63.7	N	45.1	63.4	63.5	0.1	N	N	N	N
N8102	70	9	31.4	63.8	N	48.9	63.5	63.6	0.1	N	N	N	N
N8102	70	10	34.1	63.8	N	51.2	63.4	63.6	0.2	N	N	N	N
N8102	70	11	36.8	63.8	N	52.4	63.4	63.7	0.3	N	N	N	N
N8102	70	12	39.5	63.8	N	52.9	63.3	63.7	0.4	N	N	N	N
N8102	70	13	42.2	63.9	N	53.0	63.4	63.8	0.4	N	N	N	N
N8102	70	14	44.9	63.9	N	53.1	63.4	63.7	0.3	N	N	N	N
N8102	70	15	47.6	63.9	N	53.1	63.4	63.8	0.4	N	N	N	N
N8102	70	16	50.3	64.0	N	53.1	63.4	63.8	0.4	N	N	N	N
N8102	70	17	53.0	64.0	N	53.1	63.4	63.8	0.4	N	N	N	N
N8102	70	18	55.7	64.0	N	53.2	63.4	63.8	0.4	N	N	N	N
N8102	70	19	58.4	64.1	N	53.1	63.5	63.9	0.4	N	N	N	N
N8102	70	20	61.1	64.1	N	53.1	63.6	63.9	0.3	N	N	N	N
N8102	70	21	63.8	64.1	N	53.1	63.5	63.9	0.4	N	N	N	N
N8102	70	22	66.5	64.0	N	53.1	63.5	63.9	0.4	N	N	N	N
N8102	70	23	69.2	64.0	N	53.1	63.5	63.8	0.3	N	N	N	N
N8102	70	24	71.9	64.0	N	53.0	63.5	63.8	0.3	N	N	N	N
N8102	70	25	74.6	63.9	N	53.0	63.4	63.7	0.3	N	N	N	N
N8102	70	26	77.3	63.8	N	53.0	63.3	63.7	0.4	N	N	N	N
N8102	70	27	80.0	63.7	N	52.9	63.2	63.6	0.4	N	N	N	N
N8102	70	28	82.7	63.7	N	52.9	63.1	63.5	0.4	N	N	N	N
N8102	70	29	85.4	63.6	N	52.9	63.1	63.5	0.4	N	N	N	N
N8102	70	30	88.1	63.5	N	52.9	63.0	63.4	0.4	N	N	N	N
N8102	70	31	90.8	63.4	N	52.8	62.9	63.3	0.4	N	N	N	N
N8102	70	32	93.5	63.4	N	52.8	62.8	63.2	0.4	N	N	N	N
N8102	70	33	96.2	63.3	N	52.7	62.7	63.1	0.4	N	N	N	N
N8102	70	34	98.9	63.3	N	52.7	62.7	63.1	0.4	N	N	N	N
N8102	70	35	101.6	63.2	N	52.7	62.6	63.0	0.4	N	N	N	N
N8102	70	36	104.3	63.1	N	52.6	62.5	63.0	0.5	N	N	N	N
N8102	70	37	107.0	63.0	N	52.6	62.4	62.9	0.5	N	N	N	N
N8102	70	38	109.7	63.0	N	52.6	62.4	62.8	0.4	N	N	N	N
N8102	70	39	112.4	62.9	N	52.6	62.3	62.8	0.5	N	N	N	N
N8102	70	40	115.1	62.9	N	52.5	62.3	62.7	0.4	N	N	N	N
N8103	70	1	11.5	67.5	N	61.5	66.7	67.8	1.1	N	N	N	N
N8103	70	2	14.2	67.6	N	61.6	66.7	67.8	1.1	N	N	N	N
N8103	70	3	16.9	67.6	N	61.6	66.7	67.9	1.2	N	N	N	N
N8103	70	4	19.6	67.5	N	61.7	66.7	67.9	1.2	N	N	N	N
N8103	70	5	22.3	67.5	N	61.7	66.6	67.9	1.3	N	N	N	N
N8103	70	6	25.0	67.4	N	61.8	66.6	67.8	1.2	N	N	N	N
N8103	70	7	27.7	67.4	N	61.9	66.5	67.8	1.3	N	N	N	N
N8103	70	8	30.4	67.4	N	62.0	66.5	67.8	1.3	N	N	N	N
N8103	70	9	33.1	67.3	N	62.0	66.4	67.7	1.3	N	N	N	N
N8103	70	10	35.8	67.2	N	62.0	66.4	67.7	1.3	N	N	N	N
N8103	70	11	38.5	67.1	N	62.0	66.3	67.6	1.3	N	N	N	N
N8103	70	12	41.2	67.1	N	61.9	66.2	67.6	1.4	N	N	N	N
N8103	70	13	43.9	67.0	N	61.9	66.1	67.5	1.4	N	N	N	N
N8103	70	14	46.6	66.9	N	61.8	66.0	67.4	1.4	N	N	N	N
N8103	70	15	49.3	66.8	N	61.8	66.0	67.4	1.4	N	N	N	N
N8103	70	16	52.0	66.7	N	61.8	65.8	67.3	1.5	N	N	N	N
N8103	70	17	54.7	66.6	N	61.7	65.7	67.2	1.5	N	N	N	N
N8103	70	18	57.4	66.5	N	61.7	65.6	67.1	1.5	N	N	N	N
N8103	70	19	60.1	66.4	N	61.6	65.6	67.1	1.5	N	N	N	N
N8103	70	20	62.8	66.4	N	61.6	65.5	67.0	1.5	N	N	N	N
N8103	70	21	65.5	66.3	N	61.5	65.4	66.9	1.5	N	N	N	N
N8103	70	22	68.2	66.2	N	61.4	65.3	66.8	1.5	N	N	N	N
N8103	70	23	70.9	66.1	N	61.4	65.2	66.7	1.5	N	N	N	N
N8103	70	24	73.6	66.0	N	61.4	65.1	66.6	1.5	N	N	N	N
N8103	70	25	76.3	65.9	N	61.3	65.0	66.6	1.6	N	N	N	N
N8103	70	26	79.0	65.8	N	61.3	64.9	66.5	1.6	N	N	N	N
N8103	70	27	81.7	65.8	N	61.3	64.8	66.4	1.6	N	N	N	N
N8103	70	28	84.4	65.7	N	61.3	64.7	66.3	1.6	N	N	N	N
N8103	70	29	87.1	65.6	N	61.2	64.6	66.3	1.7	N	N	N	N
N8103	70	30	89.8	65.5	N	61.2	64.5	66.2	1.7	N	N	N	N
N8103	70	31	92.5	65.5	N	61.1	64.4	66.1	1.7	N	N	N	N
N8103	70	32	95.2	65.4	N	61.1	64.4	66.0	1.6	N	N	N	N
N8103	70	33	97.9	65.3	N	61.1	64.3	66.0	1.7	N	N	N	N
N8103	70	34	100.6	65.3	N	61.0	64.2	65.9	1.7	N	N	N	N
N8103	70	35	103.3	65.2	N	61.0	64.1	65.8	1.7	N	N	N	N
N8103	70	36	106.0	65.1	N	60.9	64.0	65.7	1.7	N	N	N	N
N8103	70	37	108.7	65.0	N	60.9	63.9	65.7	1.8	N	N	N	N
N8103	70	38	111.4	65.0	N	60.8	63.9	65.6	1.7	N	N	N	N
N8103	70	39	114.1	64.9	N	60.8	63.8	65.5	1.7	N	N	N	N
N8103	70	40	116.8	64.9	N	60.7	63.7	65.5	1.8	N	N	N	N
N8104	70	1	12.1	67.7	N	63.4	66.6	68.3	1.7	N	N	N	N
N8104	70	2	14.8	67.5	N	63.5	66.4	68.2	1.8	N	N	N	N
N8104	70	3	17.5	67.4	N	63.5	66.2	68.1	1.9	N	N	N	N
N8104	70	4	20.2	67.2	N	63.5	65.9	67.9	2.0	N	N	N	N
N8104	70	5	22.9	67.0	N	63.5	65.7	67.8	2.1	N	N	N	N
N8104	70	6	25.6	66.8	N	63.6	65.5	67.6	2.1	N	N	N	N
N8104	70	7	28.3	66.7	N	63.6	65.3	67.5	2.2	N	N	N	N
N8104	70	8	31.0	66.5	N	63.6	65.0	67.4	2.4	N	N	N	N
N8104	70	9	33.7	66.4	N	63.6	64.9	67.3	2.4	N	N	N	N
N8104	70	10	36.4	66.2	N	63.6	64.7	67.2	2.5	N	N	N	N
N8104	70	11	39.1	66.1	N	63.6	64.5	67.1	2.6	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
N8104	70	12	41.8	66.0	N	63.7	64.4	67.0	2.6	N	N	N	N
N8104	70	13	44.5	65.9	N	63.7	64.2	67.0	2.8	N	N	N	N
N8104	70	14	47.2	65.8	N	63.7	64.1	66.9	2.8	N	N	N	N
N8104	70	15	49.9	65.7	N	63.7	64.0	66.8	2.8	N	N	N	N
N8104	70	16	52.6	65.7	N	63.7	63.9	66.8	2.9	N	N	N	N
N8104	70	17	55.3	65.6	N	63.7	63.7	66.7	3.0	N	N	N	N
N8104	70	18	58.0	65.5	N	63.7	63.7	66.7	3.0	N	N	N	N
N8104	70	19	60.7	65.4	N	63.7	63.6	66.7	3.1	N	N	N	N
N8104	70	20	63.4	65.4	N	63.7	63.5	66.6	3.1	N	N	N	N
N9101	65	1	12.2	64.3	N	63.2	61.6	65.5	3.9	N	N	Y	Y
N9101	65	2	15.2	64.3	N	63.3	61.6	65.5	3.9	N	N	Y	Y
N9101	65	3	18.2	64.3	N	63.3	61.5	65.5	4.0	N	N	Y	Y
N9101	65	4	21.2	64.2	N	63.4	61.5	65.5	4.0	N	N	Y	Y
N9101	65	5	24.2	64.2	N	63.4	61.4	65.5	4.1	N	N	Y	Y
N9101	65	6	27.2	64.2	N	63.4	61.3	65.5	4.2	N	N	Y	Y
N9101	65	7	30.2	64.1	N	63.5	61.3	65.5	4.2	N	N	Y	Y
N9101	65	8	33.2	64.1	N	63.5	61.2	65.5	4.3	N	N	Y	Y
PN1000	70	1	43.20	47.7	N	54.0	47.2	54.8	7.6	N	N	N	N
PN1000	70	2	46.35	48.4	N	55.9	47.9	56.6	8.7	N	N	N	N
PN1000	70	3	49.50	48.8	N	56.6	48.4	57.2	8.8	N	N	N	N
PN1000	70	4	52.65	48.9	N	56.8	48.4	57.4	9.0	N	N	N	N
PN1000	70	5	55.80	48.9	N	57.1	48.5	57.6	9.1	N	N	N	N
PN1000	70	6	58.95	48.9	N	57.2	48.4	57.7	9.3	N	N	N	N
PN1000	70	7	62.10	48.8	N	57.3	48.4	57.8	9.4	N	N	N	N
PN1000	70	8	65.25	48.9	N	57.4	48.5	57.9	9.4	N	N	N	N
PN1000	70	9	68.40	49.0	N	57.5	48.6	58.0	9.4	N	N	N	N
PN1000	70	10	71.55	49.2	N	57.6	48.8	58.1	9.3	N	N	N	N
PN1000	70	11	74.70	49.5	N	57.6	49.1	58.2	9.1	N	N	N	N
PN1000	70	12	77.85	50.3	N	57.7	49.9	58.3	8.4	N	N	N	N
PN1000	70	13	81.00	51.4	N	57.7	51.1	58.6	7.5	N	N	N	N
PN1000	70	14	84.15	52.0	N	57.8	51.8	58.7	6.9	N	N	N	N
PN1000	70	15	87.30	52.7	N	57.8	52.5	59.0	6.5	N	N	N	N
PN1000	70	16	90.45	53.1	N	58.0	52.9	59.2	6.3	N	N	N	N
PN1000	70	17	93.60	53.4	N	58.2	53.3	59.4	6.1	N	N	N	N
PN1000	70	18	96.75	53.6	N	58.4	53.4	59.6	6.2	N	N	N	N
PN1000	70	19	99.90	53.6	N	58.8	53.5	59.9	6.4	N	N	N	N
PN1000	70	20	103.05	53.6	N	59.1	53.5	60.1	6.6	N	N	N	N
PN1000	70	21	106.20	53.6	N	59.5	53.4	60.5	7.1	N	N	N	N
PN1001	70	1	43.20	47.1	N	56.7	46.6	57.1	10.5	N	N	N	N
PN1001	70	2	46.35	47.9	N	57.9	47.3	58.3	11.0	N	N	N	N
PN1001	70	3	49.50	48.3	N	58.3	47.8	58.7	10.9	N	N	N	N
PN1001	70	4	52.65	48.5	N	58.5	48.0	58.9	10.9	N	N	N	N
PN1001	70	5	55.80	48.5	N	58.6	48.0	59.0	11.0	N	N	N	N
PN1001	70	6	58.95	48.4	N	58.7	48.0	59.1	11.1	N	N	N	N
PN1001	70	7	62.10	48.5	N	58.9	48.0	59.2	11.2	N	N	N	N
PN1001	70	8	65.25	48.5	N	58.9	48.1	59.3	11.2	N	N	N	N
PN1001	70	9	68.40	48.7	N	59.0	48.3	59.3	11.0	N	N	N	N
PN1001	70	10	71.55	48.9	N	59.0	48.5	59.4	10.9	N	N	N	N
PN1001	70	11	74.70	49.3	N	59.1	48.9	59.5	10.6	N	N	N	N
PN1001	70	12	77.85	50.3	N	59.1	50.0	59.6	9.6	N	N	N	N
PN1001	70	13	81.00	51.2	N	59.2	50.9	59.8	8.9	N	N	N	N
PN1001	70	14	84.15	51.7	N	59.2	51.4	59.9	8.5	N	N	N	N
PN1001	70	15	87.30	52.3	N	59.4	52.1	60.1	8.0	N	N	N	N
PN1001	70	16	90.45	52.8	N	59.6	52.6	60.4	7.8	N	N	N	N
PN1001	70	17	93.60	53.1	N	59.9	53.0	60.7	7.7	N	N	N	N
PN1001	70	18	96.75	53.3	N	60.1	53.2	60.9	7.7	N	N	N	N
PN1001	70	19	99.90	53.4	N	60.4	53.3	61.2	7.9	N	N	N	N
PN1001	70	20	103.05	53.5	N	60.8	53.3	61.5	8.2	N	N	N	N
PN1001	70	21	106.20	53.5	N	61.4	53.3	62.0	8.7	N	N	N	N
PN1002	70	1	43.20	36.4	N	57.2	61.1	62.5	1.4	N	N	N	N
PN1002	70	2	46.35	36.5	N	58.1	61.2	62.9	1.7	N	N	N	N
PN1002	70	3	49.50	36.5	N	58.5	61.1	63.0	1.9	N	N	N	N
PN1002	70	4	52.65	36.6	N	58.8	61.1	63.1	2.0	N	N	N	N
PN1002	70	5	55.80	36.6	N	59.0	61.0	63.1	2.1	N	N	N	N
PN1002	70	6	58.95	36.6	N	59.2	60.9	63.1	2.2	N	N	N	N
PN1002	70	7	62.10	36.6	N	59.3	60.8	63.1	2.3	N	N	N	N
PN1002	70	8	65.25	36.8	N	59.4	60.6	63.1	2.5	N	N	N	N
PN1002	70	9	68.40	37.2	N	59.4	60.5	63.0	2.5	N	N	N	N
PN1002	70	10	71.55	37.9	N	59.5	60.4	63.0	2.6	N	N	N	N
PN1002	70	11	74.70	39.6	N	59.5	60.3	62.9	2.6	N	N	N	N
PN1002	70	12	77.85	43.8	N	59.5	60.2	62.9	2.7	N	N	N	N
PN1002	70	13	81.00	45.0	N	59.6	60.1	62.8	2.7	N	N	N	N
PN1002	70	14	84.15	45.2	N	59.6	60.0	62.8	2.8	N	N	N	N
PN1002	70	15	87.30	45.4	N	59.6	59.8	62.7	2.9	N	N	N	N
PN1002	70	16	90.45	45.6	N	59.7	59.7	62.7	3.0	N	N	N	N
PN1002	70	17	93.60	45.8	N	59.8	59.6	62.7	3.1	N	N	N	N
PN1002	70	18	96.75	46.1	N	59.8	59.5	62.7	3.2	N	N	N	N
PN1002	70	19	99.90	46.5	N	59.9	59.4	62.7	3.3	N	N	N	N
PN1002	70	20	103.05	47.1	N	60.0	59.3	62.7	3.4	N	N	N	N
PN1002	70	21	106.20	47.9	N	60.1	59.2	62.7	3.5	N	N	N	N
PN1003	70	1	43.20	40.8	N	60.5	59.0	62.8	3.8	N	N	N	N
PN1003	70	2	46.35	41.3	N	60.9	58.7	63.0	4.3	N	N	N	N
PN1003	70	3	49.50	41.6	N	61.1	58.4	63.0	4.6	N	N	N	N
PN1003	70	4	52.65	42.2	N	61.2	58.0	62.9	4.9	N	N	N	N
PN1003	70	5	55.80	42.9	N	61.3	57.7	62.9	5.2	N	N	N	N
PN1003	70	6	58.95	43.4	N	61.4	57.4	62.8	5.4	N	N	N	N
PN1003	70	7	62.10	44.1	N	61.4	57.0	62.8	5.8	N	N	N	N
PN1003	70	8	65.25	44.8	N	61.5	56.7	62.7	6.0	N	N	N	N
PN1003	70	9	68.40	45.4	N	61.5	56.5	62.7	6.2	N	N	N	N
PN1003	70	10	71.55	46.0	N	61.5	56.2	62.6	6.4	N	N	N	N
PN1003	70	11	74.70	46.4	N	61.6	56.0	62.6	6.6	N	N	N	N
PN1003	70	12	77.85	46.9	N	61.6	55.8	62.6	6.8	N	N	N	N
PN1003	70	13	81.00	47.6	N	61.7	55.6	62.7	7.1	N	N	N	N
PN1003	70	14	84.15	48.2	N	61.8	55.5	62.7	7.2	N	N	N	N
PN1003	70	15	87.30	49.0	N	61.9	55.5	62.8	7.3	N	N	N	N
PN1003	70	16	90.45	49.7	N	62.1	55.5	63.0	7.5	N	N	N	N
PN1003	70	17	93.60	50.2	N	62.3	55.4	63.1	7.7	N	N	N	N
PN1003	70	18	96.75	50.6	N	62.5	55.4	63.3	7.9	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project Predicted traffic noise level, dB(A)	Without Project Traffic noise level exceeds the criteria	With Project Predicted traffic noise level due to the road sections within the Project (i.e Project road)	With Project Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	With Project Predicted overall traffic noise level (2)	With Project Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
PN1003	70	19	99.90	50.9	N	62.8	55.4	63.5	8.1	N	N	N	N
PN1003	70	20	103.05	51.1	N	63.0	55.3	63.7	8.4	N	N	N	N
PN1003	70	21	106.20	51.2	N	63.2	55.3	63.9	8.6	N	N	N	N
PN1003	70	22	109.35	51.3	N	63.5	55.4	64.1	8.7	N	N	N	N
PN1003	70	23	112.50	51.3	N	63.6	55.5	64.2	8.7	N	N	N	N
PN1004	70	1	43.20	41.3	N	61.1	65.2	66.6	1.4	N	N	N	N
PN1004	70	2	46.35	41.7	N	61.4	65.0	66.6	1.6	N	N	N	N
PN1004	70	3	49.50	42.0	N	61.6	64.7	66.4	1.7	N	N	N	N
PN1004	70	4	52.65	42.4	N	61.7	64.4	66.3	1.9	N	N	N	N
PN1004	70	5	55.80	42.9	N	61.8	64.1	66.1	2.0	N	N	N	N
PN1004	70	6	58.95	43.3	N	61.8	63.8	66.0	2.2	N	N	N	N
PN1004	70	7	62.10	43.7	N	61.9	63.5	65.8	2.3	N	N	N	N
PN1004	70	8	65.25	44.1	N	61.9	63.2	65.6	2.4	N	N	N	N
PN1004	70	9	68.40	44.4	N	61.9	62.9	65.5	2.6	N	N	N	N
PN1004	70	10	71.55	44.6	N	61.9	62.6	65.3	2.7	N	N	N	N
PN1004	70	11	74.70	44.7	N	62.0	62.4	65.2	2.8	N	N	N	N
PN1004	70	12	77.85	44.9	N	62.0	62.1	65.1	3.0	N	N	N	N
PN1004	70	13	81.00	45.0	N	62.1	61.9	65.0	3.1	N	N	N	N
PN1004	70	14	84.15	45.0	N	62.2	61.6	64.9	3.3	N	N	N	N
PN1004	70	15	87.30	45.1	N	62.3	61.4	64.9	3.5	N	N	N	N
PN1004	70	16	90.45	45.1	N	62.5	61.2	64.9	3.7	N	N	N	N
PN1004	70	17	93.60	45.2	N	62.7	61.0	64.9	3.9	N	N	N	N
PN1004	70	18	96.75	45.1	N	62.9	60.8	65.0	4.2	N	N	N	N
PN1004	70	19	99.90	45.2	N	63.1	60.6	65.0	4.4	N	N	N	N
PN1004	70	20	103.05	45.2	N	63.3	60.4	65.1	4.7	N	N	N	N
PN1004	70	21	106.20	45.2	N	63.5	60.2	65.2	5.0	N	N	N	N
PN1004	70	22	109.35	45.2	N	63.6	60.1	65.2	5.1	N	N	N	N
PN1004	70	23	112.50	45.1	N	63.7	59.9	65.2	5.3	N	N	N	N
PN1005	70	1	43.20	41.5	N	62.3	68.5	69.4	0.9	N	N	N	N
PN1005	70	2	46.35	41.8	N	62.7	68.1	69.2	1.1	N	N	N	N
PN1005	70	3	49.50	42.0	N	62.8	67.7	68.9	1.2	N	N	N	N
PN1005	70	4	52.65	42.3	N	62.9	67.3	68.6	1.3	N	N	N	N
PN1005	70	5	55.80	42.8	N	63.0	66.9	68.4	1.5	N	N	N	N
PN1005	70	6	58.95	43.1	N	63.0	66.5	68.1	1.6	N	N	N	N
PN1005	70	7	62.10	43.5	N	63.0	66.2	67.9	1.7	N	N	N	N
PN1005	70	8	65.25	43.8	N	63.0	65.8	67.6	1.8	N	N	N	N
PN1005	70	9	68.40	44.2	N	63.0	65.5	67.4	1.9	N	N	N	N
PN1005	70	10	71.55	44.4	N	63.0	65.2	67.2	2.0	N	N	N	N
PN1005	70	11	74.70	44.5	N	63.0	64.9	67.1	2.2	N	N	N	N
PN1005	70	12	77.85	44.7	N	63.0	64.6	66.9	2.3	N	N	N	N
PN1005	70	13	81.00	44.8	N	63.1	64.3	66.8	2.5	N	N	N	N
PN1005	70	14	84.15	44.9	N	63.2	64.1	66.6	2.5	N	N	N	N
PN1005	70	15	87.30	44.9	N	63.3	63.8	66.6	2.8	N	N	N	N
PN1005	70	16	90.45	44.9	N	63.4	63.6	66.5	2.9	N	N	N	N
PN1005	70	17	93.60	45.0	N	63.5	63.4	66.5	3.1	N	N	N	N
PN1005	70	18	96.75	45.0	N	63.7	63.2	66.4	3.2	N	N	N	N
PN1005	70	19	99.90	45.1	N	63.8	63.0	66.4	3.4	N	N	N	N
PN1005	70	20	103.05	45.1	N	63.9	62.8	66.4	3.6	N	N	N	N
PN1005	70	21	106.20	45.1	N	64.0	62.6	66.4	3.8	N	N	N	N
PN1005	70	22	109.35	45.1	N	64.2	62.4	66.4	4.0	N	N	N	N
PN1005	70	23	112.50	45.2	N	64.2	62.3	66.4	4.1	N	N	N	N
PN1006	70	1	38.20	33.4	N	61.1	67.6	68.5	0.9	N	N	N	N
PN1006	70	2	41.35	34.0	N	63.1	67.5	68.9	1.4	N	N	N	N
PN1006	70	3	44.50	34.7	N	63.9	67.4	69.0	1.6	N	N	N	N
PN1006	70	4	47.65	35.5	N	64.1	67.1	68.9	1.8	N	N	N	N
PN1006	70	5	50.80	36.4	N	64.1	66.9	68.7	1.8	N	N	N	N
PN1006	70	6	53.95	37.3	N	64.1	66.7	68.6	1.9	N	N	N	N
PN1006	70	7	57.10	38.4	N	64.1	66.4	68.4	2.0	N	N	N	N
PN1006	70	8	60.25	39.3	N	64.0	66.2	68.2	2.0	N	N	N	N
PN1006	70	9	63.40	40.3	N	64.0	65.9	68.1	2.2	N	N	N	N
PN1006	70	10	66.55	41.3	N	64.0	65.6	67.9	2.3	N	N	N	N
PN1006	70	11	69.70	42.2	N	64.0	65.4	67.7	2.3	N	N	N	N
PN1006	70	12	72.85	43.0	N	64.0	65.1	67.6	2.5	N	N	N	N
PN1006	70	13	76.00	43.7	N	64.0	64.9	67.4	2.5	N	N	N	N
PN1006	70	14	79.15	44.5	N	64.0	64.6	67.3	2.7	N	N	N	N
PN1006	70	15	82.30	45.0	N	64.0	64.4	67.2	2.8	N	N	N	N
PN1006	70	16	85.45	45.9	N	64.0	64.2	67.1	2.9	N	N	N	N
PN1006	70	17	88.60	46.6	N	64.0	64.0	67.0	3.0	N	N	N	N
PN1007	70	1	38.20	32.2	N	61.1	66.4	67.5	1.1	N	N	N	N
PN1007	70	2	41.35	32.8	N	62.9	66.4	68.0	1.6	N	N	N	N
PN1007	70	3	44.50	33.6	N	63.6	66.3	68.2	1.9	N	N	N	N
PN1007	70	4	47.65	34.4	N	63.8	66.2	68.1	1.9	N	N	N	N
PN1007	70	5	50.80	35.3	N	63.8	66.0	68.1	2.1	N	N	N	N
PN1007	70	6	53.95	36.2	N	63.8	65.9	68.0	2.1	N	N	N	N
PN1007	70	7	57.10	37.3	N	63.8	65.7	67.9	2.2	N	N	N	N
PN1007	70	8	60.25	38.2	N	63.7	65.5	67.7	2.2	N	N	N	N
PN1007	70	9	63.40	39.3	N	63.7	65.3	67.6	2.3	N	N	N	N
PN1007	70	10	66.55	40.5	N	63.7	65.1	67.5	2.4	N	N	N	N
PN1007	70	11	69.70	41.4	N	63.8	64.9	67.4	2.5	N	N	N	N
PN1007	70	12	72.85	42.2	N	63.8	64.7	67.3	2.6	N	N	N	N
PN1007	70	13	76.00	43.0	N	63.8	64.5	67.2	2.7	N	N	N	N
PN1007	70	14	79.15	43.9	N	63.8	64.3	67.1	2.8	N	N	N	N
PN1007	70	15	82.30	44.4	N	63.8	64.1	67.0	2.9	N	N	N	N
PN1007	70	16	85.45	45.2	N	63.8	63.9	66.9	3.0	N	N	N	N
PN1007	70	17	88.60	45.9	N	63.8	63.8	66.8	3.0	N	N	N	N
PN1008	70	1	38.20	32.7	N	61.9	66.6	67.8	1.2	N	N	N	N
PN1008	70	2	41.35	33.3	N	63.1	66.5	68.1	1.6	N	N	N	N
PN1008	70	3	44.50	34.0	N	63.5	66.4	68.2	1.8	N	N	N	N
PN1008	70	4	47.65	34.8	N	63.6	66.3	68.1	1.8	N	N	N	N
PN1008	70	5	50.80	35.6	N	63.6	66.1	68.1	2.0	N	N	N	N
PN1008	70	6	53.95	36.4	N	63.7	65.9	67.9	2.0	N	N	N	N
PN1008	70	7	57.10	37.4	N	63.7	65.7	67.8	2.1	N	N	N	N
PN1008	70	8	60.25	38.4	N	63.7	65.5	67.7	2.2	N	N	N	N
PN1008	70	9	63.40	39.4	N	63.8	65.3	67.6	2.3	N	N	N	N
PN1008	70	10	66.55	40.4	N	63.8	65.0	67.5	2.5	N	N	N	N
PN1008	70	11	69.70	41.3	N	63.8	64.8	67.4	2.6	N	N	N	N
PN1008	70	12	72.85	42.0	N	63.9	64.6	67.3	2.7	N	N	N	N
PN1008	70	13	76.00	42.8	N	63.9	64.4	67.2	2.8	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
PN1008	70	14	79.15	43.6	N	63.9	64.2	67.1	2.9	N	N	N	N
PN1008	70	15	82.30	44.0	N	63.9	64.0	67.0	3.0	N	N	N	N
PN1008	70	16	85.45	44.7	N	63.9	63.8	66.9	3.1	N	N	N	N
PN1008	70	17	88.60	45.4	N	63.9	63.6	66.8	3.2	N	N	N	N
PN1009	70	1	38.20	34.0	N	62.3	67.0	68.3	1.3	N	N	N	N
PN1009	70	2	41.35	34.5	N	63.5	66.9	68.5	1.6	N	N	N	N
PN1009	70	3	44.50	35.1	N	63.8	66.8	68.5	1.7	N	N	N	N
PN1009	70	4	47.65	35.7	N	63.9	66.6	68.5	1.9	N	N	N	N
PN1009	70	5	50.80	36.4	N	63.9	66.4	68.4	2.0	N	N	N	N
PN1009	70	6	53.95	37.1	N	64.0	66.2	68.2	2.0	N	N	N	N
PN1009	70	7	57.10	37.9	N	64.0	66.0	68.1	2.1	N	N	N	N
PN1009	70	8	60.25	38.8	N	64.0	65.7	68.0	2.3	N	N	N	N
PN1009	70	9	63.40	39.7	N	64.0	65.4	67.8	2.4	N	N	N	N
PN1009	70	10	66.55	40.6	N	64.1	65.2	67.7	2.5	N	N	N	N
PN1009	70	11	69.70	41.4	N	64.1	65.0	67.6	2.6	N	N	N	N
PN1009	70	12	72.85	42.0	N	64.1	64.7	67.4	2.7	N	N	N	N
PN1009	70	13	76.00	42.7	N	64.1	64.5	67.3	2.8	N	N	N	N
PN1009	70	14	79.15	43.4	N	64.1	64.3	67.2	2.9	N	N	N	N
PN1009	70	15	82.30	43.9	N	64.1	64.1	67.1	3.0	N	N	N	N
PN1009	70	16	85.45	44.5	N	64.2	63.9	67.0	3.1	N	N	N	N
PN1009	70	17	88.60	45.2	N	64.1	63.7	66.9	3.2	N	N	N	N
PN1010	70	1	38.20	35.5	N	62.0	65.8	67.3	1.5	N	N	N	N
PN1010	70	2	41.35	35.9	N	63.2	65.7	67.7	2.0	N	N	N	N
PN1010	70	3	44.50	36.3	N	63.6	65.6	67.7	2.1	N	N	N	N
PN1010	70	4	47.65	36.8	N	63.8	65.5	67.7	2.2	N	N	N	N
PN1010	70	5	50.80	37.3	N	63.9	65.3	67.6	2.3	N	N	N	N
PN1010	70	6	53.95	37.9	N	63.9	65.0	67.5	2.5	N	N	N	N
PN1010	70	7	57.10	38.5	N	64.0	64.8	67.4	2.6	N	N	N	N
PN1010	70	8	60.25	39.3	N	64.0	64.5	67.3	2.8	N	N	N	N
PN1010	70	9	63.40	40.0	N	64.1	64.2	67.2	3.0	N	N	N	N
PN1010	70	10	66.55	40.8	N	64.1	64.0	67.1	3.1	N	N	N	N
PN1010	70	11	69.70	41.5	N	64.2	63.7	67.0	3.3	N	N	N	N
PN1010	70	12	72.85	42.0	N	64.2	63.5	66.9	3.4	N	N	N	N
PN1010	70	13	76.00	42.6	N	64.2	63.2	66.8	3.6	N	N	N	N
PN1010	70	14	79.15	43.2	N	64.2	63.0	66.7	3.7	N	N	N	N
PN1010	70	15	82.30	43.7	N	64.3	62.8	66.6	3.8	N	N	N	N
PN1010	70	16	85.45	44.3	N	64.3	62.6	66.5	3.9	N	N	N	N
PN1010	70	17	88.60	45.3	N	64.3	62.3	66.4	4.1	N	N	N	N
PN1011	70	1	38.20	34.6	N	61.7	66.7	67.9	1.2	N	N	N	N
PN1011	70	2	41.35	35.1	N	63.1	66.5	68.2	1.7	N	N	N	N
PN1011	70	3	44.50	35.6	N	63.7	66.4	68.2	1.8	N	N	N	N
PN1011	70	4	47.65	36.2	N	63.9	66.1	68.1	2.0	N	N	N	N
PN1011	70	5	50.80	36.7	N	63.9	65.9	68.0	2.1	N	N	N	N
PN1011	70	6	53.95	37.3	N	64.0	65.6	67.9	2.3	N	N	N	N
PN1011	70	7	57.10	38.0	N	64.0	65.3	67.7	2.4	N	N	N	N
PN1011	70	8	60.25	38.6	N	64.0	65.0	67.6	2.6	N	N	N	N
PN1011	70	9	63.40	39.3	N	64.1	64.7	67.4	2.7	N	N	N	N
PN1011	70	10	66.55	39.9	N	64.1	64.4	67.3	2.9	N	N	N	N
PN1011	70	11	69.70	40.5	N	64.2	64.2	67.2	3.0	N	N	N	N
PN1011	70	12	72.85	41.0	N	64.2	63.9	67.1	3.2	N	N	N	N
PN1011	70	13	76.00	41.5	N	64.3	63.6	67.0	3.4	N	N	N	N
PN1011	70	14	79.15	42.1	N	64.3	63.4	66.9	3.5	N	N	N	N
PN1011	70	15	82.30	42.6	N	64.4	63.1	66.8	3.7	N	N	N	N
PN1011	70	16	85.45	43.1	N	64.4	62.9	66.7	3.8	N	N	N	N
PN1011	70	17	88.60	43.5	N	64.5	62.7	66.7	4.0	N	N	N	N
PN1012	70	1	38.20	58.6	N	62.7	68.8	69.8	1.0	N	N	N	N
PN1012	70	2	41.35	58.7	N	63.7	68.6	69.8	1.2	N	N	N	N
PN1012	70	3	44.50	58.7	N	64.1	68.2	69.6	1.4	N	N	N	N
PN1012	70	4	47.65	58.8	N	64.2	67.9	69.4	1.5	N	N	N	N
PN1012	70	5	50.80	58.8	N	64.2	67.5	69.2	1.7	N	N	N	N
PN1012	70	6	53.95	58.8	N	64.3	67.2	69.0	1.8	N	N	N	N
PN1012	70	7	57.10	58.7	N	64.3	66.9	68.8	1.9	N	N	N	N
PN1012	70	8	60.25	58.7	N	64.3	66.6	68.6	2.0	N	N	N	N
PN1012	70	9	63.40	58.8	N	64.4	66.3	68.4	2.1	N	N	N	N
PN1012	70	10	66.55	58.8	N	64.4	66.0	68.3	2.3	N	N	N	N
PN1012	70	11	69.70	58.9	N	64.5	65.7	68.2	2.5	N	N	N	N
PN1012	70	12	72.85	59.3	N	64.6	65.5	68.1	2.6	N	N	N	N
PN1012	70	13	76.00	59.7	N	64.7	65.3	68.0	2.7	N	N	N	N
PN1012	70	14	79.15	59.8	N	64.8	65.1	67.9	2.8	N	N	N	N
PN1012	70	15	82.30	59.9	N	64.8	64.9	67.9	3.0	N	N	N	N
PN1012	70	16	85.45	59.8	N	64.9	64.6	67.8	3.2	N	N	N	N
PN1012	70	17	88.60	59.9	N	64.9	64.5	67.7	3.2	N	N	N	N
PN1013	70	1	38.20	62.5	N	63.0	70.6	71.3	0.7	N	N	N	N
PN1013	70	2	41.35	63.3	N	63.9	70.4	71.3	0.9	N	N	N	N
PN1013	70	3	44.50	63.7	N	64.3	70.1	71.1	1.0	N	N	Y	Y
PN1013	70	4	47.65	63.9	N	64.4	69.7	70.9	1.2	N	N	Y	Y
PN1013	70	5	50.80	64.0	N	64.5	69.4	70.6	1.2	N	N	Y	Y
PN1013	70	6	53.95	64.1	N	64.6	69.1	70.4	1.3	N	N	N	N
PN1013	70	7	57.10	64.1	N	64.6	68.8	70.2	1.4	N	N	N	N
PN1013	70	8	60.25	64.1	N	64.7	68.5	70.0	1.5	N	N	N	N
PN1013	70	9	63.40	64.1	N	64.7	68.3	69.9	1.6	N	N	N	N
PN1013	70	10	66.55	64.2	N	64.8	68.0	69.7	1.7	N	N	N	N
PN1013	70	11	69.70	64.3	N	64.9	67.8	69.6	1.8	N	N	N	N
PN1013	70	12	72.85	64.4	N	65.0	67.6	69.5	1.9	N	N	N	N
PN1013	70	13	76.00	64.4	N	65.1	67.4	69.4	2.0	N	N	N	N
PN1013	70	14	79.15	64.5	N	65.2	67.2	69.3	2.1	N	N	N	N
PN1013	70	15	82.30	64.5	N	65.2	67.1	69.2	2.1	N	N	N	N
PN1013	70	16	85.45	64.5	N	65.3	66.9	69.2	2.3	N	N	N	N
PN1013	70	17	88.60	64.4	N	65.3	66.8	69.1	2.3	N	N	N	N
PN1014	70	1	38.20	66.4	N	59.8	71.0	71.3	0.3	N	N	N	N
PN1014	70	2	41.35	67.3	N	61.0	71.1	71.5	0.4	N	Y	N	Y
PN1014	70	3	44.50	67.5	N	61.6	71.0	71.5	0.5	N	Y	N	Y
PN1014	70	4	47.65	67.5	N	62.0	70.8	71.4	0.6	N	N	N	N
PN1014	70	5	50.80	67.5	N	62.1	70.6	71.2	0.6	N	N	N	N
PN1014	70	6	53.95	67.5	N	62.2	70.4	71.0	0.6	N	N	N	N
PN1014	70	7	57.10	67.5	N	62.2	70.3	70.9	0.6	N	N	N	N
PN1014	70	8	60.25	67.5	N	62.2	70.1	70.7	0.6	N	N	N	N
PN1014	70	9	63.40	67.5	N	62.3	69.9	70.6	0.7	N	N	N	N

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
PN1014	70	10	66.55	67.5	N	62.4	69.7	70.5	0.8	N	N	N	N
PN1014	70	11	69.70	67.4	N	62.5	69.6	70.3	0.7	N	N	N	N
PN1014	70	12	72.85	67.4	N	62.6	69.4	70.2	0.8	N	N	N	N
PN1014	70	13	76.00	67.4	N	62.6	69.3	70.1	0.8	N	N	N	N
PN1014	70	14	79.15	67.4	N	62.7	69.1	70.0	0.9	N	N	N	N
PN1014	70	15	82.30	67.3	N	62.8	69.0	70.0	1.0	N	N	N	N
PN1014	70	16	85.45	67.3	N	62.9	68.9	69.9	1.0	N	N	N	N
PN1200	70	1	11.7	64.7	N	63.7	60.0	65.3	5.3	N	N	N	N
PN1200	70	2	14.7	64.5	N	63.5	59.7	65.0	5.3	N	N	N	N
PN1200	70	3	17.7	64.2	N	63.3	59.4	64.8	5.4	N	N	N	N
PN1200	70	4	20.7	63.9	N	63.1	59.0	64.5	5.5	N	N	N	N
PN1200	70	5	23.7	63.7	N	62.8	58.6	64.2	5.6	N	N	N	N
PN1200	70	6	26.7	63.4	N	62.6	58.2	64.0	5.8	N	N	N	N
PN1200	70	7	29.7	63.1	N	62.4	57.9	63.7	5.8	N	N	N	N
PN1200	70	8	32.7	62.8	N	62.2	57.5	63.5	6.0	N	N	N	N
PN1200	70	9	35.7	62.6	N	62.0	57.2	63.3	6.1	N	N	N	N
PN1200	70	10	38.7	62.4	N	61.9	56.8	63.0	6.2	N	N	N	N
PN1200	70	11	41.7	62.1	N	61.7	56.5	62.8	6.3	N	N	N	N
PN1200	70	12	44.7	61.9	N	61.5	56.3	62.7	6.4	N	N	N	N
PN1200	70	13	47.7	61.7	N	61.4	56.0	62.5	6.5	N	N	N	N
PN1200	70	14	50.7	61.4	N	61.3	55.7	62.3	6.6	N	N	N	N
PN1200	70	15	53.7	61.3	N	61.1	55.5	62.2	6.7	N	N	N	N
PN1200	70	16	56.7	61.1	N	61.0	55.2	62.0	6.8	N	N	N	N
PN1200	70	17	59.7	60.9	N	60.9	55.0	61.9	6.9	N	N	N	N
PN1200	70	18	62.7	60.7	N	60.7	54.8	61.7	6.9	N	N	N	N
PN1200	70	19	65.7	60.6	N	60.6	54.6	61.6	7.0	N	N	N	N
PN1200	70	20	68.7	60.4	N	60.5	54.4	61.5	7.1	N	N	N	N
PN1200	70	21	71.7	60.3	N	60.4	54.2	61.4	7.2	N	N	N	N
PN1200	70	22	74.7	60.1	N	60.3	54.0	61.2	7.2	N	N	N	N
PN1200	70	23	77.7	60.0	N	60.2	53.8	61.1	7.3	N	N	N	N
PN1200	70	24	80.7	59.9	N	60.1	53.7	61.0	7.3	N	N	N	N
PN1200	70	25	83.7	59.7	N	60.0	53.5	60.9	7.4	N	N	N	N
PN1200	70	26	86.7	59.6	N	59.9	53.3	60.8	7.5	N	N	N	N
PN1200	70	27	89.7	59.5	N	59.9	53.2	60.7	7.5	N	N	N	N
PN1201	70	1	11.7	67.1	N	53.9	67.4	67.6	0.2	N	N	N	N
PN1201	70	2	14.7	67.2	N	54.9	67.5	67.7	0.2	N	N	N	N
PN1201	70	3	17.7	67.2	N	55.6	67.5	67.7	0.2	N	N	N	N
PN1201	70	4	20.7	67.2	N	56.0	67.5	67.8	0.3	N	N	N	N
PN1201	70	5	23.7	67.2	N	56.4	67.5	67.8	0.3	N	N	N	N
PN1201	70	6	26.7	67.3	N	56.6	67.5	67.9	0.4	N	N	N	N
PN1201	70	7	29.7	67.4	N	56.8	67.6	68.0	0.4	N	N	N	N
PN1201	70	8	32.7	67.5	N	56.8	67.7	68.1	0.4	N	N	N	N
PN1201	70	9	35.7	67.5	N	57.0	67.8	68.1	0.3	N	N	N	N
PN1201	70	10	38.7	67.6	N	57.0	67.8	68.1	0.3	N	N	N	N
PN1201	70	11	41.7	67.6	N	57.0	67.8	68.2	0.4	N	N	N	N
PN1201	70	12	44.7	67.6	N	57.0	67.8	68.2	0.4	N	N	N	N
PN1201	70	13	47.7	67.6	N	57.0	67.8	68.2	0.4	N	N	N	N
PN1201	70	14	50.7	67.5	N	57.0	67.8	68.1	0.3	N	N	N	N
PN1201	70	15	53.7	67.5	N	57.1	67.7	68.1	0.4	N	N	N	N
PN1201	70	16	56.7	67.5	N	57.1	67.7	68.1	0.4	N	N	N	N
PN1201	70	17	59.7	67.5	N	57.0	67.7	68.0	0.3	N	N	N	N
PN1201	70	18	62.7	67.4	N	57.0	67.6	68.0	0.4	N	N	N	N
PN1201	70	19	65.7	67.4	N	57.0	67.6	68.0	0.4	N	N	N	N
PN1201	70	20	68.7	67.4	N	57.0	67.6	67.9	0.3	N	N	N	N
PN1201	70	21	71.7	67.4	N	57.0	67.5	67.9	0.4	N	N	N	N
PN1201	70	22	74.7	67.3	N	57.0	67.5	67.9	0.4	N	N	N	N
PN1201	70	23	77.7	67.3	N	57.0	67.5	67.9	0.4	N	N	N	N
PN1201	70	24	80.7	67.3	N	57.0	67.5	67.9	0.4	N	N	N	N
PN1201	70	25	83.7	67.3	N	57.0	67.4	67.8	0.4	N	N	N	N
PN1201	70	26	86.7	67.3	N	57.0	67.5	67.8	0.3	N	N	N	N
PN1201	70	27	89.7	67.3	N	57.0	67.5	67.9	0.4	N	N	N	N
PN1202	70	1	11.7	67.6	N	53.8	67.8	68.0	0.2	N	N	N	N
PN1202	70	2	14.7	67.7	N	54.6	67.9	68.1	0.2	N	N	N	N
PN1202	70	3	17.7	67.8	N	55.1	68.0	68.3	0.3	N	N	N	N
PN1202	70	4	20.7	68.0	N	55.6	68.2	68.4	0.2	N	N	N	N
PN1202	70	5	23.7	68.1	N	55.9	68.4	68.6	0.2	N	N	N	N
PN1202	70	6	26.7	68.2	N	56.2	68.5	68.7	0.2	N	N	N	N
PN1202	70	7	29.7	68.4	N	56.4	68.6	68.8	0.2	N	N	N	N
PN1202	70	8	32.7	68.5	N	56.6	68.7	69.0	0.3	N	N	N	N
PN1202	70	9	35.7	68.6	N	56.8	68.8	69.1	0.3	N	N	N	N
PN1202	70	10	38.7	68.6	N	56.9	68.8	69.1	0.3	N	N	N	N
PN1202	70	11	41.7	68.7	N	57.1	68.9	69.2	0.3	N	N	N	N
PN1202	70	12	44.7	68.7	N	57.2	69.0	69.2	0.2	N	N	N	N
PN1202	70	13	47.7	68.8	N	57.3	69.0	69.3	0.3	N	N	N	N
PN1202	70	14	50.7	68.8	N	57.4	69.0	69.3	0.3	N	N	N	N
PN1202	70	15	53.7	68.8	N	57.4	69.0	69.3	0.3	N	N	N	N
PN1202	70	16	56.7	68.8	N	57.4	69.0	69.3	0.3	N	N	N	N
PN1202	70	17	59.7	68.8	N	57.5	69.0	69.3	0.3	N	N	N	N
PN1202	70	18	62.7	68.8	N	57.5	69.0	69.3	0.3	N	N	N	N
PN1202	70	19	65.7	68.8	N	57.5	69.0	69.3	0.3	N	N	N	N
PN1202	70	20	68.7	68.8	N	57.5	68.9	69.2	0.3	N	N	N	N
PN1202	70	21	71.7	68.7	N	57.5	68.9	69.2	0.3	N	N	N	N
PN1202	70	22	74.7	68.7	N	57.5	68.8	69.2	0.4	N	N	N	N
PN1202	70	23	77.7	68.6	N	57.5	68.8	69.1	0.3	N	N	N	N
PN1202	70	24	80.7	68.6	N	57.5	68.8	69.1	0.3	N	N	N	N
PN1202	70	25	83.7	68.6	N	57.5	68.7	69.1	0.4	N	N	N	N
PN1202	70	26	86.7	68.6	N	57.5	68.7	69.0	0.3	N	N	N	N
PN1202	70	27	89.7	68.6	N	57.6	68.7	69.0	0.3	N	N	N	N
PN1203	70	1	11.7	33.3	N	0.0	33.0	33.0	0.0	N	N	N	N
PN1203	70	2	14.7	33.2	N	0.0	32.9	32.9	0.0	N	N	N	N
PN1203	70	3	17.7	33.0	N	0.0	32.8	32.8	0.0	N	N	N	N
PN1203	70	4	20.7	32.9	N	0.0	32.7	32.7	0.0	N	N	N	N
PN1203	70	5	23.7	32.8	N	0.0	32.5	32.5	0.0	N	N	N	N
PN1203	70	6	26.7	32.6	N	0.0	32.4	32.4	0.0	N	N	N	N
PN1203	70	7	29.7	32.4	N	0.0	32.2	32.2	0.0	N	N	N	N
PN1203	70	8	32.7	32.3	N	0.0	32.1	32.1	0.0	N	N	N	N
PN1203	70	9	35.7	32.2	N	0.0	32.0	32.0	0.0	N	N	N	N
PN1203	70	10	38.7	32.1	N	0.0	31.8	31.8	0.0	N	N	N	N

				Without Project		With Project (Unmitigated)							
AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
PN1203	70	11	41.7	32.0	N	0.0	31.7	31.7	0.0	N	N	N	N
PN1203	70	12	44.7	31.9	N	0.0	31.6	31.6	0.0	N	N	N	N
PN1203	70	13	47.7	31.8	N	0.0	31.5	31.5	0.0	N	N	N	N
PN1203	70	14	50.7	31.7	N	0.0	31.4	31.4	0.0	N	N	N	N
PN1203	70	15	53.7	31.6	N	0.0	31.3	31.3	0.0	N	N	N	N
PN1203	70	16	56.7	31.5	N	0.0	31.2	31.2	0.0	N	N	N	N
PN1203	70	17	59.7	31.4	N	0.0	31.2	31.2	0.0	N	N	N	N
PN1203	70	18	62.7	31.3	N	0.0	31.1	31.1	0.0	N	N	N	N
PN1203	70	19	65.7	31.2	N	0.0	31.0	31.0	0.0	N	N	N	N
PN1203	70	20	68.7	31.2	N	0.0	30.9	30.9	0.0	N	N	N	N
PN1203	70	21	71.7	31.1	N	0.0	30.8	30.8	0.0	N	N	N	N
PN1203	70	22	74.7	31.0	N	0.0	30.8	30.8	0.0	N	N	N	N
PN1203	70	23	77.7	31.0	N	0.0	30.7	30.7	0.0	N	N	N	N
PN1203	70	24	80.7	31.0	N	0.0	30.8	30.8	0.0	N	N	N	N
PN1203	70	25	83.7	31.1	N	0.0	30.9	30.9	0.0	N	N	N	N
PN1203	70	26	86.7	31.2	N	0.0	30.9	30.9	0.0	N	N	N	N
PN1203	70	27	89.7	31.2	N	0.0	31.0	31.0	0.0	N	N	N	N
PN1204	70	1	11.7	69.1	N	56.4	68.8	69.0	0.2	N	N	N	N
PN1204	70	2	14.7	69.1	N	56.3	68.8	69.0	0.2	N	N	N	N
PN1204	70	3	17.7	69.1	N	56.2	68.7	69.0	0.3	N	N	N	N
PN1204	70	4	20.7	69.0	N	56.1	68.7	68.9	0.2	N	N	N	N
PN1204	70	5	23.7	69.0	N	56.0	68.6	68.8	0.2	N	N	N	N
PN1204	70	6	26.7	68.9	N	55.9	68.5	68.8	0.3	N	N	N	N
PN1204	70	7	29.7	68.9	N	55.9	68.5	68.7	0.2	N	N	N	N
PN1204	70	8	32.7	68.8	N	55.8	68.5	68.7	0.2	N	N	N	N
PN1204	70	9	35.7	68.8	N	55.7	68.5	68.7	0.2	N	N	N	N
PN1204	70	10	38.7	68.8	N	55.6	68.4	68.7	0.3	N	N	N	N
PN1204	70	11	41.7	68.8	N	55.5	68.4	68.7	0.3	N	N	N	N
PN1204	70	12	44.7	68.7	N	55.4	68.4	68.6	0.2	N	N	N	N
PN1204	70	13	47.7	68.7	N	55.3	68.4	68.6	0.2	N	N	N	N
PN1204	70	14	50.7	68.6	N	55.2	68.3	68.5	0.2	N	N	N	N
PN1204	70	15	53.7	68.6	N	55.1	68.2	68.4	0.2	N	N	N	N
PN1204	70	16	56.7	68.5	N	54.9	68.1	68.3	0.2	N	N	N	N
PN1204	70	17	59.7	68.4	N	54.8	68.1	68.3	0.2	N	N	N	N
PN1204	70	18	62.7	68.4	N	54.7	68.0	68.2	0.2	N	N	N	N
PN1204	70	19	65.7	68.2	N	54.6	67.9	68.1	0.2	N	N	N	N
PN1204	70	20	68.7	68.2	N	54.5	67.8	68.0	0.2	N	N	N	N
PN1204	70	21	71.7	68.1	N	54.4	67.7	67.9	0.2	N	N	N	N
PN1204	70	22	74.7	68.0	N	54.3	67.6	67.8	0.2	N	N	N	N
PN1204	70	23	77.7	67.9	N	54.2	67.5	67.7	0.2	N	N	N	N
PN1204	70	24	80.7	67.8	N	54.1	67.4	67.6	0.2	N	N	N	N
PN1204	70	25	83.7	67.7	N	54.0	67.3	67.5	0.2	N	N	N	N
PN1204	70	26	86.7	67.7	N	54.0	67.3	67.5	0.2	N	N	N	N
PN1204	70	27	89.7	67.6	N	53.9	67.2	67.4	0.2	N	N	N	N
PN1205	70	1	11.7	42.8	N	30.4	42.7	42.9	0.2	N	N	N	N
PN1205	70	2	14.7	42.8	N	30.4	42.7	42.9	0.2	N	N	N	N
PN1205	70	3	17.7	42.8	N	30.3	42.6	42.9	0.3	N	N	N	N
PN1205	70	4	20.7	42.8	N	30.3	42.6	42.9	0.3	N	N	N	N
PN1205	70	5	23.7	42.8	N	30.3	42.6	42.9	0.3	N	N	N	N
PN1205	70	6	26.7	42.7	N	30.3	42.6	42.8	0.2	N	N	N	N
PN1205	70	7	29.7	42.7	N	30.3	42.5	42.8	0.3	N	N	N	N
PN1205	70	8	32.7	42.6	N	30.2	42.5	42.7	0.2	N	N	N	N
PN1205	70	9	35.7	42.6	N	30.2	42.4	42.7	0.3	N	N	N	N
PN1205	70	10	38.7	42.6	N	30.2	42.4	42.7	0.3	N	N	N	N
PN1205	70	11	41.7	42.5	N	30.1	42.3	42.6	0.3	N	N	N	N
PN1205	70	12	44.7	42.5	N	30.1	42.3	42.6	0.3	N	N	N	N
PN1205	70	13	47.7	42.4	N	30.1	42.2	42.5	0.3	N	N	N	N
PN1205	70	14	50.7	42.3	N	30.0	42.2	42.4	0.2	N	N	N	N
PN1205	70	15	53.7	42.3	N	30.0	42.1	42.4	0.3	N	N	N	N
PN1205	70	16	56.7	42.2	N	29.9	42.0	42.3	0.3	N	N	N	N
PN1205	70	17	59.7	42.1	N	29.9	42.0	42.2	0.2	N	N	N	N
PN1205	70	18	62.7	42.1	N	29.8	41.9	42.2	0.3	N	N	N	N
PN1205	70	19	65.7	42.0	N	29.8	41.8	42.1	0.3	N	N	N	N
PN1205	70	20	68.7	41.9	N	29.7	41.8	42.0	0.2	N	N	N	N
PN1205	70	21	71.7	41.9	N	29.7	41.7	42.0	0.3	N	N	N	N
PN1205	70	22	74.7	41.8	N	29.6	41.6	41.9	0.3	N	N	N	N
PN1205	70	23	77.7	41.7	N	29.6	41.6	41.9	0.3	N	N	N	N
PN1205	70	24	80.7	41.7	N	29.5	41.5	41.8	0.3	N	N	N	N
PN1205	70	25	83.7	41.6	N	29.6	41.4	41.7	0.3	N	N	N	N
PN1205	70	26	86.7	42.6	N	31.0	42.5	42.8	0.3	N	N	N	N
PN1205	70	27	89.7	45.1	N	34.0	45.0	45.3	0.3	N	N	N	N
PN1206	70	1	11.7	64.9	N	55.0	64.9	65.3	0.4	N	N	N	N
PN1206	70	2	14.7	64.7	N	55.1	64.7	65.2	0.5	N	N	N	N
PN1206	70	3	17.7	64.5	N	55.2	64.4	64.9	0.5	N	N	N	N
PN1206	70	4	20.7	64.2	N	55.3	64.1	64.7	0.6	N	N	N	N
PN1206	70	5	23.7	63.9	N	55.4	63.8	64.4	0.6	N	N	N	N
PN1206	70	6	26.7	63.6	N	55.5	63.5	64.1	0.6	N	N	N	N
PN1206	70	7	29.7	63.4	N	55.5	63.2	63.9	0.7	N	N	N	N
PN1206	70	8	32.7	63.1	N	55.6	62.9	63.6	0.7	N	N	N	N
PN1206	70	9	35.7	62.8	N	55.6	62.6	63.4	0.8	N	N	N	N
PN1206	70	10	38.7	62.6	N	55.6	62.3	63.1	0.8	N	N	N	N
PN1206	70	11	41.7	62.4	N	55.6	62.0	62.9	0.9	N	N	N	N
PN1206	70	12	44.7	62.1	N	55.6	61.8	62.7	0.9	N	N	N	N
PN1206	70	13	47.7	61.9	N	55.6	61.5	62.5	1.0	N	N	N	N
PN1206	70	14	50.7	61.7	N	55.6	61.2	62.3	1.1	N	N	N	N
PN1206	70	15	53.7	61.5	N	55.6	61.0	62.1	1.1	N	N	N	N
PN1206	70	16	56.7	61.3	N	55.6	60.8	61.9	1.1	N	N	N	N
PN1206	70	17	59.7	61.1	N	55.6	60.6	61.8	1.2	N	N	N	N
PN1206	70	18	62.7	61.0	N	55.6	60.4	61.6	1.2	N	N	N	N
PN1206	70	19	65.7	60.8	N	55.6	60.2	61.5	1.3	N	N	N	N
PN1206	70	20	68.7	60.7	N	55.6	60.0	61.3	1.3	N	N	N	N
PN1206	70	21	71.7	60.5	N	55.6	59.8	61.2	1.4	N	N	N	N
PN1206	70	22	74.7	60.4	N	55.6	59.6	61.1	1.5	N	N	N	N
PN1206	70	23	77.7	60.2	N	55.5	59.4	60.9	1.5	N	N	N	N
PN1206	70	24	80.7	60.1	N	55.5	59.3	60.8	1.5	N	N	N	N
PN1206	70	25	83.7	60.0	N	55.5	59.1	60.7	1.6	N	N	N	N
PN1206	70	26	86.7	59.9	N	55.5	59.0	60.6	1.6	N	N	N	N
PN1206	70	27	89.7	59.8	N	55.5	58.8	60.5	1.7	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project exceeds (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
PN1206	70	28	92.7	59.7	N	55.5	58.7	60.4	1.7	N	N	N	N
PN1206	70	29	95.7	59.6	N	55.5	58.5	60.3	1.8	N	N	N	N
PN1207	70	1	11.7	67.9	N	57.6	67.7	68.1	0.4	N	N	N	N
PN1207	70	2	14.7	67.9	N	57.8	67.8	68.2	0.4	N	N	N	N
PN1207	70	3	17.7	68.0	N	58.0	67.9	68.3	0.4	N	N	N	N
PN1207	70	4	20.7	68.1	N	58.0	68.0	68.4	0.4	N	N	N	N
PN1207	70	5	23.7	68.1	N	58.2	68.0	68.4	0.4	N	N	N	N
PN1207	70	6	26.7	68.2	N	58.2	68.1	68.5	0.4	N	N	N	N
PN1207	70	7	29.7	68.2	N	58.3	68.2	68.6	0.4	N	N	N	N
PN1207	70	8	32.7	68.3	N	58.3	68.2	68.6	0.4	N	N	N	N
PN1207	70	9	35.7	68.3	N	58.3	68.2	68.7	0.5	N	N	N	N
PN1207	70	10	38.7	68.3	N	58.4	68.3	68.7	0.4	N	N	N	N
PN1207	70	11	41.7	68.3	N	58.4	68.3	68.7	0.4	N	N	N	N
PN1207	70	12	44.7	68.3	N	58.4	68.3	68.7	0.4	N	N	N	N
PN1207	70	13	47.7	68.4	N	58.3	68.3	68.7	0.4	N	N	N	N
PN1207	70	14	50.7	68.3	N	58.3	68.3	68.7	0.4	N	N	N	N
PN1207	70	15	53.7	68.3	N	58.3	68.3	68.7	0.4	N	N	N	N
PN1207	70	16	56.7	68.3	N	58.3	68.2	68.7	0.5	N	N	N	N
PN1207	70	17	59.7	68.3	N	58.3	68.2	68.7	0.5	N	N	N	N
PN1207	70	18	62.7	68.2	N	58.2	68.2	68.6	0.4	N	N	N	N
PN1207	70	19	65.7	68.2	N	58.2	68.1	68.6	0.5	N	N	N	N
PN1207	70	20	68.7	68.2	N	58.2	68.1	68.5	0.4	N	N	N	N
PN1207	70	21	71.7	68.1	N	58.1	68.1	68.5	0.4	N	N	N	N
PN1207	70	22	74.7	68.1	N	58.1	68.0	68.5	0.5	N	N	N	N
PN1207	70	23	77.7	68.0	N	58.0	67.9	68.4	0.5	N	N	N	N
PN1207	70	24	80.7	68.0	N	58.0	67.9	68.3	0.4	N	N	N	N
PN1207	70	25	83.7	67.9	N	57.9	67.8	68.3	0.5	N	N	N	N
PN1207	70	26	86.7	67.9	N	57.9	67.8	68.2	0.4	N	N	N	N
PN1207	70	27	89.7	67.8	N	57.9	67.7	68.2	0.5	N	N	N	N
PN1207	70	28	92.7	67.7	N	57.8	67.7	68.1	0.4	N	N	N	N
PN1207	70	29	95.7	67.7	N	57.8	67.7	68.1	0.4	N	N	N	N
PN1208	70	1	11.7	69.2	N	58.1	69.1	69.4	0.3	N	N	N	N
PN1208	70	2	14.7	69.3	N	58.2	69.2	69.6	0.4	N	N	N	N
PN1208	70	3	17.7	69.4	N	58.3	69.3	69.6	0.3	N	N	N	N
PN1208	70	4	20.7	69.4	N	58.4	69.4	69.7	0.3	N	N	N	N
PN1208	70	5	23.7	69.5	N	58.4	69.4	69.8	0.4	N	N	N	N
PN1208	70	6	26.7	69.5	N	58.5	69.5	69.8	0.3	N	N	N	N
PN1208	70	7	29.7	69.6	N	58.5	69.6	69.9	0.3	N	N	N	N
PN1208	70	8	32.7	69.6	N	58.5	69.6	69.9	0.3	N	N	N	N
PN1208	70	9	35.7	69.7	N	58.5	69.6	69.9	0.3	N	N	N	N
PN1208	70	10	38.7	69.6	N	58.6	69.6	69.9	0.3	N	N	N	N
PN1208	70	11	41.7	69.7	N	58.6	69.6	70.0	0.4	N	N	N	N
PN1208	70	12	44.7	69.6	N	58.7	69.6	69.9	0.3	N	N	N	N
PN1208	70	13	47.7	69.6	N	58.7	69.6	69.9	0.3	N	N	N	N
PN1208	70	14	50.7	69.6	N	58.7	69.6	69.9	0.3	N	N	N	N
PN1208	70	15	53.7	69.5	N	58.7	69.5	69.9	0.4	N	N	N	N
PN1208	70	16	56.7	69.5	N	58.7	69.4	69.8	0.4	N	N	N	N
PN1208	70	17	59.7	69.5	N	58.7	69.4	69.8	0.4	N	N	N	N
PN1208	70	18	62.7	69.4	N	58.7	69.4	69.7	0.3	N	N	N	N
PN1208	70	19	65.7	69.4	N	58.7	69.3	69.7	0.4	N	N	N	N
PN1208	70	20	68.7	69.3	N	58.6	69.3	69.6	0.3	N	N	N	N
PN1208	70	21	71.7	69.3	N	58.6	69.2	69.6	0.4	N	N	N	N
PN1208	70	22	74.7	69.2	N	58.6	69.2	69.5	0.3	N	N	N	N
PN1208	70	23	77.7	69.2	N	58.6	69.1	69.5	0.4	N	N	N	N
PN1208	70	24	80.7	69.1	N	58.5	69.1	69.4	0.3	N	N	N	N
PN1208	70	25	83.7	69.1	N	58.5	69.0	69.4	0.4	N	N	N	N
PN1208	70	26	86.7	69.0	N	58.5	69.0	69.3	0.3	N	N	N	N
PN1208	70	27	89.7	69.0	N	58.5	68.9	69.3	0.4	N	N	N	N
PN1208	70	28	92.7	68.9	N	58.4	68.9	69.3	0.4	N	N	N	N
PN1208	70	29	95.7	68.9	N	58.4	68.8	69.2	0.4	N	N	N	N
PN2661	70	1	20.7	68.7	N	60.0	67.6	68.3	0.7	N	N	N	N
PN2661	70	2	23.7	68.5	N	60.0	67.4	68.1	0.7	N	N	N	N
PN2661	70	3	26.7	68.3	N	60.0	67.1	67.9	0.8	N	N	N	N
PN2661	70	4	29.7	68.1	N	60.0	66.9	67.7	0.8	N	N	N	N
PN2661	70	5	32.7	67.9	N	60.0	66.7	67.5	0.8	N	N	N	N
PN2661	70	6	35.7	67.7	N	60.0	66.5	67.3	0.8	N	N	N	N
PN2661	70	7	38.7	67.5	N	60.0	66.2	67.2	1.0	N	N	N	N
PN2661	70	8	41.7	67.4	N	60.0	66.0	67.0	1.0	N	N	N	N
PN2661	70	9	44.7	67.2	N	60.0	65.9	66.8	0.9	N	N	N	N
PN2661	70	10	47.7	67.0	N	60.0	65.6	66.7	1.1	N	N	N	N
PN2661	70	11	50.7	66.9	N	59.9	65.5	66.5	1.0	N	N	N	N
PN2661	70	12	53.7	66.8	N	59.9	65.3	66.4	1.1	N	N	N	N
PN2661	70	13	56.7	66.6	N	59.9	65.1	66.3	1.2	N	N	N	N
PN2661	70	14	59.7	66.5	N	59.9	65.0	66.2	1.2	N	N	N	N
PN2661	70	15	62.7	66.4	N	59.9	64.8	66.0	1.2	N	N	N	N
PN2662	70	1	20.7	70.7	Y	60.0	70.1	70.5	0.4	N	N	N	N
PN2662	70	2	23.7	70.5	Y	60.2	70.1	70.5	0.4	N	N	N	N
PN2662	70	3	26.7	70.4	N	60.2	69.9	70.3	0.4	N	N	N	N
PN2662	70	4	29.7	70.2	N	60.2	69.7	70.1	0.4	N	N	N	N
PN2662	70	5	32.7	70.1	N	60.2	69.5	70.0	0.5	N	N	N	N
PN2662	70	6	35.7	69.9	N	60.2	69.2	69.8	0.6	N	N	N	N
PN2662	70	7	38.7	69.8	N	60.2	69.1	69.6	0.5	N	N	N	N
PN2662	70	8	41.7	69.6	N	60.2	68.9	69.4	0.5	N	N	N	N
PN2662	70	9	44.7	69.5	N	60.2	68.7	69.3	0.6	N	N	N	N
PN2662	70	10	47.7	69.4	N	60.2	68.5	69.1	0.6	N	N	N	N
PN2662	70	11	50.7	69.3	N	60.2	68.3	69.0	0.7	N	N	N	N
PN2662	70	12	53.7	69.2	N	60.2	68.2	68.8	0.6	N	N	N	N
PN2662	70	13	56.7	69.1	N	60.2	68.1	68.7	0.6	N	N	N	N
PN2662	70	14	59.7	69.0	N	60.1	67.9	68.6	0.7	N	N	N	N
PN2662	70	15	62.7	68.9	N	60.1	67.8	68.5	0.7	N	N	N	N
PN2663	70	1	20.7	71.8	Y	62.6	69.9	70.6	0.7	N	N	N	N
PN2663	70	2	23.7	71.7	Y	62.5	69.7	70.5	0.8	N	N	N	N
PN2663	70	3	26.7	71.6	Y	62.5	69.6	70.3	0.7	N	N	N	N
PN2663	70	4	29.7	71.4	Y	62.5	69.3	70.2	0.9	N	N	N	N
PN2663	70	5	32.7	71.2	Y	62.5	69.1	70.0	0.9	N	N	N	N
PN2663	70	6	35.7	71.0	Y	62.5	68.9	69.8	0.9	N	N	N	N
PN2663	70	7	38.7	70.9	Y	62.5	68.7	69.6	0.9	N	N	N	N
PN2663	70	8	41.7	70.6	Y	62.5	68.5	69.4	0.9	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (1)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) exceeds the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
				Without Project		With Project (Unmitigated)							
PN2663	70	9	44.7	70.5	Y	62.5	68.3	69.3	1.0	N	N	N	N
PN2663	70	10	47.7	70.3	N	62.4	68.1	69.1	1.0	N	N	N	N
PN2663	70	11	50.7	70.2	N	62.4	67.9	69.0	1.1	N	N	N	N
PN2663	70	12	53.7	70.0	N	62.4	67.7	68.8	1.1	N	N	N	N
PN2663	70	13	56.7	69.9	N	62.4	67.6	68.7	1.1	N	N	N	N
PN2663	70	14	59.7	69.8	N	62.4	67.4	68.6	1.2	N	N	N	N
PN2663	70	15	62.7	69.6	N	62.3	67.2	68.4	1.2	N	N	N	N
PN2664	70	1	20.7	75.2	Y	67.3	72.9	73.9	1.0	N	N	Y	Y
PN2664	70	2	23.7	75.0	Y	67.2	72.6	73.7	1.1	N	N	Y	Y
PN2664	70	3	26.7	74.8	Y	67.1	72.4	73.5	1.1	N	N	Y	Y
PN2664	70	4	29.7	74.5	Y	66.9	72.1	73.3	1.2	N	N	Y	Y
PN2664	70	5	32.7	74.3	Y	66.7	71.8	73.0	1.2	N	N	Y	Y
PN2664	70	6	35.7	74.1	Y	66.6	71.6	72.8	1.2	N	N	Y	Y
PN2664	70	7	38.7	73.9	Y	66.4	71.4	72.6	1.2	N	N	Y	Y
PN2664	70	8	41.7	73.7	Y	66.3	71.2	72.4	1.2	N	N	Y	Y
PN2664	70	9	44.7	73.5	Y	66.1	70.9	72.2	1.3	N	N	Y	Y
PN2664	70	10	47.7	73.2	Y	65.9	70.7	71.9	1.2	N	N	Y	Y
PN2664	70	11	50.7	73.0	Y	65.8	70.5	71.8	1.3	N	N	Y	Y
PN2664	70	12	53.7	72.9	Y	65.6	70.3	71.5	1.2	N	N	Y	Y
PN2664	70	13	56.7	72.7	Y	65.4	70.1	71.4	1.3	N	N	Y	Y
PN2664	70	14	59.7	72.5	Y	65.3	69.9	71.2	1.3	N	N	Y	Y
PN2664	70	15	62.7	72.3	Y	65.2	69.7	71.0	1.3	N	N	Y	Y
PN2665	70	1	20.7	75.4	Y	67.1	73.4	74.3	0.9	N	N	N	N
PN2665	70	2	23.7	75.2	Y	66.9	73.2	74.1	0.9	N	N	N	N
PN2665	70	3	26.7	74.9	Y	66.7	73.0	73.9	0.9	N	N	N	N
PN2665	70	4	29.7	74.7	Y	66.5	72.7	73.6	0.9	N	N	N	N
PN2665	70	5	32.7	74.5	Y	66.3	72.5	73.4	0.9	N	N	N	N
PN2665	70	6	35.7	74.3	Y	66.0	72.3	73.2	0.9	N	N	N	N
PN2665	70	7	38.7	74.1	Y	65.9	72.1	73.0	0.9	N	N	N	N
PN2665	70	8	41.7	73.9	Y	65.6	71.9	72.8	0.9	N	N	N	N
PN2665	70	9	44.7	73.7	Y	65.4	71.7	72.6	0.9	N	N	N	N
PN2665	70	10	47.7	73.5	Y	65.2	71.5	72.4	0.9	N	N	N	N
PN2665	70	11	50.7	73.3	Y	65.0	71.3	72.2	0.9	N	N	N	N
PN2665	70	12	53.7	73.1	Y	64.8	71.1	72.0	0.9	N	N	N	N
PN2665	70	13	56.7	72.9	Y	64.7	70.9	71.8	0.9	N	N	N	N
PN2665	70	14	59.7	72.7	Y	64.5	70.7	71.6	0.9	N	N	N	N
PN2665	70	15	62.7	72.6	Y	64.3	70.5	71.5	1.0	N	N	Y	Y
PN2681	70	1	10.2	0.0	N	59.2	0.0	59.2	59.2	N	N	N	N
PN2681	70	2	13.2	0.0	N	59.3	0.0	59.3	59.3	N	N	N	N
PN2681	70	3	16.2	0.0	N	59.3	0.0	59.3	59.3	N	N	N	N
PN2681	70	4	19.2	0.0	N	59.3	0.0	59.3	59.3	N	N	N	N
PN2681	70	5	22.2	0.0	N	59.4	0.0	59.4	59.4	N	N	N	N
PN2681	70	6	25.2	0.0	N	59.4	0.0	59.4	59.4	N	N	N	N
PN2681	70	7	28.2	0.0	N	59.4	0.0	59.4	59.4	N	N	N	N
PN2681	70	8	31.2	0.0	N	59.4	0.0	59.4	59.4	N	N	N	N
PN2681	70	9	34.2	0.0	N	59.4	0.0	59.4	59.4	N	N	N	N
PN2682	70	1	10.2	54.1	N	60.3	53.9	61.2	7.3	N	N	N	N
PN2682	70	2	13.2	54.7	N	61.2	54.5	62.1	7.6	N	N	N	N
PN2682	70	3	16.2	55.1	N	61.6	54.8	62.5	7.7	N	N	N	N
PN2682	70	4	19.2	55.2	N	61.9	55.0	62.7	7.7	N	N	N	N
PN2682	70	5	22.2	55.4	N	62.1	55.1	62.9	7.8	N	N	N	N
PN2682	70	6	25.2	55.4	N	62.3	55.2	63.0	7.8	N	N	N	N
PN2682	70	7	28.2	55.5	N	62.5	55.2	63.2	8.0	N	N	N	N
PN2682	70	8	31.2	55.5	N	62.7	55.3	63.4	8.1	N	N	N	N
PN2682	70	9	34.2	55.5	N	62.9	55.3	63.6	8.3	N	N	N	N
PN2683	70	1	10.2	59.9	N	61.4	58.3	63.2	4.9	N	N	N	N
PN2683	70	2	13.2	60.4	N	62.4	59.0	64.1	5.1	N	N	N	N
PN2683	70	3	16.2	60.6	N	62.9	59.2	64.5	5.3	N	N	N	N
PN2683	70	4	19.2	60.6	N	63.4	59.3	64.9	5.6	N	N	N	N
PN2683	70	5	22.2	60.6	N	63.9	59.3	65.2	5.9	N	N	N	N
PN2683	70	6	25.2	60.5	N	64.3	59.3	65.5	6.2	N	N	N	N
PN2683	70	7	28.2	60.5	N	64.7	59.3	65.8	6.5	N	N	N	N
PN2683	70	8	31.2	60.4	N	65.0	59.2	66.0	6.8	N	N	N	N
PN2683	70	9	34.2	60.3	N	65.4	59.2	66.3	7.1	N	N	N	N
PN2683	70	10	37.2	60.2	N	65.8	59.1	66.6	7.5	N	N	N	N
PN2683	70	11	40.2	60.1	N	66.4	59.1	67.1	8.0	N	N	N	N
PN2683	70	12	43.2	60.0	N	66.7	59.0	67.4	8.4	N	N	N	N
PN2683	70	13	46.2	59.9	N	67.4	58.9	67.9	9.0	N	N	N	N
PN2683	70	14	49.2	59.8	N	67.9	58.9	68.5	9.6	N	N	N	N
PN2684	70	1	10.2	61.8	N	62.4	61.7	65.1	3.4	N	N	N	N
PN2684	70	2	13.2	62.1	N	63.3	62.0	65.7	3.7	N	N	N	N
PN2684	70	3	16.2	62.2	N	63.7	62.1	66.0	3.9	N	N	N	N
PN2684	70	4	19.2	62.2	N	64.2	62.1	66.3	4.2	N	N	N	N
PN2684	70	5	22.2	62.2	N	64.8	62.0	66.6	4.6	N	N	N	N
PN2684	70	6	25.2	62.1	N	65.2	62.0	66.9	4.9	N	N	N	N
PN2684	70	7	28.2	62.0	N	65.6	61.9	67.2	5.3	N	N	N	N
PN2684	70	8	31.2	61.9	N	66.0	61.8	67.4	5.6	N	N	N	N
PN2684	70	9	34.2	61.8	N	66.4	61.7	67.6	5.9	N	N	N	N
PN2684	70	10	37.2	61.7	N	66.9	61.7	68.0	6.3	N	N	N	N
PN2684	70	11	40.2	61.6	N	67.2	61.5	68.2	6.7	N	N	N	N
PN2684	70	12	43.2	61.5	N	67.7	61.5	68.6	7.1	N	N	N	N
PN2684	70	13	46.2	61.4	N	68.2	61.4	69.0	7.6	N	N	N	N
PN2684	70	14	49.2	61.3	N	68.7	61.3	69.4	8.1	N	N	N	N
PN2685	70	1	10.2	65.2	N	64.2	65.2	67.8	2.6	N	N	N	N
PN2685	70	2	13.2	65.2	N	64.8	65.2	68.0	2.8	N	N	N	N
PN2685	70	3	16.2	65.1	N	65.2	65.1	68.2	3.1	N	N	N	N
PN2685	70	4	19.2	65.0	N	65.6	65.0	68.3	3.3	N	N	N	N
PN2685	70	5	22.2	64.9	N	66.1	64.9	68.6	3.7	N	N	N	N
PN2685	70	6	25.2	64.7	N	66.6	64.8	68.8	4.0	N	N	N	N
PN2685	70	7	28.2	64.6	N	66.9	64.6	68.9	4.3	N	N	N	N
PN2685	70	8	31.2	64.5	N	67.3	64.4	69.1	4.7	N	N	N	N
PN2685	70	9	34.2	64.3	N	67.7	64.2	69.3	5.1	N	N	N	N
PN2685	70	10	37.2	64.1	N	68.0	64.0	69.5	5.5	N	N	N	N
PN2685	70	11	40.2	63.9	N	68.4	63.8	69.7	5.9	N	N	N	N
PN2685	70	12	43.2	63.7	N	68.8	63.6	70.0	6.4	N	N	N	N
PN2685	70	13	46.2	63.6	N	69.2	63.4	70.2	6.8	N	N	N	N
PN2685	70	14	49.2	63.5	N	69.5	63.3	70.4	7.1	N	N	N	N
PN2724	70	1	10.2	67.8	N	66.6	64.4	68.6	4.2	N	N	N	N

Appendix 4.6 Predicted Traffic Noise Level (Unmitigated)

AP ID	Noise Criteria, dB(A)	Floor	Assessment Height (mPD)	Without Project		With Project (Unmitigated)							
				Predicted traffic noise level, dB(A)	Traffic noise level exceeds the criteria	Predicted traffic noise level due to the road sections within the Project (i.e Project road) (1)	Predicted traffic noise level due to the road sections not within the Project (i.e. other road) (2)	Predicted overall traffic noise level (2)	Contribution from Project Road (2)-(1)	Predicted traffic noise level due to the road sections within the Project (i.e. Project road) the criteria by 1 dB(A) or more (a)	Overall traffic noise level exceeds the criteria by 1 dB(A) or more and predicted overall traffic noise level w/ Project greater than that without the road project by 1.0 dB(A) or more (b)	Exceeds standard and has significant contribution to the overall noise from other roads (c)	Direct mitigation measures required? (a) or (b) or (c)
PN2724	70	2	13.2	67.8	N	66.6	64.3	68.6	4.3	N	N	N	N
PN2724	70	3	16.2	67.7	N	66.6	64.3	68.6	4.3	N	N	N	N
PN2724	70	4	19.2	67.7	N	66.5	64.3	68.6	4.3	N	N	N	N
PN2724	70	5	22.2	67.6	N	66.5	64.2	68.5	4.3	N	N	N	N
PN2724	70	6	25.2	67.6	N	66.5	64.2	68.5	4.3	N	N	N	N
PN2724	70	7	28.2	67.5	N	66.4	64.2	68.4	4.2	N	N	N	N
PN2724	70	8	31.2	67.4	N	66.4	64.1	68.4	4.3	N	N	N	N
PN2724	70	9	34.2	67.4	N	66.3	64.1	68.4	4.3	N	N	N	N
PN2724	70	10	37.2	67.3	N	66.3	64.0	68.3	4.3	N	N	N	N
PN2724	70	11	40.2	67.2	N	66.2	64.0	68.2	4.2	N	N	N	N
PN2724	70	12	43.2	67.1	N	66.2	63.9	68.2	4.3	N	N	N	N
PN2724	70	13	46.2	67.1	N	66.1	63.9	68.1	4.2	N	N	N	N
PN2725	70	1	10.2	65.7	N	65.0	63.9	67.5	3.6	N	N	N	N
PN2725	70	2	13.2	65.6	N	65.1	63.9	67.5	3.6	N	N	N	N
PN2725	70	3	16.2	65.6	N	65.2	63.8	67.6	3.8	N	N	N	N
PN2725	70	4	19.2	65.6	N	65.3	63.8	67.6	3.8	N	N	N	N
PN2725	70	5	22.2	65.5	N	65.5	63.8	67.7	3.9	N	N	N	N
PN2725	70	6	25.2	65.5	N	65.6	63.7	67.8	4.1	N	N	N	N
PN2725	70	7	28.2	65.4	N	65.8	63.7	67.9	4.2	N	N	N	N
PN2725	70	8	31.2	65.4	N	66.0	63.6	68.0	4.4	N	N	N	N
PN2725	70	9	34.2	65.3	N	66.1	63.6	68.0	4.4	N	N	N	N
PN2725	70	10	37.2	65.2	N	66.3	63.5	68.1	4.6	N	N	N	N
PN2725	70	11	40.2	65.2	N	66.4	63.5	68.2	4.7	N	N	N	N
PN2725	70	12	43.2	65.1	N	66.6	63.4	68.3	4.9	N	N	N	N
PN2725	70	13	46.2	65.1	N	66.7	63.4	68.4	5.0	N	N	N	N