

Appendix D – CADNA_A Modelling Results for Crossings and Plazas

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Table D.1 CADNA_A Modelling Results for Plaza A to Crossing A

Plaza A - Crossing A - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	57.7	58.9	1.2
R2	58.2	60	1.8
R3	58.4	60	1.6
R4	56.8	58.4	1.6
R5	53.8	55.1	1.3
R6	60	61	1
R7	54.1	55.1	1
R8	58.2	59.4	1.2
R9	60.1	61.6	1.5
R10	55.4	56.9	1.5
R11	58.7	59.9	1.2
R12	60.8	61.7	0.9
R13	62.3	63.7	1.4
R14	59.9	61.3	1.4
R15	59.4	60.7	1.3
R16	60.2	61.6	1.4
R17	60	61.2	1.2
R18	60.3	61.7	1.4
R19	59.2	60.5	1.3
R20	67	68.9	1.9
R21	57.7	58.7	1

Plaza A - Crossing A - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	53.3	54	0.7
R2	55.4	56.2	0.8
R3	61.4	61.9	0.5
R4	53.4	54.1	0.7
R5	49	50	1
R6	63.9	64.4	0.5
R7	49.4	50.1	0.7
R8	53.5	54.1	0.6
R9	56.2	56.7	0.5
R10	54.2	54.7	0.5
R11	59.9	60.4	0.5
R12	59.9	60.3	0.4
R13	54.7	55.2	0.5
R14	63	63.5	0.5
R15	62.1	62.6	0.5
R16	54.7	55.2	0.5
R17	55.5	55.9	0.4
R18	62.8	63.3	0.5
R19	60	60.6	0.6
R20	62.8	63.3	0.5
R21	62.2	62.7	0.5

Plaza A - Crossing A - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	58.3	58.7	0.4
R2	59.1	59.7	0.6
R3	59.2	59.8	0.6
R4	57.6	58.1	0.5
R5	54.3	54.8	0.5
R6	60.4	60.7	0.3
R7	54.5	54.8	0.3
R8	58.8	59.2	0.4
R9	60.9	61.4	0.5
R10	56.2	56.6	0.4
R11	59.3	59.7	0.4
R12	61.3	61.5	0.2
R13	63.1	63.5	0.4
R14	60.7	61.1	0.4
R15	60.1	60.5	0.4
R16	60.9	61.4	0.5
R17	60.6	61	0.4
R18	61	61.5	0.5
R19	59.9	60.4	0.5
R20	68	68.5	0.5
R21	58.3	58.6	0.3

Plaza A - Crossing A - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	53.1	53.7	0.6
R2	55.2	55.9	0.7
R3	61.1	61.7	0.6
R4	53.2	53.9	0.7
R5	48.8	49.7	0.9
R6	63.6	64.2	0.6
R7	49.2	49.8	0.6
R8	53.3	53.9	0.6
R9	56	56.5	0.5
R10	53.9	54.5	0.6
R11	59.8	60.2	0.4
R12	59.8	60.1	0.3
R13	54.5	54.9	0.4
R14	62.6	63.3	0.7
R15	62.1	62.3	0.2
R16	54.6	55	0.4
R17	55.4	55.7	0.3
R18	62.3	63	0.7
R19	60	60.3	0.3
R20	62.4	63.1	0.7
R21	62.2	62.4	0.2

Plaza A - Crossing A - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	58.1	58.5	0.4
R2	58.9	59.5	0.6
R3	59	59.5	0.5
R4	57.3	57.8	0.5
R5	53.9	54.5	0.6
R6	60	60.3	0.3
R7	54.1	54.4	0.3
R8	58.6	59	0.4
R9	60.6	61.1	0.5
R10	55.9	56.4	0.5
R11	59.1	59.5	0.4
R12	61.1	61.4	0.3
R13	62.8	63.3	0.5
R14	60.5	60.9	0.4
R15	59.9	60.3	0.4
R16	60.7	61.2	0.5
R17	60.5	60.8	0.3
R18	60.9	61.3	0.4
R19	59.7	60.2	0.5
R20	68	68.3	0.3
R21	58.1	58.4	0.3

Plaza A - Crossing A - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	52.9	53.5	0.6
R2	54.9	55.6	0.7
R3	60.8	61.4	0.6
R4	52.9	53.6	0.7
R5	48.6	49.4	0.8
R6	63.3	63.8	0.5
R7	49	49.6	0.6
R8	53.1	53.7	0.6
R9	55.8	56.3	0.5
R10	53.7	54.2	0.5
R11	59.5	60	0.5
R12	59.6	60	0.4
R13	54.3	54.7	0.4
R14	62.4	62.9	0.5
R15	61.8	62.3	0.5
R16	54.3	54.8	0.5
R17	55.1	55.5	0.4
R18	62.1	62.6	0.5
R19	59.7	60.2	0.5
R20	62.2	62.7	0.5
R21	61.9	62.4	0.5

Table D.2 CADNA_A Modelling Results for Plaza A to Crossing B

Plaza A - Crossing B - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	57.7	59.1	1.4
R2	58.2	60.4	2.2
R3	58.4	60.3	1.9
R4	56.8	58.6	1.8
R5	53.8	55.5	1.7
R6	60	61.1	1.1
R7	54.1	55.4	1.3
R8	58.2	59.6	1.4
R9	60.1	61.6	1.5
R10	55.4	57	1.6
R11	58.7	60	1.3
R12	60.8	61.7	0.9
R13	62.3	63.8	1.5
R14	59.9	61.4	1.5
R15	59.4	60.8	1.4
R16	60.2	61.6	1.4
R17	60	61.2	1.2
R18	60.3	61.7	1.4
R19	59.2	60.6	1.4
R20	67	68.8	1.8
R21	57.7	58.7	1

Plaza A - Crossing B - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	53.3	54.4	1.1
R2	55.4	56.9	1.5
R3	61.4	62	0.6
R4	53.4	54.5	1.1
R5	49	50.8	1.8
R6	63.9	64.4	0.5
R7	49.4	50.6	1.2
R8	53.5	54.4	0.9
R9	56.2	56.9	0.7
R10	54.2	54.8	0.6
R11	59.9	60.6	0.7
R12	59.9	60.5	0.6
R13	54.7	55.3	0.6
R14	63	63.3	0.3
R15	62.1	62.8	0.7
R16	54.7	55.3	0.6
R17	55.5	56	0.5
R18	62.8	63.1	0.3
R19	60	60.7	0.7
R20	62.8	63.2	0.4
R21	62.2	62.9	0.7

Plaza A - Crossing B - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	58.3	58.9	0.6
R2	59.1	60.1	1
R3	59.2	59.9	0.7
R4	57.6	58.3	0.7
R5	54.3	55.2	0.9
R6	60.4	60.7	0.3
R7	54.5	55.1	0.6
R8	58.8	59.4	0.6
R9	60.9	61.5	0.6
R10	56.2	56.7	0.5
R11	59.3	59.9	0.6
R12	61.3	61.7	0.4
R13	63.1	63.9	0.8
R14	60.7	61	0.3
R15	60.1	60.7	0.6
R16	60.9	61.6	0.7
R17	60.6	61.2	0.6
R18	61	61.3	0.3
R19	59.9	60.5	0.6
R20	68	67.7	-0.3
R21	58.3	58.7	0.4

Plaza A - Crossing B - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	53.1	54.1	1
R2	55.2	56.5	1.3
R3	61.1	61.7	0.6
R4	53.2	54.2	1
R5	48.8	50.4	1.6
R6	63.6	64.2	0.6
R7	49.2	50.3	1.1
R8	53.3	54.1	0.8
R9	56	56.6	0.6
R10	53.9	54.6	0.7
R11	59.8	60.3	0.5
R12	59.8	60.2	0.4
R13	54.5	55.1	0.6
R14	62.6	63.2	0.6
R15	62.1	62.5	0.4
R16	54.6	55.1	0.5
R17	55.4	55.8	0.4
R18	62.3	62.9	0.6
R19	60	60.4	0.4
R20	62.4	63	0.6
R21	62.2	62.5	0.3

Plaza A - Crossing B - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	58.1	58.7	0.6
R2	58.9	59.8	0.9
R3	59	59.7	0.7
R4	57.3	58	0.7
R5	53.9	54.8	0.9
R6	60	60.4	0.4
R7	54.1	54.7	0.6
R8	58.6	59.1	0.5
R9	60.6	61.2	0.6
R10	55.9	56.5	0.6
R11	59.1	59.6	0.5
R12	61.1	61.4	0.3
R13	62.8	63.3	0.5
R14	60.5	60.9	0.4
R15	59.9	60.3	0.4
R16	60.7	61.2	0.5
R17	60.5	60.8	0.3
R18	60.9	61.3	0.4
R19	59.7	60.2	0.5
R20	68	68.3	0.3
R21	58.1	58.4	0.3

Plaza A - Crossing B - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	52.9	53.8	0.9
R2	54.9	56.1	1.2
R3	60.8	61.5	0.7
R4	52.9	53.9	1
R5	48.6	50	1.4
R6	63.3	63.9	0.6
R7	49	50	1
R8	53.1	53.8	0.7
R9	55.8	56.3	0.5
R10	53.7	54.3	0.6
R11	59.5	60	0.5
R12	59.6	60	0.4
R13	54.3	54.8	0.5
R14	62.4	63	0.6
R15	61.8	62.2	0.4
R16	54.3	54.8	0.5
R17	55.1	55.5	0.4
R18	62.1	62.7	0.6
R19	59.7	60.1	0.4
R20	62.2	62.8	0.6
R21	61.9	62.2	0.3

Table D.3 CADNA_A Modelling Results for Plaza A to Crossing C Through Approach C1

Plaza A - Crossing C, Approach C1 - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	57.7	70.2	12.5	59.6	1.9
R2	58.2	70.1	11.9	60.5	2.3
R3	58.4	68.4	10	60.6	2.2
R4	56.8	64.8	8	59.3	2.5
R5	53.8	61.5	7.7	56.6	2.8
R6	60	64.2	4.2	61.5	1.5
R7	54.1	59.6	5.5	56.5	2.4
R8	58.2	64.2	6	60.8	2.6
R9	60.1	64.2	4.1	62.4	2.3
R10	55.4	60.2	4.8	58.1	2.7
R11	58.7	62.2	3.5	61	2.3
R12	60.8	62.9	2.1	62.4	1.6
R13	62.3	64.2	1.9	64	1.7
R14	59.9	62.2	2.3	61.8	1.9
R15	59.4	61.6	2.2	61.3	1.9
R16	60.2	62.2	2	62	1.8
R17	60	61.8	1.8	61.6	1.6
R18	60.3	62.2	1.9	62	1.7
R19	59.2	61.1	1.9	61	1.8
R20	67	69	2	69	2
R21	57.7	59.4	1.7	59.2	1.5

Plaza A - Crossing C, Approach C1 - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.3	67.8	14.5	55.8	2.5
R2	55.4	68.3	12.9	57.1	1.7
R3	61.4	68.7	7.3	62.1	0.7
R4	53.4	62.5	9.1	55.7	2.3
R5	49	59.1	10.1	52.7	3.7
R6	63.9	66.1	2.2	64.6	0.7
R7	49.4	57.3	7.9	52.8	3.4
R8	53.5	61.5	8	56.8	3.3
R9	56.2	61	4.8	58.3	2.1
R10	54.2	58.7	4.5	56.2	2
R11	59.9	61.8	1.9	61.1	1.2
R12	59.9	61.5	1.6	61	1.1
R13	54.7	57.5	2.8	56.7	2
R14	63	63.7	0.7	63.6	0.6
R15	62.1	63.1	1	63	0.9
R16	54.7	56.9	2.2	56.4	1.7
R17	55.5	57.2	1.7	56.9	1.4
R18	62.8	63.3	0.5	63.2	0.4
R19	60	61	1	60.9	0.9
R20	62.8	63.4	0.6	63.3	0.5
R21	62.2	63	0.8	63	0.8

Plaza A - Crossing C, Approach C1 - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.3	69.5	11.2	59.3	1
R2	59.1	69.5	10.4	60.2	1.1
R3	59.2	67.8	8.6	60.3	1.1
R4	57.6	64.2	6.6	58.9	1.3
R5	54.3	60.9	6.6	56.1	1.8
R6	60.4	63.7	3.3	61.2	0.8
R7	54.5	59	4.5	56.1	1.6
R8	58.8	63.7	4.9	60.4	1.6
R9	60.9	63.7	2.8	62	1.1
R10	56.2	59.7	3.5	57.7	1.5
R11	59.3	61.7	2.4	60.7	1.4
R12	61.3	62.6	1.3	62.1	0.8
R13	63.1	63.9	0.8	63.7	0.6
R14	60.7	61.9	1.2	61.6	0.9
R15	60.1	61.3	1.2	61	0.9
R16	60.9	61.9	1	61.7	0.8
R17	60.6	61.5	0.9	61.3	0.7
R18	61	62	1	61.8	0.8
R19	59.9	60.8	0.9	60.7	0.8
R20	68	69	1	69	1
R21	58.3	59.1	0.8	59	0.7

Plaza A - Crossing C, Approach C1 - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.1	67.1	14	55.4	2.3
R2	55.2	67.5	12.3	56.7	1.5
R3	61.1	68	6.9	61.8	0.7
R4	53.2	61.8	8.6	55.3	2.1
R5	48.8	58.4	9.6	52.2	3.4
R6	63.6	65.7	2.1	64.3	0.7
R7	49.2	56.7	7.5	52.3	3.1
R8	53.3	60.9	7.6	56.3	3
R9	56	60.5	4.5	57.9	1.9
R10	53.9	58.1	4.2	55.8	1.9
R11	59.8	61.4	1.6	60.8	1
R12	59.8	61.2	1.4	60.7	0.9
R13	54.5	57	2.5	56.3	1.8
R14	62.6	63.4	0.8	63.3	0.7
R15	62.1	62.9	0.8	62.7	0.6
R16	54.6	56.5	1.9	56.1	1.5
R17	55.4	56.9	1.5	56.6	1.2
R18	62.3	63	0.7	63	0.7
R19	60	60.8	0.8	60.7	0.7
R20	62.4	63.1	0.7	63	0.6
R21	62.2	62.7	0.5	62.7	0.5

Plaza A - Crossing C, Approach C1 - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.1	68.5	10.4	58.9	0.8
R2	58.9	68.5	9.6	59.9	1
R3	59	66.9	7.9	59.9	0.9
R4	57.3	63.3	6	58.5	1.2
R5	53.9	60	6.1	55.6	1.7
R6	60	63	3	60.8	0.8
R7	54.1	58.2	4.1	55.6	1.5
R8	58.6	63	4.4	60	1.4
R9	60.6	63.2	2.6	61.7	1.1
R10	55.9	59.1	3.2	57.3	1.4
R11	59.1	61.2	2.1	60.3	1.2
R12	61.1	62.3	1.2	61.9	0.8
R13	62.8	63.5	0.7	63.4	0.6
R14	60.5	61.6	1.1	61.3	0.8
R15	59.9	60.9	1	60.7	0.8
R16	60.7	61.5	0.8	61.4	0.7
R17	60.5	61.2	0.7	61.1	0.6
R18	60.9	61.7	0.8	61.6	0.7
R19	59.7	60.5	0.8	60.4	0.7
R20	68	68.8	0.8	68.8	0.8
R21	58.1	58.8	0.7	58.7	0.6

Plaza A - Crossing C, Approach C1 - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	52.9	66.1	13.2	54.9	2
R2	54.9	66.6	11.7	56.3	1.4
R3	60.8	67.2	6.4	61.5	0.7
R4	52.9	60.9	8	54.8	1.9
R5	48.6	57.5	8.9	51.6	3
R6	63.3	65.2	1.9	64	0.7
R7	49	55.8	6.8	51.7	2.7
R8	53.1	60	6.9	55.7	2.6
R9	55.8	59.8	4	57.5	1.7
R10	53.7	57.4	3.7	55.4	1.7
R11	59.5	61	1.5	60.5	1
R12	59.6	60.8	1.2	60.4	0.8
R13	54.3	56.5	2.2	55.9	1.6
R14	62.4	63.1	0.7	63	0.6
R15	61.8	62.6	0.8	62.5	0.7
R16	54.3	56.1	1.8	55.7	1.4
R17	55.1	56.5	1.4	56.2	1.1
R18	62.1	62.7	0.6	62.7	0.6
R19	59.7	60.5	0.8	60.4	0.7
R20	62.2	62.8	0.6	62.8	0.6
R21	61.9	62.5	0.6	62.5	0.6

Table D.4 CADNA_A Modelling Results for Plaza A to Crossing C Through Approach C2

Plaza A - Crossing C, Approach C2 - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	57.7	71.2	13.5	60	2.3
R2	58.2	71	12.8	61.3	3.1
R3	58.4	69.1	10.7	61	2.6
R4	56.8	65.4	8.6	59.6	2.8
R5	53.8	62.2	8.4	57.1	3.3
R6	60	64.6	4.6	61.8	1.8
R7	54.1	60.2	6.1	57	2.9
R8	58.2	64.9	6.7	61.1	2.9
R9	60.1	64.7	4.6	62.6	2.5
R10	55.4	60.7	5.3	58.4	3
R11	58.7	62.6	3.9	61.3	2.6
R12	60.8	63.2	2.4	62.5	1.7
R13	62.3	64.4	2.1	64.2	1.9
R14	59.9	62.3	2.4	61.9	2
R15	59.4	61.9	2.5	61.5	2.1
R16	60.2	62.4	2.2	62.1	1.9
R17	60	62	2	61.7	1.7
R18	60.3	62.2	1.9	62.1	1.8
R19	59.2	61.3	2.1	61.1	1.9
R20	67	68.8	1.8	68.8	1.8
R21	57.7	59.5	1.8	59.3	1.6

Plaza A - Crossing C, Approach C2 - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.3	69	15.7	56.6	3.3
R2	55.4	69.3	13.9	58.3	2.9
R3	61.4	69.6	8.2	62.4	1
R4	53.4	63.4	10	56.3	2.9
R5	49	60.1	11.1	53.7	4.7
R6	63.9	66.5	2.6	64.7	0.8
R7	49.4	58.3	8.9	53.6	4.2
R8	53.5	62.5	9	57.4	3.9
R9	56.2	61.8	5.6	58.7	2.5
R10	54.2	59.4	5.2	56.7	2.5
R11	59.9	62.1	2.2	61.2	1.3
R12	59.9	61.7	1.8	61.1	1.2
R13	54.7	58	3.3	57	2.3
R14	63	63.9	0.9	63.7	0.7
R15	62.1	63.2	1.1	63	0.9
R16	54.7	57.3	2.6	56.7	2
R17	55.5	57.5	2	57.1	1.6
R18	62.8	63.4	0.6	63.3	0.5
R19	60	61.1	1.1	61	1
R20	62.8	63.5	0.7	63.4	0.6
R21	62.2	63	0.8	62.9	0.7

Plaza A - Crossing C, Approach C2 - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.3	69.6	11.3	59.4	1.1
R2	59.1	69.4	10.3	60.7	1.6
R3	59.2	67.6	8.4	60.4	1.2
R4	57.6	64.1	6.5	59	1.4
R5	54.3	60.8	6.5	56.4	2.1
R6	60.4	63.6	3.2	61.3	0.9
R7	54.5	59	4.5	56.3	1.8
R8	58.8	63.7	4.9	60.5	1.7
R9	60.9	63.8	2.9	62.1	1.2
R10	56.2	59.7	3.5	57.8	1.6
R11	59.3	61.8	2.5	60.8	1.5
R12	61.3	62.7	1.4	62.2	0.9
R13	63.1	64.1	1	64	0.9
R14	60.7	61.8	1.1	61.4	0.7
R15	60.1	61.4	1.3	61.1	1
R16	60.9	62	1.1	61.8	0.9
R17	60.6	61.6	1	61.5	0.9
R18	61	61.8	0.8	61.7	0.7
R19	59.9	60.9	1	60.8	0.9
R20	68	68.2	0.2	68.2	0.2
R21	58.3	59.2	0.9	59	0.7

Plaza A - Crossing C, Approach C2 - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.1	67.1	14	55.6	2.5
R2	55.2	67.5	12.3	57.4	2.2
R3	61.1	68	6.9	62	0.9
R4	53.2	61.7	8.5	55.5	2.3
R5	48.8	58.4	9.6	52.6	3.8
R6	63.6	65.7	2.1	64.3	0.7
R7	49.2	56.7	7.5	52.6	3.4
R8	53.3	60.9	7.6	56.4	3.1
R9	56	60.5	4.5	57.9	1.9
R10	53.9	58.1	4.2	56	2.1
R11	59.8	61.4	1.6	60.8	1
R12	59.8	61.1	1.3	60.7	0.9
R13	54.5	57	2.5	56.3	1.8
R14	62.6	63.5	0.9	63.3	0.7
R15	62.1	62.8	0.7	62.7	0.6
R16	54.6	56.5	1.9	56.1	1.5
R17	55.4	56.9	1.5	56.6	1.2
R18	62.3	63.1	0.8	63	0.7
R19	60	60.7	0.7	60.7	0.7
R20	62.4	63.1	0.7	63.1	0.7
R21	62.2	62.7	0.5	62.7	0.5

Plaza A - Crossing C, Approach C2 - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.1	68.6	10.5	59.1	1
R2	58.9	68.5	9.6	60.3	1.4
R3	59	66.7	7.7	60.1	1.1
R4	57.3	63.2	5.9	58.7	1.4
R5	53.9	59.9	6	55.9	2
R6	60	62.9	2.9	60.8	0.8
R7	54.1	58.2	4.1	55.8	1.7
R8	58.6	63	4.4	60.1	1.5
R9	60.6	63.2	2.6	61.8	1.2
R10	55.9	59.1	3.2	57.4	1.5
R11	59.1	61.3	2.2	60.4	1.3
R12	61.1	62.3	1.2	61.9	0.8
R13	62.8	63.7	0.9	63.5	0.7
R14	60.5	61.5	1	61.2	0.7
R15	59.9	61	1.1	60.8	0.9
R16	60.7	61.6	0.9	61.5	0.8
R17	60.5	61.3	0.8	61.2	0.7
R18	60.9	61.6	0.7	61.5	0.6
R19	59.7	60.6	0.9	60.5	0.8
R20	68	68.4	0.4	68.3	0.3
R21	58.1	58.9	0.8	58.8	0.7

Plaza A - Crossing C, Approach C2 - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	52.9	66.1	13.2	55.2	2.3
R2	54.9	66.6	11.7	57	2.1
R3	60.8	67.2	6.4	61.6	0.8
R4	52.9	60.8	7.9	55.1	2.2
R5	48.6	57.4	8.8	52.1	3.5
R6	63.3	65.2	1.9	64	0.7
R7	49	55.8	6.8	52.1	3.1
R8	53.1	60	6.9	55.8	2.7
R9	55.8	59.8	4	57.5	1.7
R10	53.7	57.4	3.7	55.6	1.9
R11	59.5	61.1	1.6	60.5	1
R12	59.6	60.8	1.2	60.5	0.9
R13	54.3	56.6	2.3	55.9	1.6
R14	62.4	63.1	0.7	63	0.6
R15	61.8	62.6	0.8	62.5	0.7
R16	54.3	56.1	1.8	55.7	1.4
R17	55.1	56.5	1.4	56.3	1.2
R18	62.1	62.7	0.6	62.6	0.5
R19	59.7	60.5	0.8	60.5	0.8
R20	62.2	62.8	0.6	62.7	0.5
R21	61.9	62.6	0.7	62.6	0.7

Table D.5 CADNA_A Modelling Results for Plaza B to Crossing C

Plaza B - Crossing C - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	57.7	61.9	4.2	59.7	2
R2	58.2	63.3	5.1	61.2	3
R3	58.4	62.9	4.5	61.1	2.7
R4	56.8	61.4	4.6	59.4	2.6
R5	53.8	59.2	5.4	56.6	2.8
R6	60	62.5	2.5	61.5	1.5
R7	54.1	58.3	4.2	56.4	2.3
R8	58.2	61.7	3.5	60.5	2.3
R9	60.1	62.9	2.8	62.2	2.1
R10	55.4	59.1	3.7	57.9	2.5
R11	58.7	61.3	2.6	60.7	2
R12	60.8	62.5	1.7	62.2	1.4
R13	62.3	64.2	1.9	64.1	1.8
R14	59.9	61.9	2	61.6	1.7
R15	59.4	61.5	2.1	61.3	1.9
R16	60.2	62.1	1.9	62	1.8
R17	60	61.7	1.7	61.6	1.6
R18	60.3	62	1.7	61.9	1.6
R19	59.2	61.1	1.9	61	1.8
R20	67	68.6	1.6	68.6	1.6
R21	57.7	59.3	1.6	59.2	1.5

Plaza B - Crossing C - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.3	59.2	5.9	56.2	2.9
R2	55.4	61.1	5.7	58.5	3.1
R3	61.4	63.6	2.2	62.5	1.1
R4	53.4	58.7	5.3	56.1	2.7
R5	49	56.5	7.5	53	4
R6	63.9	65.1	1.2	64.6	0.7
R7	49.4	55.5	6.1	52.8	3.4
R8	53.5	58.2	4.7	56.3	2.8
R9	56.2	59.1	2.9	58	1.8
R10	54.2	57.4	3.2	56.1	1.9
R11	59.9	61.3	1.4	60.9	1
R12	59.9	61.1	1.2	60.8	0.9
R13	54.7	56.9	2.2	56.4	1.7
R14	63	63.7	0.7	63.6	0.6
R15	62.1	63	0.9	62.9	0.8
R16	54.7	56.6	1.9	56.2	1.5
R17	55.5	57	1.5	56.7	1.2
R18	62.8	63.3	0.5	63.3	0.5
R19	60	61	1	60.9	0.9
R20	62.8	63.4	0.6	63.4	0.6
R21	62.2	62.9	0.7	62.9	0.7

Plaza B - Crossing C - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.3	61.4	3.1	59.4	1.1
R2	59.1	62.8	3.7	60.9	1.8
R3	59.2	62.4	3.2	60.7	1.5
R4	57.6	60.9	3.3	59.1	1.5
R5	54.3	58.7	4.4	56.2	1.9
R6	60.4	62.2	1.8	61.2	0.8
R7	54.5	57.8	3.3	56.1	1.6
R8	58.8	61.2	2.4	60.1	1.3
R9	60.9	62.5	1.6	61.9	1
R10	56.2	58.7	2.5	57.6	1.4
R11	59.3	60.9	1.6	60.4	1.1
R12	61.3	62.2	0.9	62	0.7
R13	63.1	63.8	0.7	63.6	0.5
R14	60.7	61.7	1	61.5	0.8
R15	60.1	61.1	1	60.9	0.8
R16	60.9	61.7	0.8	61.6	0.7
R17	60.6	61.4	0.8	61.3	0.7
R18	61	61.9	0.9	61.8	0.8
R19	59.9	60.7	0.8	60.6	0.7
R20	68	69	1	68.9	0.9
R21	58.3	59.1	0.8	59	0.7

Plaza B - Crossing C - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.1	58.5	5.4	55.7	2.6
R2	55.2	60.4	5.2	58	2.8
R3	61.1	63.1	2	62.1	1
R4	53.2	58.1	4.9	55.6	2.4
R5	48.8	55.8	7	52.4	3.6
R6	63.6	64.7	1.1	64.3	0.7
R7	49.2	54.8	5.6	52.3	3.1
R8	53.3	57.6	4.3	55.8	2.5
R9	56	58.6	2.6	57.6	1.6
R10	53.9	56.9	3	55.6	1.7
R11	59.8	61	1.2	60.7	0.9
R12	59.8	60.8	1	60.6	0.8
R13	54.5	56.5	2	56	1.5
R14	62.6	63.3	0.7	63.2	0.6
R15	62.1	62.8	0.7	62.7	0.6
R16	54.6	56.2	1.6	55.9	1.3
R17	55.4	56.7	1.3	56.4	1
R18	62.3	63	0.7	62.9	0.6
R19	60	60.7	0.7	60.7	0.7
R20	62.4	63.1	0.7	63	0.6
R21	62.2	62.8	0.6	62.7	0.5

Plaza B - Crossing C - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.1	60.9	2.8	59	0.9
R2	58.9	62.2	3.3	60.4	1.5
R3	59	61.8	2.8	60.3	1.3
R4	57.3	60.3	3	58.6	1.3
R5	53.9	57.9	4	55.6	1.7
R6	60	61.6	1.6	60.7	0.7
R7	54.1	57.1	3	55.5	1.4
R8	58.6	60.7	2.1	59.8	1.2
R9	60.6	62.1	1.5	61.6	1
R10	55.9	58.2	2.3	57.2	1.3
R11	59.1	60.6	1.5	60.1	1
R12	61.1	62	0.9	61.8	0.7
R13	62.8	63.6	0.8	63.5	0.7
R14	60.5	61.3	0.8	61.1	0.6
R15	59.9	60.9	1	60.7	0.8
R16	60.7	61.6	0.9	61.4	0.7
R17	60.5	61.2	0.7	61.1	0.6
R18	60.9	61.5	0.6	61.4	0.5
R19	59.7	60.5	0.8	60.4	0.7
R20	68	68.2	0.2	68.2	0.2
R21	58.1	58.8	0.7	58.8	0.7

Plaza B - Crossing C - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	52.9	57.8	4.9	55.1	2.2
R2	54.9	59.7	4.8	57.5	2.6
R3	60.8	62.6	1.8	61.8	1
R4	52.9	57.3	4.4	55.1	2.2
R5	48.6	54.9	6.3	51.8	3.2
R6	63.3	64.4	1.1	64	0.7
R7	49	54.1	5.1	51.7	2.7
R8	53.1	56.9	3.8	55.3	2.2
R9	55.8	58.1	2.3	57.2	1.4
R10	53.7	56.3	2.6	55.2	1.5
R11	59.5	60.6	1.1	60.3	0.8
R12	59.6	60.5	0.9	60.3	0.7
R13	54.3	56	1.7	55.6	1.3
R14	62.4	63.1	0.7	63	0.6
R15	61.8	62.5	0.7	62.4	0.6
R16	54.3	55.8	1.5	55.5	1.2
R17	55.1	56.3	1.2	56.1	1
R18	62.1	62.8	0.7	62.7	0.6
R19	59.7	60.4	0.7	60.4	0.7
R20	62.2	62.8	0.6	62.8	0.6
R21	61.9	62.4	0.5	62.4	0.5

Table D.6 CADNA_A Modelling Results for Plaza B1 to Crossing B

Plaza B1 - Crossing B - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	57.7	59.1	1.4
R2	58.2	60.3	2.1
R3	58.4	60.2	1.8
R4	56.8	58.5	1.7
R5	53.8	55.4	1.6
R6	60	61	1
R7	54.1	55.3	1.2
R8	58.2	59.6	1.4
R9	60.1	61.7	1.6
R10	55.4	57	1.6
R11	58.7	60	1.3
R12	60.8	61.7	0.9
R13	62.3	63.8	1.5
R14	59.9	61.3	1.4
R15	59.4	60.8	1.4
R16	60.2	61.6	1.4
R17	60	61.2	1.2
R18	60.3	61.7	1.4
R19	59.2	60.6	1.4
R20	67	68.7	1.7
R21	57.7	58.7	1

Plaza B1 - Crossing B - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	53.3	54.4	1.1
R2	55.4	56.7	1.3
R3	61.4	61.9	0.5
R4	53.4	54.4	1
R5	49	50.6	1.6
R6	63.9	64.4	0.5
R7	49.4	50.6	1.2
R8	53.5	54.4	0.9
R9	56.2	56.9	0.7
R10	54.2	54.8	0.6
R11	59.9	60.6	0.7
R12	59.9	60.5	0.6
R13	54.7	55.3	0.6
R14	63	63.4	0.4
R15	62.1	62.8	0.7
R16	54.7	55.3	0.6
R17	55.5	56	0.5
R18	62.8	63.1	0.3
R19	60	60.7	0.7
R20	62.8	63.2	0.4
R21	62.2	62.9	0.7

Plaza B1 - Crossing B - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	58.3	59	0.7
R2	59.1	60.3	1.2
R3	59.2	60.1	0.9
R4	57.6	58.4	0.8
R5	54.3	55.4	1.1
R6	60.4	60.8	0.4
R7	54.5	55.2	0.7
R8	58.8	59.4	0.6
R9	60.9	61.5	0.6
R10	56.2	56.8	0.6
R11	59.3	59.8	0.5
R12	61.3	61.6	0.3
R13	63.1	63.6	0.5
R14	60.7	61.1	0.4
R15	60.1	60.6	0.5
R16	60.9	61.4	0.5
R17	60.6	61.1	0.5
R18	61	61.5	0.5
R19	59.9	60.4	0.5
R20	68	68.4	0.4
R21	58.3	58.6	0.3

Plaza B1 - Crossing B - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	53.1	54.3	1.2
R2	55.2	56.8	1.6
R3	61.1	61.8	0.7
R4	53.2	54.4	1.2
R5	48.8	50.7	1.9
R6	63.6	64.2	0.6
R7	49.2	50.6	1.4
R8	53.3	54.2	0.9
R9	56	56.7	0.7
R10	53.9	54.7	0.8
R11	59.8	60.2	0.4
R12	59.8	60.2	0.4
R13	54.5	55.1	0.6
R14	62.6	63.3	0.7
R15	62.1	62.4	0.3
R16	54.6	55.1	0.5
R17	55.4	55.8	0.4
R18	62.3	63	0.7
R19	60	60.3	0.3
R20	62.4	63.1	0.7
R21	62.2	62.4	0.2

Plaza B1 - Crossing B - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	58.1	58.6	0.5
R2	58.9	59.7	0.8
R3	59	59.7	0.7
R4	57.3	58	0.7
R5	53.9	54.7	0.8
R6	60	60.4	0.4
R7	54.1	54.7	0.6
R8	58.6	59.1	0.5
R9	60.6	61.1	0.5
R10	55.9	56.5	0.6
R11	59.1	59.5	0.4
R12	61.1	61.4	0.3
R13	62.8	63.2	0.4
R14	60.5	61	0.5
R15	59.9	60.3	0.4
R16	60.7	61.1	0.4
R17	60.5	60.8	0.3
R18	60.9	61.4	0.5
R19	59.7	60.1	0.4
R20	68	68.7	0.7
R21	58.1	58.4	0.3

Plaza B1 - Crossing B - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)
R1	52.9	53.8	0.9
R2	54.9	56	1.1
R3	60.8	61.4	0.6
R4	52.9	53.8	0.9
R5	48.6	49.9	1.3
R6	63.3	63.8	0.5
R7	49	50	1
R8	53.1	53.8	0.7
R9	55.8	56.4	0.6
R10	53.7	54.3	0.6
R11	59.5	60.1	0.6
R12	59.6	60.1	0.5
R13	54.3	54.8	0.5
R14	62.4	62.8	0.4
R15	61.8	62.3	0.5
R16	54.3	54.9	0.6
R17	55.1	55.6	0.5
R18	62.1	62.5	0.4
R19	59.7	60.2	0.5
R20	62.2	62.7	0.5
R21	61.9	62.4	0.5

Table D.7 CADNA_A CADNA_A Modelling Results for Plaza B1 to Crossing C

Plaza B1 - Crossing C - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	57.7	70.2	12.5	59.8	2.1
R2	58.2	69.8	11.6	61.7	3.5
R3	58.4	67.9	9.5	60.8	2.4
R4	56.8	64.4	7.6	59.4	2.6
R5	53.8	61.2	7.4	56.7	2.9
R6	60	64	4	61.6	1.6
R7	54.1	59.4	5.3	56.6	2.5
R8	58.2	64.1	5.9	60.8	2.6
R9	60.1	64.1	4	62.4	2.3
R10	55.4	60.1	4.7	58.1	2.7
R11	58.7	62.1	3.4	61	2.3
R12	60.8	62.9	2.1	62.4	1.6
R13	62.3	64.2	1.9	64	1.7
R14	59.9	62.2	2.3	61.8	1.9
R15	59.4	61.6	2.2	61.3	1.9
R16	60.2	62.2	2	62	1.8
R17	60	61.8	1.8	61.6	1.6
R18	60.3	62.2	1.9	62	1.7
R19	59.2	61.1	1.9	60.9	1.7
R20	67	69.1	2.1	69.1	2.1
R21	57.7	59.4	1.7	59.2	1.5

Plaza B1 - Crossing C - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.3	67.8	14.5	56.2	2.9
R2	55.4	68	12.6	59	3.6
R3	61.4	68.6	7.2	62.6	1.2
R4	53.4	62.1	8.7	55.9	2.5
R5	49	58.8	9.8	52.9	3.9
R6	63.9	66	2.1	64.6	0.7
R7	49.4	57.1	7.7	52.9	3.5
R8	53.5	61.3	7.8	56.8	3.3
R9	56.2	60.9	4.7	58.3	2.1
R10	54.2	58.6	4.4	56.3	2.1
R11	59.9	61.8	1.9	61.1	1.2
R12	59.9	61.4	1.5	61	1.1
R13	54.7	57.5	2.8	56.7	2
R14	63	63.7	0.7	63.6	0.6
R15	62.1	63.1	1	63	0.9
R16	54.7	56.9	2.2	56.4	1.7
R17	55.5	57.2	1.7	56.9	1.4
R18	62.8	63.3	0.5	63.2	0.4
R19	60	61.1	1.1	61	1
R20	62.8	63.4	0.6	63.3	0.5
R21	62.2	63	0.8	63	0.8

Plaza B1 - Crossing C - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.3	69.5	11.2	59.5	1.2
R2	59.1	69.1	10	61.3	2.2
R3	59.2	67.2	8	60.5	1.3
R4	57.6	63.8	6.2	59	1.4
R5	54.3	60.6	6.3	56.3	2
R6	60.4	63.5	3.1	61.3	0.9
R7	54.5	58.9	4.4	56.2	1.7
R8	58.8	63.5	4.7	60.5	1.7
R9	60.9	63.7	2.8	62.1	1.2
R10	56.2	59.6	3.4	57.8	1.6
R11	59.3	61.7	2.4	60.7	1.4
R12	61.3	62.6	1.3	62.1	0.8
R13	63.1	64	0.9	63.8	0.7
R14	60.7	61.8	1.1	61.5	0.8
R15	60.1	61.3	1.2	61	0.9
R16	60.9	61.9	1	61.7	0.8
R17	60.6	61.6	1	61.4	0.8
R18	61	61.9	0.9	61.8	0.8
R19	59.9	60.8	0.9	60.7	0.8
R20	68	68.7	0.7	68.7	0.7
R21	58.3	59.1	0.8	59	0.7

Plaza B1 - Crossing C - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.1	67.1	14	55.8	2.7
R2	55.2	67.3	12.1	58.5	3.3
R3	61.1	67.9	6.8	62.3	1.2
R4	53.2	61.4	8.2	55.5	2.3
R5	48.8	58.1	9.3	52.4	3.6
R6	63.6	65.6	2	64.3	0.7
R7	49.2	56.5	7.3	52.4	3.2
R8	53.3	60.6	7.3	56.3	3
R9	56	60.3	4.3	57.9	1.9
R10	53.9	58	4.1	55.9	2
R11	59.8	61.4	1.6	60.8	1
R12	59.8	61.1	1.3	60.7	0.9
R13	54.5	57	2.5	56.3	1.8
R14	62.6	63.5	0.9	63.3	0.7
R15	62.1	62.8	0.7	62.7	0.6
R16	54.6	56.5	1.9	56.1	1.5
R17	55.4	56.9	1.5	56.6	1.2
R18	62.3	63.1	0.8	63	0.7
R19	60	60.7	0.7	60.7	0.7
R20	62.4	63.1	0.7	63.1	0.7
R21	62.2	62.7	0.5	62.7	0.5

Plaza B1 - Crossing C - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.1	68.5	10.4	59.1	1
R2	58.9	68.1	9.2	60.8	1.9
R3	59	66.3	7.3	60.1	1.1
R4	57.3	63	5.7	58.6	1.3
R5	53.9	59.7	5.8	55.7	1.8
R6	60	62.8	2.8	60.8	0.8
R7	54.1	58.1	4	55.6	1.5
R8	58.6	62.8	4.2	60	1.4
R9	60.6	63.1	2.5	61.7	1.1
R10	55.9	59	3.1	57.4	1.5
R11	59.1	61.2	2.1	60.3	1.2
R12	61.1	62.3	1.2	61.9	0.8
R13	62.8	63.6	0.8	63.5	0.7
R14	60.5	61.5	1	61.2	0.7
R15	59.9	61	1.1	60.7	0.8
R16	60.7	61.6	0.9	61.4	0.7
R17	60.5	61.3	0.8	61.1	0.6
R18	60.9	61.6	0.7	61.5	0.6
R19	59.7	60.5	0.8	60.4	0.7
R20	68	68.5	0.5	68.5	0.5
R21	58.1	58.9	0.8	58.8	0.7

Plaza B1 - Crossing C - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	52.9	66.1	13.2	55.2	2.3
R2	54.9	66.4	11.5	57.9	3
R3	60.8	67.1	6.3	62	1.2
R4	52.9	60.5	7.6	55	2.1
R5	48.6	57.2	8.6	51.8	3.2
R6	63.3	65.1	1.8	64	0.7
R7	49	55.6	6.6	51.8	2.8
R8	53.1	59.8	6.7	55.8	2.7
R9	55.8	59.6	3.8	57.4	1.6
R10	53.7	57.3	3.6	55.4	1.7
R11	59.5	61	1.5	60.5	1
R12	59.6	60.7	1.1	60.4	0.8
R13	54.3	56.5	2.2	55.9	1.6
R14	62.4	63.1	0.7	63	0.6
R15	61.8	62.5	0.7	62.4	0.6
R16	54.3	56.1	1.8	55.7	1.4
R17	55.1	56.5	1.4	56.2	1.1
R18	62.1	62.8	0.7	62.7	0.6
R19	59.7	60.5	0.8	60.4	0.7
R20	62.2	62.8	0.6	62.8	0.6
R21	61.9	62.5	0.6	62.5	0.6

Table D.8 CADNA_A CADNA_A Modelling Results for Plaza C to Crossing C

Plaza C - Crossing C - 2035 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	57.7	67.5	9.8	60.4	2.7
R2	58.2	63.5	5.3	61.1	2.9
R3	58.4	64.6	6.2	61	2.6
R4	56.8	62.7	5.9	59.3	2.5
R5	53.8	59.6	5.8	56.4	2.6
R6	60	63.2	3.2	61.5	1.5
R7	54.1	58.5	4.4	56.3	2.2
R8	58.2	63.3	5.1	60.7	2.5
R9	60.1	63.7	3.6	62.3	2.2
R10	55.4	59.5	4.1	57.9	2.5
R11	58.7	61.8	3.1	60.9	2.2
R12	60.8	62.8	2	62.3	1.5
R13	62.3	64.3	2	64.2	1.9
R14	59.9	62	2.1	61.6	1.7
R15	59.4	61.6	2.2	61.3	1.9
R16	60.2	62.2	2	62.1	1.9
R17	60	61.8	1.8	61.7	1.7
R18	60.3	62	1.7	61.9	1.6
R19	59.2	61.2	2	61	1.8
R20	67	68.5	1.5	68.5	1.5
R21	57.7	59.3	1.6	59.2	1.5

Plaza C - Crossing C - 2035 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.3	65.1	11.8	56.9	3.6
R2	55.4	61	5.6	58	2.6
R3	61.4	65.3	3.9	62.4	1
R4	53.4	60.2	6.8	55.7	2.3
R5	49	57	8	52.5	3.5
R6	63.9	65.5	1.6	64.5	0.6
R7	49.4	56	6.6	52.5	3.1
R8	53.5	60.3	6.8	56.6	3.1
R9	56.2	60.3	4.1	58.1	1.9
R10	54.2	57.9	3.7	56.1	1.9
R11	59.9	61.6	1.7	61.1	1.2
R12	59.9	61.4	1.5	61	1.1
R13	54.7	57.2	2.5	56.6	1.9
R14	63	63.6	0.6	63.5	0.5
R15	62.1	63.2	1.1	63	0.9
R16	54.7	56.8	2.1	56.4	1.7
R17	55.5	57.1	1.6	56.8	1.3
R18	62.8	63.2	0.4	63.1	0.3
R19	60	61.1	1.1	61	1
R20	62.8	63.3	0.5	63.2	0.4
R21	62.2	63.1	0.9	63	0.8

Plaza C - Crossing C - 2025 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.3	66.8	8.5	60.4	2.1
R2	59.1	63	3.9	61.1	2
R3	59.2	64.1	4.9	61	1.8
R4	57.6	62.1	4.5	59.3	1.7
R5	54.3	59.1	4.8	56.4	2.1
R6	60.4	62.8	2.4	61.5	1.1
R7	54.5	58	3.5	56.3	1.8
R8	58.8	62.7	3.9	60.7	1.9
R9	60.9	63.2	2.3	62.3	1.4
R10	56.2	59.1	2.9	57.9	1.7
R11	59.3	61.4	2.1	60.9	1.6
R12	61.3	62.5	1.2	62.3	1
R13	63.1	63.9	0.8	64.2	1.1
R14	60.7	61.8	1.1	61.6	0.9
R15	60.1	61.2	1.1	61.3	1.2
R16	60.9	61.8	0.9	62.1	1.2
R17	60.6	61.5	0.9	61.7	1.1
R18	61	61.9	0.9	61.9	0.9
R19	59.9	60.8	0.9	61	1.1
R20	68	68.8	0.8	68.5	0.5
R21	58.3	59.1	0.8	59.2	0.9

Plaza C - Crossing C - 2025 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	53.1	64.2	11.1	56.3	3.2
R2	55.2	60.3	5.1	57.5	2.3
R3	61.1	64.7	3.6	62.1	1
R4	53.2	59.4	6.2	55.3	2.1
R5	48.8	56.2	7.4	51.9	3.1
R6	63.6	65.1	1.5	64.3	0.7
R7	49.2	55.2	6	51.9	2.7
R8	53.3	59.5	6.2	56	2.7
R9	56	59.6	3.6	57.7	1.7
R10	53.9	57.3	3.4	55.6	1.7
R11	59.8	61.1	1.3	60.6	0.8
R12	59.8	60.9	1.1	60.5	0.7
R13	54.5	56.7	2.2	56.1	1.6
R14	62.6	63.5	0.9	63.4	0.8
R15	62.1	62.7	0.6	62.6	0.5
R16	54.6	56.3	1.7	55.9	1.3
R17	55.4	56.7	1.3	56.4	1
R18	62.3	63.1	0.8	63.1	0.8
R19	60	60.6	0.6	60.5	0.5
R20	62.4	63.2	0.8	63.1	0.7
R21	62.2	62.6	0.4	62.5	0.3

Plaza C - Crossing C - 2015 Daytime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	58.1	65.9	7.8	59.6	1.5
R2	58.9	62.3	3.4	60.4	1.5
R3	59	63.4	4.4	60.3	1.3
R4	57.3	61.4	4.1	58.6	1.3
R5	53.9	58.3	4.4	55.5	1.6
R6	60	62.2	2.2	60.7	0.7
R7	54.1	57.3	3.2	55.4	1.3
R8	58.6	62.1	3.5	59.9	1.3
R9	60.6	62.7	2.1	61.6	1
R10	55.9	58.5	2.6	57.2	1.3
R11	59.1	60.9	1.8	60.2	1.1
R12	61.1	62.1	1	61.8	0.7
R13	62.8	63.5	0.7	63.4	0.6
R14	60.5	61.5	1	61.3	0.8
R15	59.9	60.8	0.9	60.6	0.7
R16	60.7	61.5	0.8	61.3	0.6
R17	60.5	61.2	0.7	61.1	0.6
R18	60.9	61.7	0.8	61.6	0.7
R19	59.7	60.5	0.8	60.3	0.6
R20	68	68.8	0.8	68.8	0.8
R21	58.1	58.8	0.7	58.7	0.6

Plaza C - Crossing C - 2015 Nighttime

North Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R1	52.9	63.4	10.5	55.8	2.9
R2	54.9	59.7	4.8	57.1	2.2
R3	60.8	64.2	3.4	61.9	1.1
R4	52.9	58.7	5.8	54.9	2
R5	48.6	55.5	6.9	51.4	2.8
R6	63.3	64.8	1.5	64.1	0.8
R7	49	54.6	5.6	51.5	2.5
R8	53.1	58.9	5.8	55.5	2.4
R9	55.8	59	3.2	57.2	1.4
R10	53.7	56.8	3.1	55.3	1.6
R11	59.5	60.7	1.2	60.3	0.8
R12	59.6	60.5	0.9	60.2	0.6
R13	54.3	56.3	2	55.7	1.4
R14	62.4	63.3	0.9	63.2	0.8
R15	61.8	62.3	0.5	62.2	0.4
R16	54.3	55.9	1.6	55.5	1.2
R17	55.1	56.3	1.2	56.1	1
R18	62.1	63	0.9	63	0.9
R19	59.7	60.2	0.5	60.2	0.5
R20	62.2	63	0.8	63	0.8
R21	61.9	62.2	0.3	62.1	0.2

Plaza A - Crossing A - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56.3	62.5	6.2	58	1.7
R23	59.9	58.8	-1.1	58.3	-1.6
R24	57.5	58.8	1.3	57.6	0.1
R25	46.2	65	18.8	52.3	6.1
R26	60.8	67.9	7.1	65.2	4.4
R27	55.4	61.4	6.0	57	1.6
R28	59.8	58.1	-1.7	57.4	-2.4
R29	60.2	57.9	-2.3	57.3	-2.9
R30	63.3	67.3	4	63.1	-0.2

Plaza A - Crossing A - 2025 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56	62	6	57.9	1.9
R23	59.6	59	-0.6	58.6	-1
R24	57.1	58.8	1.7	57.9	0.8
R25	45.9	64.2	18.3	51.6	5.7
R26	60.5	67.9	7.4	65.8	5.3
R27	55.1	60.8	5.7	56.6	1.5
R28	59.3	57.7	-1.6	57	-2.3
R29	60	57.5	-2.5	57	-3
R30	61.8	66.6	4.8	62.6	0.8

Plaza A - Crossing A - 2015 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	55.6	61.2	5.6	57.4	1.8
R23	59.1	58.4	-0.7	58.1	-1
R24	56.7	58.1	1.4	57.3	0.6
R25	45.6	63.2	17.6	50.7	5.1
R26	60	67.4	7.4	65.5	5.5
R27	54.7	59.9	5.2	55.8	1.1
R28	59	57	-2	56.3	-2.7
R29	59.5	56.8	-2.7	56.3	-3.2
R30	61.3	65.7	4.4	62	0.7

Plaza A - Crossing A - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	50.1	60	9.9	53.4	3.3
R23	53.7	54.7	1	53.8	0.1
R24	51.6	54.8	3.2	52.7	1.1
R25	40.7	63.4	22.7	50	9.3
R26	54.9	64.1	9.2	58.5	3.6
R27	49.2	57.8	8.6	53.8	4.6
R28	53.6	55.9	2.3	55.2	1.6
R29	54.5	55.8	1.3	55.2	0.7
R30	59.5	64.8	5.3	58.6	-0.9

Plaza A - Crossing A - 2025 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49.5	59.2	9.7	53.1	3.6
R23	53.4	54.6	1.2	53.9	0.5
R24	51.1	54.4	3.3	52.7	1.6
R25	40.3	62.5	22.2	49.1	8.8
R26	54.2	63.6	9.4	58.8	4.6
R27	48.6	57.4	8.8	54	5.4
R28	53.1	55.5	2.4	54.8	1.7
R29	54.3	55.4	1.1	54.9	0.6
R30	58.3	63.8	5.5	57.8	-0.5

Plaza A - Crossing A - 2015 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49	58.3	9.3	52.3	3.3
R23	52.8	53.9	1.1	53.3	0.5
R24	50.6	53.4	2.8	51.9	1.3
R25	39.9	61.5	21.6	48.1	8.2
R26	53.7	62.8	9.1	58.3	4.6
R27	48.1	56.6	8.5	53.4	5.3
R28	52.7	54.9	2.2	54.3	1.6
R29	53.7	54.9	1.2	54.4	0.7
R30	57.6	62.3	4.7	56.9	-0.7

Plaza A - Crossing B - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56.3	62.7	6.4	58.6	2.3
R23	59.9	59.5	-0.4	59	-0.9
R24	57.5	59.3	1.8	58.3	0.8
R26	60.8	68.4	7.6	66.2	5.4
R27	55.4	61.6	6.2	57.5	2.1
R28	59.8	58.3	-1.5	57.6	-2.2
R29	60.2	58	-2.2	57.5	-2.7
R30	63.3	67.3	4	63.1	-0.2

Plaza A - Crossing B - 2025 Daytime

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56	62	6	58.1	2.1
R23	59.6	59	-0.6	58.6	-1
R24	57.1	58.8	1.7	57.9	0.8
R26	60.5	67.9	7.4	65.8	5.3
R27	55.1	60.9	5.8	57	1.9
R28	59.3	57.8	-1.5	57.2	-2.1
R29	60	57.6	-2.4	57.1	-2.9
R30	61.8	66.6	4.8	62.6	0.8

Plaza A - Crossing B - 2015 Daytime

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	55.6	61.2	5.6	57.5	1.9
R23	59.1	58.5	-0.6	58.1	-1
R24	56.7	58.1	1.4	57.3	0.6
R26	60	67.3	7.3	65.5	5.5
R27	54.7	60	5.3	56.2	1.5
R28	59	57	-2	56.5	-2.5
R29	59.5	56.8	-2.7	56.4	-3.1
R30	61.3	65.7	4.4	62	0.7

Plaza A - Crossing B - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	50.1	60	9.9	54	3.9
R23	53.7	55.1	1.4	54.4	0.7
R24	51.6	55.1	3.5	53.2	1.6
R26	54.9	64.2	9.3	59.4	4.5
R27	49.2	58.1	8.9	54.6	5.4
R28	53.6	56	2.4	55.4	1.8
R29	54.5	55.8	1.3	55.3	0.8
R30	59.5	64.8	5.3	58.6	-0.9

Plaza A - Crossing B - 2025 Night-time

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49.5	59.3	9.8	53.4	3.9
R23	53.4	54.6	1.2	54	0.6
R24	51.1	54.4	3.3	52.7	1.6
R26	54.2	63.6	9.4	58.9	4.7
R27	48.6	57.4	8.8	54.2	5.6
R28	53.1	55.6	2.5	55	1.9
R29	54.3	55.4	1.1	55	0.7
R30	58.3	63.8	5.5	57.8	-0.5

Plaza A - Crossing B - 2015 Night-time

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49	58.3	9.3	52.7	3.7
R23	52.8	54	1.2	53.4	0.6
R24	50.6	53.4	2.8	51.9	1.3
R26	53.7	62.8	9.1	58.4	4.7
R27	48.1	56.7	8.6	53.6	5.5
R28	52.7	55	2.3	54.5	1.8
R29	53.7	54.9	1.2	54.5	0.8
R30	57.6	62.3	4.7	56.9	-0.7

Plaza A - Crossing C (via Brighton Beach) - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56.3	62.7	6.4	58.8	2.5
R23	59.9	59.5	-0.4	59.1	-0.8
R24	57.5	59.3	1.8	58.3	0.8
R25	46.2	73.3	27.1	53.9	7.7
R26	60.8	68.4	7.6	66.3	5.5
R27	55.4	61.6	6.2	57.6	2.2
R28	59.8	58.3	-1.5	57.6	-2.2
R29	60.2	58.1	-2.1	57.5	-2.7
R30	63.3	67.3	4	63.1	-0.2

Plaza A - Crossing C (via Brighton Beach) - 2025 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56	62	6	58.2	2.2
R23	59.6	59.1	-0.5	58.7	-0.9
R24	57.1	58.8	1.7	57.9	0.8
R25	45.9	72.5	26.6	53.2	7.3
R26	60.5	67.9	7.4	65.8	5.3
R27	55.1	60.9	5.8	57	1.9
R28	59.3	57.8	-1.5	57.2	-2.1
R29	60	57.6	-2.4	57.1	-2.9
R30	61.8	66.6	4.8	62.6	0.8

Plaza A - Crossing C (via Brighton Beach) - 2015 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	55.6	61.2	5.6	57.7	2.1
R23	59.1	58.5	-0.6	58.1	-1
R24	56.7	58.1	1.4	57.3	0.6
R25	45.6	71.5	25.9	52.1	6.5
R26	60	67.3	7.3	65.6	5.6
R27	54.7	60	5.3	56.3	1.6
R28	59	57	-2	56.5	-2.5
R29	59.5	56.8	-2.7	56.4	-3.1
R30	61.3	65.7	4.4	62	0.7

PPlaza A - Crossing C (via Brighton Beach) - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	50.1	60	9.9	54.2	4.1
R23	53.7	55.1	1.4	54.4	0.7
R24	51.6	55.1	3.5	53.3	1.7
R25	40.7	71.4	30.7	53.2	12.5
R26	54.9	64.2	9.3	59.5	4.6
R27	49.2	58.1	8.9	54.7	5.5
R28	53.6	56	2.4	55.4	1.8
R29	54.5	55.9	1.4	55.3	0.8
R30	59.5	64.8	5.3	58.6	-0.9

Plaza A - Crossing C (via Brighton Beach) - 2025 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49.5	59.3	9.8	53.6	4.1
R23	53.4	54.7	1.3	54	0.6
R24	51.1	54.4	3.3	52.7	1.6
R25	40.3	70.7	30.4	52.4	12.1
R26	54.2	63.6	9.4	59.1	4.9
R27	48.6	57.5	8.9	54.3	5.7
R28	53.1	55.6	2.5	55	1.9
R29	54.3	55.5	1.2	55	0.7
R30	58.3	63.8	5.5	57.8	-0.5

Plaza A - Crossing C (via Brighton Beach) - 2015 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49	58.3	9.3	52.9	3.9
R23	52.8	54	1.2	53.4	0.6
R24	50.6	53.4	2.8	51.9	1.3
R25	39.9	69.6	29.7	51.4	11.5
R26	53.7	62.8	9.1	58.6	4.9
R27	48.1	56.7	8.6	53.7	5.6
R28	52.7	55	2.3	54.5	1.8
R29	53.7	54.9	1.2	54.5	0.8
R30	57.6	62.3	4.7	56.9	-0.7

Plaza A - Crossing C (via Ojibway Parkway) - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56.3	61.7	5.4	59.2	2.9
R23	59.9	59.5	-0.4	59.3	-0.6
R24	57.5	59.3	1.8	58.4	0.9
R25	46.2	54.6	8.4	50.8	4.6
R26	60.8	67.3	6.5	66.3	5.5
R27	55.4	61.4	6	58.8	3.4
R28	59.8	58.5	-1.3	58.3	-1.5
R29	60.2	58.2	-2	58	-2.2
R30	63.3	67.3	4	63.1	-0.2

Plaza A - Crossing C (via Ojibway Parkway) - 2025 Daytime

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	56	60.5	4.5	58.4	2.4
R23	59.6	59	-0.6	58.8	-0.8
R24	57.1	58.8	1.7	57.9	0.8
R25	45.9	53.2	7.3	48.9	3
R26	60.5	66.6	6.1	65.8	5.3
R27	55.1	59.9	4.8	57.7	2.6
R28	59.3	57.7	-1.6	57.5	-1.8
R29	60	57.5	-2.5	57.3	-2.7
R30	61.8	66.6	4.8	62.6	0.8

Plaza A - Crossing C (via Ojibway Parkway) - 2015 Daytime

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	55.6	60.5	4.9	57.9	2.3
R23	59.1	58.5	-0.6	58.3	-0.8
R24	56.7	58.1	1.4	57.3	0.6
R25	45.6	52.3	6.7	48.5	2.9
R26	60	66.4	6.4	65.6	5.6
R27	54.7	60.4	5.7	57.2	2.5
R28	59	57.3	-1.7	57	-2
R29	59.5	57	-2.5	56.8	-2.7
R30	61.3	65.7	4.4	62	0.7

Plaza A - Crossing C (via Ojibway Parkway) - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	50.1	58.8	8.7	55	4.9
R23	53.7	55.2	1.5	54.9	1.2
R24	51.6	55.1	3.5	53.4	1.8
R25	40.7	52.6	11.9	49	8.3
R26	54.9	62	7.1	59.5	4.6
R27	49.2	57.7	8.5	55.6	6.4
R28	53.6	56.3	2.7	56.1	2.5
R29	54.5	56.1	1.6	55.9	1.4
R30	59.5	64.8	5.3	58.6	-0.9

Plaza A - Crossing C (via Ojibway Parkway) - 2025 Night-time

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49.5	57.1	7.6	53.6	4.1
R23	53.4	54.5	1.1	54.2	0.8
R24	51.1	54.4	3.3	52.7	1.6
R25	40.3	50.9	10.6	46.7	6.4
R26	54.2	60.9	6.7	58.8	4.6
R27	48.6	56.3	7.7	54.6	6
R28	53.1	55.5	2.4	55.3	2.2
R29	54.3	55.4	1.1	55.2	0.9
R30	58.3	63.8	5.5	57.7	-0.6

Plaza A - Crossing C (via Ojibway Parkway) - 2015 Night-time

Receptor	No Build (dBA)	With Crossing (dBA)	Difference (dBA)	With Crossing 4m BARRIER (dBA)	Difference 4m BARRIER (dbA)
R22	49	57.1	8.1	53.1	4.1
R23	52.8	54	1.2	53.7	0.9
R24	50.6	53.4	2.8	52	1.4
R25	39.9	50	10.1	46.2	6.3
R26	53.7	60.6	6.9	58.4	4.7
R27	48.1	56.3	8.2	54.1	6
R28	52.7	55.2	2.5	55	2.3
R29	53.7	55	1.3	54.8	1.1
R30	57.6	62.3	4.7	56.9	-0.7

Plaza B - Crossing C - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	56.3	66.1	9.8	55.7	-0.6
R23	59.9	63.1	3.2	60.5	0.6
R24	57.5	61.2	3.7	58.5	1
R27	55.4	67.3	11.9	55.6	0.2
R30	63.3	66.9	3.6	62.7	-0.6
R31	58.7	65.1	6.4	60	1.3
R32	57.5	73.3	15.8	57.9	0.4
R33	61.4	74.1	12.7	61.7	0.3
R34	61.3	71	9.7	61.7	0.4

Plaza B - Crossing C - 2025 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	56	65.4	9.4	55.1	-0.9
R23	59.6	62.4	2.8	60	0.4
R24	57.1	60.6	3.5	58.1	1
R27	55.1	66.5	11.4	54.9	-0.2
R30	61.8	66.1	4.3	62.3	0.5
R31	57.8	64.3	6.5	59.4	1.6
R32	57.1	72.3	15.2	57.3	0.2
R33	61.1	73.1	12	61.2	0.1
R34	61	70	9	61.2	0.2

Plaza B - Crossing C - 2015 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	55.6	64.3	8.7	54.2	-1.4
R23	59.1	61.6	2.5	59.5	0.4
R24	56.7	59.7	3	57.5	0.8
R27	54.7	65.4	10.7	53.9	-0.8
R30	61.3	65.2	3.9	61.7	0.4
R31	57.4	63.2	5.8	58.7	1.3
R32	56.7	71.1	14.4	56.3	-0.4
R33	60.7	71.9	11.2	60.3	-0.4
R34	60.6	68.8	8.2	60.4	-0.2

Plaza B - Crossing C - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	50.1	64.3	14.2	53.5	3.4
R23	53.7	59.7	6	54.9	1.2
R24	51.6	58.1	6.5	53.5	1.9
R27	49.2	61.9	12.7	52.7	3.5
R30	59.5	64.2	4.7	57.7	-1.8
R31	53.4	62.9	9.5	55.8	2.4
R32	51.6	72.2	20.6	55.9	4.3
R33	55.5	72.7	17.2	57.9	2.4
R34	55.5	69.4	13.9	57.7	2.2

Plaza B - Crossing C - 2025 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	49.5	63.4	13.9	52.5	3
R23	53.4	58.8	5.4	54.3	0.9
R24	51.1	57.2	6.1	52.8	1.7
R27	48.6	60.9	12.3	51.8	3.2
R30	58.3	63.2	4.9	57.1	-1.2
R31	52.6	61.8	9.2	54.9	2.3
R32	51	71	20	55	4
R33	55	71.6	16.6	57.1	2.1
R34	55.1	68.2	13.1	56.9	1.8

Plaza B - Crossing C - 2015 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	49	62	13	51.3	2.3
R23	52.8	57.5	4.7	53.6	0.8
R24	50.6	55.9	5.3	52.1	1.5
R27	48.1	59.5	11.4	50.8	2.7
R30	57.6	61.7	4.1	56.3	-1.3
R31	51.9	60.2	8.3	54	2.1
R32	50.3	69.4	19.1	53.6	3.3
R33	54.5	69.9	15.4	55.9	1.4
R34	54.6	66.6	12	55.8	1.2

Plaza B1 - Crossing B - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	56.3	66	9.7	55.4	-0.9
R23	59.9	63.1	3.2	60.4	0.5
R24	57.5	61.2	3.7	58.5	1
R27	55.4	67.2	11.8	55.3	-0.1
R30	63.3	66.9	3.6	62.7	-0.6
R31	58.7	65.1	6.4	60	1.3
R32	57.5	73.3	15.8	57.9	0.4
R33	61.4	74.1	12.7	61.7	0.3
R34	61.3	70.9	9.6	61.7	0.4

Plaza B1 - Crossing B - 2025 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	56	65.3	9.3	54.9	-1.1
R23	59.6	62.5	2.9	60.1	0.5
R24	57.1	60.6	3.5	58.1	1
R27	55.1	66.5	11.4	54.8	-0.3
R30	61.8	66.1	4.3	62.3	0.5
R31	57.8	64.3	6.5	59.4	1.6
R32	57.1	72.3	15.2	57.3	0.2
R33	61.1	73.1	12	61.2	0.1
R34	61	70	9	61.2	0.2

Plaza B1 - Crossing B - 2015 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	55.6	64.2	8.6	53.9	-1.7
R23	59.1	61.5	2.4	59.4	0.3
R24	56.7	59.6	2.9	57.3	0.6
R27	54.7	65.3	10.6	53.7	-1
R30	61.3	65.1	3.8	61.6	0.3
R31	57.4	63.1	5.7	58.3	0.9
R32	56.7	71.1	14.4	56.2	-0.5
R33	60.7	71.9	11.2	60.3	-0.4
R34	60.6	68.8	8.2	60.3	-0.3

Plaza B1 - Crossing B - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	50.1	64.3	14.2	52.9	2.8
R23	53.7	59.7	6	54.8	1.1
R24	51.6	58.1	6.5	53.4	1.8
R27	49.2	61.8	12.6	52.2	3
R30	59.5	64.2	4.7	57.8	-1.7
R31	53.4	62.9	9.5	55.8	2.4
R32	51.6	72.2	20.6	55.9	4.3
R33	55.5	72.7	17.2	57.9	2.4
R34	55.5	69.4	13.9	57.7	2.2

Plaza B1 - Crossing B - 2025 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	49.5	63.4	13.9	52.3	2.8
R23	53.4	58.8	5.4	54.3	0.9
R24	51.1	57.2	6.1	52.7	1.6
R27	48.6	60.9	12.3	51.6	3
R30	58.3	63.2	4.9	57.1	-1.2
R31	52.6	61.8	9.2	54.9	2.3
R32	51	71	20	55	4
R33	55	71.6	16.6	57.1	2.1
R34	55.1	68.2	13.1	56.9	1.8

Plaza B1 - Crossing B - 2015 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	49	62	13	50.9	1.9
R23	52.8	57.4	4.6	53.4	0.6
R24	50.6	55.6	5	51.5	0.9
R27	48.1	59.5	11.4	50.3	2.2
R30	57.6	61.6	4	56.1	-1.5
R31	51.9	60.1	8.2	53.3	1.4
R32	50.3	69.4	19.1	53.4	3.1
R33	54.5	69.9	15.4	55.8	1.3
R34	54.6	66.6	12	55.6	1

Plaza C - Crossing C - 2035 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	56.3	66.1	9.8	55.8	-0.5
R23	59.9	63.1	3.2	60.5	0.6
R24	57.5	61.2	3.7	58.5	1
R27	55.4	67.3	11.9	55.7	0.3
R30	63.3	66.9	3.6	62.7	-0.6
R31	58.7	65.2	6.5	60	1.3
R32	57.5	73.3	15.8	58	0.5
R33	61.4	74.1	12.7	61.7	0.3
R34	61.3	71	9.7	61.7	0.4

Plaza C - Crossing C - 2025 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	56	65.4	9.4	55.3	-0.7
R23	59.6	62.5	2.9	60.1	0.5
R24	57.1	60.6	3.5	58.1	1
R27	55.1	66.5	11.4	55.2	0.1
R30	61.8	66.1	4.3	62.3	0.5
R31	57.8	64.3	6.5	59.4	1.6
R32	57.1	72.3	15.2	57.4	0.3
R33	61.1	73.1	12	61.2	0.1
R34	61	70	9	61.2	0.2

Plaza C - Crossing C - 2015 Daytime

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	55.6	64.3	8.7	54.4	-1.2
R23	59.1	61.6	2.5	59.5	0.4
R24	56.7	59.7	3	57.5	0.8
R27	54.7	65.4	10.7	54.2	-0.5
R30	61.3	65.2	3.9	61.7	0.4
R31	57.4	63.2	5.8	58.7	1.3
R32	56.7	71.1	14.4	56.4	-0.3
R33	60.7	71.9	11.2	60.4	-0.3
R34	60.6	68.8	8.2	60.4	-0.2

Plaza C - Crossing C - 2035 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	50.1	64.3	14.2	53.7	3.6
R23	53.7	59.7	6	54.9	1.2
R24	51.6	58.1	6.5	53.5	1.9
R27	49.2	61.9	12.7	52.9	3.7
R30	59.5	64.2	4.7	57.7	-1.8
R31	53.4	62.9	9.5	55.7	2.3
R32	51.6	72.2	20.6	56	4.4
R33	55.5	72.8	17.3	57.9	2.4
R34	55.5	69.4	13.9	57.7	2.2

Plaza C - Crossing C - 2025 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	49.5	63.4	13.9	53	3.5
R23	53.4	58.8	5.4	54.4	1
R24	51.1	57.2	6.1	52.8	1.7
R27	48.6	60.9	12.3	52.2	3.6
R30	58.3	63.2	4.9	57.1	-1.2
R31	52.6	61.8	9.2	54.9	2.3
R32	51	71	20	55.1	4.1
R33	55	71.6	16.6	57.1	2.1
R34	55.1	68.2	13.1	56.9	1.8

Plaza C - Crossing C - 2015 Night-time

Receptor	No Build (dBA)	With Crossing NO BARRIER (dBA)	Difference NO BARRIER (dbA)	With Crossing 5m BARRIER (dBA)	Difference 5m BARRIER (dbA)
R22	49	62.1	13.1	51.8	2.8
R23	52.8	57.5	4.7	53.6	0.8
R24	50.6	55.9	5.3	52.2	1.6
R27	48.1	59.5	11.4	51.1	3
R30	57.6	61.7	4.1	56.4	-1.2
R31	51.9	60.2	8.3	54	2.1
R32	50.3	69.4	19.1	53.7	3.4
R33	54.5	69.9	15.4	56	1.5
R34	54.6	66.6	12	55.8	1.2