9.1.1
Road Noise Contours Lden

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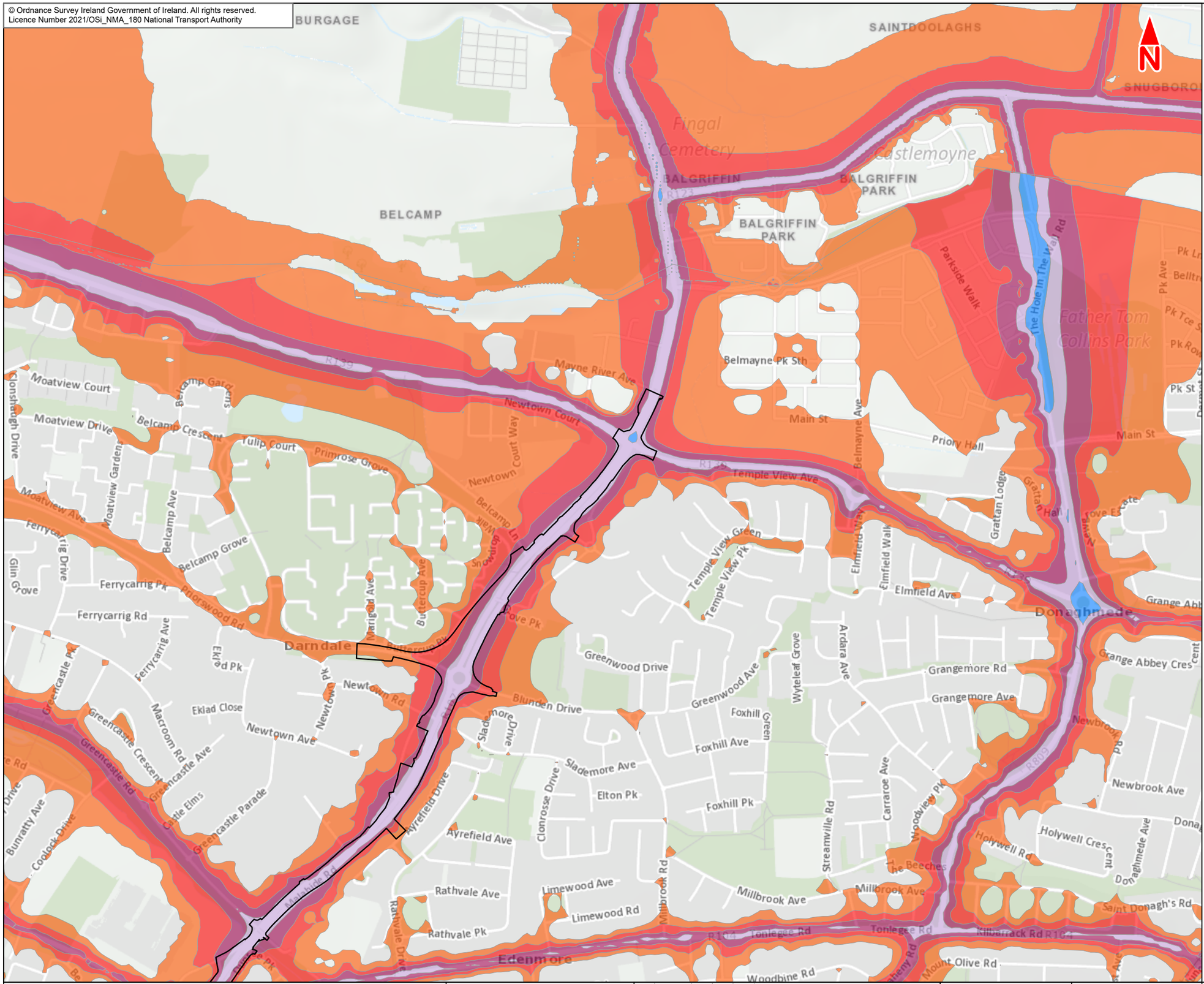

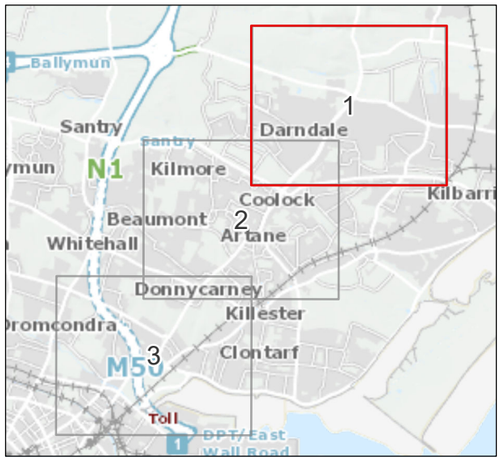

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Noise Round 3 Road - Lden

- 55-59 dB
- 60-64 dB
- 65-69 dB
- 70-74 dB
- Greater than 75 dB

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0 100 200 300 400 500 m

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Project Ireland 2040
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
L01	May 2021	HCH	SW	DK	For Client Review

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.1.1 Road Noise Contours Den

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0101	1 of 3	S3	L01

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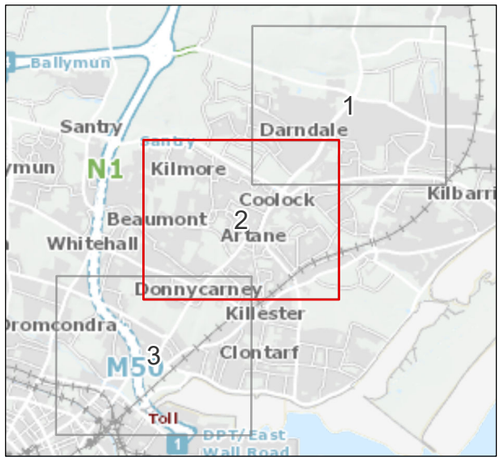

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Noise Round 3 Road - Lden

- 55-59 dB
- 60-64 dB
- 65-69 dB
- 70-74 dB
- Greater than 75 dB

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0 100 200 300 400 500 m

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.1.1 Road Noise Contours Den

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0102	2 of 3	S3	L01

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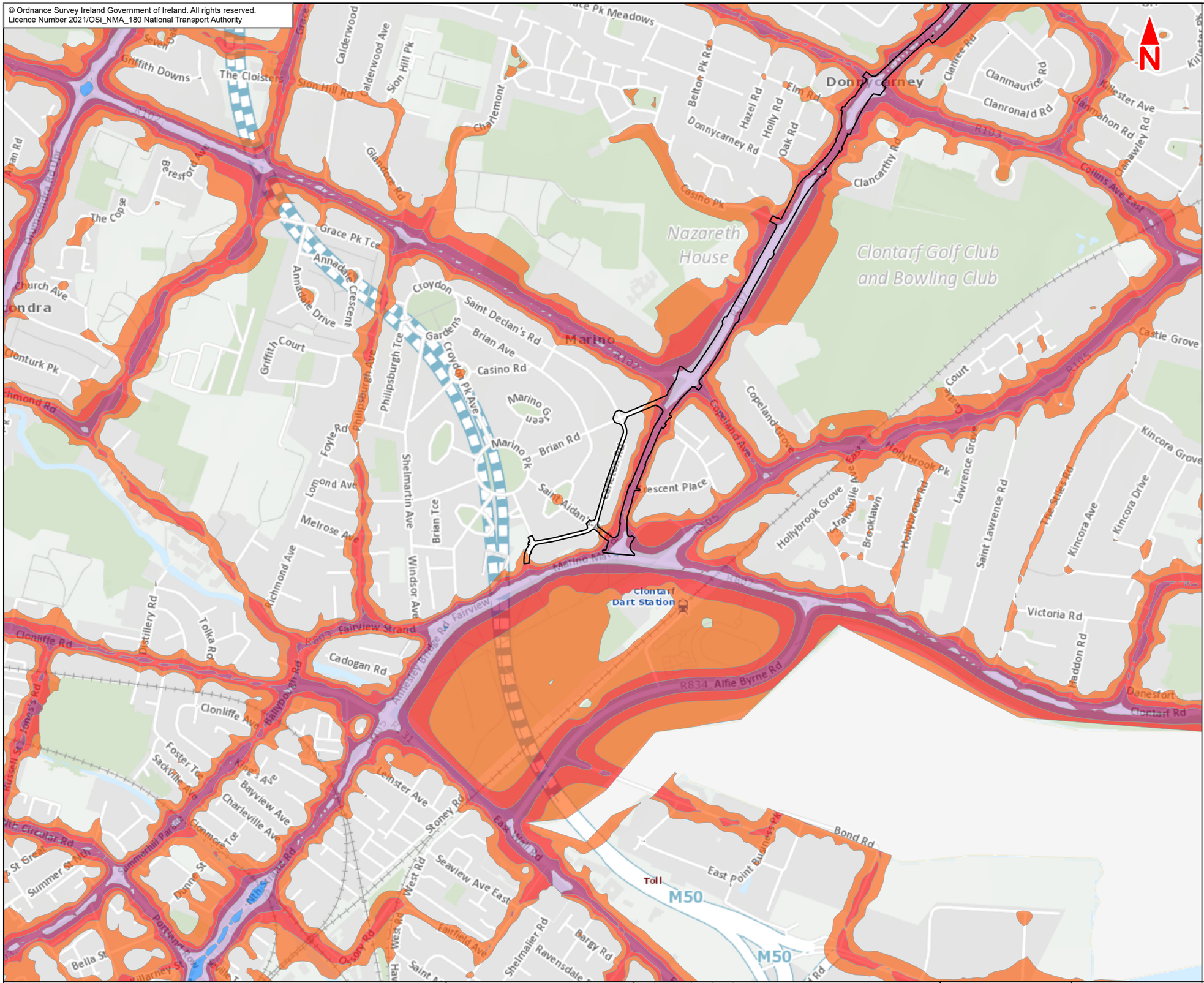

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Noise Round 3 Road - Lden

- 55-59 dB
- 60-64 dB
- 65-69 dB
- 70-74 dB
- Greater than 75 dB

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0 100 200 300 400 500 m

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.1.1 Road Noise Contours Den

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0103	3 of 3	S3	L01

9.1.2
Road Noise Contours Lnight

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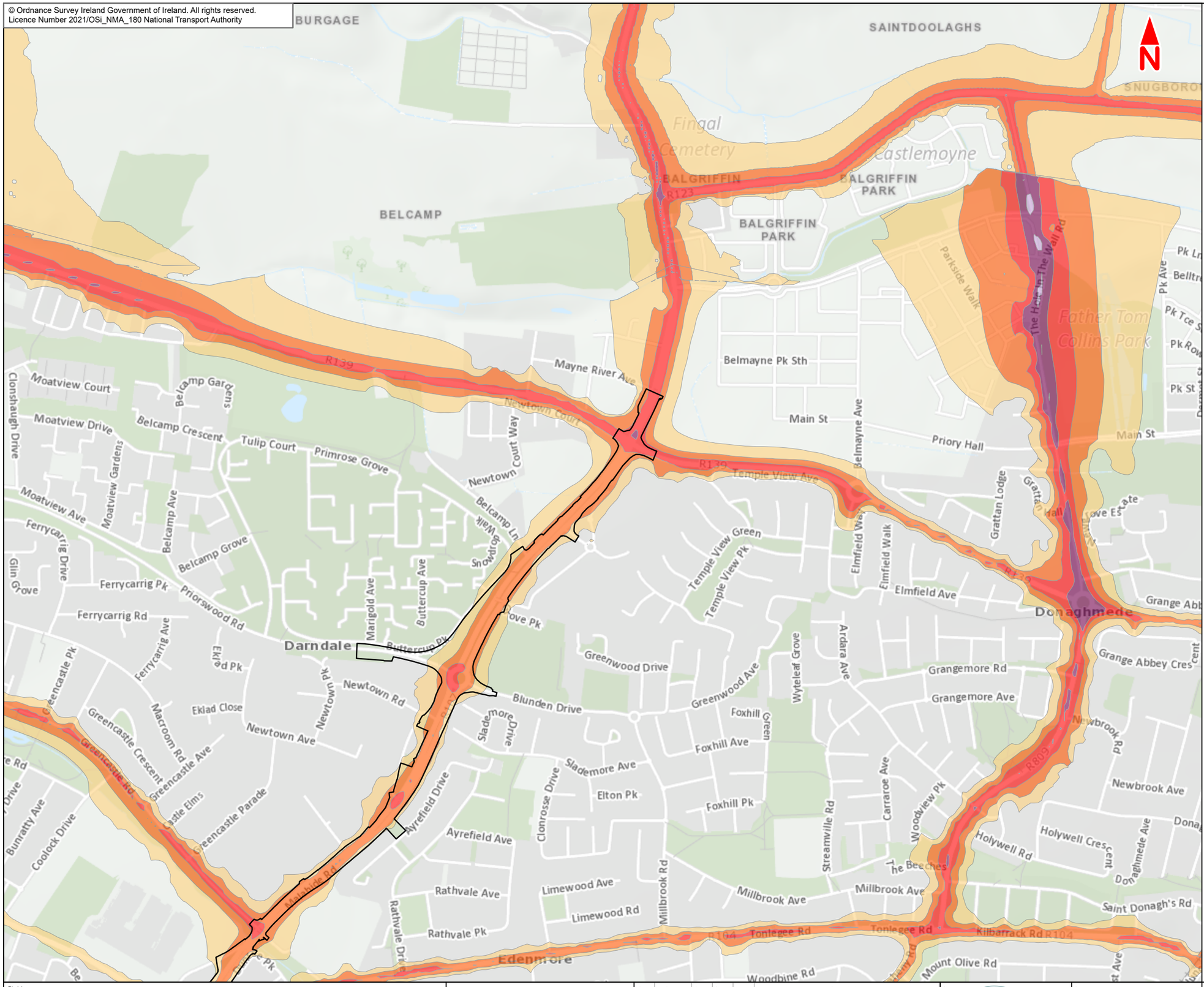

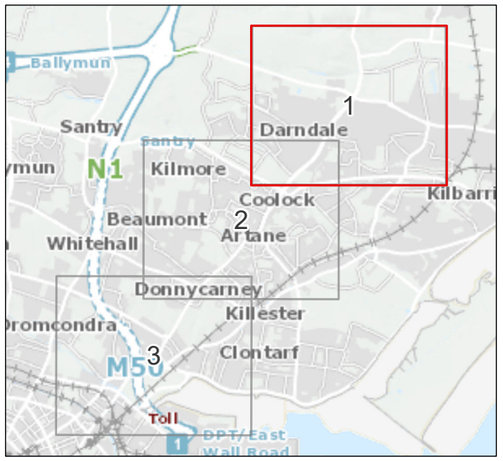

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Noise Round 3 Road - Lnight

- 50-54 dB
- 55-59 dB
- 60-64 dB
- 65-69 dB
- Greater than 70 dB

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0 100 200 300 400 500 m

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.1.2 Road Noise Contours Night

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0201	1 of 3	S3	L01

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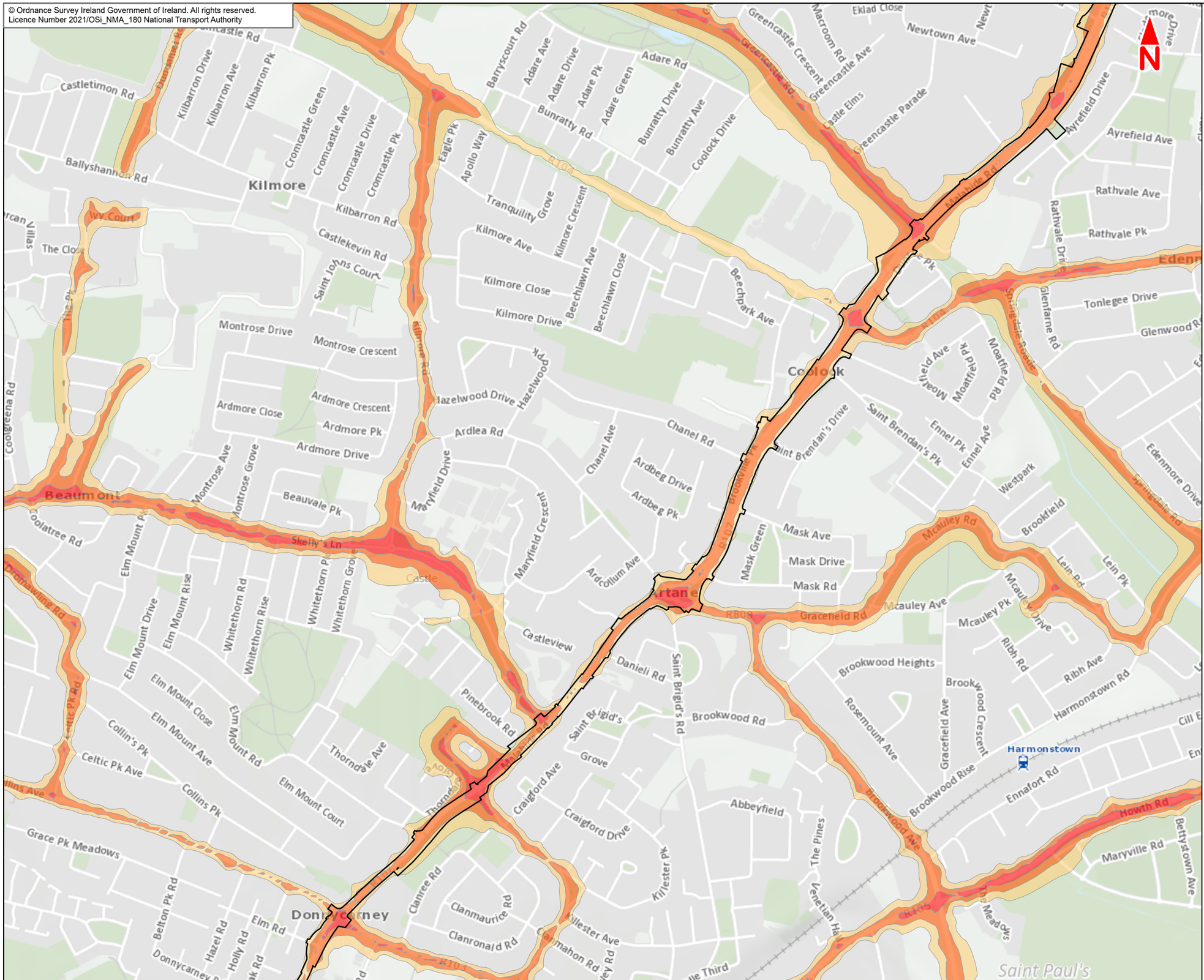

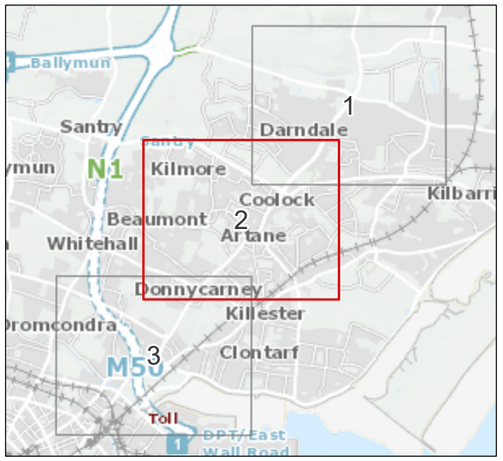

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Noise Round 3 Road - Lnight

- 50-54 dB
- 55-59 dB
- 60-64 dB
- 65-69 dB
- Greater than 70 dB

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0 100 200 300 400 500 m

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Consultant: Jacobs ARUP SYSTRA

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24/05/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.1.2 Road Noise Contours Night

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0202	2 of 3	S3	L01

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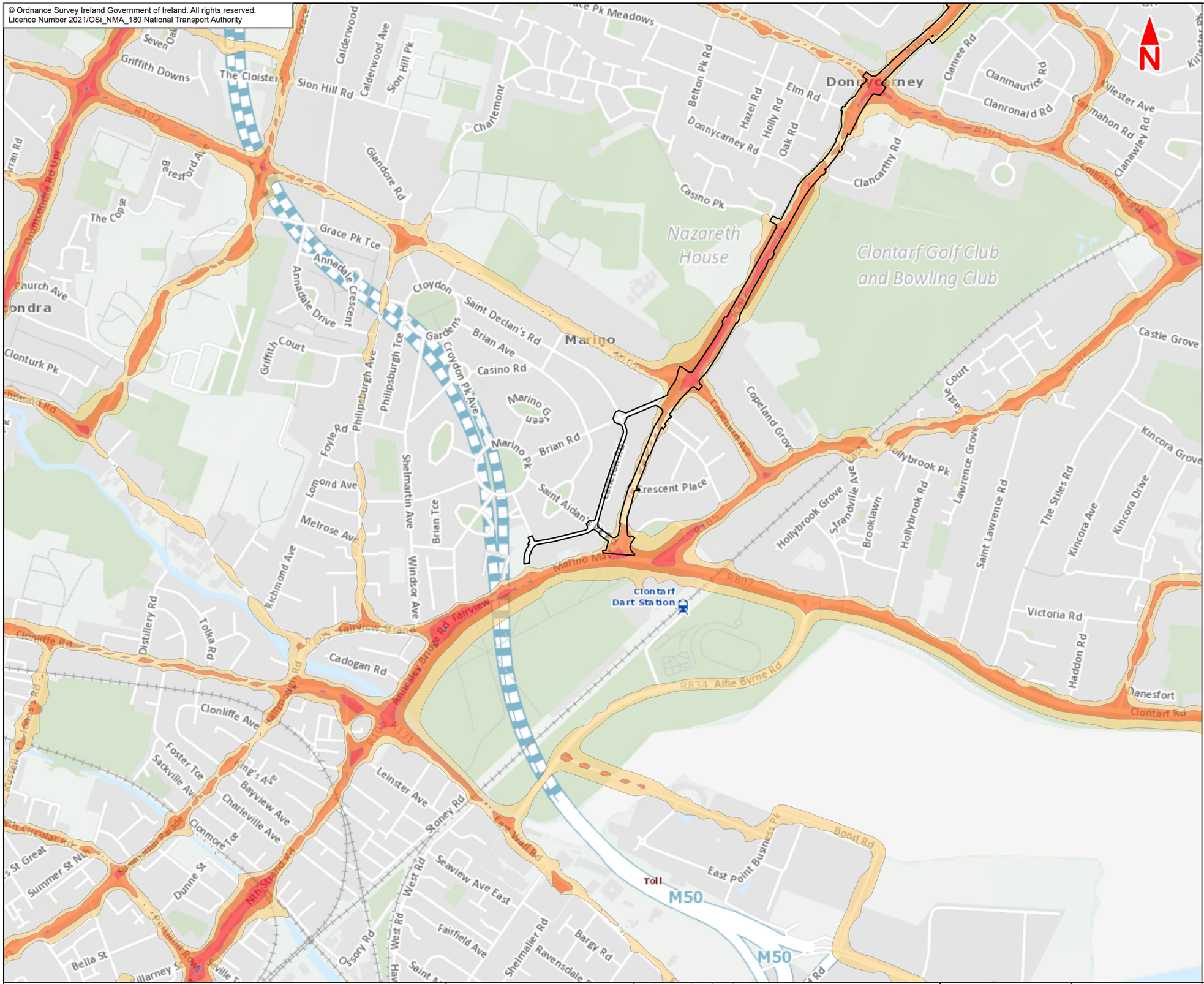

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Noise Round 3 Road - Lnight

- 50-54 dB
- 55-59 dB
- 60-64 dB
- 65-69 dB
- Greater than 70 dB

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0 100 200 300 400 500 m

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L01	May 21	HCH	SW	DK	For Client Review

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.1.2 Road Noise Contours Night

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0203	3 of 3	S3	L01

9.2
Noise Monitoring Locations

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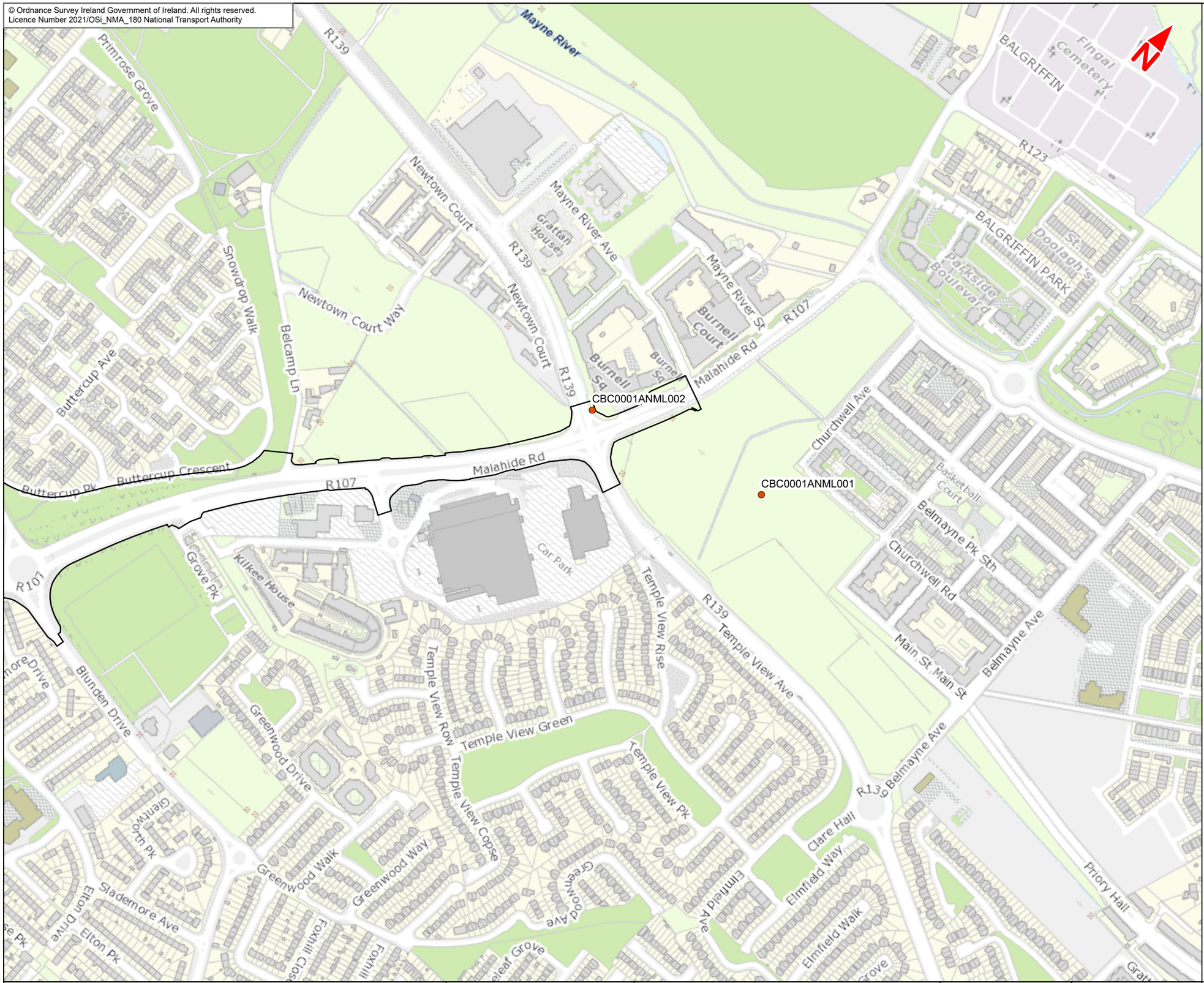

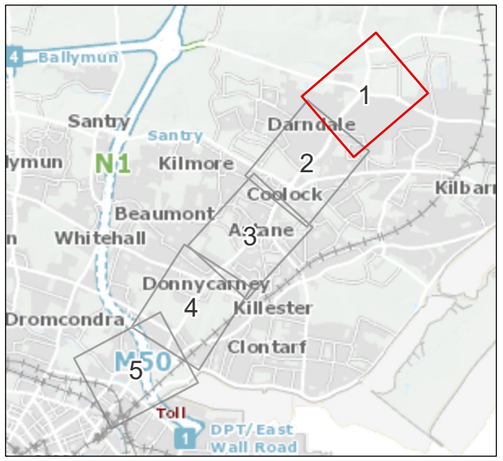

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Noise Monitoring Locations

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0 50 100 150 200 250 m

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Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:5 000	HCH	SW	DK
Project Code: BCIDE	Originator Code: JAC	QMS Code		

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.2 Noise Monitoring Locations

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0301	1 of 5	S3	L01

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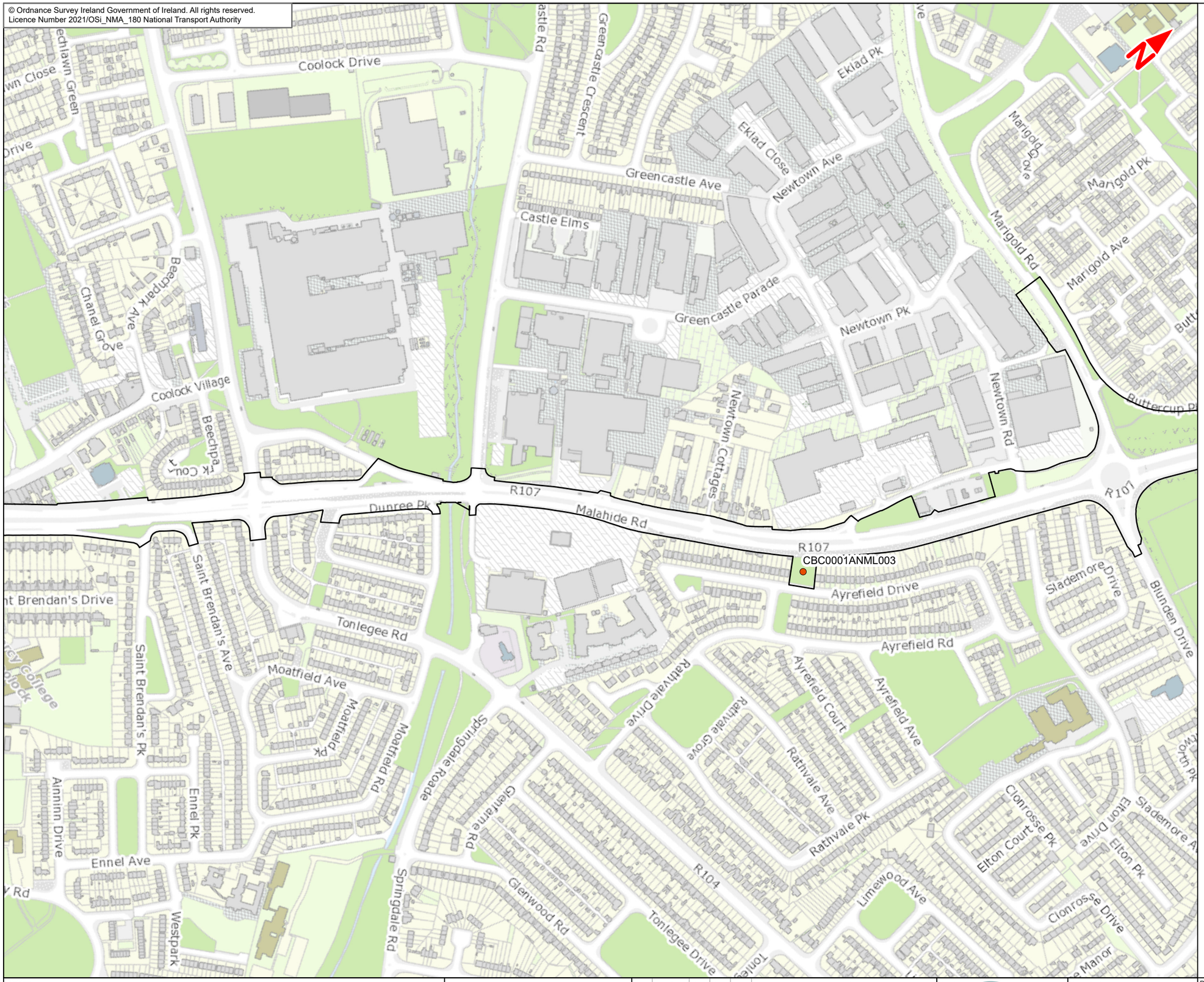

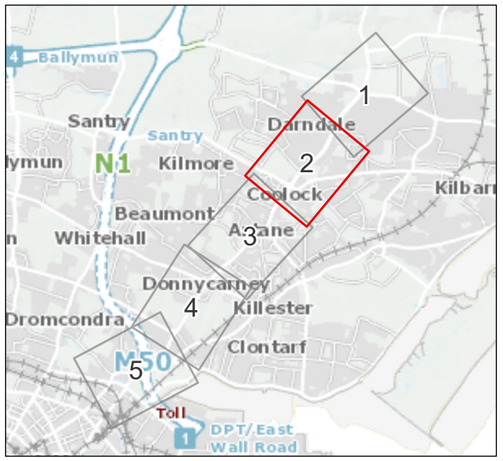

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Noise Monitoring Locations

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0 50 100 150 200 250 m

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L01	May 2021	HCH	SW	DK	For Client Review

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:5 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.2 Noise Monitoring Locations

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0302	2 of 5	S3	L01

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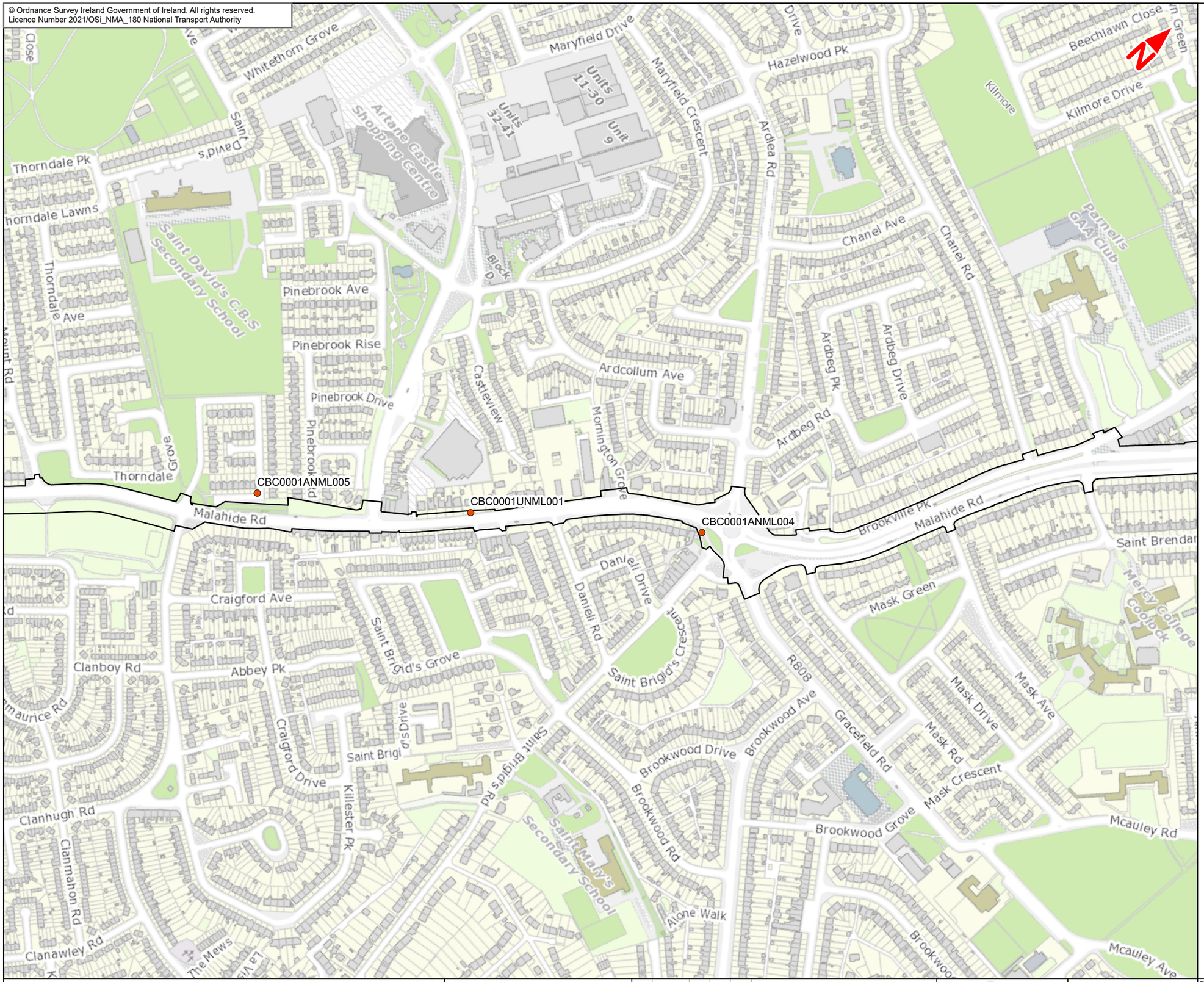

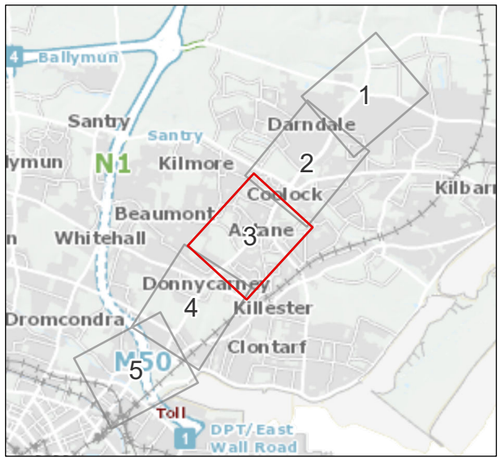

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Noise Monitoring Locations

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0 50 100 150 200 250 m

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Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:5 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.2 Noise Monitoring Locations

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0303	3 of 5	S3	L01

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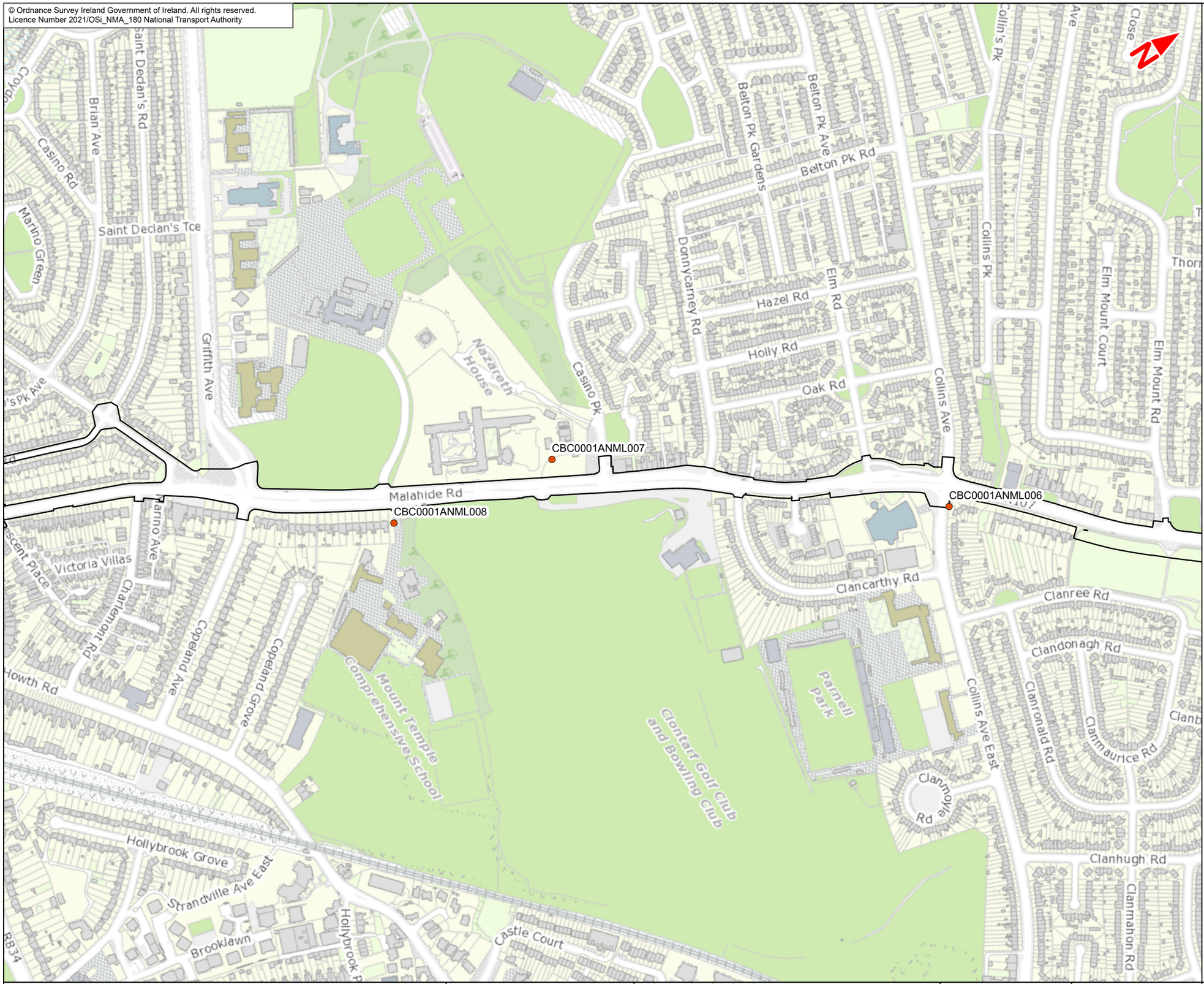

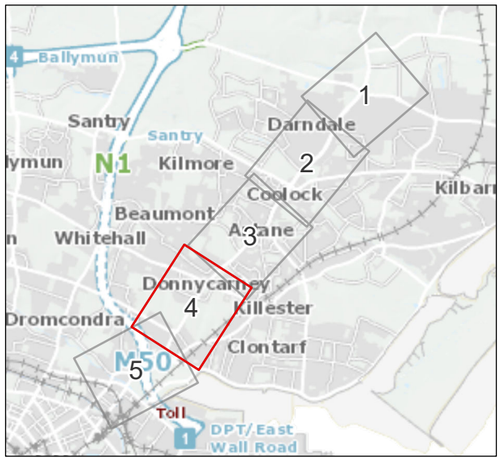

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Noise Monitoring Locations

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0 50 100 150 200 250 m

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Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:5 000	HCH	SW	DK
Project Code: BCIDE	Originator Code: JAC	QMS Code		

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.2 Noise Monitoring Locations

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0304	4 of 5	S3	L01

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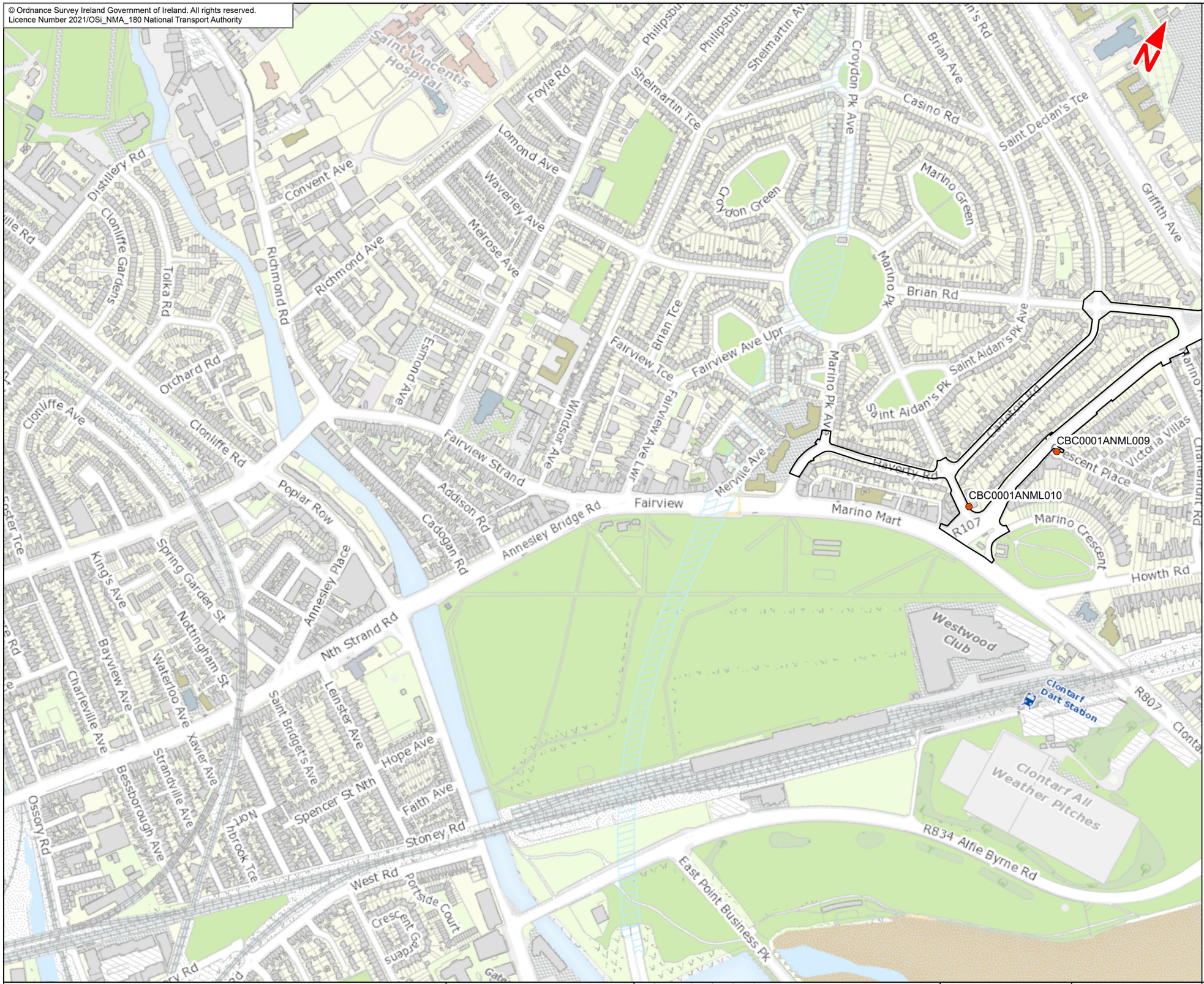

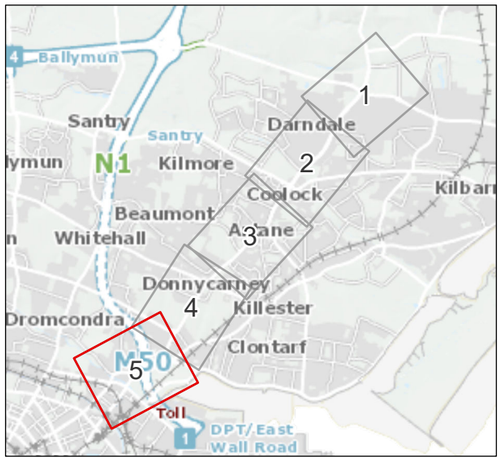

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme
- Noise Monitoring Locations

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0 50 100 150 200 250 m

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Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
24/05/2021	1:5 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.2 Noise Monitoring Locations

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0305	5 of 5	S3	L01

9.3
Construction Traffic Noise Impacts

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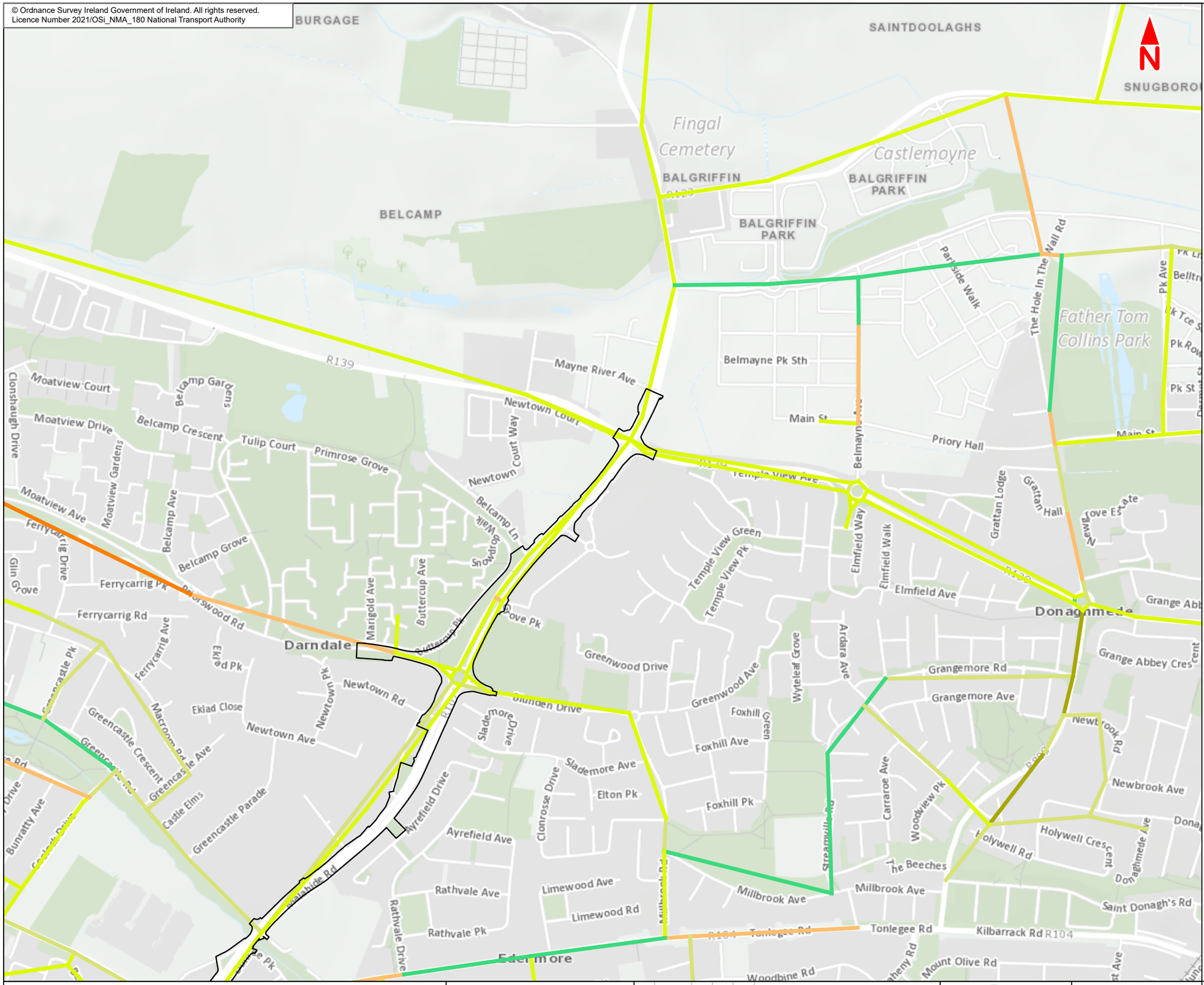

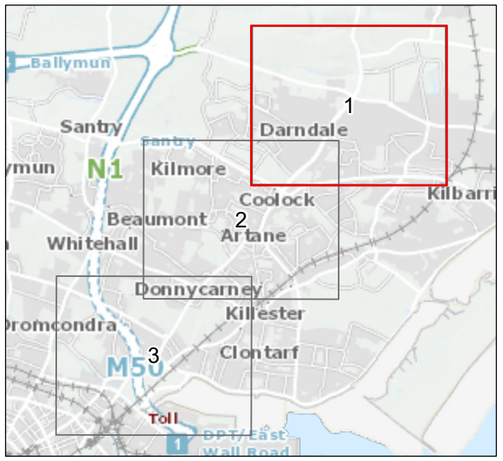

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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0 100 200 300 400 500 m

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Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
14/07/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.3 Construction Traffic Noise Impacts

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0401	1 of 3	S3	L01

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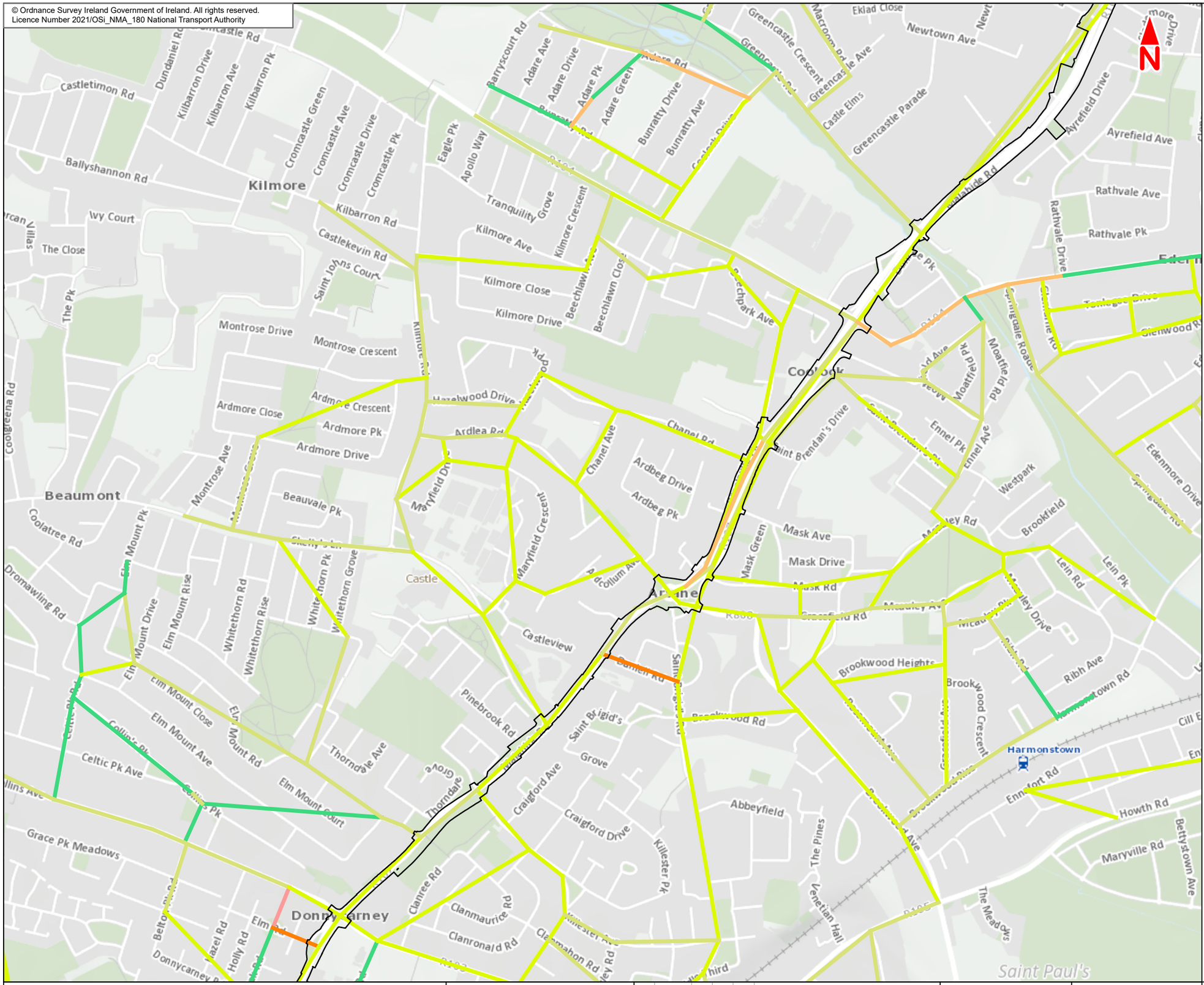

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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0 100 200 300 400 500 m

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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
14/07/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.3 Construction Traffic Noise Impacts

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0402	2 of 3	S3	L01

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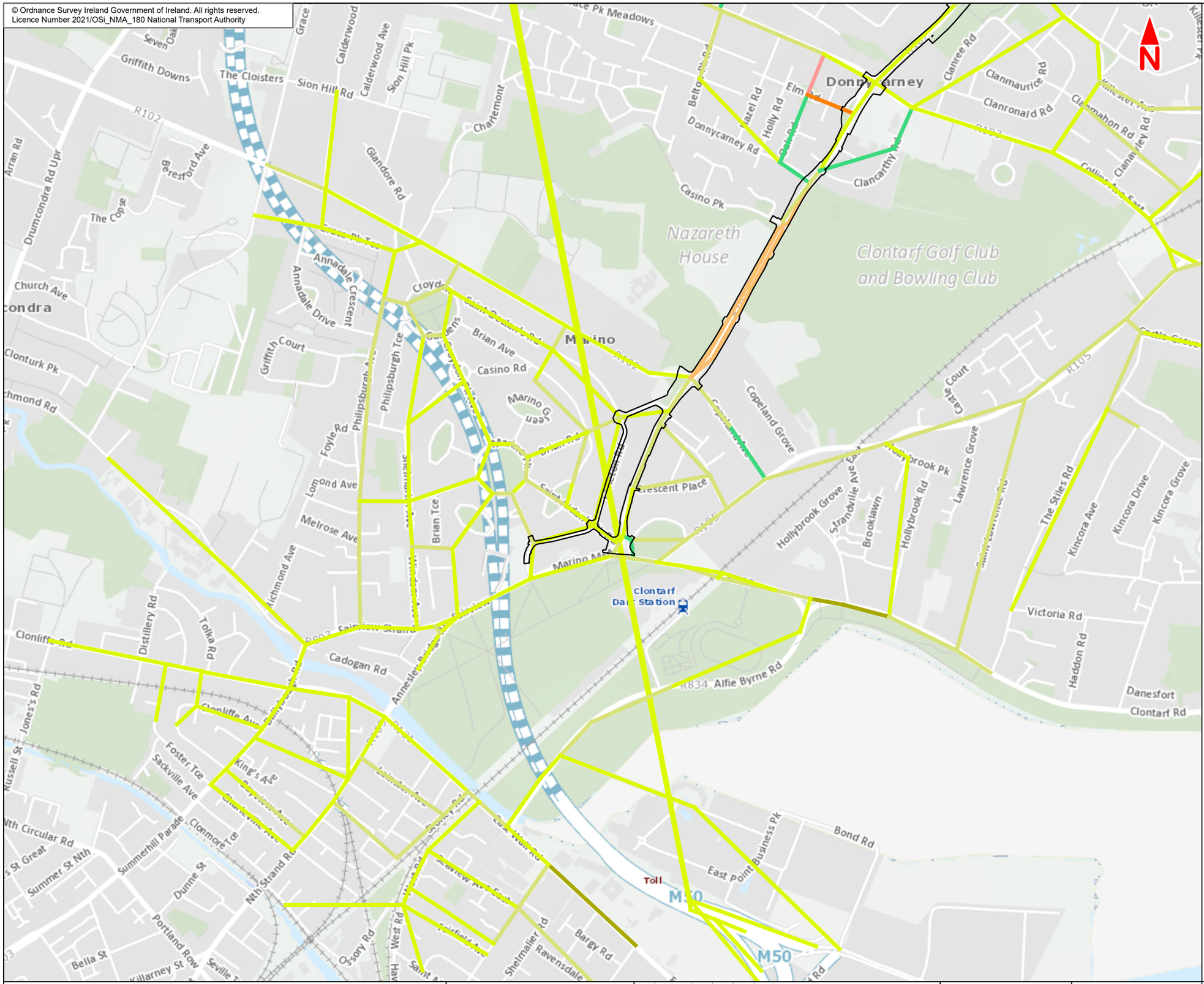

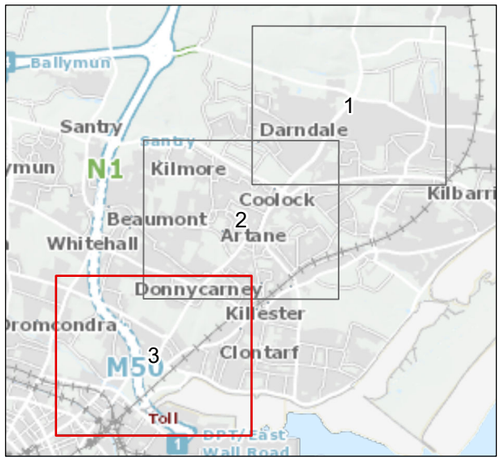

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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0 100 200 300 400 500 m

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.3 Construction Traffic Noise Impacts

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0403	3 of 3	S3	L01

9.4
Opening Year 2028 Traffic Noise Impact Summary

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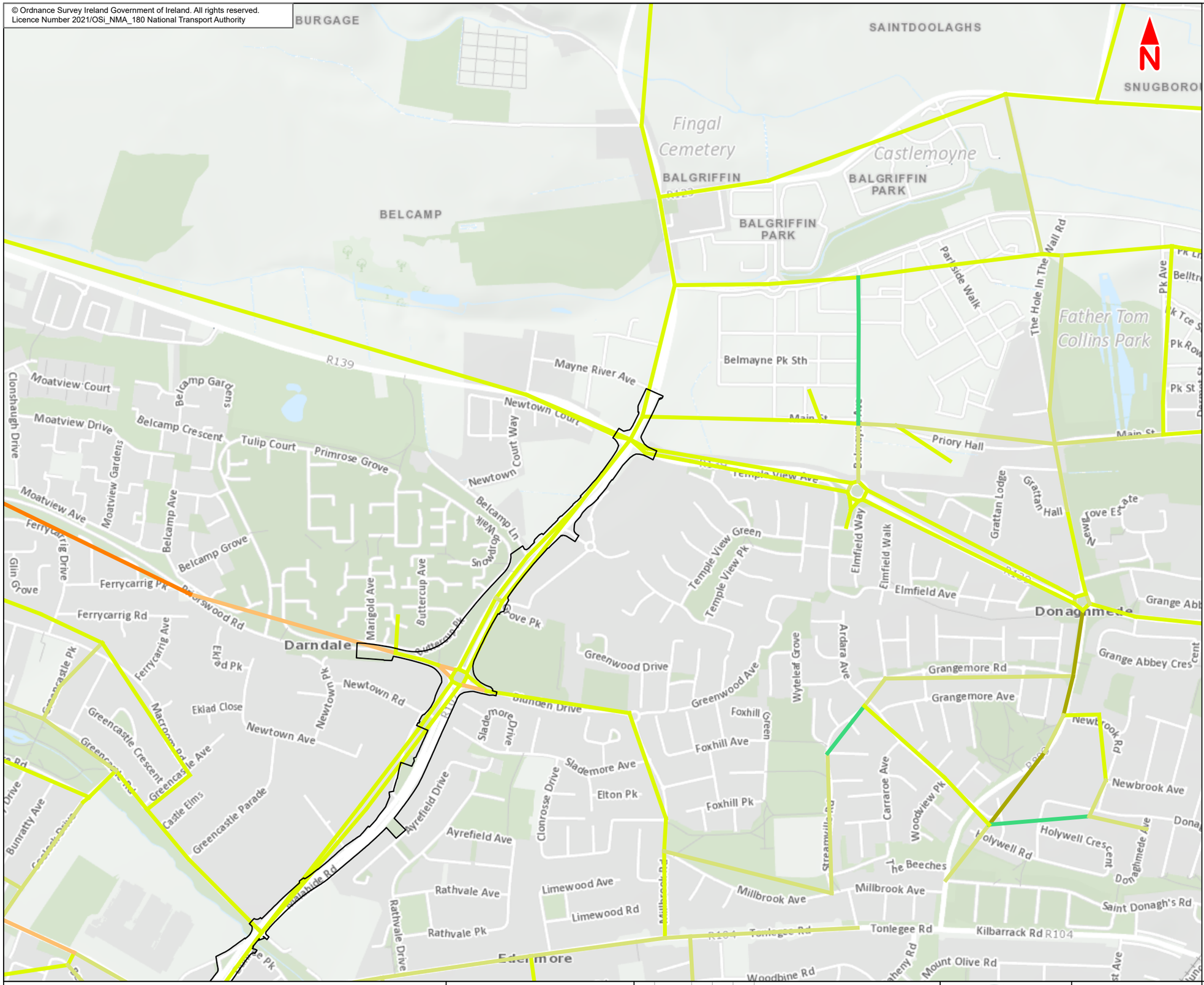

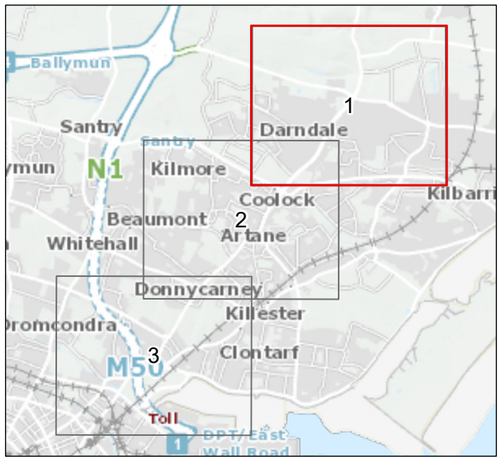

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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Rev	Date	Drn	Chk'd	App'd	Description
L01	May 2021	HCH	SW	DK	For Client Review

Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
14/07/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.4 Opening Year 2028 Traffic Noise Impact Summary

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0501	1 of 3	S3	L01

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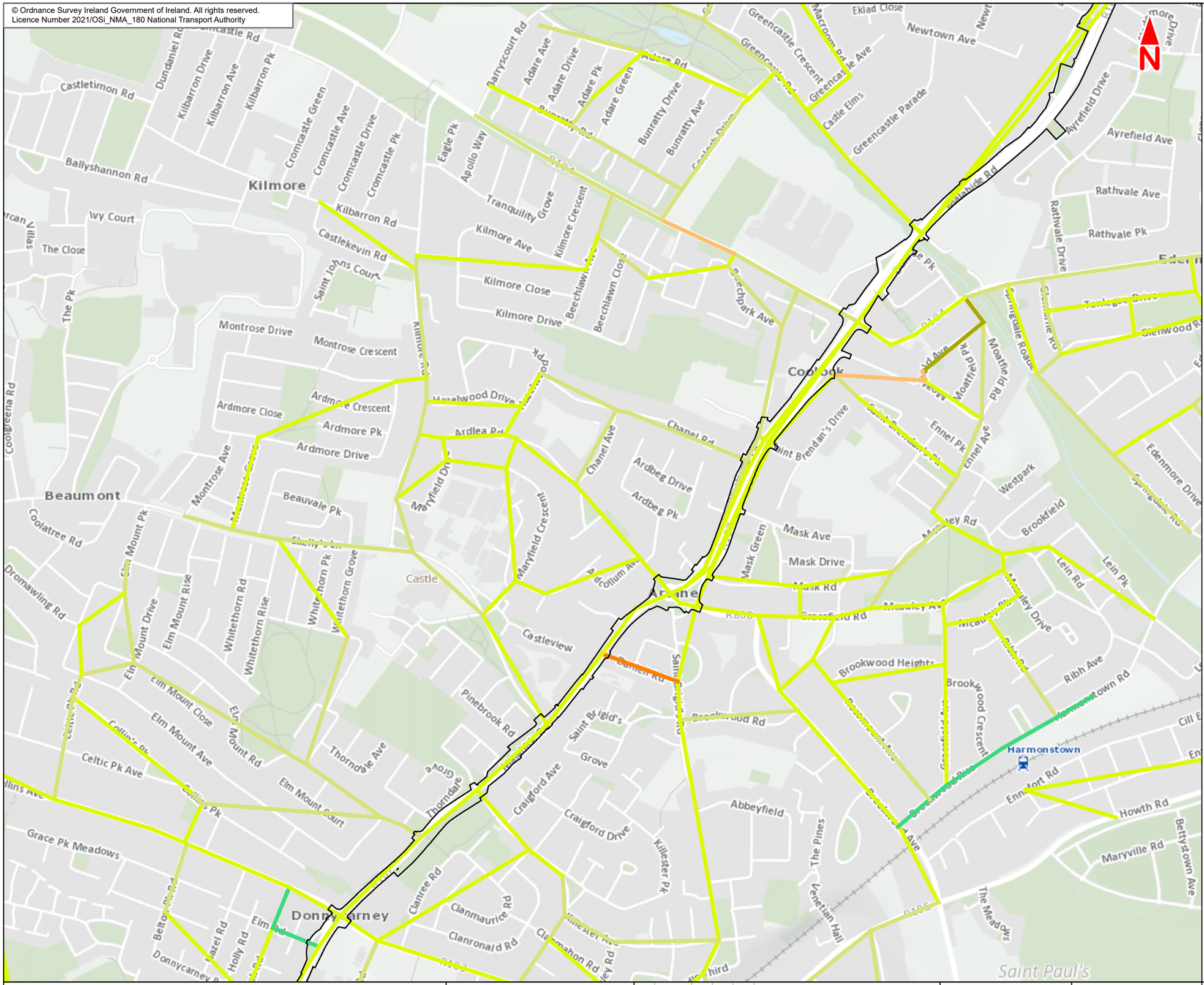

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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0 100 200 300 400 500 m

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Rev	Date	Drn	Chk'd	App'd	Description
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Client: NTA Údarás Náisiúnta Iompair National Transport Authority

Consultant: Jacobs ARUP SYSTRA

Date	Scale @ A3	Drawn	Checked	Approved
14/07/2021	1:10 000	HCH	SW	DK

Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.4 Opening Year 2028 Traffic Noise Impact Summary

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0502	2 of 3	S3	L01

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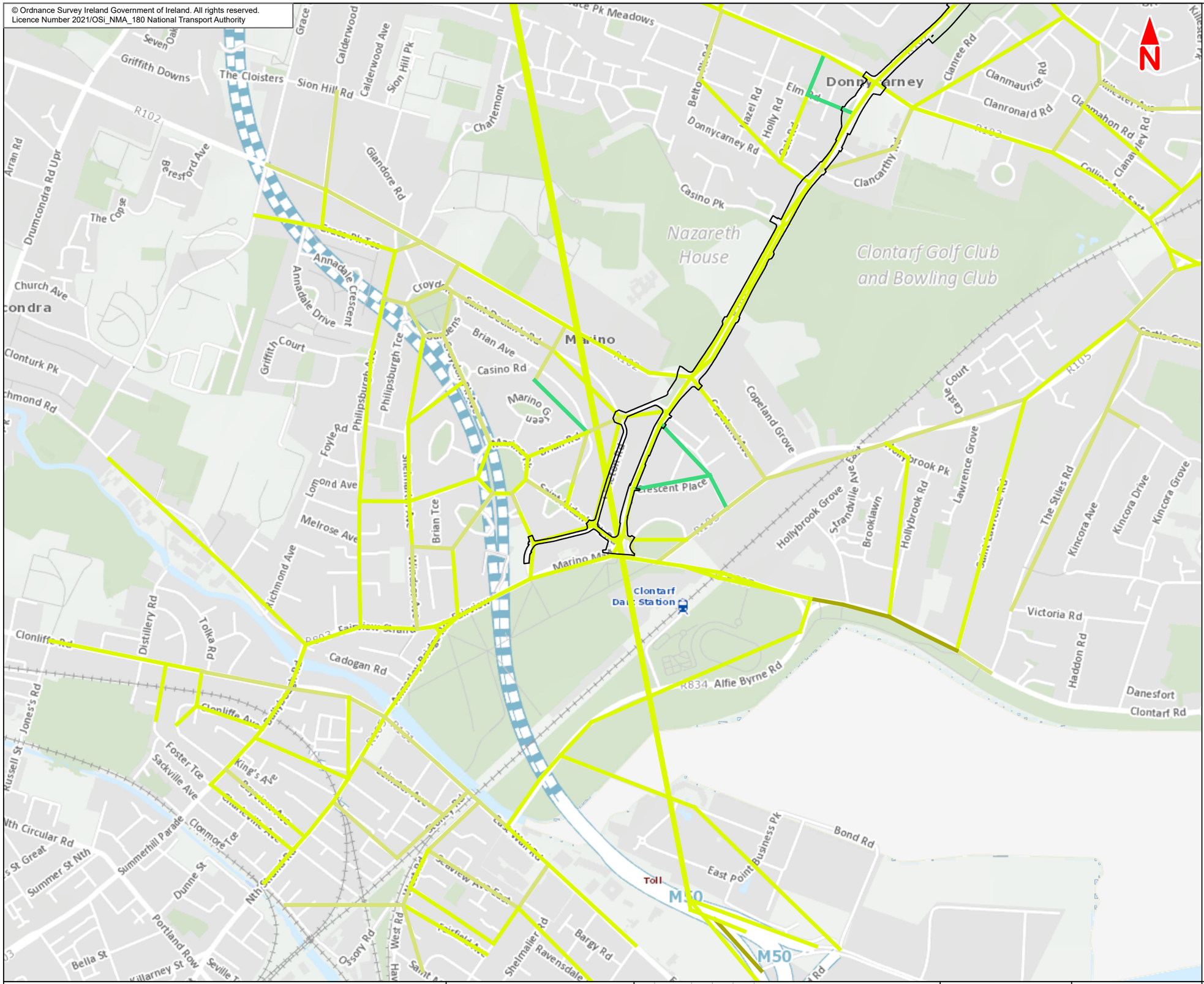

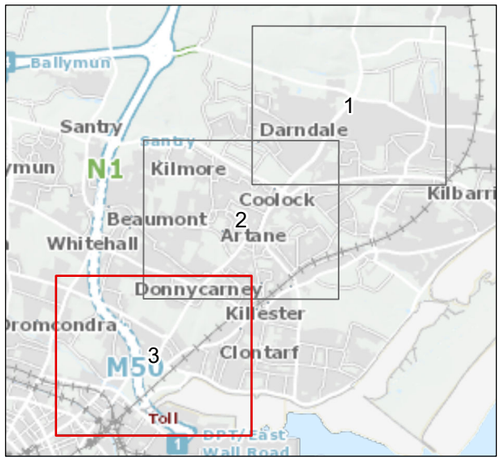

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.4 Opening Year 2028 Traffic Noise Impact Summary

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0503	3 of 3	S3	L01

9.5
Design Year 2043 Traffic Noise Impact Summary

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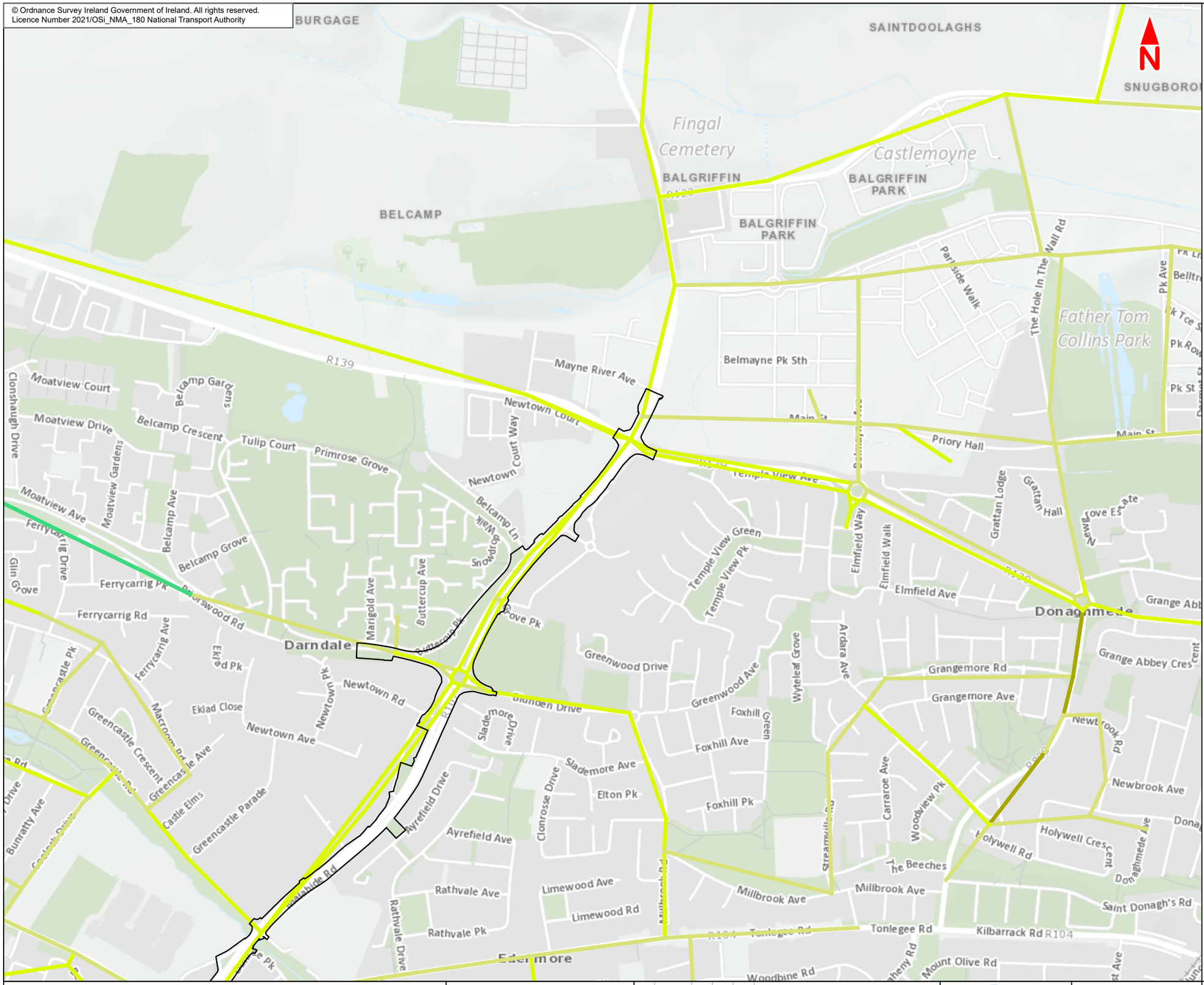

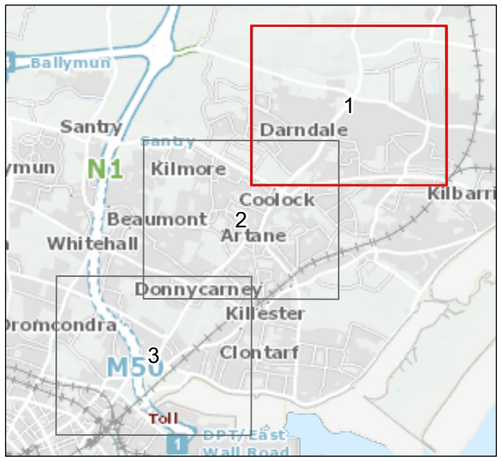

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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Project Code	Originator Code	QMS Code
BCIDE	JAC	

Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.5 Design Year 2043 Traffic Noise Impact Summary

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0601	1 of 3	S3	L01

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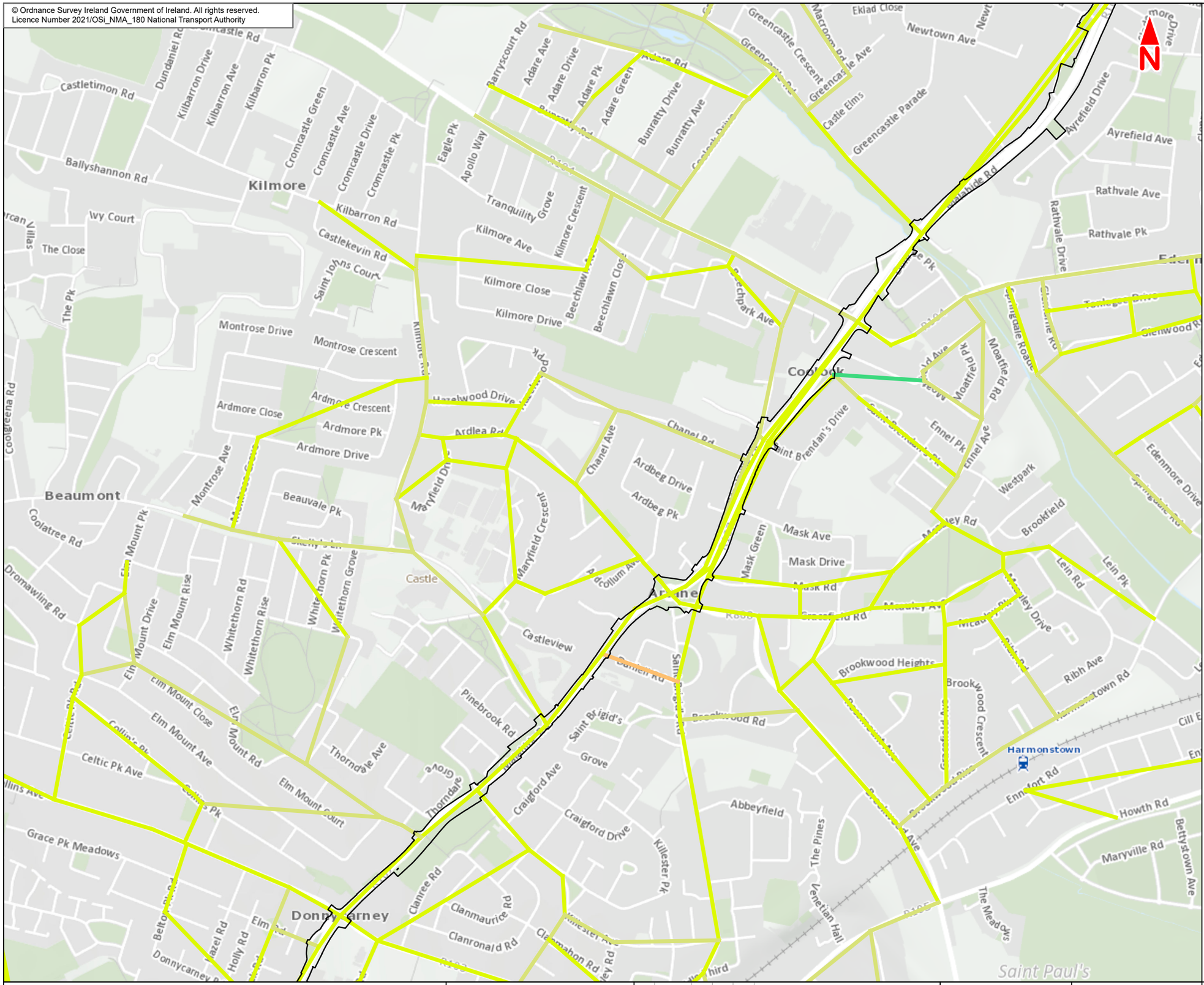

Legend :

Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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0 100 200 300 400 500 m

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Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.5 Design Year 2043 Traffic Noise Impact Summary

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0602	2 of 3	S3	L01

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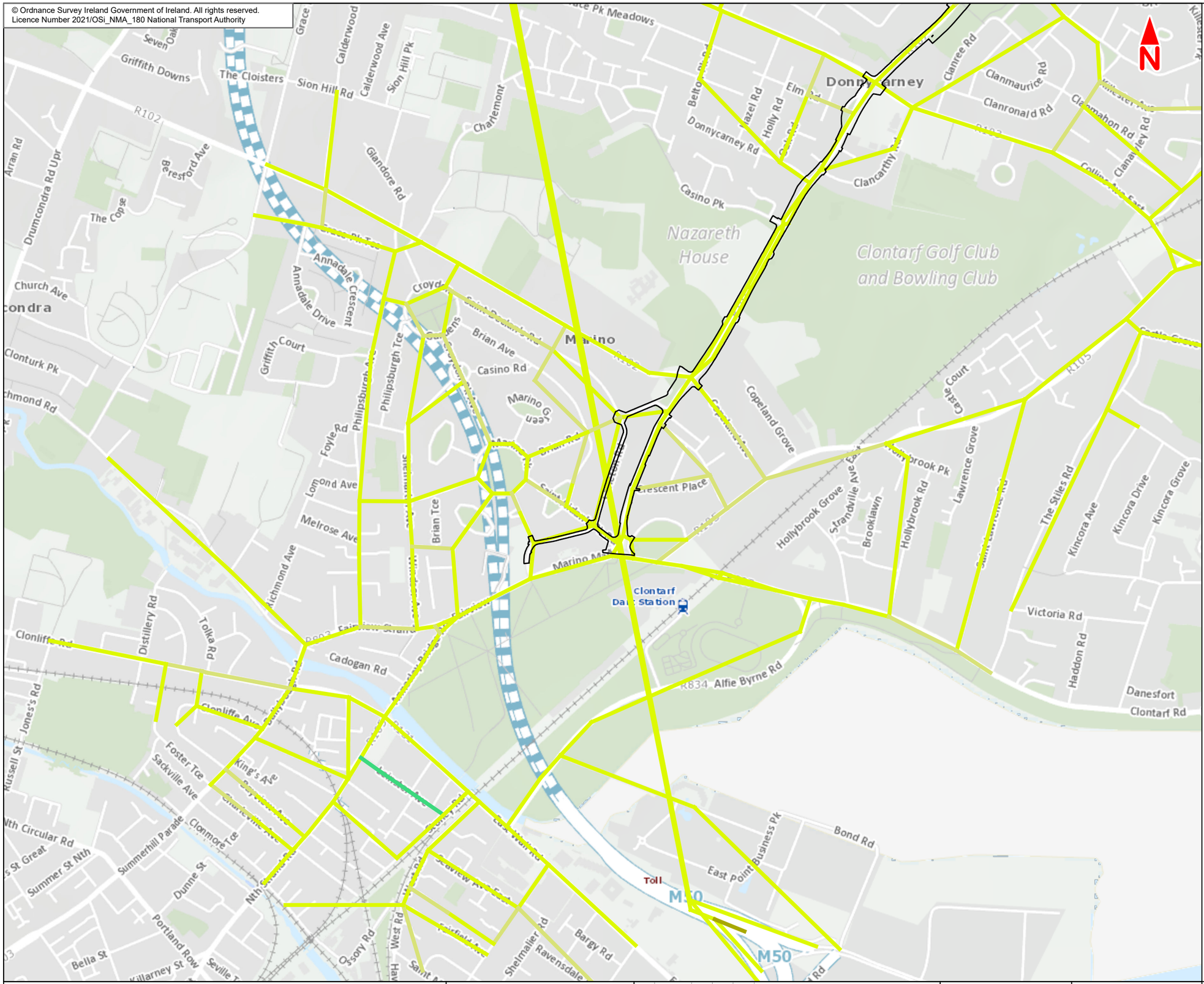

Legend :

- Clongriffin to City Centre Core Bus Corridor Scheme

Overall Significance

- Imperceptible / Positive
- Not Significant
- Not Significant - Slight
- Slight
- Slight - Moderate
- Moderate
- Moderate - Significant

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0 100 200 300 400 500 m

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Project Title: Clongriffin to City Centre Core Bus Corridor Scheme

Drawing Title: Figure 9.5 Design Year 2043 Traffic Noise Impact Summary

Drawing File Reference	Sheet Number	Status	Rev
BCIDE-JAC-ENV_NV-0001_XX_00-DR-GG-0603	3 of 3	S3	L01