

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
1	101	22.4	1	70	74.0	74.0	32.9	0.0	No	2	2
1	101	25.4	2	70	75.7	75.7	34.8	0.0	No	2	2
1	101	28.4	3	70	75.9	75.9	36.9	0.0	No	2	2
1	101	31.4	4	70	75.8	75.8	39.3	0.0	No	2	2
1	101	34.4	5	70	75.6	75.6	41.9	0.0	No	2	2
1	101	37.4	6	70	75.5	75.5	44.5	0.0	No	2	2
1	101	40.4	7	70	75.4	75.4	47.4	0.0	No	2	2
1	101	43.4	8	70	75.5	75.5	50.7	0.0	No	2	2
1	101	46.4	9	70	75.7	75.7	53.0	0.0	No	2	2
1	101	49.4	10	70	75.8	75.8	53.8	0.0	No	2	2
1	101	52.4	11	70	75.7	75.7	54.2	0.0	No	2	2
1	101	55.4	12	70	75.6	75.6	54.3	0.0	No	2	2
1	101	58.4	13	70	75.5	75.5	54.4	0.0	No	2	2
1	101	61.4	14	70	75.4	75.4	54.5	0.0	No	2	2
1	101	64.4	15	70	75.3	75.3	54.6	0.0	No	2	2
1	101	67.4	16	70	75.2	75.2	54.7	0.0	No	2	2
1	101	70.4	17	70	75.2	75.2	54.7	0.0	No	2	2
1	101	73.4	18	70	75.1	75.1	54.8	0.0	No	2	2
1	101	76.4	19	70	75.0	75.0	54.9	0.0	No	2	2
1	101	79.4	20	70	75.0	75.0	55.0	0.0	No	2	2
1	101	82.4	21	70	75.0	75.0	55.0	0.0	No	2	2
1	101	85.4	22	70	75.0	75.0	55.0	0.0	No	2	2
1	101	88.4	23	70	74.9	74.9	55.1	0.0	No	2	2
1	101	91.4	24	70	74.9	74.9	55.1	0.0	No	2	2
1	101	94.4	25	70	74.8	74.8	55.2	0.0	No	2	2
1	101	97.4	26	70	74.8	74.8	55.2	0.0	No	2	2
1	101	100.4	27	70	74.7	74.7	55.2	0.0	No	2	2
1	101	103.4	28	70	74.7	74.7	55.2	0.0	No	2	2
1	101	106.4	29	70	74.6	74.6	55.2	0.0	No	2	2
1	101	109.4	30	70	74.6	74.6	55.2	0.0	No	2	2
1	101	112.4	31	70	74.6	74.5	55.3	0.1	No	2	2
1	101	115.4	32	70	74.6	74.5	55.2	0.1	No	2	2
1	102	22.4	1	70	69.7	69.7	33.3	0.0	No	2	0
1	102	25.4	2	70	72.6	72.6	35.2	0.0	No	2	2
1	102	28.4	3	70	74.4	74.4	37.3	0.0	No	2	2
1	102	31.4	4	70	75.1	75.1	39.6	0.0	No	2	2
1	102	34.4	5	70	75.6	75.6	42.3	0.0	No	2	2
1	102	37.4	6	70	75.9	75.9	44.7	0.0	No	2	2
1	102	40.4	7	70	76.1	76.1	47.6	0.0	No	2	2
1	102	43.4	8	70	76.4	76.4	50.6	0.0	No	2	2
1	102	46.4	9	70	76.5	76.5	53.0	0.0	No	2	2
1	102	49.4	10	70	76.6	76.6	54.0	0.0	No	2	2
1	102	52.4	11	70	76.5	76.5	54.4	0.0	No	2	2
1	102	55.4	12	70	76.5	76.5	54.6	0.0	No	2	2
1	102	58.4	13	70	76.4	76.4	54.7	0.0	No	2	2
1	102	61.4	14	70	76.4	76.4	54.8	0.0	No	2	2
1	102	64.4	15	70	76.3	76.3	54.9	0.0	No	2	2
1	102	67.4	16	70	76.2	76.2	55.0	0.0	No	2	2

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NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
1	102	70.4	17	70	76.1	76.1	55.1	0.0	No	2	2
1	102	73.4	18	70	76.1	76.1	55.1	0.0	No	2	2
1	102	76.4	19	70	76.0	76.0	55.2	0.0	No	2	2
1	102	79.4	20	70	75.9	75.9	55.2	0.0	No	2	2
1	102	82.4	21	70	75.8	75.8	55.3	0.0	No	2	2
1	102	85.4	22	70	75.8	75.8	55.4	0.0	No	2	2
1	102	88.4	23	70	75.7	75.7	55.4	0.0	No	2	2
1	102	91.4	24	70	75.7	75.7	55.4	0.0	No	2	2
1	102	94.4	25	70	75.6	75.6	55.5	0.0	No	2	2
1	102	97.4	26	70	75.5	75.5	55.5	0.0	No	2	2
1	102	100.4	27	70	75.4	75.4	55.5	0.0	No	2	2
1	102	103.4	28	70	75.4	75.4	55.5	0.0	No	2	2
1	102	106.4	29	70	75.3	75.3	55.5	0.0	No	2	2
1	102	109.4	30	70	75.2	75.2	55.6	0.0	No	2	2
1	102	112.4	31	70	75.2	75.2	55.6	0.0	No	2	2
1	102	115.4	32	70	75.1	75.1	55.6	0.0	No	2	2
2	201	9.6	1	65	76.4	76.4	56.6	0.0	No	3	3
2	201	12.6	2	65	76.8	76.8	56.9	0.0	No	3	3
2	201	15.6	3	65	77.0	77.0	57.0	0.0	No	3	3
2	201	18.6	4	65	77.1	77.1	57.2	0.0	No	3	3
2	201	21.6	5	65	77.2	77.2	57.4	0.0	No	3	3
2	201	24.6	6	65	77.2	77.2	57.4	0.0	No	3	3
2	202	9.6	1	65	75.8	75.7	56.8	0.1	No	3	3
2	202	12.6	2	65	76.2	76.1	57.1	0.1	No	3	3
2	202	15.6	3	65	76.3	76.2	57.1	0.1	No	3	3
2	202	18.6	4	65	76.4	76.3	57.3	0.1	No	3	3
2	202	21.6	5	65	76.5	76.4	57.4	0.1	No	3	3
2	202	24.6	6	65	76.5	76.4	57.4	0.1	No	3	3
2	203	9.6	1	65	72.1	72.1	36.5	0.0	No	2	2
2	203	12.6	2	65	72.5	72.5	38.3	0.0	No	2	2
2	203	15.6	3	65	72.6	72.6	40.4	0.0	No	2	2
2	203	18.6	4	65	72.8	72.8	43.0	0.0	No	2	2
2	203	21.6	5	65	73.0	73.0	46.2	0.0	No	2	2
2	203	24.6	6	65	73.2	73.2	49.9	0.0	No	2	2
3	301	9.6	1	65	80.7	80.7	60.5	0.0	No	2	2
3	301	12.6	2	65	81.0	81.0	60.7	0.0	No	2	2
3	301	15.6	3	65	81.0	81.0	61.0	0.0	No	2	2
3	301	18.6	4	65	80.9	80.8	61.5	0.1	No	2	2
3	301	21.6	5	65	80.8	80.7	61.8	0.1	No	2	2
3	301	24.6	6	65	80.5	80.4	62.0	0.1	No	2	2
3	302	9.6	1	65	80.8	80.8	61.0	0.0	No	2	2
3	302	12.6	2	65	81.1	81.1	61.3	0.0	No	2	2
3	302	15.6	3	65	81.1	81.1	61.7	0.0	No	2	2
3	302	18.6	4	65	81.1	81.0	62.4	0.1	No	2	2
3	302	21.6	5	65	81.1	81.0	62.6	0.1	No	2	2
3	302	24.6	6	65	80.9	80.8	62.9	0.1	No	2	2
3	303	9.6	1	65	80.6	80.6	61.1	0.0	No	2	2
3	303	12.6	2	65	80.9	80.9	61.4	0.0	No	2	2

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NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
3	303	15.6	3	65	81.2	81.1	62.0	0.1	No	2	2
3	303	18.6	4	65	81.2	81.1	63.1	0.1	No	2	2
3	303	21.6	5	65	81.3	81.2	63.3	0.1	No	2	2
3	303	24.6	6	65	81.2	81.1	63.8	0.1	No	2	2
3	304	9.6	1	65	69.8	69.7	53.9	0.1	No	1	1
3	304	12.6	2	65	71.0	70.8	56.4	0.2	No	1	1
3	304	15.6	3	65	73.2	73.0	60.0	0.2	No	1	1
3	304	18.6	4	65	78.1	77.9	64.6	0.2	No	1	1
3	304	21.6	5	65	79.4	79.2	65.3	0.2	No	1	1
3	304	24.6	6	65	80.1	79.9	66.4	0.2	Yes	1	1
3	305	9.6	1	65	71.2	71.1	55.0	0.1	No	1	1
3	305	12.6	2	65	72.0	71.9	57.0	0.1	No	1	1
3	305	15.6	3	65	73.5	73.3	59.8	0.2	No	1	1
3	305	18.6	4	65	76.5	76.3	63.7	0.2	No	1	1
3	305	21.6	5	65	77.8	77.6	64.4	0.2	No	1	1
3	305	24.6	6	65	78.4	78.2	65.4	0.2	No	1	1
4	401	29	1	55	68.7	68.6	51.4	0.1	No	2	2
4	401	32	2	55	74.5	74.5	53.6	0.0	No	2	2
4	401	35	3	55	77.4	77.4	55.2	0.0	No	2	2
4	401	38	4	55	78.2	78.2	56.7	0.0	Yes	2	2
4	401	41	5	55	78.5	78.5	57.7	0.0	Yes	2	2
4	401	44	6	55	78.5	78.5	58.4	0.0	Yes	2	2
4	402	29	1	55	68.8	68.7	51.9	0.1	No	2	2
4	402	32	2	55	74.7	74.7	54.0	0.0	No	2	2
4	402	35	3	55	77.7	77.7	55.5	0.0	Yes	2	2
4	402	38	4	55	78.5	78.5	57.1	0.0	Yes	2	2
4	402	41	5	55	78.7	78.7	58.1	0.0	Yes	2	2
4	402	44	6	55	78.7	78.7	58.8	0.0	Yes	2	2
4	403	29	1	55	69.7	69.6	52.8	0.1	No	2	2
4	403	32	2	55	76.4	76.4	55.0	0.0	No	2	2
4	403	35	3	55	78.4	78.4	56.4	0.0	Yes	2	2
4	403	38	4	55	79.2	79.2	57.9	0.0	Yes	2	2
4	403	41	5	55	79.2	79.2	58.9	0.0	Yes	2	2
4	403	44	6	55	79.1	79.1	59.5	0.0	Yes	2	2
4	404	29	1	55	70.5	70.4	53.6	0.1	No	2	2
4	404	32	2	55	77.2	77.2	55.9	0.0	Yes	2	2
4	404	35	3	55	78.9	78.9	57.1	0.0	Yes	2	2
4	404	38	4	55	79.7	79.7	58.5	0.0	Yes	2	2
4	404	41	5	55	79.5	79.5	59.4	0.0	Yes	2	2
4	404	44	6	55	79.4	79.3	60.0	0.1	Yes	2	2
5	501	19.3	1	70	78.5	78.1	68.4	0.4	No	3	3
5	501	22.1	2	70	82.3	81.9	71.2	0.4	Yes	3	3
5	501	24.9	3	70	83.3	83.0	71.8	0.3	Yes	3	3
5	501	27.7	4	70	83.9	83.6	72.0	0.3	Yes	3	3
5	501	30.5	5	70	83.9	83.6	72.1	0.3	Yes	3	3
5	501	33.3	6	70	83.7	83.4	72.1	0.3	Yes	3	3
5	501	36.1	7	70	83.5	83.2	72.0	0.3	Yes	3	3
5	501	38.9	8	70	83.4	83.1	71.9	0.3	Yes	3	3

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NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
5	501	41.7	9	70	83.1	82.8	71.8	0.3	Yes	3	3
5	501	44.5	10	70	83.0	82.7	71.7	0.3	Yes	3	3
5	501	47.3	11	70	82.8	82.5	71.5	0.3	Yes	3	3
5	501	50.1	12	70	82.6	82.3	71.3	0.3	Yes	3	3
5	501	52.9	13	70	82.5	82.2	71.1	0.3	Yes	3	3
5	501	55.7	14	70	82.3	82.0	71.0	0.3	Yes	3	3
5	502	19.3	1	70	77.9	77.4	68.3	0.5	No	4	4
5	502	22.1	2	70	82.4	82.1	71.2	0.3	Yes	4	4
5	502	24.9	3	70	83.5	83.2	71.8	0.3	Yes	4	4
5	502	27.7	4	70	83.6	83.3	72.0	0.3	Yes	4	4
5	502	30.5	5	70	83.5	83.2	72.1	0.3	Yes	4	4
5	502	33.3	6	70	83.3	83.0	72.1	0.3	Yes	4	4
5	502	36.1	7	70	83.2	82.9	72.0	0.3	Yes	4	4
5	502	38.9	8	70	83.0	82.7	71.9	0.3	Yes	4	4
5	502	41.7	9	70	82.9	82.6	71.8	0.3	Yes	4	4
5	502	44.5	10	70	82.7	82.4	71.6	0.3	Yes	4	4
5	502	47.3	11	70	82.6	82.2	71.5	0.4	Yes	4	4
5	502	50.1	12	70	82.4	82.1	71.3	0.3	Yes	4	4
5	502	52.9	13	70	82.3	82.0	71.1	0.3	Yes	4	4
5	502	55.7	14	70	82.1	81.8	71.0	0.3	Yes	4	4
5	503	19.3	1	70	77.2	76.7	67.9	0.5	No	3	3
5	503	22.1	2	70	82.2	81.8	71.1	0.4	Yes	3	3
5	503	24.9	3	70	83.4	83.1	71.7	0.3	Yes	3	3
5	503	27.7	4	70	83.3	83.0	71.9	0.3	Yes	3	3
5	503	30.5	5	70	83.3	83.0	71.9	0.3	Yes	3	3
5	503	33.3	6	70	83.1	82.8	72.0	0.3	Yes	3	3
5	503	36.1	7	70	83.0	82.6	71.9	0.4	Yes	3	3
5	503	38.9	8	70	82.9	82.5	71.8	0.4	Yes	3	3
5	503	41.7	9	70	82.8	82.4	71.7	0.4	Yes	3	3
5	503	44.5	10	70	82.6	82.2	71.6	0.4	Yes	3	3
5	503	47.3	11	70	82.4	82.0	71.4	0.4	Yes	3	3
5	503	50.1	12	70	82.3	81.9	71.2	0.4	Yes	3	3
5	503	52.9	13	70	82.2	81.8	71.1	0.4	Yes	3	3
5	503	55.7	14	70	82.0	81.7	70.9	0.3	Yes	3	3
5	504	19.3	1	70	75.8	75.3	66.3	0.5	No	3	3
5	504	22.1	2	70	80.7	80.3	70.6	0.4	Yes	3	3
5	504	24.9	3	70	82.2	81.8	71.3	0.4	Yes	3	3
5	504	27.7	4	70	82.6	82.3	71.4	0.3	Yes	3	3
5	504	30.5	5	70	82.6	82.3	71.5	0.3	Yes	3	3
5	504	33.3	6	70	82.6	82.2	71.6	0.4	Yes	3	3
5	504	36.1	7	70	82.5	82.1	71.5	0.4	Yes	3	3
5	504	38.9	8	70	82.4	82.0	71.5	0.4	Yes	3	3
5	504	41.7	9	70	82.3	81.9	71.4	0.4	Yes	3	3
5	504	44.5	10	70	82.2	81.8	71.3	0.4	Yes	3	3
5	504	47.3	11	70	82.1	81.7	71.2	0.4	Yes	3	3
5	504	50.1	12	70	82.1	81.7	71.0	0.4	Yes	3	3
5	504	52.9	13	70	82.0	81.6	70.9	0.4	Yes	3	3
5	504	55.7	14	70	81.8	81.5	70.7	0.3	Yes	3	3

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NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
5	505	19.3	1	70	75.9	75.4	66.3	0.5	No	4	4
5	505	22.1	2	70	81.0	80.6	70.5	0.4	Yes	4	4
5	505	24.9	3	70	82.1	81.8	71.0	0.3	Yes	4	4
5	505	27.7	4	70	82.4	82.0	71.3	0.4	Yes	4	4
5	505	30.5	5	70	82.5	82.1	71.4	0.4	Yes	4	4
5	505	33.3	6	70	82.4	82.0	71.5	0.4	Yes	4	4
5	505	36.1	7	70	82.4	82.0	71.4	0.4	Yes	4	4
5	505	38.9	8	70	82.3	81.9	71.4	0.4	Yes	4	4
5	505	41.7	9	70	82.2	81.8	71.3	0.4	Yes	4	4
5	505	44.5	10	70	82.1	81.7	71.2	0.4	Yes	4	4
5	505	47.3	11	70	82.1	81.7	71.1	0.4	Yes	4	4
5	505	50.1	12	70	82.0	81.6	71.0	0.4	Yes	4	4
5	505	52.9	13	70	81.9	81.5	70.8	0.4	Yes	4	4
5	505	55.7	14	70	81.8	81.4	70.7	0.4	Yes	4	4
5	506	19.3	1	70	75.2	74.7	65.7	0.5	No	3	3
5	506	22.1	2	70	80.0	79.5	70.2	0.5	No	3	3
5	506	24.9	3	70	81.9	81.5	70.9	0.4	Yes	3	3
5	506	27.7	4	70	82.2	81.8	71.1	0.4	Yes	3	3
5	506	30.5	5	70	82.2	81.8	71.2	0.4	Yes	3	3
5	506	33.3	6	70	82.2	81.8	71.2	0.4	Yes	3	3
5	506	36.1	7	70	82.2	81.8	71.2	0.4	Yes	3	3
5	506	38.9	8	70	82.1	81.7	71.2	0.4	Yes	3	3
5	506	41.7	9	70	82.1	81.7	71.1	0.4	Yes	3	3
5	506	44.5	10	70	82.0	81.6	71.0	0.4	Yes	3	3
5	506	47.3	11	70	82.0	81.6	70.9	0.4	Yes	3	3
5	506	50.1	12	70	81.9	81.5	70.8	0.4	Yes	3	3
5	506	52.9	13	70	81.8	81.5	70.7	0.3	Yes	3	3
5	506	55.7	14	70	81.7	81.4	70.5	0.3	Yes	3	3
5	507	19.3	1	70	74.1	73.6	64.1	0.5	No	3	3
5	507	22.1	2	70	78.5	78.0	68.6	0.5	No	3	3
5	507	24.9	3	70	80.1	79.7	69.7	0.4	No	3	3
5	507	27.7	4	70	80.8	80.4	70.0	0.4	No	3	3
5	507	30.5	5	70	81.0	80.6	70.2	0.4	No	3	3
5	507	33.3	6	70	81.2	80.8	70.4	0.4	No	3	3
5	507	36.1	7	70	81.2	80.8	70.4	0.4	No	3	3
5	507	38.9	8	70	81.3	80.9	70.4	0.4	No	3	3
5	507	41.7	9	70	81.2	80.8	70.3	0.4	No	3	3
5	507	44.5	10	70	81.3	80.9	70.3	0.4	No	3	3
5	507	47.3	11	70	81.3	80.9	70.2	0.4	No	3	3
5	507	50.1	12	70	81.3	80.9	70.2	0.4	No	3	3
5	507	52.9	13	70	81.1	80.8	70.0	0.3	No	3	3
5	507	55.7	14	70	81.1	80.8	69.9	0.3	No	3	3
5	508	19.3	1	70	73.3	72.9	63.2	0.4	No	4	4
5	508	22.1	2	70	78.0	77.5	68.0	0.5	No	4	4
5	508	24.9	3	70	79.4	79.0	68.7	0.4	No	4	4
5	508	27.7	4	70	80.1	79.7	69.0	0.4	No	4	4
5	508	30.5	5	70	80.3	79.9	69.2	0.4	No	4	4
5	508	33.3	6	70	80.5	80.1	69.6	0.4	No	4	4

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
5	508	36.1	7	70	80.6	80.2	69.7	0.4	No	4	4
5	508	38.9	8	70	80.8	80.4	69.7	0.4	No	4	4
5	508	41.7	9	70	80.9	80.5	69.8	0.4	No	4	4
5	508	44.5	10	70	80.9	80.5	69.9	0.4	No	4	4
5	508	47.3	11	70	80.9	80.5	69.9	0.4	No	4	4
5	508	50.1	12	70	80.9	80.5	70.0	0.4	No	4	4
5	508	52.9	13	70	81.0	80.6	69.9	0.4	No	4	4
5	508	55.7	14	70	80.9	80.5	69.8	0.4	No	4	4
5	509	19.3	1	70	72.0	71.5	62.1	0.5	No	3	3
5	509	22.1	2	70	76.4	75.9	67.1	0.5	No	3	3
5	509	24.9	3	70	78.1	77.7	68.0	0.4	No	3	3
5	509	27.7	4	70	78.8	78.4	68.2	0.4	No	3	3
5	509	30.5	5	70	79.1	78.7	68.4	0.4	No	3	3
5	509	33.3	6	70	79.4	79.0	68.5	0.4	No	3	3
5	509	36.1	7	70	79.6	79.2	68.6	0.4	No	3	3
5	509	38.9	8	70	79.8	79.4	68.7	0.4	No	3	3
5	509	41.7	9	70	80.0	79.7	68.8	0.3	No	3	3
5	509	44.5	10	70	80.1	79.8	69.0	0.3	No	3	3
5	509	47.3	11	70	80.4	80.0	69.3	0.4	No	3	3
5	509	50.1	12	70	80.4	80.0	69.5	0.4	No	3	3
5	509	52.9	13	70	80.5	80.1	69.6	0.4	No	3	3
5	509	55.7	14	70	80.5	80.1	69.5	0.4	No	3	3
6	601	19.3	1	70	57.4	57.4	37.4	0.0	No	1	0
6	601	22.1	2	70	59.3	59.3	37.4	0.0	No	1	0
6	601	24.9	3	70	61.3	61.3	37.4	0.0	No	1	0
6	601	27.7	4	70	63.8	63.8	37.3	0.0	No	1	0
6	601	30.5	5	70	66.7	66.7	37.3	0.0	No	1	0
6	601	33.3	6	70	68.4	68.4	37.2	0.0	No	1	0
6	601	36.1	7	70	69.1	69.1	37.1	0.0	No	1	0
6	601	38.9	8	70	69.5	69.5	37.1	0.0	No	1	0
6	601	41.7	9	70	69.7	69.7	37.0	0.0	No	1	0
6	601	44.5	10	70	69.9	69.9	37.0	0.0	No	1	0
6	601	47.3	11	70	70.0	70.0	38.0	0.0	No	1	0
6	601	50.1	12	70	70.2	70.2	39.3	0.0	No	1	0
6	601	52.9	13	70	70.3	70.3	40.8	0.0	No	1	0
6	601	55.7	14	70	70.5	70.5	42.4	0.0	No	1	1
6	602	19.3	1	70	57.5	57.5	36.4	0.0	No	1	0
6	602	22.1	2	70	59.6	59.6	36.3	0.0	No	1	0
6	602	24.9	3	70	61.7	61.7	36.3	0.0	No	1	0
6	602	27.7	4	70	64.2	64.2	36.2	0.0	No	1	0
6	602	30.5	5	70	67.4	67.4	36.2	0.0	No	1	0
6	602	33.3	6	70	69.1	69.1	36.1	0.0	No	1	0
6	602	36.1	7	70	69.7	69.7	36.1	0.0	No	1	0
6	602	38.9	8	70	70.0	70.0	36.0	0.0	No	1	0
6	602	41.7	9	70	70.3	70.3	35.9	0.0	No	1	0
6	602	44.5	10	70	70.4	70.4	36.1	0.0	No	1	0
6	602	47.3	11	70	70.6	70.6	36.9	0.0	No	1	1
6	602	50.1	12	70	70.7	70.7	38.0	0.0	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
6	602	52.9	13	70	70.8	70.8	39.2	0.0	No	1	1
6	602	55.7	14	70	70.9	70.9	40.6	0.0	No	1	1
6	603	19.3	1	70	57.4	57.4	35.9	0.0	No	1	0
6	603	22.1	2	70	59.5	59.5	35.9	0.0	No	1	0
6	603	24.9	3	70	61.8	61.8	35.8	0.0	No	1	0
6	603	27.7	4	70	64.4	64.4	35.8	0.0	No	1	0
6	603	30.5	5	70	68.0	68.0	35.8	0.0	No	1	0
6	603	33.3	6	70	69.6	69.6	35.7	0.0	No	1	0
6	603	36.1	7	70	70.2	70.2	35.6	0.0	No	1	0
6	603	38.9	8	70	70.5	70.5	35.6	0.0	No	1	1
6	603	41.7	9	70	70.7	70.7	35.5	0.0	No	1	1
6	603	44.5	10	70	70.8	70.8	35.6	0.0	No	1	1
6	603	47.3	11	70	70.9	70.9	36.4	0.0	No	1	1
6	603	50.1	12	70	71.1	71.1	37.4	0.0	No	1	1
6	603	52.9	13	70	71.1	71.1	38.5	0.0	No	1	1
6	603	55.7	14	70	71.2	71.2	39.6	0.0	No	1	1
6	604	19.3	1	70	57.5	57.5	35.7	0.0	No	1	0
6	604	22.1	2	70	59.9	59.9	35.7	0.0	No	1	0
6	604	24.9	3	70	62.2	62.2	35.7	0.0	No	1	0
6	604	27.7	4	70	65.0	65.0	35.6	0.0	No	1	0
6	604	30.5	5	70	69.0	69.0	35.6	0.0	No	1	0
6	604	33.3	6	70	70.4	70.4	35.5	0.0	No	1	0
6	604	36.1	7	70	70.9	70.9	35.5	0.0	No	1	1
6	604	38.9	8	70	71.2	71.2	35.4	0.0	No	1	1
6	604	41.7	9	70	71.3	71.3	35.4	0.0	No	1	1
6	604	44.5	10	70	71.4	71.4	35.4	0.0	No	1	1
6	604	47.3	11	70	71.4	71.4	36.1	0.0	No	1	1
6	604	50.1	12	70	71.4	71.4	37.0	0.0	No	1	1
6	604	52.9	13	70	71.5	71.5	38.1	0.0	No	1	1
6	604	55.7	14	70	71.5	71.5	39.3	0.0	No	1	1
6	605	19.3	1	70	60.0	60.0	35.4	0.0	No	1	0
6	605	22.1	2	70	63.8	63.8	35.3	0.0	No	1	0
6	605	24.9	3	70	65.8	65.8	35.3	0.0	No	1	0
6	605	27.7	4	70	67.4	67.4	35.3	0.0	No	1	0
6	605	30.5	5	70	70.8	70.8	35.2	0.0	No	1	1
6	605	33.3	6	70	71.7	71.7	35.2	0.0	No	1	1
6	605	36.1	7	70	72.1	72.1	35.1	0.0	No	1	1
6	605	38.9	8	70	72.2	72.2	35.0	0.0	No	1	1
6	605	41.7	9	70	72.3	72.3	35.0	0.0	No	1	1
6	605	44.5	10	70	72.3	72.3	35.0	0.0	No	1	1
6	605	47.3	11	70	72.3	72.3	35.7	0.0	No	1	1
6	605	50.1	12	70	72.3	72.3	36.6	0.0	No	1	1
6	605	52.9	13	70	72.4	72.4	37.6	0.0	No	1	1
6	605	55.7	14	70	72.4	72.4	38.7	0.0	No	1	1
6	606	19.3	1	70	61.5	61.4	43.7	0.1	No	1	0
6	606	22.1	2	70	65.2	65.1	48.3	0.1	No	1	0
6	606	24.9	3	70	67.0	66.9	49.4	0.1	No	1	0
6	606	27.7	4	70	68.5	68.4	49.8	0.1	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
6	606	30.5	5	70	71.8	71.8	49.9	0.0	No	1	1
6	606	33.3	6	70	72.6	72.6	49.8	0.0	No	1	1
6	606	36.1	7	70	72.8	72.8	49.7	0.0	No	1	1
6	606	38.9	8	70	72.9	72.9	49.6	0.0	No	1	1
6	606	41.7	9	70	73.0	73.0	49.5	0.0	No	1	1
6	606	44.5	10	70	73.0	73.0	49.3	0.0	No	1	1
6	606	47.3	11	70	73.0	73.0	49.3	0.0	No	1	1
6	606	50.1	12	70	72.9	72.9	49.1	0.0	No	1	1
6	606	52.9	13	70	73.0	73.0	49.0	0.0	No	1	1
6	606	55.7	14	70	72.9	72.9	48.9	0.0	No	1	1
6	607	19.3	1	70	62.6	62.4	48.1	0.2	No	1	0
6	607	22.1	2	70	66.6	66.4	52.3	0.2	No	1	0
6	607	24.9	3	70	68.1	67.9	53.9	0.2	No	1	0
6	607	27.7	4	70	69.5	69.4	54.5	0.1	No	1	0
6	607	30.5	5	70	73.0	72.9	54.9	0.1	No	1	1
6	607	33.3	6	70	73.5	73.4	54.9	0.1	No	1	1
6	607	36.1	7	70	73.7	73.6	55.0	0.1	No	1	1
6	607	38.9	8	70	73.8	73.7	55.0	0.1	No	1	1
6	607	41.7	9	70	73.8	73.7	54.9	0.1	No	1	1
6	607	44.5	10	70	73.8	73.7	55.0	0.1	No	1	1
6	607	47.3	11	70	73.7	73.6	54.9	0.1	No	1	1
6	607	50.1	12	70	73.7	73.6	54.8	0.1	No	1	1
6	607	52.9	13	70	73.6	73.5	54.7	0.1	No	1	1
6	607	55.7	14	70	73.6	73.5	54.6	0.1	No	1	1
6	608	19.3	1	70	63.3	63.1	49.1	0.2	No	1	0
6	608	22.1	2	70	67.3	67.1	52.8	0.2	No	1	0
6	608	24.9	3	70	68.6	68.4	54.6	0.2	No	1	0
6	608	27.7	4	70	70.1	70.0	55.4	0.1	No	1	0
6	608	30.5	5	70	74.0	73.9	55.9	0.1	No	1	1
6	608	33.3	6	70	74.3	74.2	56.1	0.1	No	1	1
6	608	36.1	7	70	74.4	74.3	56.3	0.1	No	1	1
6	608	38.9	8	70	74.4	74.3	56.3	0.1	No	1	1
6	608	41.7	9	70	74.4	74.3	56.4	0.1	No	1	1
6	608	44.5	10	70	74.4	74.3	56.4	0.1	No	1	1
6	608	47.3	11	70	74.3	74.2	56.4	0.1	No	1	1
6	608	50.1	12	70	74.2	74.1	56.3	0.1	No	1	1
6	608	52.9	13	70	74.2	74.1	56.3	0.1	No	1	1
6	608	55.7	14	70	74.1	74.0	56.2	0.1	No	1	1
6	609	19.3	1	70	60.8	60.5	49.7	0.3	No	1	0
6	609	22.1	2	70	64.6	64.3	53.1	0.3	No	1	0
6	609	24.9	3	70	66.0	65.7	54.9	0.3	No	1	0
6	609	27.7	4	70	67.8	67.5	55.8	0.3	No	1	0
6	609	30.5	5	70	74.6	74.5	56.4	0.1	No	1	1
6	609	33.3	6	70	74.9	74.8	56.6	0.1	No	1	1
6	609	36.1	7	70	74.9	74.8	56.9	0.1	No	1	1
6	609	38.9	8	70	74.9	74.8	57.0	0.1	No	1	1
6	609	41.7	9	70	74.9	74.8	57.1	0.1	No	1	1
6	609	44.5	10	70	74.8	74.7	57.1	0.1	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
6	609	47.3	11	70	74.7	74.6	57.1	0.1	No	1	1
6	609	50.1	12	70	74.5	74.4	57.1	0.1	No	1	1
6	609	52.9	13	70	74.4	74.3	57.1	0.1	No	1	1
6	609	55.7	14	70	74.3	74.2	57.0	0.1	No	1	1
6	610	19.3	1	70	73.2	73.2	37.2	0.0	No	1	1
6	610	22.1	2	70	73.5	73.5	39.3	0.0	No	1	1
6	610	24.9	3	70	73.9	73.9	42.5	0.0	No	1	1
6	610	27.7	4	70	74.4	74.4	47.2	0.0	No	1	1
6	610	30.5	5	70	75.3	75.3	54.8	0.0	No	1	1
6	610	33.3	6	70	75.9	75.8	56.7	0.1	No	1	1
6	610	36.1	7	70	75.8	75.7	57.0	0.1	No	1	1
6	610	38.9	8	70	75.7	75.6	57.2	0.1	No	1	1
6	610	41.7	9	70	75.5	75.4	57.4	0.1	No	1	1
6	610	44.5	10	70	75.4	75.3	57.3	0.1	No	1	1
6	610	47.3	11	70	75.2	75.1	57.4	0.1	No	1	1
6	610	50.1	12	70	75.1	75.0	57.4	0.1	No	1	1
6	610	52.9	13	70	74.9	74.8	57.4	0.1	No	1	1
6	610	55.7	14	70	74.8	74.7	57.4	0.1	No	1	1
6	611	19.3	1	70	59.8	59.8	36.9	0.0	No	1	0
6	611	22.1	2	70	61.1	61.1	36.9	0.0	No	1	0
6	611	24.9	3	70	63.4	63.4	36.8	0.0	No	1	0
6	611	27.7	4	70	65.7	65.7	36.8	0.0	No	1	0
6	611	30.5	5	70	66.6	66.6	36.8	0.0	No	1	0
6	611	33.3	6	70	66.9	66.9	36.7	0.0	No	1	0
6	611	36.1	7	70	67.1	67.1	36.7	0.0	No	1	0
6	611	38.9	8	70	67.2	67.2	36.6	0.0	No	1	0
6	611	41.7	9	70	67.2	67.2	36.6	0.0	No	1	0
6	611	44.5	10	70	67.3	67.3	36.9	0.0	No	1	0
6	611	47.3	11	70	67.3	67.3	38.1	0.0	No	1	0
6	611	50.1	12	70	67.4	67.4	39.5	0.0	No	1	0
6	611	52.9	13	70	67.5	67.5	41.0	0.0	No	1	0
6	611	55.7	14	70	67.8	67.8	42.6	0.0	No	1	0
6	612	19.3	1	70	60.2	60.2	36.1	0.0	No	1	0
6	612	22.1	2	70	61.2	61.2	36.1	0.0	No	1	0
6	612	24.9	3	70	63.4	63.4	36.1	0.0	No	1	0
6	612	27.7	4	70	66.2	66.2	36.1	0.0	No	1	0
6	612	30.5	5	70	67.3	67.3	36.0	0.0	No	1	0
6	612	33.3	6	70	67.6	67.6	36.0	0.0	No	1	0
6	612	36.1	7	70	67.7	67.7	36.0	0.0	No	1	0
6	612	38.9	8	70	67.8	67.8	35.9	0.0	No	1	0
6	612	41.7	9	70	67.8	67.8	35.9	0.0	No	1	0
6	612	44.5	10	70	67.8	67.8	36.2	0.0	No	1	0
6	612	47.3	11	70	67.9	67.9	37.3	0.0	No	1	0
6	612	50.1	12	70	67.9	67.9	38.4	0.0	No	1	0
6	612	52.9	13	70	68.0	68.0	39.8	0.0	No	1	0
6	612	55.7	14	70	68.1	68.1	41.2	0.0	No	1	0
6	613	19.3	1	70	60.8	60.8	35.6	0.0	No	1	0
6	613	22.1	2	70	61.7	61.7	35.6	0.0	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
6	613	24.9	3	70	63.4	63.4	35.6	0.0	No	1	0
6	613	27.7	4	70	66.8	66.8	35.6	0.0	No	1	0
6	613	30.5	5	70	68.0	68.0	35.6	0.0	No	1	0
6	613	33.3	6	70	68.2	68.2	35.5	0.0	No	1	0
6	613	36.1	7	70	68.4	68.4	35.5	0.0	No	1	0
6	613	38.9	8	70	68.4	68.4	35.4	0.0	No	1	0
6	613	41.7	9	70	68.5	68.5	35.4	0.0	No	1	0
6	613	44.5	10	70	68.5	68.5	35.8	0.0	No	1	0
6	613	47.3	11	70	68.5	68.5	36.8	0.0	No	1	0
6	613	50.1	12	70	68.5	68.5	37.9	0.0	No	1	0
6	613	52.9	13	70	68.6	68.6	39.0	0.0	No	1	0
6	613	55.7	14	70	68.6	68.6	40.3	0.0	No	1	0
6	614	19.3	1	70	61.6	61.6	35.3	0.0	No	1	0
6	614	22.1	2	70	62.1	62.1	35.3	0.0	No	1	0
6	614	24.9	3	70	63.5	63.5	35.3	0.0	No	1	0
6	614	27.7	4	70	67.2	67.2	35.3	0.0	No	1	0
6	614	30.5	5	70	68.6	68.6	35.2	0.0	No	1	0
6	614	33.3	6	70	68.8	68.8	35.2	0.0	No	1	0
6	614	36.1	7	70	68.9	68.9	35.2	0.0	No	1	0
6	614	38.9	8	70	69.0	69.0	35.2	0.0	No	1	0
6	614	41.7	9	70	69.0	69.0	35.1	0.0	No	1	0
6	614	44.5	10	70	69.0	69.0	35.5	0.0	No	1	0
6	614	47.3	11	70	69.0	69.0	36.4	0.0	No	1	0
6	614	50.1	12	70	69.0	69.0	37.4	0.0	No	1	0
6	614	52.9	13	70	69.0	69.0	38.5	0.0	No	1	0
6	614	55.7	14	70	69.0	69.0	39.7	0.0	No	1	0
6	615	19.3	1	70	62.6	62.6	35.1	0.0	No	1	0
6	615	22.1	2	70	63.1	63.1	35.1	0.0	No	1	0
6	615	24.9	3	70	64.2	64.2	35.0	0.0	No	1	0
6	615	27.7	4	70	67.9	67.9	35.0	0.0	No	1	0
6	615	30.5	5	70	69.2	69.2	35.0	0.0	No	1	0
6	615	33.3	6	70	69.5	69.5	35.0	0.0	No	1	0
6	615	36.1	7	70	69.5	69.5	34.9	0.0	No	1	0
6	615	38.9	8	70	69.6	69.6	34.8	0.0	No	1	0
6	615	41.7	9	70	69.6	69.6	34.9	0.0	No	1	0
6	615	44.5	10	70	69.6	69.6	35.2	0.0	No	1	0
6	615	47.3	11	70	69.6	69.6	36.1	0.0	No	1	0
6	615	50.1	12	70	69.5	69.5	37.0	0.0	No	1	0
6	615	52.9	13	70	69.5	69.5	37.9	0.0	No	1	0
6	615	55.7	14	70	69.5	69.5	39.0	0.0	No	1	0
6	616	19.3	1	70	64.1	64.1	34.7	0.0	No	1	0
6	616	22.1	2	70	64.5	64.5	34.6	0.0	No	1	0
6	616	24.9	3	70	65.3	65.3	34.6	0.0	No	1	0
6	616	27.7	4	70	68.8	68.8	34.6	0.0	No	1	0
6	616	30.5	5	70	70.1	70.1	34.6	0.0	No	1	0
6	616	33.3	6	70	70.3	70.3	34.5	0.0	No	1	0
6	616	36.1	7	70	70.4	70.4	34.5	0.0	No	1	0
6	616	38.9	8	70	70.4	70.4	34.4	0.0	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
6	616	41.7	9	70	70.4	70.4	34.6	0.0	No	1	0
6	616	44.5	10	70	70.3	70.3	34.9	0.0	No	1	0
6	616	47.3	11	70	70.2	70.2	35.7	0.0	No	1	0
6	616	50.1	12	70	70.1	70.1	36.5	0.0	No	1	0
6	616	52.9	13	70	70.1	70.1	37.4	0.0	No	1	0
6	616	55.7	14	70	70.0	70.0	38.3	0.0	No	1	0
6	617	19.3	1	70	66.1	66.1	34.4	0.0	No	1	0
6	617	22.1	2	70	66.4	66.4	34.4	0.0	No	1	0
6	617	24.9	3	70	67.0	67.0	34.4	0.0	No	1	0
6	617	27.7	4	70	69.9	69.9	34.4	0.0	No	1	0
6	617	30.5	5	70	71.0	71.0	34.3	0.0	No	1	1
6	617	33.3	6	70	71.2	71.2	34.3	0.0	No	1	1
6	617	36.1	7	70	71.2	71.2	34.3	0.0	No	1	1
6	617	38.9	8	70	71.2	71.2	34.2	0.0	No	1	1
6	617	41.7	9	70	71.2	71.2	34.2	0.0	No	1	1
6	617	44.5	10	70	71.1	71.1	34.6	0.0	No	1	1
6	617	47.3	11	70	70.9	70.9	35.3	0.0	No	1	1
6	617	50.1	12	70	70.8	70.8	36.1	0.0	No	1	1
6	617	52.9	13	70	70.7	70.7	36.9	0.0	No	1	1
6	617	55.7	14	70	70.5	70.5	37.8	0.0	No	1	1
6	618	19.3	1	70	68.8	68.8	34.0	0.0	No	1	0
6	618	22.1	2	70	69.0	69.0	34.1	0.0	No	1	0
6	618	24.9	3	70	69.4	69.4	34.1	0.0	No	1	0
6	618	27.7	4	70	71.2	71.2	34.1	0.0	No	1	1
6	618	30.5	5	70	72.0	72.0	34.0	0.0	No	1	1
6	618	33.3	6	70	72.1	72.1	34.0	0.0	No	1	1
6	618	36.1	7	70	72.1	72.1	34.0	0.0	No	1	1
6	618	38.9	8	70	72.1	72.1	33.9	0.0	No	1	1
6	618	41.7	9	70	71.9	71.9	33.9	0.0	No	1	1
6	618	44.5	10	70	71.8	71.8	34.2	0.0	No	1	1
6	618	47.3	11	70	71.6	71.6	35.0	0.0	No	1	1
6	618	50.1	12	70	71.4	71.4	35.7	0.0	No	1	1
6	618	52.9	13	70	71.2	71.2	36.4	0.0	No	1	1
6	618	55.7	14	70	71.1	71.1	37.2	0.0	No	1	1
6	619	19.3	1	70	72.1	72.1	33.8	0.0	No	1	1
6	619	22.1	2	70	72.4	72.4	33.8	0.0	No	1	1
6	619	24.9	3	70	72.8	72.8	33.8	0.0	No	1	1
6	619	27.7	4	70	73.0	73.0	33.8	0.0	No	1	1
6	619	30.5	5	70	73.2	73.2	33.7	0.0	No	1	1
6	619	33.3	6	70	73.3	73.3	33.7	0.0	No	1	1
6	619	36.1	7	70	73.3	73.3	33.7	0.0	No	1	1
6	619	38.9	8	70	73.1	73.1	33.7	0.0	No	1	1
6	619	41.7	9	70	72.9	72.9	33.7	0.0	No	1	1
6	619	44.5	10	70	72.7	72.7	33.9	0.0	No	1	1
6	619	47.3	11	70	72.4	72.4	34.6	0.0	No	1	1
6	619	50.1	12	70	72.2	72.2	35.3	0.0	No	1	1
6	619	52.9	13	70	71.9	71.9	36.0	0.0	No	1	1
6	619	55.7	14	70	71.7	71.7	36.8	0.0	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
6	620	19.3	1	70	73.6	73.6	33.5	0.0	No	1	1
6	620	22.1	2	70	74.1	74.1	33.5	0.0	No	1	1
6	620	24.9	3	70	74.6	74.6	33.5	0.0	No	1	1
6	620	27.7	4	70	74.9	74.9	33.5	0.0	No	1	1
6	620	30.5	5	70	75.2	75.2	33.5	0.0	No	1	1
6	620	33.3	6	70	75.2	75.2	33.4	0.0	No	1	1
6	620	36.1	7	70	75.0	75.0	33.4	0.0	No	1	1
6	620	38.9	8	70	74.7	74.7	33.5	0.0	No	1	1
6	620	41.7	9	70	74.4	74.4	33.4	0.0	No	1	1
6	620	44.5	10	70	74.1	74.1	33.8	0.0	No	1	1
6	620	47.3	11	70	73.7	73.7	34.3	0.0	No	1	1
6	620	50.1	12	70	73.4	73.4	34.9	0.0	No	1	1
6	620	52.9	13	70	73.1	73.1	35.6	0.0	No	1	1
6	620	55.7	14	70	72.8	72.8	36.3	0.0	No	1	1
7	701	31.4	1	70	70.1	69.9	56.4	0.2	No	1	0
7	701	34.2	2	70	74.3	74.1	61.2	0.2	No	1	1
7	701	37.0	3	70	76.9	76.6	65.7	0.3	No	1	1
7	701	39.8	4	70	78.1	77.6	68.6	0.5	No	1	1
7	701	42.6	5	70	78.8	78.3	69.3	0.5	No	1	1
7	701	45.4	6	70	79.4	78.9	69.4	0.5	No	1	1
7	701	48.2	7	70	79.8	79.4	69.3	0.4	No	1	1
7	701	51.0	8	70	79.9	79.5	69.1	0.4	No	1	1
7	701	53.8	9	70	80.0	79.6	69.0	0.4	No	1	1
7	701	56.6	10	70	79.9	79.5	68.9	0.4	No	1	1
7	701	59.4	11	70	79.8	79.4	68.8	0.4	No	1	1
7	701	62.2	12	70	79.8	79.4	68.7	0.4	No	1	1
7	701	65.0	13	70	79.7	79.4	68.5	0.3	No	1	1
7	701	67.8	14	70	79.6	79.3	68.4	0.3	No	1	1
7	701	70.6	15	70	79.5	79.2	68.3	0.3	No	1	1
7	702	31.4	1	70	67.7	67.6	52.3	0.1	No	1	0
7	702	34.2	2	70	71.6	71.5	55.8	0.1	No	1	1
7	702	37.0	3	70	74.6	74.4	60.0	0.2	No	1	1
7	702	39.8	4	70	76.3	76.0	64.4	0.3	No	1	1
7	702	42.6	5	70	77.1	76.7	67.0	0.4	No	1	1
7	702	45.4	6	70	77.6	77.1	68.0	0.5	No	1	1
7	702	48.2	7	70	78.1	77.6	68.3	0.5	No	1	1
7	702	51.0	8	70	78.5	78.1	68.3	0.4	No	1	1
7	702	53.8	9	70	78.8	78.4	68.2	0.4	No	1	1
7	702	56.6	10	70	79.0	78.6	68.1	0.4	No	1	1
7	702	59.4	11	70	79.0	78.6	68.0	0.4	No	1	1
7	702	62.2	12	70	78.9	78.6	67.8	0.3	No	1	1
7	702	65.0	13	70	79.0	78.7	67.8	0.3	No	1	1
7	702	67.8	14	70	79.0	78.7	67.7	0.3	No	1	1
7	702	70.6	15	70	78.8	78.5	67.6	0.3	No	1	1
7	703	31.4	1	70	66.9	66.8	51.8	0.1	No	1	0
7	703	34.2	2	70	70.7	70.6	55.0	0.1	No	1	1
7	703	37.0	3	70	73.2	73.1	58.2	0.1	No	1	1
7	703	39.8	4	70	75.2	75.0	61.5	0.2	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	703	42.6	5	70	76.1	75.8	64.3	0.3	No	1	1
7	703	45.4	6	70	76.8	76.4	66.4	0.4	No	1	1
7	703	48.2	7	70	77.2	76.7	67.4	0.5	No	1	1
7	703	51.0	8	70	77.5	77.0	67.7	0.5	No	1	1
7	703	53.8	9	70	77.9	77.4	67.8	0.5	No	1	1
7	703	56.6	10	70	78.2	77.8	67.7	0.4	No	1	1
7	703	59.4	11	70	78.4	78.0	67.6	0.4	No	1	1
7	703	62.2	12	70	78.6	78.2	67.5	0.4	No	1	1
7	703	65.0	13	70	78.5	78.2	67.4	0.3	No	1	1
7	703	67.8	14	70	78.5	78.2	67.3	0.3	No	1	1
7	703	70.6	15	70	78.5	78.2	67.2	0.3	No	1	1
7	704	31.4	1	70	66.5	66.4	51.8	0.1	No	1	0
7	704	34.2	2	70	70.3	70.2	55.3	0.1	No	1	0
7	704	37.0	3	70	72.7	72.5	58.5	0.2	No	1	1
7	704	39.8	4	70	74.2	74.0	60.7	0.2	No	1	1
7	704	42.6	5	70	75.4	75.2	62.5	0.2	No	1	1
7	704	45.4	6	70	76.1	75.8	64.4	0.3	No	1	1
7	704	48.2	7	70	76.6	76.2	66.0	0.4	No	1	1
7	704	51.0	8	70	76.9	76.4	66.9	0.5	No	1	1
7	704	53.8	9	70	77.2	76.7	67.3	0.5	No	1	1
7	704	56.6	10	70	77.4	76.9	67.3	0.5	No	1	1
7	704	59.4	11	70	77.6	77.2	67.4	0.4	No	1	1
7	704	62.2	12	70	77.9	77.5	67.3	0.4	No	1	1
7	704	65.0	13	70	78.1	77.7	67.2	0.4	No	1	1
7	704	67.8	14	70	78.2	77.8	67.1	0.4	No	1	1
7	704	70.6	15	70	78.1	77.8	67.0	0.3	No	1	1
7	705	31.4	1	70	66.3	66.1	51.8	0.2	No	1	0
7	705	34.2	2	70	70.0	69.8	56.0	0.2	No	1	0
7	705	37.0	3	70	72.4	72.2	58.6	0.2	No	1	1
7	705	39.8	4	70	73.7	73.5	60.3	0.2	No	1	1
7	705	42.6	5	70	74.7	74.5	61.6	0.2	No	1	1
7	705	45.4	6	70	75.5	75.3	62.9	0.2	No	1	1
7	705	48.2	7	70	76.1	75.8	64.2	0.3	No	1	1
7	705	51.0	8	70	76.5	76.1	65.6	0.4	No	1	1
7	705	53.8	9	70	76.7	76.3	66.4	0.4	No	1	1
7	705	56.6	10	70	76.9	76.4	66.8	0.5	No	1	1
7	705	59.4	11	70	77.1	76.6	67.0	0.5	No	1	1
7	705	62.2	12	70	77.2	76.8	67.0	0.4	No	1	1
7	705	65.0	13	70	77.4	77.0	66.9	0.4	No	1	1
7	705	67.8	14	70	77.6	77.2	66.8	0.4	No	1	1
7	705	70.6	15	70	77.7	77.3	66.7	0.4	No	1	1
7	706	31.4	1	70	66.1	65.9	52.3	0.2	No	1	0
7	706	34.2	2	70	69.8	69.6	56.8	0.2	No	1	0
7	706	37.0	3	70	72.0	71.8	59.0	0.2	No	1	1
7	706	39.8	4	70	73.2	73.0	60.5	0.2	No	1	1
7	706	42.6	5	70	74.2	74.0	61.1	0.2	No	1	1
7	706	45.4	6	70	75.1	74.9	61.9	0.2	No	1	1
7	706	48.2	7	70	75.6	75.4	63.0	0.2	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	706	51.0	8	70	76.0	75.7	64.1	0.3	No	1	1
7	706	53.8	9	70	76.2	75.9	65.1	0.3	No	1	1
7	706	56.6	10	70	76.4	76.0	65.9	0.4	No	1	1
7	706	59.4	11	70	76.6	76.2	66.4	0.4	No	1	1
7	706	62.2	12	70	76.6	76.2	66.5	0.4	No	1	1
7	706	65.0	13	70	76.7	76.3	66.5	0.4	No	1	1
7	706	67.8	14	70	76.9	76.5	66.5	0.4	No	1	1
7	706	70.6	15	70	77.1	76.7	66.5	0.4	No	1	1
7	707	31.4	1	70	65.2	65.0	51.9	0.2	No	1	0
7	707	34.2	2	70	69.0	68.7	57.2	0.3	No	1	0
7	707	37.0	3	70	71.4	71.1	59.7	0.3	No	1	1
7	707	39.8	4	70	72.8	72.5	60.6	0.3	No	1	1
7	707	42.6	5	70	73.6	73.3	61.1	0.3	No	1	1
7	707	45.4	6	70	74.3	74.1	61.6	0.2	No	1	1
7	707	48.2	7	70	74.9	74.7	62.2	0.2	No	1	1
7	707	51.0	8	70	75.3	75.0	63.0	0.3	No	1	1
7	707	53.8	9	70	75.6	75.3	63.8	0.3	No	1	1
7	707	56.6	10	70	75.7	75.4	64.6	0.3	No	1	1
7	707	59.4	11	70	76.0	75.6	65.4	0.4	No	1	1
7	707	62.2	12	70	76.1	75.7	65.9	0.4	No	1	1
7	707	65.0	13	70	76.2	75.8	66.1	0.4	No	1	1
7	707	67.8	14	70	76.3	75.9	66.1	0.4	No	1	1
7	707	70.6	15	70	76.4	76.0	66.2	0.4	No	1	1
7	708	31.4	1	70	63.6	63.4	48.9	0.2	No	1	0
7	708	34.2	2	70	67.0	66.8	52.3	0.2	No	1	0
7	708	37.0	3	70	70.3	70.0	57.8	0.3	No	1	0
7	708	39.8	4	70	72.0	71.7	59.6	0.3	No	1	1
7	708	42.6	5	70	72.9	72.7	60.2	0.2	No	1	1
7	708	45.4	6	70	73.4	73.2	60.6	0.2	No	1	1
7	708	48.2	7	70	74.0	73.8	61.0	0.2	No	1	1
7	708	51.0	8	70	74.5	74.3	61.5	0.2	No	1	1
7	708	53.8	9	70	74.8	74.6	62.2	0.2	No	1	1
7	708	56.6	10	70	75.1	74.8	62.9	0.3	No	1	1
7	708	59.4	11	70	75.3	75.0	63.7	0.3	No	1	1
7	708	62.2	12	70	75.5	75.1	64.5	0.4	No	1	1
7	708	65.0	13	70	75.6	75.2	65.1	0.4	No	1	1
7	708	67.8	14	70	75.7	75.3	65.4	0.4	No	1	1
7	708	70.6	15	70	75.8	75.4	65.6	0.4	No	1	1
7	709	31.4	1	70	62.5	62.4	47.4	0.1	No	1	0
7	709	34.2	2	70	65.6	65.5	50.1	0.1	No	1	0
7	709	37.0	3	70	69.0	68.8	55.1	0.2	No	1	0
7	709	39.8	4	70	71.2	70.9	58.7	0.3	No	1	1
7	709	42.6	5	70	72.1	71.9	59.4	0.2	No	1	1
7	709	45.4	6	70	72.8	72.6	59.7	0.2	No	1	1
7	709	48.2	7	70	73.2	73.0	59.9	0.2	No	1	1
7	709	51.0	8	70	73.7	73.5	60.2	0.2	No	1	1
7	709	53.8	9	70	74.1	73.9	60.8	0.2	No	1	1
7	709	56.6	10	70	74.4	74.2	61.4	0.2	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	709	59.4	11	70	74.7	74.4	62.2	0.3	No	1	1
7	709	62.2	12	70	74.9	74.6	62.9	0.3	No	1	1
7	709	65.0	13	70	75.0	74.7	63.7	0.3	No	1	1
7	709	67.8	14	70	75.2	74.8	64.3	0.4	No	1	1
7	709	70.6	15	70	75.4	75.0	64.7	0.4	No	1	1
7	710	31.4	1	70	61.7	61.6	46.1	0.1	No	1	0
7	710	34.2	2	70	64.4	64.3	48.7	0.1	No	1	0
7	710	37.0	3	70	67.3	67.1	53.0	0.2	No	1	0
7	710	39.8	4	70	69.8	69.6	57.1	0.2	No	1	0
7	710	42.6	5	70	71.0	70.8	58.5	0.2	No	1	1
7	710	45.4	6	70	71.7	71.5	58.9	0.2	No	1	1
7	710	48.2	7	70	72.2	72.0	59.1	0.2	No	1	1
7	710	51.0	8	70	72.7	72.5	59.3	0.2	No	1	1
7	710	53.8	9	70	73.1	72.9	59.6	0.2	No	1	1
7	710	56.6	10	70	73.5	73.3	60.0	0.2	No	1	1
7	710	59.4	11	70	73.7	73.5	60.7	0.2	No	1	1
7	710	62.2	12	70	74.0	73.8	61.4	0.2	No	1	1
7	710	65.0	13	70	74.3	74.0	62.2	0.3	No	1	1
7	710	67.8	14	70	74.6	74.3	63.0	0.3	No	1	1
7	710	70.6	15	70	74.7	74.4	63.5	0.3	No	1	1
7	711	31.4	1	70	61.3	61.2	45.3	0.1	No	1	0
7	711	34.2	2	70	63.6	63.5	47.5	0.1	No	1	0
7	711	37.0	3	70	66.0	65.9	51.1	0.1	No	1	0
7	711	39.8	4	70	68.6	68.4	55.1	0.2	No	1	0
7	711	42.6	5	70	70.1	69.9	57.5	0.2	No	1	0
7	711	45.4	6	70	70.8	70.6	58.0	0.2	No	1	1
7	711	48.2	7	70	71.4	71.2	58.2	0.2	No	1	1
7	711	51.0	8	70	71.8	71.6	58.5	0.2	No	1	1
7	711	53.8	9	70	72.3	72.1	58.6	0.2	No	1	1
7	711	56.6	10	70	72.7	72.5	59.0	0.2	No	1	1
7	711	59.4	11	70	73.0	72.8	59.4	0.2	No	1	1
7	711	62.2	12	70	73.3	73.1	60.1	0.2	No	1	1
7	711	65.0	13	70	73.5	73.3	60.8	0.2	No	1	1
7	711	67.8	14	70	73.9	73.6	61.5	0.3	No	1	1
7	711	70.6	15	70	74.1	73.8	62.3	0.3	No	1	1
7	712	31.4	1	70	60.7	60.6	44.5	0.1	No	1	0
7	712	34.2	2	70	63.0	62.9	46.5	0.1	No	1	0
7	712	37.0	3	70	65.4	65.3	49.1	0.1	No	1	0
7	712	39.8	4	70	67.7	67.5	53.0	0.2	No	1	0
7	712	42.6	5	70	69.3	69.1	56.5	0.2	No	1	0
7	712	45.4	6	70	70.2	70.0	57.3	0.2	No	1	0
7	712	48.2	7	70	70.8	70.6	57.4	0.2	No	1	1
7	712	51.0	8	70	71.3	71.1	57.6	0.2	No	1	1
7	712	53.8	9	70	71.6	71.4	57.8	0.2	No	1	1
7	712	56.6	10	70	72.1	71.9	58.0	0.2	No	1	1
7	712	59.4	11	70	72.4	72.2	58.5	0.2	No	1	1
7	712	62.2	12	70	72.7	72.5	58.9	0.2	No	1	1
7	712	65.0	13	70	73.0	72.8	59.6	0.2	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	712	67.8	14	70	73.3	73.1	60.2	0.2	No	1	1
7	712	70.6	15	70	73.6	73.4	60.9	0.2	No	1	1
7	713	31.4	1	70	68.8	68.7	50.1	0.1	No	1	0
7	713	34.2	2	70	72.2	72.1	53.0	0.1	No	1	1
7	713	37.0	3	70	75.1	75.0	56.5	0.1	No	1	1
7	713	39.8	4	70	76.6	76.5	61.1	0.1	No	1	1
7	713	42.6	5	70	77.4	77.1	64.9	0.3	No	1	1
7	713	45.4	6	70	77.7	77.4	65.9	0.3	No	1	1
7	713	48.2	7	70	78.1	77.8	66.0	0.3	No	1	1
7	713	51.0	8	70	78.5	78.3	65.9	0.2	No	1	1
7	713	53.8	9	70	78.7	78.5	65.8	0.2	No	1	1
7	713	56.6	10	70	79.0	78.8	65.7	0.2	No	1	1
7	713	59.4	11	70	79.0	78.8	65.6	0.2	No	1	1
7	713	62.2	12	70	79.0	78.8	65.5	0.2	No	1	1
7	713	65.0	13	70	79.0	78.8	65.3	0.2	No	1	1
7	713	67.8	14	70	79.0	78.8	65.2	0.2	No	1	1
7	713	70.6	15	70	78.9	78.7	65.1	0.2	No	1	1
7	714	31.4	1	70	67.3	67.3	47.9	0.0	No	1	0
7	714	34.2	2	70	70.3	70.3	50.2	0.0	No	1	0
7	714	37.0	3	70	73.0	73.0	52.7	0.0	No	1	1
7	714	39.8	4	70	75.0	74.9	55.7	0.1	No	1	1
7	714	42.6	5	70	76.0	75.9	59.6	0.1	No	1	1
7	714	45.4	6	70	76.6	76.4	63.2	0.2	No	1	1
7	714	48.2	7	70	76.9	76.6	64.5	0.3	No	1	1
7	714	51.0	8	70	77.1	76.8	64.8	0.3	No	1	1
7	714	53.8	9	70	77.3	77.1	64.8	0.2	No	1	1
7	714	56.6	10	70	77.7	77.5	64.8	0.2	No	1	1
7	714	59.4	11	70	78.1	77.9	64.7	0.2	No	1	1
7	714	62.2	12	70	78.2	78.0	64.6	0.2	No	1	1
7	714	65.0	13	70	78.2	78.0	64.5	0.2	No	1	1
7	714	67.8	14	70	78.3	78.1	64.4	0.2	No	1	1
7	714	70.6	15	70	78.3	78.1	64.2	0.2	No	1	1
7	715	31.4	1	70	65.3	65.2	46.2	0.1	No	1	0
7	715	34.2	2	70	67.8	67.8	48.2	0.0	No	1	0
7	715	37.0	3	70	69.9	69.9	50.2	0.0	No	1	0
7	715	39.8	4	70	71.8	71.8	52.4	0.0	No	1	1
7	715	42.6	5	70	73.3	73.2	55.0	0.1	No	1	1
7	715	45.4	6	70	74.1	74.0	58.7	0.1	No	1	1
7	715	48.2	7	70	74.6	74.4	61.6	0.2	No	1	1
7	715	51.0	8	70	74.9	74.6	63.3	0.3	No	1	1
7	715	53.8	9	70	75.1	74.8	63.9	0.3	No	1	1
7	715	56.6	10	70	75.4	75.1	63.9	0.3	No	1	1
7	715	59.4	11	70	76.3	76.0	64.0	0.3	No	1	1
7	715	62.2	12	70	76.9	76.7	63.9	0.2	No	1	1
7	715	65.0	13	70	77.3	77.1	63.8	0.2	No	1	1
7	715	67.8	14	70	77.7	77.5	63.7	0.2	No	1	1
7	715	70.6	15	70	77.7	77.5	63.6	0.2	No	1	1
7	716	31.4	1	70	63.5	63.4	44.9	0.1	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	716	34.2	2	70	65.9	65.9	46.5	0.0	No	1	0
7	716	37.0	3	70	67.6	67.5	48.3	0.1	No	1	0
7	716	39.8	4	70	69.2	69.1	50.1	0.1	No	1	0
7	716	42.6	5	70	70.8	70.7	52.2	0.1	No	1	1
7	716	45.4	6	70	71.7	71.6	54.5	0.1	No	1	1
7	716	48.2	7	70	72.5	72.3	57.8	0.2	No	1	1
7	716	51.0	8	70	72.9	72.7	60.4	0.2	No	1	1
7	716	53.8	9	70	73.3	72.9	62.3	0.4	No	1	1
7	716	56.6	10	70	73.7	73.3	62.9	0.4	No	1	1
7	716	59.4	11	70	74.5	74.2	63.3	0.3	No	1	1
7	716	62.2	12	70	75.4	75.1	63.3	0.3	No	1	1
7	716	65.0	13	70	76.2	76.0	63.2	0.2	No	1	1
7	716	67.8	14	70	76.6	76.4	63.1	0.2	No	1	1
7	716	70.6	15	70	76.9	76.7	63.0	0.2	No	1	1
7	717	31.4	1	70	61.8	61.7	42.9	0.1	No	1	0
7	717	34.2	2	70	64.1	64.1	44.3	0.0	No	1	0
7	717	37.0	3	70	65.6	65.6	45.7	0.0	No	1	0
7	717	39.8	4	70	67.0	67.0	47.2	0.0	No	1	0
7	717	42.6	5	70	68.4	68.4	49.0	0.0	No	1	0
7	717	45.4	6	70	69.7	69.6	50.7	0.1	No	1	0
7	717	48.2	7	70	70.4	70.3	52.8	0.1	No	1	0
7	717	51.0	8	70	71.0	70.9	55.5	0.1	No	1	1
7	717	53.8	9	70	71.5	71.3	58.2	0.2	No	1	1
7	717	56.6	10	70	72.1	71.8	60.2	0.3	No	1	1
7	717	59.4	11	70	72.9	72.6	61.1	0.3	No	1	1
7	717	62.2	12	70	74.0	73.7	61.6	0.3	No	1	1
7	717	65.0	13	70	74.8	74.6	61.7	0.2	No	1	1
7	717	67.8	14	70	75.6	75.4	61.8	0.2	No	1	1
7	717	70.6	15	70	76.0	75.8	62.0	0.2	No	1	1
7	718	31.4	1	70	60.5	60.4	41.3	0.1	No	1	0
7	718	34.2	2	70	62.7	62.7	42.5	0.0	No	1	0
7	718	37.0	3	70	64.1	64.1	43.8	0.0	No	1	0
7	718	39.8	4	70	65.2	65.2	45.1	0.0	No	1	0
7	718	42.6	5	70	66.5	66.5	46.4	0.0	No	1	0
7	718	45.4	6	70	67.7	67.7	48.1	0.0	No	1	0
7	718	48.2	7	70	68.8	68.7	49.7	0.1	No	1	0
7	718	51.0	8	70	69.5	69.4	51.6	0.1	No	1	0
7	718	53.8	9	70	70.1	70.0	53.9	0.1	No	1	0
7	718	56.6	10	70	70.7	70.5	56.2	0.2	No	1	1
7	718	59.4	11	70	71.5	71.3	58.4	0.2	No	1	1
7	718	62.2	12	70	72.7	72.5	59.7	0.2	No	1	1
7	718	65.0	13	70	73.8	73.6	60.2	0.2	No	1	1
7	718	67.8	14	70	74.7	74.5	60.4	0.2	No	1	1
7	718	70.6	15	70	75.2	75.0	60.6	0.2	No	1	1
7	719	31.4	1	70	59.3	59.2	40.0	0.1	No	1	0
7	719	34.2	2	70	61.4	61.4	40.9	0.0	No	1	0
7	719	37.0	3	70	62.8	62.8	42.1	0.0	No	1	0
7	719	39.8	4	70	63.9	63.9	43.2	0.0	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	719	42.6	5	70	65.0	65.0	44.5	0.0	No	1	0
7	719	45.4	6	70	66.1	66.1	45.8	0.0	No	1	0
7	719	48.2	7	70	67.2	67.2	47.2	0.0	No	1	0
7	719	51.0	8	70	68.2	68.1	48.8	0.1	No	1	0
7	719	53.8	9	70	68.7	68.6	50.5	0.1	No	1	0
7	719	56.6	10	70	69.4	69.3	52.5	0.1	No	1	0
7	719	59.4	11	70	70.2	70.1	54.5	0.1	No	1	0
7	719	62.2	12	70	71.6	71.5	56.8	0.1	No	1	1
7	719	65.0	13	70	72.8	72.7	58.1	0.1	No	1	1
7	719	67.8	14	70	73.7	73.6	58.8	0.1	No	1	1
7	719	70.6	15	70	74.4	74.3	59.2	0.1	No	1	1
7	720	31.4	1	70	58.3	58.3	38.7	0.0	No	1	0
7	720	34.2	2	70	60.4	60.4	39.7	0.0	No	1	0
7	720	37.0	3	70	61.8	61.8	40.6	0.0	No	1	0
7	720	39.8	4	70	62.7	62.7	41.7	0.0	No	1	0
7	720	42.6	5	70	63.8	63.8	42.8	0.0	No	1	0
7	720	45.4	6	70	64.9	64.9	43.9	0.0	No	1	0
7	720	48.2	7	70	66.0	66.0	45.2	0.0	No	1	0
7	720	51.0	8	70	67.0	67.0	46.4	0.0	No	1	0
7	720	53.8	9	70	67.8	67.8	47.8	0.0	No	1	0
7	720	56.6	10	70	68.5	68.4	49.4	0.1	No	1	0
7	720	59.4	11	70	69.4	69.3	51.1	0.1	No	1	0
7	720	62.2	12	70	70.6	70.5	53.2	0.1	No	1	1
7	720	65.0	13	70	72.0	71.9	55.4	0.1	No	1	1
7	720	67.8	14	70	72.9	72.8	56.6	0.1	No	1	1
7	720	70.6	15	70	73.6	73.5	57.6	0.1	No	1	1
7	721	31.4	1	70	57.7	57.7	37.8	0.0	No	1	0
7	721	34.2	2	70	59.7	59.7	38.7	0.0	No	1	0
7	721	37.0	3	70	61.1	61.1	39.5	0.0	No	1	0
7	721	39.8	4	70	62.1	62.1	40.5	0.0	No	1	0
7	721	42.6	5	70	63.0	63.0	41.4	0.0	No	1	0
7	721	45.4	6	70	64.2	64.2	42.5	0.0	No	1	0
7	721	48.2	7	70	65.3	65.3	43.7	0.0	No	1	0
7	721	51.0	8	70	66.5	66.5	44.8	0.0	No	1	0
7	721	53.8	9	70	67.4	67.4	46.0	0.0	No	1	0
7	721	56.6	10	70	68.1	68.1	47.3	0.0	No	1	0
7	721	59.4	11	70	68.9	68.9	48.7	0.0	No	1	0
7	721	62.2	12	70	70.0	70.0	50.4	0.0	No	1	0
7	721	65.0	13	70	71.3	71.2	52.1	0.1	No	1	1
7	721	67.8	14	70	72.3	72.2	54.4	0.1	No	1	1
7	721	70.6	15	70	73.0	72.9	55.5	0.1	No	1	1
7	722	31.4	1	70	57.2	57.2	37.0	0.0	No	1	0
7	722	34.2	2	70	59.1	59.1	37.7	0.0	No	1	0
7	722	37.0	3	70	60.5	60.5	38.4	0.0	No	1	0
7	722	39.8	4	70	61.5	61.5	39.3	0.0	No	1	0
7	722	42.6	5	70	62.4	62.4	40.3	0.0	No	1	0
7	722	45.4	6	70	63.6	63.6	41.2	0.0	No	1	0
7	722	48.2	7	70	64.9	64.9	42.2	0.0	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
7	722	51.0	8	70	66.1	66.1	43.3	0.0	No	1	0
7	722	53.8	9	70	67.1	67.1	44.4	0.0	No	1	0
7	722	56.6	10	70	67.8	67.8	45.5	0.0	No	1	0
7	722	59.4	11	70	68.6	68.6	46.8	0.0	No	1	0
7	722	62.2	12	70	69.4	69.4	48.1	0.0	No	1	0
7	722	65.0	13	70	70.7	70.7	49.7	0.0	No	1	1
7	722	67.8	14	70	71.7	71.7	51.4	0.0	No	1	1
7	722	70.6	15	70	72.6	72.5	53.3	0.1	No	1	1
7	723	31.4	1	70	56.8	56.8	36.2	0.0	No	1	0
7	723	34.2	2	70	58.7	58.7	36.9	0.0	No	1	0
7	723	37.0	3	70	60.1	60.1	37.6	0.0	No	1	0
7	723	39.8	4	70	61.1	61.1	38.4	0.0	No	1	0
7	723	42.6	5	70	62.0	62.0	39.3	0.0	No	1	0
7	723	45.4	6	70	63.1	63.1	40.1	0.0	No	1	0
7	723	48.2	7	70	64.5	64.5	41.1	0.0	No	1	0
7	723	51.0	8	70	65.8	65.8	41.9	0.0	No	1	0
7	723	53.8	9	70	66.8	66.8	43.0	0.0	No	1	0
7	723	56.6	10	70	67.6	67.6	44.0	0.0	No	1	0
7	723	59.4	11	70	68.3	68.3	45.1	0.0	No	1	0
7	723	62.2	12	70	69.2	69.2	46.3	0.0	No	1	0
7	723	65.0	13	70	70.3	70.3	47.5	0.0	No	1	0
7	723	67.8	14	70	71.3	71.3	49.0	0.0	No	1	1
7	723	70.6	15	70	72.1	72.1	50.7	0.0	No	1	1
7	724	31.4	1	70	56.6	56.6	35.6	0.0	No	1	0
7	724	34.2	2	70	58.4	58.4	36.2	0.0	No	1	0
7	724	37.0	3	70	59.8	59.8	36.9	0.0	No	1	0
7	724	39.8	4	70	60.8	60.8	37.6	0.0	No	1	0
7	724	42.6	5	70	61.7	61.7	38.4	0.0	No	1	0
7	724	45.4	6	70	62.8	62.8	39.3	0.0	No	1	0
7	724	48.2	7	70	64.1	64.1	40.1	0.0	No	1	0
7	724	51.0	8	70	65.5	65.5	41.0	0.0	No	1	0
7	724	53.8	9	70	66.6	66.6	41.8	0.0	No	1	0
7	724	56.6	10	70	67.4	67.4	42.8	0.0	No	1	0
7	724	59.4	11	70	68.2	68.2	43.8	0.0	No	1	0
7	724	62.2	12	70	69.0	69.0	44.8	0.0	No	1	0
7	724	65.0	13	70	70.0	70.0	46.0	0.0	No	1	0
7	724	67.8	14	70	71.0	71.0	47.2	0.0	No	1	1
7	724	70.6	15	70	71.8	71.8	48.6	0.0	No	1	1
8	801	31.4	1	70	62.1	61.9	48.1	0.2	No	4	0
8	801	34.2	2	70	63.5	63.3	48.9	0.2	No	4	0
8	801	37.0	3	70	64.5	64.4	49.4	0.1	No	4	0
8	801	39.8	4	70	65.4	65.3	49.7	0.1	No	4	0
8	801	42.6	5	70	66.2	66.1	50.1	0.1	No	4	0
8	801	45.4	6	70	67.0	66.9	50.4	0.1	No	4	0
8	801	48.2	7	70	67.7	67.6	50.7	0.1	No	4	0
8	801	51.0	8	70	68.5	68.4	51.2	0.1	No	4	0
8	801	53.8	9	70	69.0	68.9	51.6	0.1	No	4	0
8	801	56.6	10	70	69.7	69.6	52.2	0.1	No	4	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
8	801	59.4	11	70	70.4	70.3	52.9	0.1	No	4	0
8	801	62.2	12	70	71.1	71.0	53.7	0.1	No	4	4
8	801	65.0	13	70	71.7	71.6	54.7	0.1	No	4	4
8	801	67.8	14	70	72.4	72.3	55.9	0.1	No	4	4
8	801	70.6	15	70	72.9	72.8	57.1	0.1	No	4	4
8	801	73.4	16	70	73.4	73.3	58.4	0.1	No	4	4
8	801	76.2	17	70	73.8	73.6	59.7	0.2	No	4	4
8	801	79.0	18	70	74.1	73.9	60.5	0.2	No	4	4
8	801	81.8	19	70	74.5	74.3	61.1	0.2	No	4	4
8	801	84.6	20	70	74.9	74.7	61.6	0.2	No	4	4
8	801	87.4	21	70	75.4	75.2	62.1	0.2	No	4	4
8	801	90.2	22	70	75.8	75.6	62.7	0.2	No	4	4
8	801	93.0	23	70	76.1	75.9	63.4	0.2	No	4	4
8	802	31.4	1	70	65.8	65.5	53.6	0.3	No	4	0
8	802	34.2	2	70	66.7	66.4	54.2	0.3	No	4	0
8	802	37.0	3	70	67.7	67.5	54.5	0.2	No	4	0
8	802	39.8	4	70	68.5	68.3	54.8	0.2	No	4	0
8	802	42.6	5	70	69.1	68.9	55.1	0.2	No	4	0
8	802	45.4	6	70	69.7	69.5	55.2	0.2	No	4	0
8	802	48.2	7	70	70.1	70.0	55.3	0.1	No	4	0
8	802	51.0	8	70	70.5	70.4	55.6	0.1	No	4	4
8	802	53.8	9	70	70.9	70.8	55.7	0.1	No	4	4
8	802	56.6	10	70	71.4	71.3	56.1	0.1	No	4	4
8	802	59.4	11	70	71.7	71.6	56.3	0.1	No	4	4
8	802	62.2	12	70	72.1	72.0	56.8	0.1	No	4	4
8	802	65.0	13	70	72.4	72.3	57.3	0.1	No	4	4
8	802	67.8	14	70	72.9	72.8	58.0	0.1	No	4	4
8	802	70.6	15	70	73.4	73.2	58.8	0.2	No	4	4
8	802	73.4	16	70	73.7	73.5	59.6	0.2	No	4	4
8	802	76.2	17	70	73.9	73.7	60.5	0.2	No	4	4
8	802	79.0	18	70	74.2	74.0	61.2	0.2	No	4	4
8	802	81.8	19	70	74.7	74.5	61.8	0.2	No	4	4
8	802	84.6	20	70	75.3	75.1	62.2	0.2	No	4	4
8	802	87.4	21	70	75.7	75.5	62.6	0.2	No	4	4
8	802	90.2	22	70	76.0	75.8	62.9	0.2	No	4	4
8	802	93.0	23	70	76.3	76.1	63.3	0.2	No	4	4
8	803	31.4	1	70	60.6	60.5	44.2	0.1	No	3	0
8	803	34.2	2	70	62.8	62.7	46.7	0.1	No	3	0
8	803	37.0	3	70	65.5	65.3	51.0	0.2	No	3	0
8	803	39.8	4	70	67.8	67.6	55.0	0.2	No	3	0
8	803	42.6	5	70	69.0	68.8	55.9	0.2	No	3	0
8	803	45.4	6	70	69.7	69.5	56.1	0.2	No	3	0
8	803	48.2	7	70	70.2	70.0	56.3	0.2	No	3	0
8	803	51.0	8	70	70.6	70.4	56.4	0.2	No	3	3
8	803	53.8	9	70	70.9	70.7	56.7	0.2	No	3	3
8	803	56.6	10	70	71.3	71.1	56.9	0.2	No	3	3
8	803	59.4	11	70	71.6	71.4	57.0	0.2	No	3	3
8	803	62.2	12	70	72.0	71.8	57.4	0.2	No	3	3

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
8	803	65.0	13	70	72.3	72.1	57.7	0.2	No	3	3
8	803	67.8	14	70	72.7	72.5	58.3	0.2	No	3	3
8	803	70.6	15	70	73.0	72.8	59.1	0.2	No	3	3
8	803	73.4	16	70	73.3	73.1	59.6	0.2	No	3	3
8	803	76.2	17	70	73.8	73.6	60.3	0.2	No	3	3
8	803	79.0	18	70	74.7	74.5	61.0	0.2	No	3	3
8	803	81.8	19	70	75.3	75.1	61.5	0.2	No	3	3
8	803	84.6	20	70	75.7	75.5	61.9	0.2	No	3	3
8	803	87.4	21	70	76.0	75.8	62.3	0.2	No	3	3
8	803	90.2	22	70	76.2	76.0	62.5	0.2	No	3	3
8	803	93.0	23	70	76.4	76.2	62.8	0.2	No	3	3
8	804	31.4	1	70	56.9	56.9	37.4	0.0	No	3	0
8	804	34.2	2	70	58.6	58.6	37.8	0.0	No	3	0
8	804	37.0	3	70	60.0	60.0	38.1	0.0	No	3	0
8	804	39.8	4	70	60.9	60.9	38.4	0.0	No	3	0
8	804	42.6	5	70	62.1	62.1	38.8	0.0	No	3	0
8	804	45.4	6	70	63.5	63.5	39.3	0.0	No	3	0
8	804	48.2	7	70	64.9	64.9	39.9	0.0	No	3	0
8	804	51.0	8	70	66.2	66.2	40.4	0.0	No	3	0
8	804	53.8	9	70	67.2	67.2	41.1	0.0	No	3	0
8	804	56.6	10	70	68.1	68.1	41.7	0.0	No	3	0
8	804	59.4	11	70	68.7	68.7	42.5	0.0	No	3	0
8	804	62.2	12	70	69.4	69.4	43.4	0.0	No	3	0
8	804	65.0	13	70	70.2	70.2	44.4	0.0	No	3	0
8	804	67.8	14	70	71.1	71.1	45.5	0.0	No	3	3
8	804	70.6	15	70	71.8	71.8	46.7	0.0	No	3	3
8	804	73.4	16	70	72.4	72.4	48.3	0.0	No	3	3
8	804	76.2	17	70	73.0	73.0	50.3	0.0	No	3	3
8	804	79.0	18	70	73.6	73.6	52.3	0.0	No	3	3
8	804	81.8	19	70	74.2	74.2	54.1	0.0	No	3	3
8	804	84.6	20	70	74.9	74.8	55.7	0.1	No	3	3
8	804	87.4	21	70	75.4	75.3	56.8	0.1	No	3	3
8	804	90.2	22	70	75.8	75.7	57.7	0.1	No	3	3
8	804	93.0	23	70	76.1	76.0	58.7	0.1	No	3	3
8	805	31.4	1	70	55.3	55.2	36.3	0.1	No	4	0
8	805	34.2	2	70	58.2	58.2	36.5	0.0	No	4	0
8	805	37.0	3	70	61.2	61.2	36.8	0.0	No	4	0
8	805	39.8	4	70	63.1	63.1	37.0	0.0	No	4	0
8	805	42.6	5	70	64.5	64.5	37.4	0.0	No	4	0
8	805	45.4	6	70	65.8	65.8	37.9	0.0	No	4	0
8	805	48.2	7	70	67.0	67.0	38.3	0.0	No	4	0
8	805	51.0	8	70	68.2	68.2	38.8	0.0	No	4	0
8	805	53.8	9	70	69.1	69.1	39.4	0.0	No	4	0
8	805	56.6	10	70	69.8	69.8	40.0	0.0	No	4	0
8	805	59.4	11	70	70.4	70.4	40.6	0.0	No	4	0
8	805	62.2	12	70	71.0	71.0	41.5	0.0	No	4	4
8	805	65.0	13	70	71.8	71.8	42.3	0.0	No	4	4
8	805	67.8	14	70	72.5	72.5	43.4	0.0	No	4	4

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
8	805	70.6	15	70	73.1	73.1	44.4	0.0	No	4	4
8	805	73.4	16	70	73.5	73.5	45.6	0.0	No	4	4
8	805	76.2	17	70	73.8	73.8	47.2	0.0	No	4	4
8	805	79.0	18	70	74.1	74.1	49.4	0.0	No	4	4
8	805	81.8	19	70	74.6	74.6	51.7	0.0	No	4	4
8	805	84.6	20	70	75.0	75.0	52.9	0.0	No	4	4
8	805	87.4	21	70	75.3	75.3	53.7	0.0	No	4	4
8	805	90.2	22	70	75.7	75.7	55.2	0.0	No	4	4
8	805	93.0	23	70	76.0	75.9	56.6	0.1	No	4	4
8	806	31.4	1	70	56.6	56.6	35.3	0.0	No	4	0
8	806	34.2	2	70	59.7	59.7	35.3	0.0	No	4	0
8	806	37.0	3	70	62.6	62.6	35.3	0.0	No	4	0
8	806	39.8	4	70	64.5	64.5	35.7	0.0	No	4	0
8	806	42.6	5	70	66.2	66.2	36.0	0.0	No	4	0
8	806	45.4	6	70	67.7	67.7	36.4	0.0	No	4	0
8	806	48.2	7	70	68.9	68.9	36.9	0.0	No	4	0
8	806	51.0	8	70	69.8	69.8	37.3	0.0	No	4	0
8	806	53.8	9	70	70.7	70.7	37.9	0.0	No	4	4
8	806	56.6	10	70	71.3	71.3	38.6	0.0	No	4	4
8	806	59.4	11	70	72.1	72.1	39.4	0.0	No	4	4
8	806	62.2	12	70	72.9	72.9	40.3	0.0	No	4	4
8	806	65.0	13	70	73.6	73.6	41.2	0.0	No	4	4
8	806	67.8	14	70	74.0	74.0	42.4	0.0	No	4	4
8	806	70.6	15	70	74.3	74.3	43.6	0.0	No	4	4
8	806	73.4	16	70	74.6	74.6	44.9	0.0	No	4	4
8	806	76.2	17	70	74.9	74.9	46.7	0.0	No	4	4
8	806	79.0	18	70	75.1	75.1	49.5	0.0	No	4	4
8	806	81.8	19	70	75.4	75.4	51.2	0.0	No	4	4
8	806	84.6	20	70	75.7	75.7	52.0	0.0	No	4	4
8	806	87.4	21	70	75.9	75.9	53.0	0.0	No	4	4
8	806	90.2	22	70	76.1	76.1	54.1	0.0	No	4	4
8	806	93.0	23	70	76.3	76.3	55.8	0.0	No	4	4
9	901	37.3	1	65	77.4	77.3	59.6	0.1	No	3	3
9	901	40.3	2	65	78.9	78.7	64.3	0.2	No	3	3
9	901	43.3	3	65	79.5	79.2	68.0	0.3	Yes	3	3
9	901	46.3	4	65	80.0	79.6	68.9	0.4	Yes	3	3
9	901	49.3	5	65	80.3	80.0	68.9	0.3	Yes	3	3
9	901	52.3	6	65	80.7	80.4	68.9	0.3	Yes	3	3
9	902	37.3	1	65	77.4	77.3	59.6	0.1	No	3	3
9	902	40.3	2	65	78.9	78.8	64.1	0.1	No	3	3
9	902	43.3	3	65	79.7	79.4	67.4	0.3	Yes	3	3
9	902	46.3	4	65	80.0	79.7	68.3	0.3	Yes	3	3
9	902	49.3	5	65	80.6	80.3	68.4	0.3	Yes	3	3
9	902	52.3	6	65	80.9	80.7	68.4	0.2	Yes	3	3
10	1001	39.2	1	70	69.3	69.3	37.2	0.0	No	1	0
10	1001	42.2	2	70	69.6	69.6	37.8	0.0	No	1	0
10	1001	45.2	3	70	69.7	69.7	38.3	0.0	No	1	0
10	1001	48.2	4	70	69.8	69.8	38.9	0.0	No	1	0

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
10	1001	51.2	5	70	70.0	70.0	39.6	0.0	No	1	0
10	1001	54.2	6	70	70.2	70.2	40.2	0.0	No	1	0
10	1001	57.2	7	70	70.4	70.4	41.0	0.0	No	1	0
10	1001	60.2	8	70	70.7	70.7	41.9	0.0	No	1	1
10	1001	63.2	9	70	71.2	71.2	42.6	0.0	No	1	1
10	1001	66.2	10	70	71.8	71.8	43.6	0.0	No	1	1
10	1001	69.2	11	70	72.2	72.2	44.6	0.0	No	1	1
10	1001	72.2	12	70	72.4	72.4	45.7	0.0	No	1	1
10	1001	75.2	13	70	72.6	72.6	47.0	0.0	No	1	1
10	1001	78.2	14	70	72.7	72.7	48.2	0.0	No	1	1
10	1001	81.2	15	70	72.9	72.9	50.0	0.0	No	1	1
10	1001	84.2	16	70	73.1	73.1	51.3	0.0	No	1	1
10	1001	87.2	17	70	73.2	73.2	53.2	0.0	No	1	1
10	1001	90.2	18	70	73.6	73.5	54.3	0.1	No	1	1
10	1001	93.2	19	70	73.7	73.6	54.9	0.1	No	1	1
10	1001	96.2	20	70	73.8	73.7	55.4	0.1	No	1	1
10	1001	99.2	21	70	74.0	73.9	55.9	0.1	No	1	1
10	1001	102.2	22	70	74.2	74.1	56.5	0.1	No	1	1
10	1001	105.2	23	70	74.3	74.2	57.1	0.1	No	1	1
10	1001	108.2	24	70	74.4	74.3	57.9	0.1	No	1	1
10	1001	111.2	25	70	74.6	74.5	58.7	0.1	No	1	1
10	1001	114.2	26	70	74.7	74.6	59.3	0.1	No	1	1
10	1001	117.2	27	70	74.8	74.7	59.8	0.1	No	1	1
10	1001	120.2	28	70	74.9	74.7	60.3	0.2	No	1	1
10	1001	123.2	29	70	75.0	74.8	60.7	0.2	No	1	1
10	1001	126.2	30	70	75.1	74.9	61.1	0.2	No	1	1
10	1001	129.2	31	70	75.1	74.9	61.2	0.2	No	1	1
10	1001	132.2	32	70	75.2	75.0	61.3	0.2	No	1	1
10	1001	135.2	33	70	75.2	75.0	61.4	0.2	No	1	1
10	1001	138.2	34	70	75.3	75.1	61.5	0.2	No	1	1
10	1001	141.2	35	70	75.3	75.1	61.6	0.2	No	1	1
10	1002	39.2	1	70	68.5	68.5	40.6	0.0	No	2	0
10	1002	42.2	2	70	70.3	70.3	41.3	0.0	No	2	0
10	1002	45.2	3	70	71.6	71.6	42.3	0.0	No	2	2
10	1002	48.2	4	70	72.6	72.6	43.1	0.0	No	2	2
10	1002	51.2	5	70	73.3	73.3	44.0	0.0	No	2	2
10	1002	54.2	6	70	73.9	73.9	45.0	0.0	No	2	2
10	1002	57.2	7	70	74.5	74.5	46.0	0.0	No	2	2
10	1002	60.2	8	70	75.0	75.0	47.1	0.0	No	2	2
10	1002	63.2	9	70	75.4	75.4	48.3	0.0	No	2	2
10	1002	66.2	10	70	75.7	75.7	49.6	0.0	No	2	2
10	1002	69.2	11	70	76.0	76.0	51.0	0.0	No	2	2
10	1002	72.2	12	70	76.2	76.2	53.4	0.0	No	2	2
10	1002	75.2	13	70	76.3	76.3	54.4	0.0	No	2	2
10	1002	78.2	14	70	76.4	76.4	56.1	0.0	No	2	2
10	1002	81.2	15	70	76.5	76.5	57.1	0.0	No	2	2
10	1002	84.2	16	70	76.8	76.7	57.8	0.1	No	2	2
10	1002	87.2	17	70	76.9	76.8	58.1	0.1	No	2	2

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
10	1002	90.2	18	70	77.0	76.9	58.6	0.1	No	2	2
10	1002	93.2	19	70	77.1	77.0	58.8	0.1	No	2	2
10	1002	96.2	20	70	77.2	77.1	58.9	0.1	No	2	2
10	1002	99.2	21	70	77.3	77.2	59.1	0.1	No	2	2
10	1002	102.2	22	70	77.3	77.2	59.5	0.1	No	2	2
10	1002	105.2	23	70	77.4	77.3	60.0	0.1	No	2	2
10	1002	108.2	24	70	77.5	77.4	60.4	0.1	No	2	2
10	1002	111.2	25	70	77.5	77.4	60.9	0.1	No	2	2
10	1002	114.2	26	70	77.5	77.4	61.3	0.1	No	2	2
10	1002	117.2	27	70	77.6	77.5	61.6	0.1	No	2	2
10	1002	120.2	28	70	77.5	77.4	61.8	0.1	No	2	2
10	1002	123.2	29	70	77.6	77.5	61.9	0.1	No	2	2
10	1002	126.2	30	70	77.6	77.5	61.9	0.1	No	2	2
10	1002	129.2	31	70	77.6	77.5	62.0	0.1	No	2	2
10	1002	132.2	32	70	77.6	77.5	61.9	0.1	No	2	2
10	1002	135.2	33	70	77.6	77.5	61.9	0.1	No	2	2
10	1002	138.2	34	70	77.6	77.5	61.9	0.1	No	2	2
10	1002	141.2	35	70	77.6	77.5	61.9	0.1	No	2	2
11	1101	39.2	1	70	68.6	68.6	37.8	0.0	No	1	0
11	1101	42.2	2	70	69.1	69.1	38.4	0.0	No	1	0
11	1101	45.2	3	70	69.7	69.7	39.2	0.0	No	1	0
11	1101	48.2	4	70	70.1	70.1	39.8	0.0	No	1	0
11	1101	51.2	5	70	70.5	70.5	40.6	0.0	No	1	1
11	1101	54.2	6	70	70.8	70.8	41.2	0.0	No	1	1
11	1101	57.2	7	70	71.2	71.2	42.0	0.0	No	1	1
11	1101	60.2	8	70	71.6	71.6	42.9	0.0	No	1	1
11	1101	63.2	9	70	71.8	71.8	43.7	0.0	No	1	1
11	1101	66.2	10	70	72.1	72.1	44.6	0.0	No	1	1
11	1101	69.2	11	70	72.3	72.3	45.7	0.0	No	1	1
11	1101	72.2	12	70	72.5	72.5	46.8	0.0	No	1	1
11	1101	75.2	13	70	72.6	72.6	48.1	0.0	No	1	1
11	1101	78.2	14	70	72.7	72.7	49.3	0.0	No	1	1
11	1101	81.2	15	70	72.8	72.8	51.0	0.0	No	1	1
11	1101	84.2	16	70	72.8	72.8	52.4	0.0	No	1	1
11	1101	87.2	17	70	73.1	73.0	53.8	0.1	No	1	1
11	1101	90.2	18	70	73.1	73.0	54.6	0.1	No	1	1
11	1101	93.2	19	70	73.0	72.9	55.0	0.1	No	1	1
11	1101	96.2	20	70	73.0	72.9	55.3	0.1	No	1	1
11	1101	99.2	21	70	73.0	72.9	55.4	0.1	No	1	1
11	1101	102.2	22	70	73.0	72.9	55.5	0.1	No	1	1
11	1101	105.2	23	70	73.0	72.9	55.6	0.1	No	1	1
11	1101	108.2	24	70	73.0	72.9	55.6	0.1	No	1	1
11	1101	111.2	25	70	73.0	72.9	55.6	0.1	No	1	1
11	1101	114.2	26	70	73.0	72.9	55.5	0.1	No	1	1
11	1101	117.2	27	70	72.9	72.8	55.5	0.1	No	1	1
11	1101	120.2	28	70	73.0	72.9	55.4	0.1	No	1	1
11	1101	123.2	29	70	73.0	72.9	55.4	0.1	No	1	1
11	1101	126.2	30	70	73.0	72.9	55.3	0.1	No	1	1

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
11	1101	129.2	31	70	73.0	72.9	55.3	0.1	No	1	1
11	1101	132.2	32	70	73.0	72.9	55.2	0.1	No	1	1
11	1101	135.2	33	70	73.0	72.9	55.2	0.1	No	1	1
11	1101	138.2	34	70	73.1	73.0	55.2	0.1	No	1	1
11	1101	141.2	35	70	73.1	73.0	55.2	0.1	No	1	1
11	1102	39.2	1	70	70.8	70.8	40.8	0.0	No	2	2
11	1102	42.2	2	70	72.3	72.3	41.7	0.0	No	2	2
11	1102	45.2	3	70	73.2	73.2	42.6	0.0	No	2	2
11	1102	48.2	4	70	73.9	73.9	43.6	0.0	No	2	2
11	1102	51.2	5	70	74.5	74.5	44.5	0.0	No	2	2
11	1102	54.2	6	70	75.1	75.1	45.7	0.0	No	2	2
11	1102	57.2	7	70	75.6	75.6	46.5	0.0	No	2	2
11	1102	60.2	8	70	75.9	75.9	47.7	0.0	No	2	2
11	1102	63.2	9	70	76.2	76.2	49.0	0.0	No	2	2
11	1102	66.2	10	70	76.4	76.4	50.3	0.0	No	2	2
11	1102	69.2	11	70	76.7	76.7	52.0	0.0	No	2	2
11	1102	72.2	12	70	76.8	76.8	53.8	0.0	No	2	2
11	1102	75.2	13	70	77.0	77.0	55.3	0.0	No	2	2
11	1102	78.2	14	70	77.0	77.0	56.7	0.0	No	2	2
11	1102	81.2	15	70	77.2	77.1	57.8	0.1	No	2	2
11	1102	84.2	16	70	77.2	77.1	58.4	0.1	No	2	2
11	1102	87.2	17	70	77.3	77.2	58.8	0.1	No	2	2
11	1102	90.2	18	70	77.4	77.3	59.1	0.1	No	2	2
11	1102	93.2	19	70	77.4	77.3	59.3	0.1	No	2	2
11	1102	96.2	20	70	77.4	77.3	59.5	0.1	No	2	2
11	1102	99.2	21	70	77.5	77.4	59.6	0.1	No	2	2
11	1102	102.2	22	70	77.6	77.5	59.6	0.1	No	2	2
11	1102	105.2	23	70	77.6	77.5	59.7	0.1	No	2	2
11	1102	108.2	24	70	77.6	77.5	59.9	0.1	No	2	2
11	1102	111.2	25	70	77.5	77.4	60.0	0.1	No	2	2
11	1102	114.2	26	70	77.5	77.4	60.2	0.1	No	2	2
11	1102	117.2	27	70	77.6	77.5	60.4	0.1	No	2	2
11	1102	120.2	28	70	77.6	77.5	60.5	0.1	No	2	2
11	1102	123.2	29	70	77.6	77.5	60.6	0.1	No	2	2
11	1102	126.2	30	70	77.7	77.6	60.7	0.1	No	2	2
11	1102	129.2	31	70	77.6	77.5	60.8	0.1	No	2	2
11	1102	132.2	32	70	77.6	77.5	60.8	0.1	No	2	2
11	1102	135.2	33	70	77.6	77.5	60.9	0.1	No	2	2
11	1102	138.2	34	70	77.5	77.4	60.9	0.1	No	2	2
11	1102	141.2	35	70	77.6	77.5	60.9	0.1	No	2	2
12	1201	63.8	1	70	71.8	71.8	30.2	0.0	No	2	2
12	1201	66.8	2	70	73.2	73.2	30.2	0.0	No	2	2
12	1201	69.8	3	70	73.7	73.7	30.2	0.0	No	2	2
12	1201	72.8	4	70	73.9	73.9	30.1	0.0	No	2	2
12	1201	75.8	5	70	74.0	74.0	30.1	0.0	No	2	2
12	1201	78.8	6	70	74.0	74.0	30.2	0.0	No	2	2
12	1201	81.8	7	70	74.0	74.0	30.2	0.0	No	2	2
12	1201	84.8	8	70	74.0	74.0	30.5	0.0	No	2	2

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
12	1201	87.8	9	70	73.9	73.9	30.7	0.0	No	2	2
12	1201	90.8	10	70	74.0	74.0	30.9	0.0	No	2	2
12	1201	93.8	11	70	74.0	74.0	31.3	0.0	No	2	2
12	1201	96.8	12	70	74.0	74.0	31.6	0.0	No	2	2
12	1201	99.8	13	70	74.0	74.0	32.0	0.0	No	2	2
12	1201	102.8	14	70	74.0	74.0	32.5	0.0	No	2	2
12	1201	105.8	15	70	74.0	74.0	33.0	0.0	No	2	2
12	1201	108.8	16	70	73.9	73.9	33.6	0.0	No	2	2
12	1201	111.8	17	70	73.9	73.9	34.1	0.0	No	2	2
12	1201	114.8	18	70	74.0	74.0	34.8	0.0	No	2	2
12	1201	117.8	19	70	74.0	74.0	35.6	0.0	No	2	2
12	1201	120.8	20	70	74.1	74.1	36.4	0.0	No	2	2
12	1201	123.8	21	70	74.1	74.1	37.2	0.0	No	2	2
12	1201	126.8	22	70	74.1	74.1	38.1	0.0	No	2	2
12	1202	63.8	1	70	69.7	69.7	26.8	0.0	No	2	0
12	1202	66.8	2	70	72.5	72.5	26.8	0.0	No	2	2
12	1202	69.8	3	70	73.4	73.4	26.8	0.0	No	2	2
12	1202	72.8	4	70	73.8	73.8	26.7	0.0	No	2	2
12	1202	75.8	5	70	73.9	73.9	26.7	0.0	No	2	2
12	1202	78.8	6	70	74.0	74.0	26.7	0.0	No	2	2
12	1202	81.8	7	70	74.0	74.0	26.7	0.0	No	2	2
12	1202	84.8	8	70	74.1	74.1	26.7	0.0	No	2	2
12	1202	87.8	9	70	74.1	74.1	26.6	0.0	No	2	2
12	1202	90.8	10	70	74.2	74.2	26.6	0.0	No	2	2
12	1202	93.8	11	70	74.2	74.2	26.6	0.0	No	2	2
12	1202	96.8	12	70	74.2	74.2	26.7	0.0	No	2	2
12	1202	99.8	13	70	74.2	74.2	26.6	0.0	No	2	2
12	1202	102.8	14	70	74.2	74.2	26.6	0.0	No	2	2
12	1202	105.8	15	70	74.2	74.2	26.6	0.0	No	2	2
12	1202	108.8	16	70	74.2	74.2	26.6	0.0	No	2	2
12	1202	111.8	17	70	74.2	74.2	26.5	0.0	No	2	2
12	1202	114.8	18	70	74.2	74.2	26.5	0.0	No	2	2
12	1202	117.8	19	70	74.2	74.2	26.5	0.0	No	2	2
12	1202	120.8	20	70	74.2	74.2	26.5	0.0	No	2	2
12	1202	123.8	21	70	74.2	74.2	26.4	0.0	No	2	2
12	1202	126.8	22	70	74.2	74.2	26.4	0.0	No	2	2
13	1301	63.8	1	70	67.0	67.0	32.0	0.0	No	2	0
13	1301	66.8	2	70	72.2	72.2	32.3	0.0	No	2	2
13	1301	69.8	3	70	73.0	73.0	32.6	0.0	No	2	2
13	1301	72.8	4	70	73.6	73.6	32.9	0.0	No	2	2
13	1301	75.8	5	70	74.1	74.1	33.4	0.0	No	2	2
13	1301	78.8	6	70	74.4	74.4	33.8	0.0	No	2	2
13	1301	81.8	7	70	74.5	74.5	34.1	0.0	No	2	2
13	1301	84.8	8	70	74.6	74.6	34.6	0.0	No	2	2
13	1301	87.8	9	70	74.7	74.7	35.1	0.0	No	2	2
13	1301	90.8	10	70	74.7	74.7	35.7	0.0	No	2	2
13	1301	93.8	11	70	74.7	74.7	36.3	0.0	No	2	2
13	1301	96.8	12	70	74.7	74.7	36.8	0.0	No	2	2

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
13	1301	99.8	13	70	74.7	74.7	37.6	0.0	No	2	2
13	1301	102.8	14	70	74.7	74.7	38.2	0.0	No	2	2
13	1301	105.8	15	70	74.7	74.7	39.1	0.0	No	2	2
13	1301	108.8	16	70	74.8	74.8	40.0	0.0	No	2	2
13	1301	111.8	17	70	74.7	74.7	41.2	0.0	No	2	2
13	1301	114.8	18	70	74.7	74.7	42.1	0.0	No	2	2
13	1301	117.8	19	70	74.7	74.7	43.1	0.0	No	2	2
13	1301	120.8	20	70	74.7	74.7	44.2	0.0	No	2	2
13	1301	123.8	21	70	74.7	74.7	45.1	0.0	No	2	2
13	1301	126.8	22	70	74.7	74.7	45.9	0.0	No	2	2
13	1302	63.8	1	70	67.4	67.4	34.4	0.0	No	2	0
13	1302	66.8	2	70	72.3	72.3	35.0	0.0	No	2	2
13	1302	69.8	3	70	73.3	73.3	35.5	0.0	No	2	2
13	1302	72.8	4	70	73.9	73.9	36.0	0.0	No	2	2
13	1302	75.8	5	70	74.2	74.2	36.5	0.0	No	2	2
13	1302	78.8	6	70	74.4	74.4	37.1	0.0	No	2	2
13	1302	81.8	7	70	74.5	74.5	37.5	0.0	No	2	2
13	1302	84.8	8	70	74.5	74.5	38.1	0.0	No	2	2
13	1302	87.8	9	70	74.5	74.5	38.7	0.0	No	2	2
13	1302	90.8	10	70	74.6	74.6	39.2	0.0	No	2	2
13	1302	93.8	11	70	74.6	74.6	39.9	0.0	No	2	2
13	1302	96.8	12	70	74.6	74.6	40.4	0.0	No	2	2
13	1302	99.8	13	70	74.7	74.7	41.1	0.0	No	2	2
13	1302	102.8	14	70	74.7	74.7	41.8	0.0	No	2	2
13	1302	105.8	15	70	74.7	74.7	42.6	0.0	No	2	2
13	1302	108.8	16	70	74.7	74.7	43.4	0.0	No	2	2
13	1302	111.8	17	70	74.7	74.7	44.4	0.0	No	2	2
13	1302	114.8	18	70	74.7	74.7	45.4	0.0	No	2	2
13	1302	117.8	19	70	74.7	74.7	46.1	0.0	No	2	2
13	1302	120.8	20	70	74.7	74.7	47.1	0.0	No	2	2
13	1302	123.8	21	70	74.7	74.7	48.4	0.0	No	2	2
13	1302	126.8	22	70	74.7	74.7	49.0	0.0	No	2	2
14	1401	63.8	1	70	66.6	66.6	36.3	0.0	No	2	0
14	1401	66.8	2	70	71.7	71.7	38.9	0.0	No	2	2
14	1401	69.8	3	70	72.8	72.8	40.7	0.0	No	2	2
14	1401	72.8	4	70	73.3	73.3	41.0	0.0	No	2	2
14	1401	75.8	5	70	73.7	73.7	41.4	0.0	No	2	2
14	1401	78.8	6	70	74.0	74.0	41.7	0.0	No	2	2
14	1401	81.8	7	70	74.2	74.2	41.9	0.0	No	2	2
14	1401	84.8	8	70	74.3	74.3	42.2	0.0	No	2	2
14	1401	87.8	9	70	74.3	74.3	42.5	0.0	No	2	2
14	1401	90.8	10	70	74.4	74.4	42.7	0.0	No	2	2
14	1401	93.8	11	70	74.4	74.4	43.0	0.0	No	2	2
14	1401	96.8	12	70	74.4	74.4	43.3	0.0	No	2	2
14	1401	99.8	13	70	74.5	74.5	43.7	0.0	No	2	2
14	1401	102.8	14	70	74.5	74.5	44.1	0.0	No	2	2
14	1401	105.8	15	70	74.5	74.5	44.4	0.0	No	2	2
14	1401	108.8	16	70	74.5	74.5	44.8	0.0	No	2	2

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
14	1401	111.8	17	70	74.5	74.5	45.4	0.0	No	2	2
14	1401	114.8	18	70	74.5	74.5	46.0	0.0	No	2	2
14	1401	117.8	19	70	74.6	74.6	46.9	0.0	No	2	2
14	1401	120.8	20	70	74.6	74.6	47.4	0.0	No	2	2
14	1401	123.8	21	70	74.6	74.6	48.1	0.0	No	2	2
14	1401	126.8	22	70	74.6	74.6	49.1	0.0	No	2	2
14	1402	63.8	1	70	63.9	63.9	34.1	0.0	No	2	0
14	1402	66.8	2	70	69.1	69.1	37.8	0.0	No	2	0
14	1402	69.8	3	70	71.8	71.8	42.4	0.0	No	2	2
14	1402	72.8	4	70	72.5	72.5	43.2	0.0	No	2	2
14	1402	75.8	5	70	72.9	72.9	43.4	0.0	No	2	2
14	1402	78.8	6	70	73.2	73.2	43.5	0.0	No	2	2
14	1402	81.8	7	70	73.4	73.4	43.6	0.0	No	2	2
14	1402	84.8	8	70	73.6	73.6	43.8	0.0	No	2	2
14	1402	87.8	9	70	73.6	73.6	43.9	0.0	No	2	2
14	1402	90.8	10	70	73.7	73.7	43.9	0.0	No	2	2
14	1402	93.8	11	70	73.7	73.7	44.0	0.0	No	2	2
14	1402	96.8	12	70	73.8	73.8	44.1	0.0	No	2	2
14	1402	99.8	13	70	73.8	73.8	44.3	0.0	No	2	2
14	1402	102.8	14	70	73.7	73.7	44.5	0.0	No	2	2
14	1402	105.8	15	70	73.8	73.8	44.5	0.0	No	2	2
14	1402	108.8	16	70	73.8	73.8	44.8	0.0	No	2	2
14	1402	111.8	17	70	73.8	73.8	45.1	0.0	No	2	2
14	1402	114.8	18	70	73.9	73.9	45.4	0.0	No	2	2
14	1402	117.8	19	70	73.9	73.9	45.7	0.0	No	2	2
14	1402	120.8	20	70	73.9	73.9	46.3	0.0	No	2	2
14	1402	123.8	21	70	74.0	74.0	46.6	0.0	No	2	2
14	1402	126.8	22	70	74.0	74.0	47.0	0.0	No	2	2
15	1501	63.8	1	70	69.7	69.7	35.7	0.0	No	2	0
15	1501	66.8	2	70	72.1	72.1	37.4	0.0	No	2	2
15	1501	69.8	3	70	72.6	72.6	40.1	0.0	No	2	2
15	1501	72.8	4	70	72.7	72.7	42.8	0.0	No	2	2
15	1501	75.8	5	70	72.8	72.8	43.5	0.0	No	2	2
15	1501	78.8	6	70	72.9	72.9	43.7	0.0	No	2	2
15	1501	81.8	7	70	73.0	73.0	43.9	0.0	No	2	2
15	1501	84.8	8	70	73.1	73.1	44.0	0.0	No	2	2
15	1501	87.8	9	70	73.2	73.2	44.1	0.0	No	2	2
15	1501	90.8	10	70	73.3	73.3	44.3	0.0	No	2	2
15	1501	93.8	11	70	73.4	73.4	44.5	0.0	No	2	2
15	1501	96.8	12	70	73.4	73.4	44.8	0.0	No	2	2
15	1501	99.8	13	70	73.5	73.5	44.9	0.0	No	2	2
15	1501	102.8	14	70	73.5	73.5	45.1	0.0	No	2	2
15	1501	105.8	15	70	73.5	73.5	45.5	0.0	No	2	2
15	1501	108.8	16	70	73.6	73.6	45.7	0.0	No	2	2
15	1501	111.8	17	70	73.6	73.6	46.1	0.0	No	2	2
15	1501	114.8	18	70	73.7	73.7	46.5	0.0	No	2	2
15	1501	117.8	19	70	73.7	73.7	46.8	0.0	No	2	2
15	1501	120.8	20	70	73.8	73.8	47.2	0.0	No	2	2

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
15	1501	123.8	21	70	73.9	73.9	47.8	0.0	No	2	2
15	1501	126.8	22	70	73.9	73.9	48.2	0.0	No	2	2
15	1502	63.8	1	70	65.9	65.9	34.4	0.0	No	2	0
15	1502	66.8	2	70	71.4	71.4	40.6	0.0	No	2	2
15	1502	69.8	3	70	72.0	72.0	42.0	0.0	No	2	2
15	1502	72.8	4	70	72.0	72.0	42.2	0.0	No	2	2
15	1502	75.8	5	70	72.1	72.1	42.3	0.0	No	2	2
15	1502	78.8	6	70	72.0	72.0	42.4	0.0	No	2	2
15	1502	81.8	7	70	72.1	72.1	42.6	0.0	No	2	2
15	1502	84.8	8	70	72.1	72.1	42.6	0.0	No	2	2
15	1502	87.8	9	70	72.1	72.1	42.7	0.0	No	2	2
15	1502	90.8	10	70	72.1	72.1	42.8	0.0	No	2	2
15	1502	93.8	11	70	72.2	72.2	42.9	0.0	No	2	2
15	1502	96.8	12	70	72.2	72.2	43.0	0.0	No	2	2
15	1502	99.8	13	70	72.2	72.2	43.2	0.0	No	2	2
15	1502	102.8	14	70	72.3	72.3	43.4	0.0	No	2	2
15	1502	105.8	15	70	72.4	72.4	43.5	0.0	No	2	2
15	1502	108.8	16	70	72.6	72.6	43.9	0.0	No	2	2
15	1502	111.8	17	70	72.6	72.6	44.0	0.0	No	2	2
15	1502	114.8	18	70	72.7	72.7	44.2	0.0	No	2	2
15	1502	117.8	19	70	72.8	72.8	44.7	0.0	No	2	2
15	1502	120.8	20	70	72.9	72.9	44.9	0.0	No	2	2
15	1502	123.8	21	70	73.0	73.0	45.2	0.0	No	2	2
15	1502	126.8	22	70	73.1	73.1	45.5	0.0	No	2	2
16	1601	29.8	1	70	76.7	76.7	38.9	0.0	No	3	3
16	1601	32.6	2	70	77.0	77.0	39.8	0.0	No	3	3
16	1601	35.4	3	70	77.2	77.2	40.8	0.0	No	3	3
16	1601	38.2	4	70	77.4	77.4	41.8	0.0	No	3	3
16	1601	41	5	70	77.5	77.5	42.9	0.0	No	3	3
16	1601	43.8	6	70	77.6	77.6	44.0	0.0	No	3	3
16	1601	46.6	7	70	77.7	77.7	45.1	0.0	No	3	3
16	1601	49.4	8	70	77.9	77.9	46.0	0.0	No	3	3
16	1601	52.2	9	70	78.0	78.0	47.0	0.0	No	3	3
16	1601	55	10	70	78.1	78.1	47.8	0.0	No	3	3
16	1601	57.8	11	70	78.2	78.2	48.9	0.0	No	3	3
16	1601	60.6	12	70	78.2	78.2	49.9	0.0	No	3	3
16	1601	63.4	13	70	78.3	78.3	50.8	0.0	No	3	3
16	1601	66.2	14	70	78.4	78.4	51.7	0.0	No	3	3
16	1601	69	15	70	78.4	78.4	52.9	0.0	No	3	3
16	1602	29.8	1	70	76.5	76.5	38.4	0.0	No	4	4
16	1602	32.6	2	70	76.7	76.7	39.3	0.0	No	4	4
16	1602	35.4	3	70	77.0	77.0	40.2	0.0	No	4	4
16	1602	38.2	4	70	77.2	77.2	41.3	0.0	No	4	4
16	1602	41	5	70	77.3	77.3	42.2	0.0	No	4	4
16	1602	43.8	6	70	77.4	77.4	43.4	0.0	No	4	4
16	1602	46.6	7	70	77.5	77.5	44.4	0.0	No	4	4
16	1602	49.4	8	70	77.7	77.7	45.3	0.0	No	4	4
16	1602	52.2	9	70	77.8	77.8	46.0	0.0	No	4	4

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
16	1602	55	10	70	77.9	77.9	47.0	0.0	No	4	4
16	1602	57.8	11	70	78.0	78.0	47.9	0.0	No	4	4
16	1602	60.6	12	70	78.0	78.0	48.9	0.0	No	4	4
16	1602	63.4	13	70	78.1	78.1	49.8	0.0	No	4	4
16	1602	66.2	14	70	78.2	78.2	50.7	0.0	No	4	4
16	1602	69	15	70	78.2	78.2	52.0	0.0	No	4	4
16	1603	29.8	1	70	76.2	76.2	38.4	0.0	No	4	4
16	1603	32.6	2	70	76.5	76.5	39.3	0.0	No	4	4
16	1603	35.4	3	70	76.6	76.6	40.3	0.0	No	4	4
16	1603	38.2	4	70	76.8	76.8	41.3	0.0	No	4	4
16	1603	41	5	70	77.0	77.0	42.4	0.0	No	4	4
16	1603	43.8	6	70	77.2	77.2	43.6	0.0	No	4	4
16	1603	46.6	7	70	77.3	77.3	44.6	0.0	No	4	4
16	1603	49.4	8	70	77.4	77.4	45.6	0.0	No	4	4
16	1603	52.2	9	70	77.6	77.6	46.3	0.0	No	4	4
16	1603	55	10	70	77.7	77.7	46.9	0.0	No	4	4
16	1603	57.8	11	70	77.8	77.8	47.6	0.0	No	4	4
16	1603	60.6	12	70	77.9	77.9	48.3	0.0	No	4	4
16	1603	63.4	13	70	77.9	77.9	49.2	0.0	No	4	4
16	1603	66.2	14	70	78.0	78.0	50.0	0.0	No	4	4
16	1603	69	15	70	77.9	77.9	51.0	0.0	No	4	4
16	1604	29.8	1	70	74.3	74.3	38.2	0.0	No	3	3
16	1604	32.6	2	70	74.5	74.5	39.1	0.0	No	3	3
16	1604	35.4	3	70	74.8	74.8	40.1	0.0	No	3	3
16	1604	38.2	4	70	75.1	75.1	41.2	0.0	No	3	3
16	1604	41	5	70	75.6	75.6	42.2	0.0	No	3	3
16	1604	43.8	6	70	76.4	76.4	43.3	0.0	No	3	3
16	1604	46.6	7	70	76.8	76.8	44.4	0.0	No	3	3
16	1604	49.4	8	70	77.2	77.2	45.6	0.0	No	3	3
16	1604	52.2	9	70	77.3	77.3	46.5	0.0	No	3	3
16	1604	55	10	70	77.4	77.4	47.1	0.0	No	3	3
16	1604	57.8	11	70	77.5	77.5	47.7	0.0	No	3	3
16	1604	60.6	12	70	77.6	77.6	48.2	0.0	No	3	3
16	1604	63.4	13	70	77.6	77.6	48.7	0.0	No	3	3
16	1604	66.2	14	70	77.7	77.7	49.4	0.0	No	3	3
16	1604	69	15	70	77.7	77.7	50.2	0.0	No	3	3
17	1701	29.8	1	70	74.9	74.9	33.3	0.0	No	4	4
17	1701	32.6	2	70	75.2	75.2	36.6	0.0	No	4	4
17	1701	35.4	3	70	75.6	75.6	40.2	0.0	No	4	4
17	1701	38.2	4	70	76.4	76.4	42.4	0.0	No	4	4
17	1701	41	5	70	77.1	77.1	43.3	0.0	No	4	4
17	1701	43.8	6	70	77.3	77.3	44.2	0.0	No	4	4
17	1701	46.6	7	70	77.5	77.5	45.2	0.0	No	4	4
17	1701	49.4	8	70	77.6	77.6	46.3	0.0	No	4	4
17	1701	52.2	9	70	77.7	77.7	47.3	0.0	No	4	4
17	1701	55	10	70	77.9	77.9	48.0	0.0	No	4	4
17	1701	57.8	11	70	77.9	77.9	48.9	0.0	No	4	4
17	1701	60.6	12	70	78.0	78.0	49.7	0.0	No	4	4

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
17	1701	63.4	13	70	78.0	78.0	50.7	0.0	No	4	4
17	1701	66.2	14	70	77.9	77.9	51.6	0.0	No	4	4
17	1702	29.8	1	70	65.8	65.8	26.2	0.0	No	4	0
17	1702	32.6	2	70	65.9	65.9	26.5	0.0	No	4	0
17	1702	35.4	3	70	65.9	65.9	26.3	0.0	No	4	0
17	1702	38.2	4	70	65.9	65.9	26.2	0.0	No	4	0
17	1702	41	5	70	66.0	66.0	26.2	0.0	No	4	0
17	1702	43.8	6	70	66.0	66.0	26.2	0.0	No	4	0
17	1702	46.6	7	70	65.9	65.9	26.2	0.0	No	4	0
17	1702	49.4	8	70	65.9	65.9	26.2	0.0	No	4	0
17	1702	52.2	9	70	65.9	65.9	26.2	0.0	No	4	0
17	1702	55	10	70	65.8	65.8	26.3	0.0	No	4	0
17	1702	57.8	11	70	65.8	65.8	27.3	0.0	No	4	0
17	1702	60.6	12	70	65.8	65.8	29.2	0.0	No	4	0
17	1702	63.4	13	70	65.8	65.8	31.6	0.0	No	4	0
17	1702	66.2	14	70	65.9	65.9	34.0	0.0	No	4	0
17	1703	29.8	1	70	67.2	67.2	27.9	0.0	No	3	0
17	1703	32.6	2	70	67.3	67.3	28.2	0.0	No	3	0
17	1703	35.4	3	70	67.3	67.3	28.4	0.0	No	3	0
17	1703	38.2	4	70	67.4	67.4	28.5	0.0	No	3	0
17	1703	41	5	70	67.4	67.4	28.8	0.0	No	3	0
17	1703	43.8	6	70	67.5	67.5	29.1	0.0	No	3	0
17	1703	46.6	7	70	67.4	67.4	29.3	0.0	No	3	0
17	1703	49.4	8	70	67.3	67.3	29.6	0.0	No	3	0
17	1703	52.2	9	70	67.3	67.3	30.2	0.0	No	3	0
17	1703	55	10	70	67.1	67.1	31.0	0.0	No	3	0
17	1703	57.8	11	70	67.1	67.1	31.6	0.0	No	3	0
17	1703	60.6	12	70	67.0	67.0	32.5	0.0	No	3	0
17	1703	63.4	13	70	66.9	66.9	33.4	0.0	No	3	0
17	1703	66.2	14	70	66.9	66.9	34.4	0.0	No	3	0
17	1704	29.8	1	70	68.7	68.7	32.4	0.0	No	2	0
17	1704	32.6	2	70	68.9	68.9	32.9	0.0	No	2	0
17	1704	35.4	3	70	69.2	69.2	33.4	0.0	No	2	0
17	1704	38.2	4	70	69.3	69.3	34.0	0.0	No	2	0
17	1704	41	5	70	69.3	69.3	34.5	0.0	No	2	0
17	1704	43.8	6	70	69.3	69.3	35.1	0.0	No	2	0
17	1704	46.6	7	70	69.2	69.2	35.6	0.0	No	2	0
17	1704	49.4	8	70	69.1	69.1	36.1	0.0	No	2	0
17	1704	52.2	9	70	68.9	68.9	36.9	0.0	No	2	0
17	1704	55	10	70	68.7	68.7	37.6	0.0	No	2	0
17	1704	57.8	11	70	68.4	68.4	38.3	0.0	No	2	0
17	1704	60.6	12	70	68.2	68.2	39.3	0.0	No	2	0
17	1704	63.4	13	70	68.0	68.0	40.6	0.0	No	2	0
17	1704	66.2	14	70	67.9	67.9	41.1	0.0	No	2	0
18	1801	44.3	1	65	70.7	70.7	35.9	0.0	No	8	8
18	1801	47.3	2	65	70.5	70.5	36.6	0.0	No	8	8
18	1801	50.3	3	65	70.3	70.3	37.2	0.0	No	8	8
18	1801	53.3	4	65	70.0	70.0	38.0	0.0	No	8	8

Appendix 4-8 Detailed Predicted Road Traffic Noise Results at Each Noise Assessment Point under the Unmitigated Scenario

Assessment Point				Noise Standard, dB(A)	Unmitigated Scenario			Contribution from DP Roads (Overall - Other Roads), dB(A)	Direct mitigation measures required? ^[1]	Number of represented dwellings	No. of dwellings/classrooms subject to noise exceeding EIAO noise standard ^[2]
NSR	ID	Level, mPD	Floor		Overall Noise Level, dB(A)	Other Roads, dB(A)	DP Roads dB(A)				
18	1801	56.3	5	65	69.6	69.6	38.9	0.0	No	8	8
18	1801	59.3	6	65	69.3	69.3	39.9	0.0	No	8	8
Total number of noise sensitive elements assessed exceeding noise standard											2232
Total Number of Dwellings with overall noise levels exceeding noise standard											2004
Total Number of Dwellings with noise levels due to DP road exceeding noise standard											281
Total Number of Classrooms with overall noise levels exceeding noise standard											180
Total Number of Classrooms with noise levels due to DP road exceeding noise standard											1
Total Number of other noise sensitive elements with overall noise levels exceeding noise standard											48
Total Number of other noise sensitive elements with noise levels due to DP road exceeding noise standard											32

Notes:

- 1 Direct mitigation measures are required if (a) noise level from DP roads only > noise standards under EIAO-TM; or (b) overall noise level > noise standards under EIAO-TM, and difference between overall noise levels and levels and noise levels of other roads ≥ 1.0 dB(A)
- 2 Number of dwellings, classrooms and other noise sensitive exposed to overall road traffic noise levels exceeding the noise standards stipulated in the EIAO-TM.
- 3 Dwellings, classrooms and other noise sensitive elements will benefit from noise mitigation measures are those exposed to overall road traffic noise exceeding noise standards stipulated in the EIAO-TM under unmitigated scenario and be benefited at least 1.0 dB(A) from the implementation of the noise mitigation measures.
- 4 Dwellings, classrooms and other noise sensitive elements protected by noise mitigation measures are those exposed to overall road traffic noise exceeding noise standards stipulated in the EIAO-TM under unmitigated scenario and exposed to overall road traffic noise compiling with the noise standards stipulated in the EIAO-TM with the implementation of the noise mitigation measures.