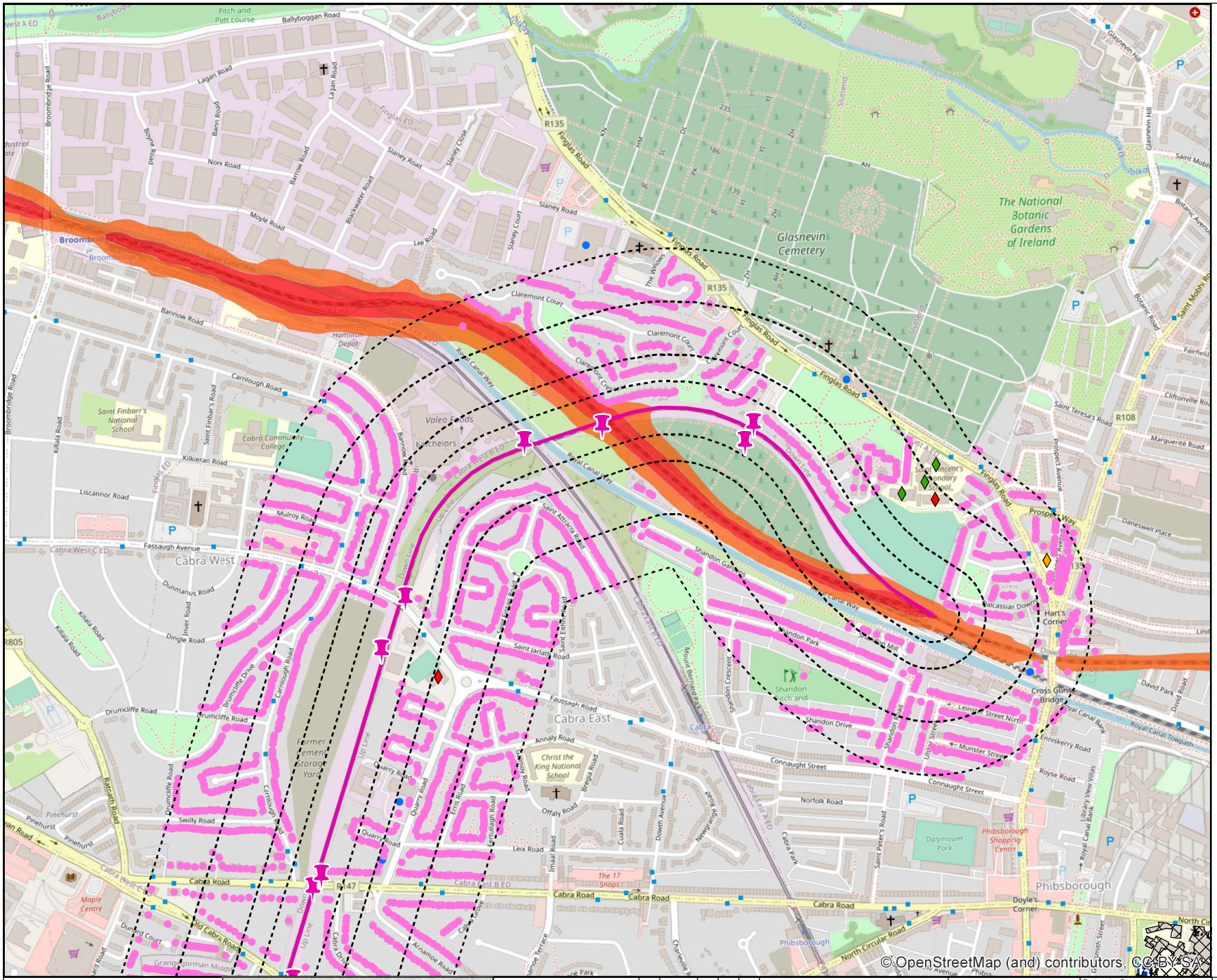


Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

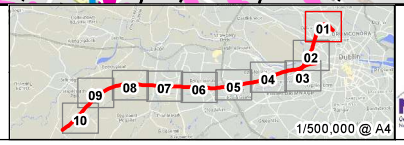
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL — Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

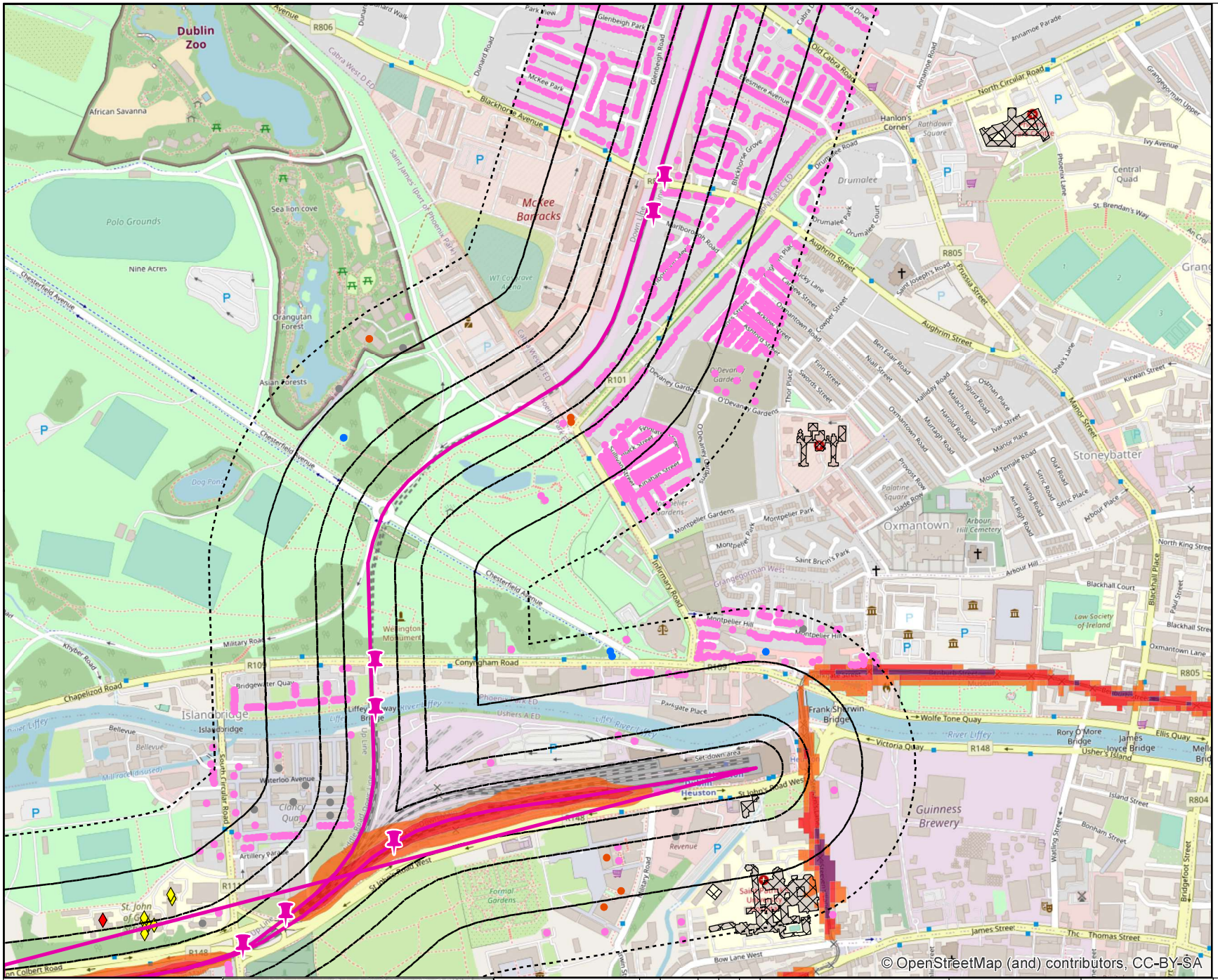
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

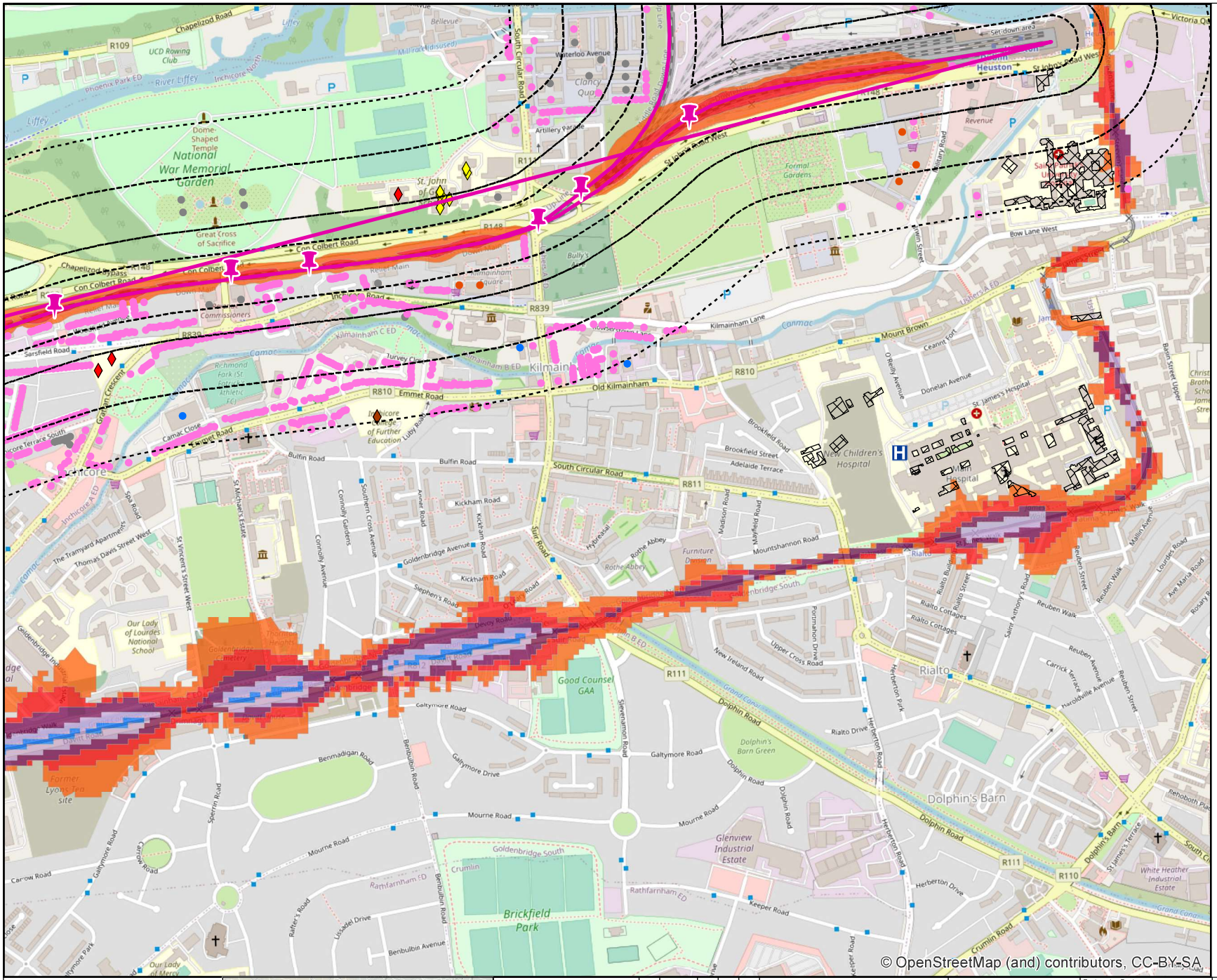
Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 01 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY


Dublin Zoo
African Savanna
Polo Grounds
Sea lion cove
Nine Acres
Orangutan Forest
Asian Forests
McKee Barracks
Blackhorse Avenue
Glenbeigh Park
Glenbeigh Road
Old Cabra Road
Annamoe Parade
North Circular Road
Hanlon's Corner
Rathdown Square
Drumalee
Central Quad
Ivy Avenue
St. Brendan's Way
Aughrim Street
Prussia Street
Stoneybatter
Oxmantown
Arbour Hill Cemetery
Saint Bricin's Park
Montpelier Hill
Montpelier Park
Montpelier Gardens
Infirmary Road
Chesterfield Avenue
Military Road
Wellington Monument
Conyngham Road
Chapelizod Road
Islandbridge
Bellevue
Waterloo Avenue
Clancy Quay
Artillery Parade
Formal Gardens
Heuston
St John's Road West
Seldown area
Frank Sherwin Bridge
Wolfe Tone Quay
Victoria Quay
Rory O'More Bridge
James Joyce Bridge
Usher's Island
Ellis Quay
Guinness Brewery
Island Street
Bonham Street
Watling Street
Bridgefoot Street
James Street
Thomas Street
Bow Lane West
Parkgate Place
Low Society of Ireland
Blackhall Place
Blackhall Street
Oxmantown Lane
North King Street
Arbour Hill
Mount Temple Road
Manor Street
Kirwan Street
Shea's Lane
Phoenix Lane
Dunard Road
McKee Park
Cabra West D ED
Saint James' (part of) Phoenix Park
Chesterfield Avenue
Khyber Road
Bridgewater Quay
Liffey Bridge
Ushers A ED
Phoenix D ED
Liffey River Quay
Mill Race (disused)
South Circular Road
Colbert Road
R806
R101
R109
R148
R805
R804
R111
Revenue
Salesian Primary School
Formal Gardens
Wellington Monument
Dog Pond
Wt Cowper Memo
Devaney Gardens
O'Devaney Gardens
Grangegorman West
Grangegorman Upper
Annamoe Road
Drumalee Court
Drumalee Park
Drumalee Road
Cowper Street
Dorset Street
Blackhorse Grove
Dunard Road
Glenbeigh Road
Mountjoy Square
Gardiner Street
Sean McDermott Street
Thor Place
Swords Street
Finn Street
Ben Edair Road
Nial Street
Halliday Road
Malachi Road
Harold Road
Murtagh Road
Oxmantown Road
Provost Row
Palatine Square
Slade Row
Ostman Place
Sigurd Road
Ivar Street
Manor Place
Viking Road
Sitric Road
Sitric Place
Arbour Place
Our Road
Ard Righ Road
Paul Street
Blackhall Court
Dublin Museum
Denburn Street
Heuston Station
Saint Joseph's Road
Prussia Street
Cabra Drive
Annamoe Road
Grangegorman Upper
Dunard Walk
Park View
Cabra West D ED
Blackhorse Avenue
Chesterfield Avenue
Phoenix Park
Liffey River Quay
Ushers A ED
Phoenix D ED
Mill Race (disused)
Bellevue
Islandbridge
Bridgewater Quay
Khyber Road
Chapelizod Road
Colbert Road
Bow Lane West
Thomas Street
James Street
Bridgefoot Street
Watling Street
Bonham Street
Island Street
Ellis Quay
Usher's Island
Victoria Quay
Wolfe Tone Quay
Parkgate Place
Artillery Parade
Waterloo Avenue
Clancy Quay
Military Road
Conyngham Road
Infirmary Road
Montpelier Hill
Montpelier Park
Montpelier Gardens
Saint Bricin's Park
Arbour Hill
Oxmantown Lane
Blackhall Place
Blackhall Street
North King Street
Mount Temple Road
Manor Street
Kirwan Street
Shea's Lane
Phoenix Lane
Ivy Avenue
St. Brendan's Way
Aughrim Street
Prussia Street
Saint Joseph's Road
Drumalee Road
Drumalee Park
Drumalee Court
Annamoe Road
Annamoe Parade
North Circular Road
Old Cabra Road
Glenbeigh Road
Glenbeigh Park
Park View
Dunard Road
Dunard Walk
Cabra West D ED
Blackhorse Avenue
Chesterfield Avenue



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNO RAIL, CPS

Supported by: CPS

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

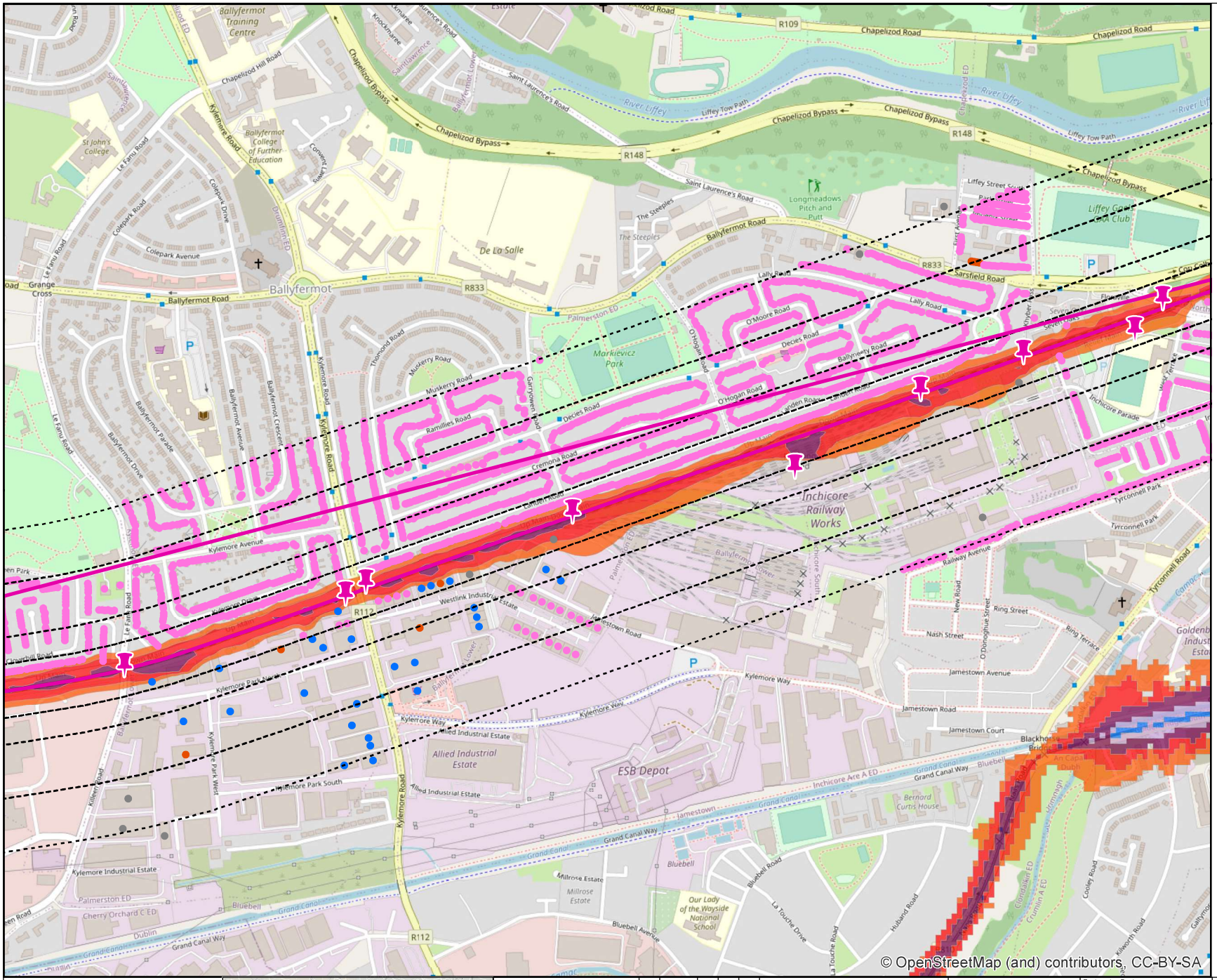
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 03 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

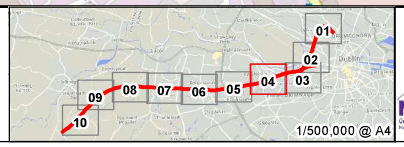
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: ATKINS (TYPSA, TYC Rail) Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

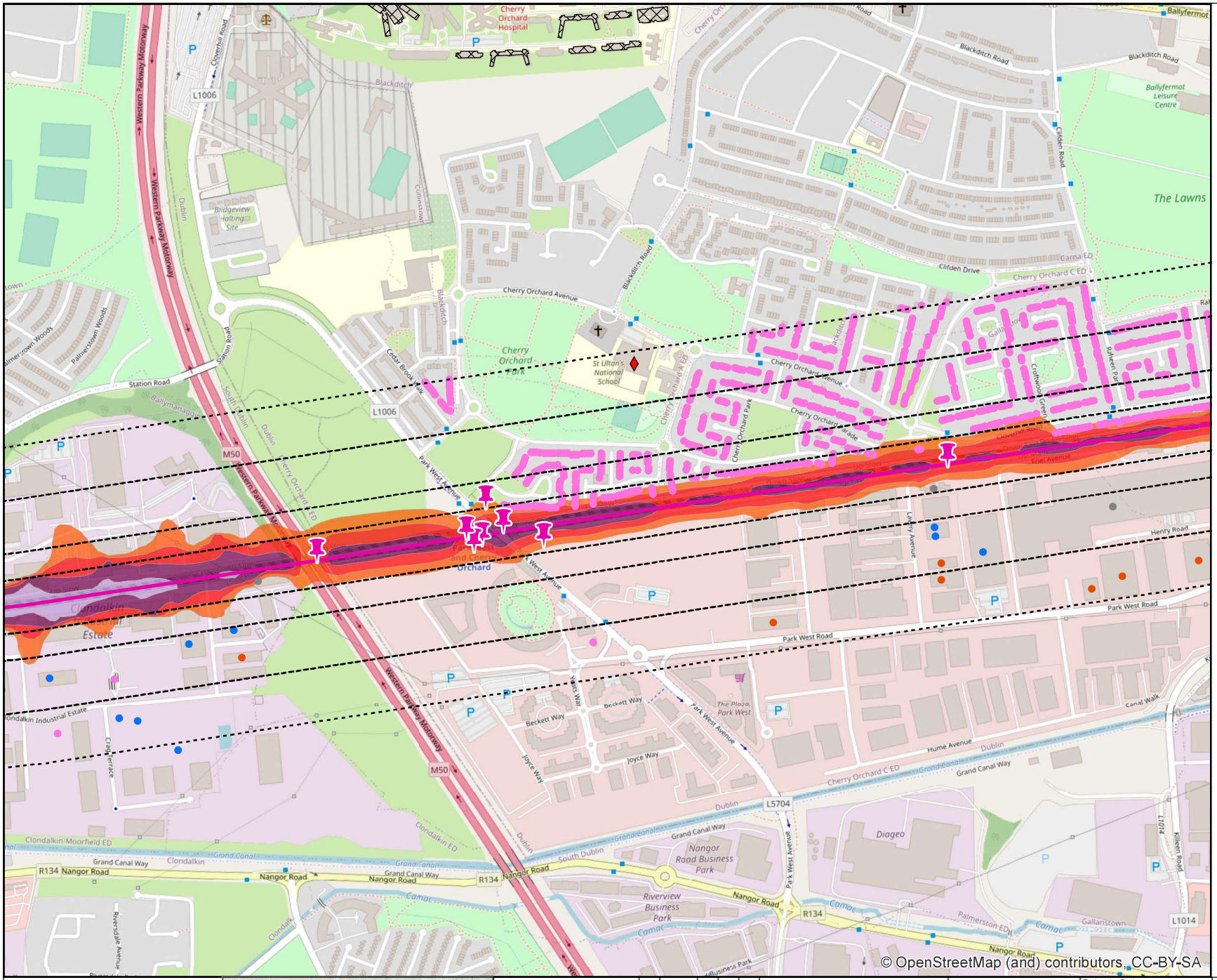
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 04 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNO RAIL — Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

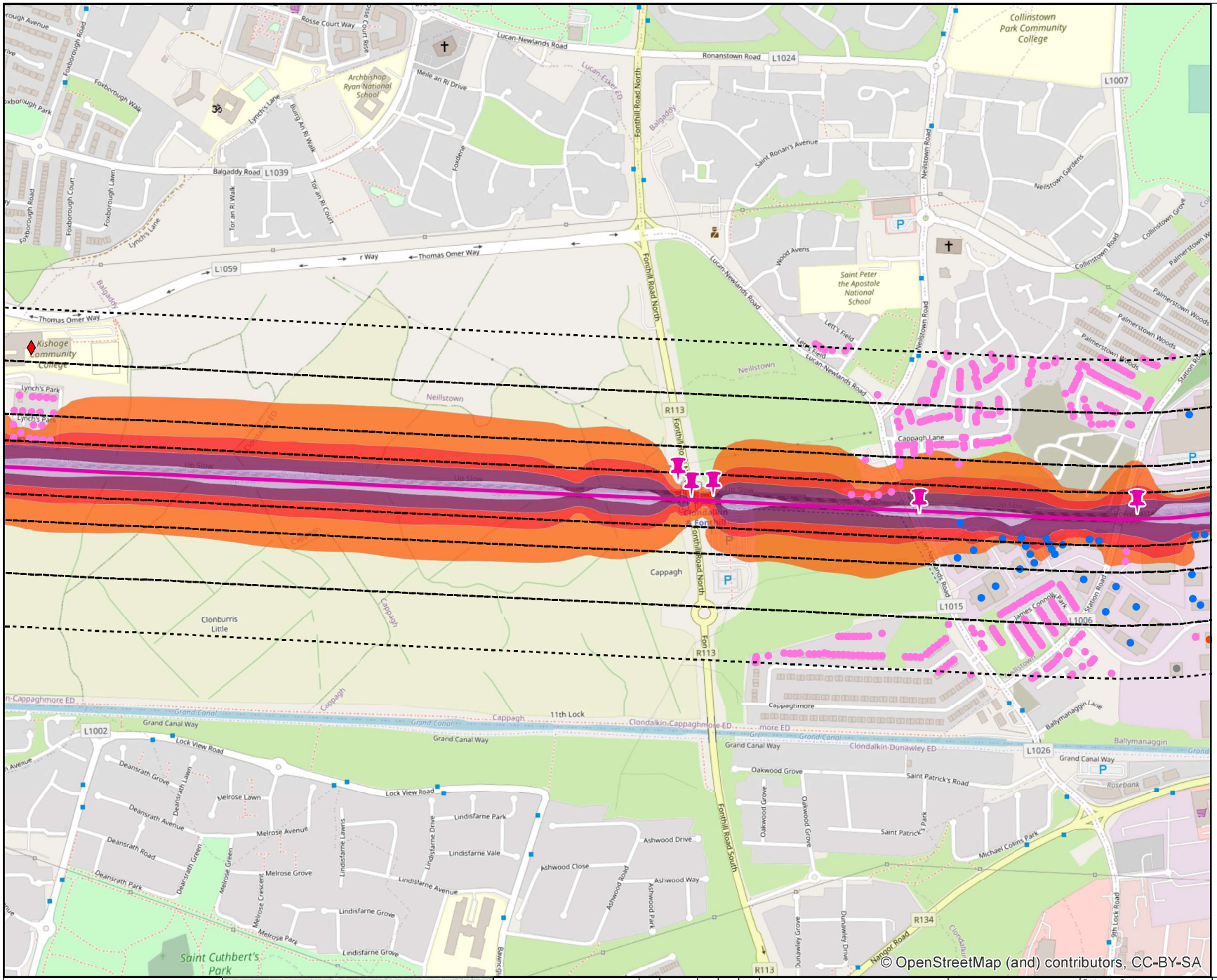
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 05 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

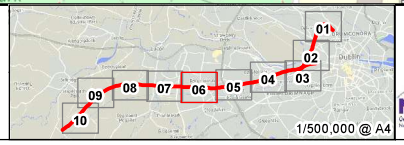
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL, Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

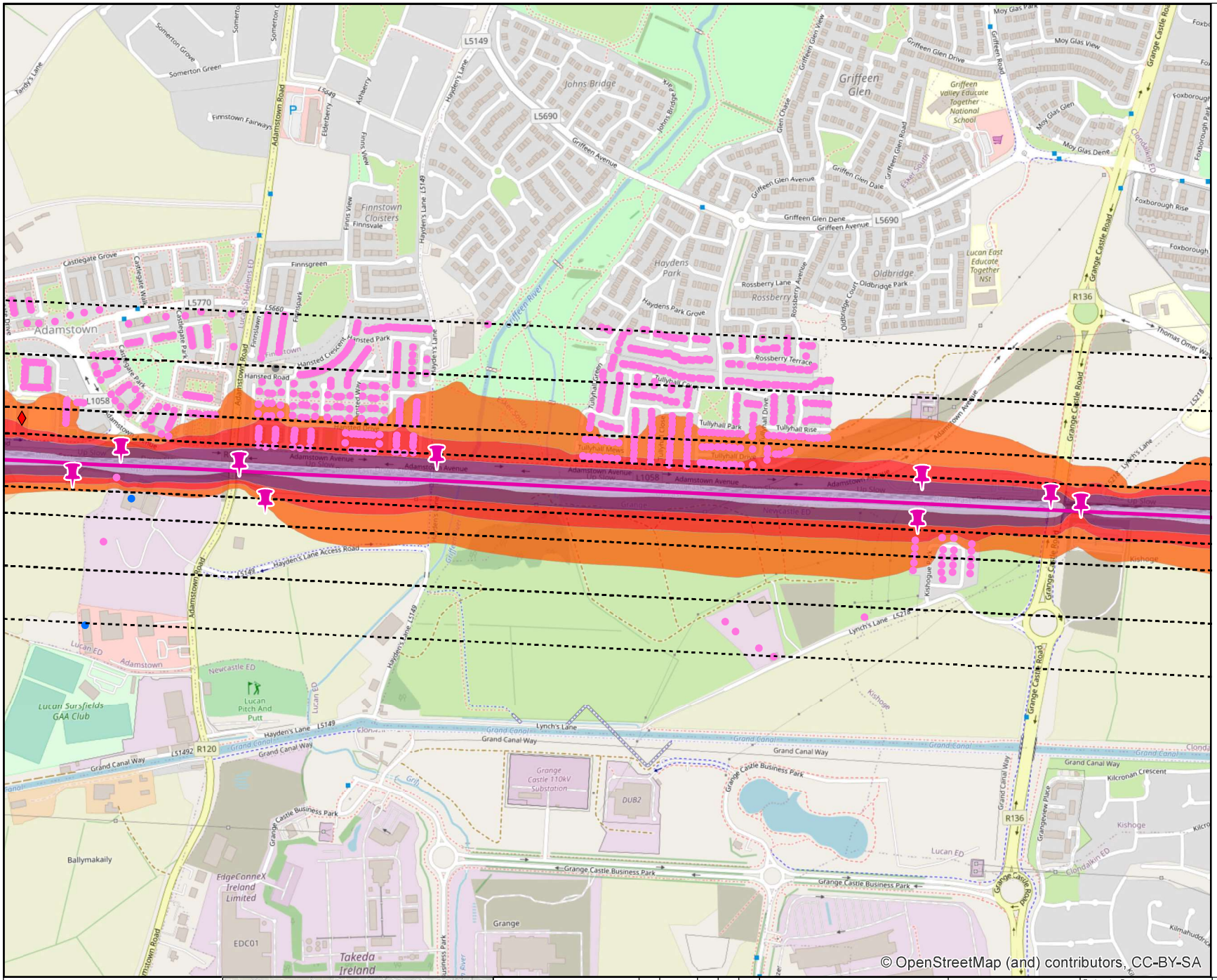
Project Code	Issuer	QMS Code
5199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 06 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

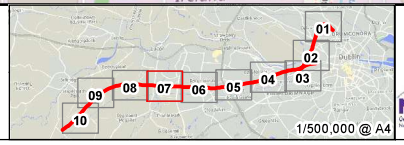
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL, Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

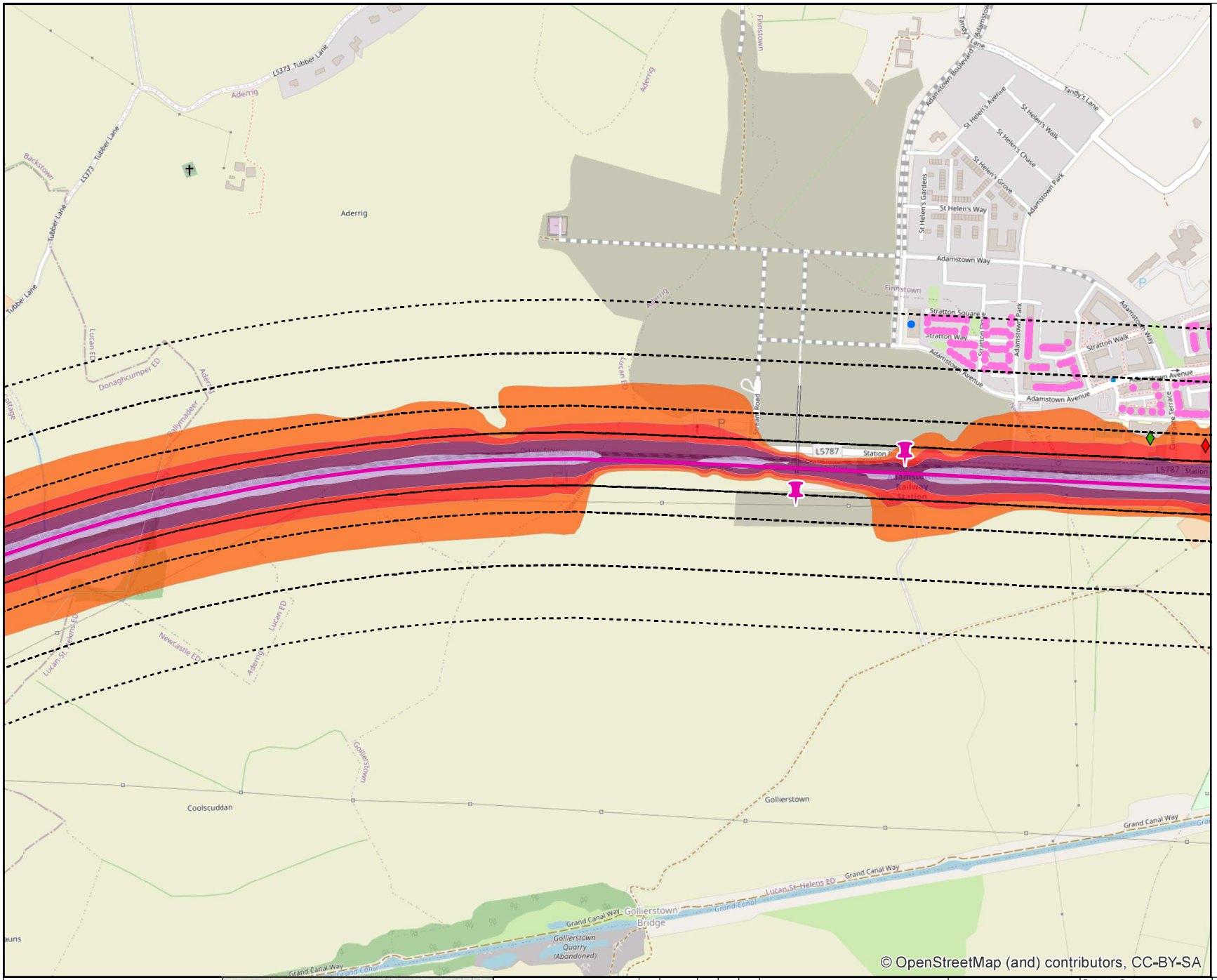
Project Code	Issuer	QMS Code
5199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 07 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

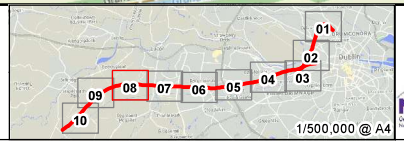
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL

Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 08 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

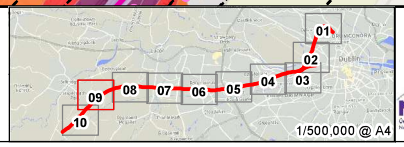
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL

Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

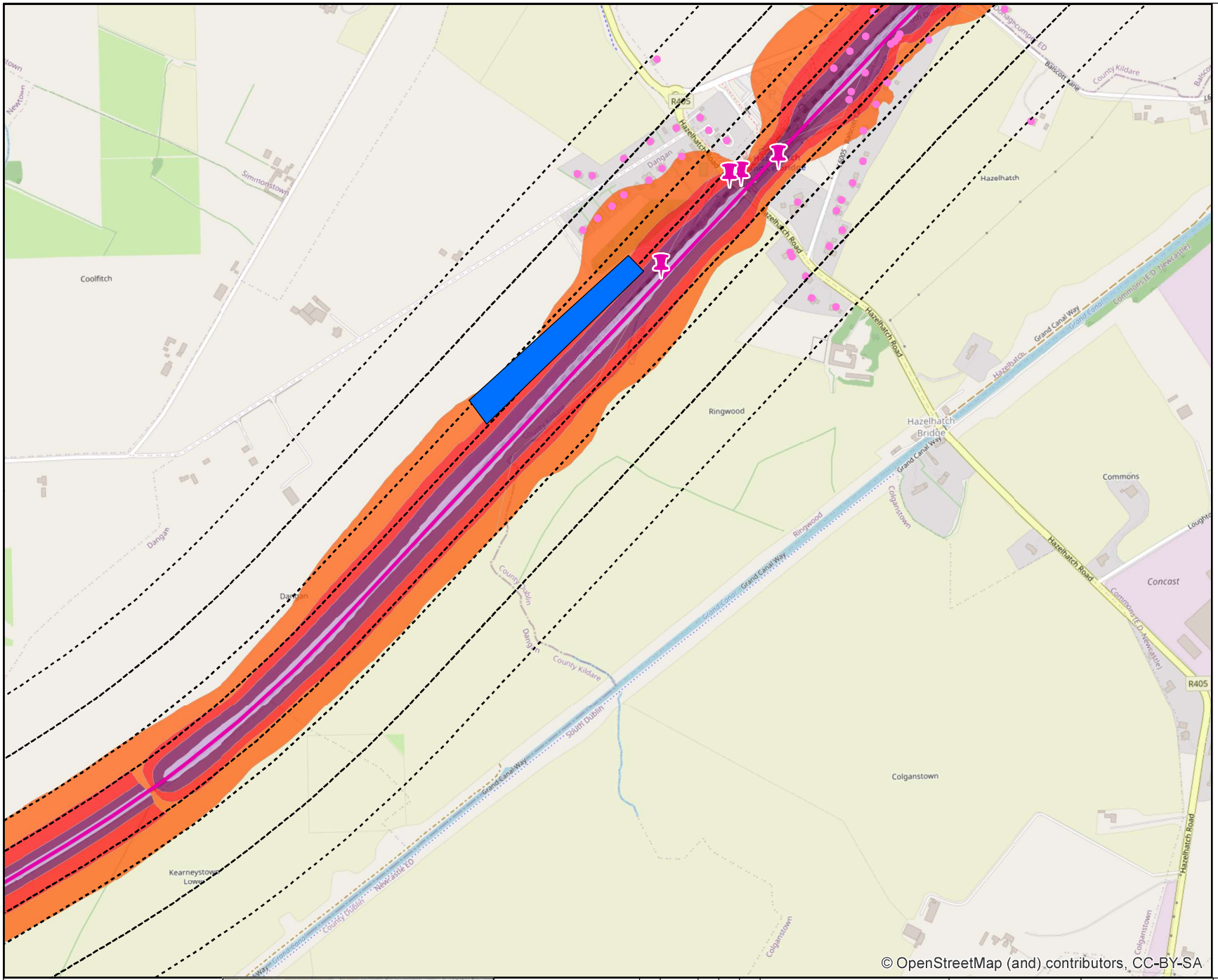
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)** (Map 09 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lden

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

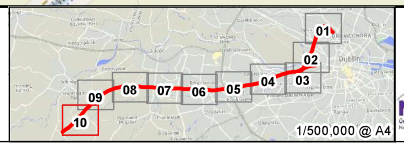
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lden (day, evening, night) period for Dublin and Cork agglomerations and the major roads outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL
Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

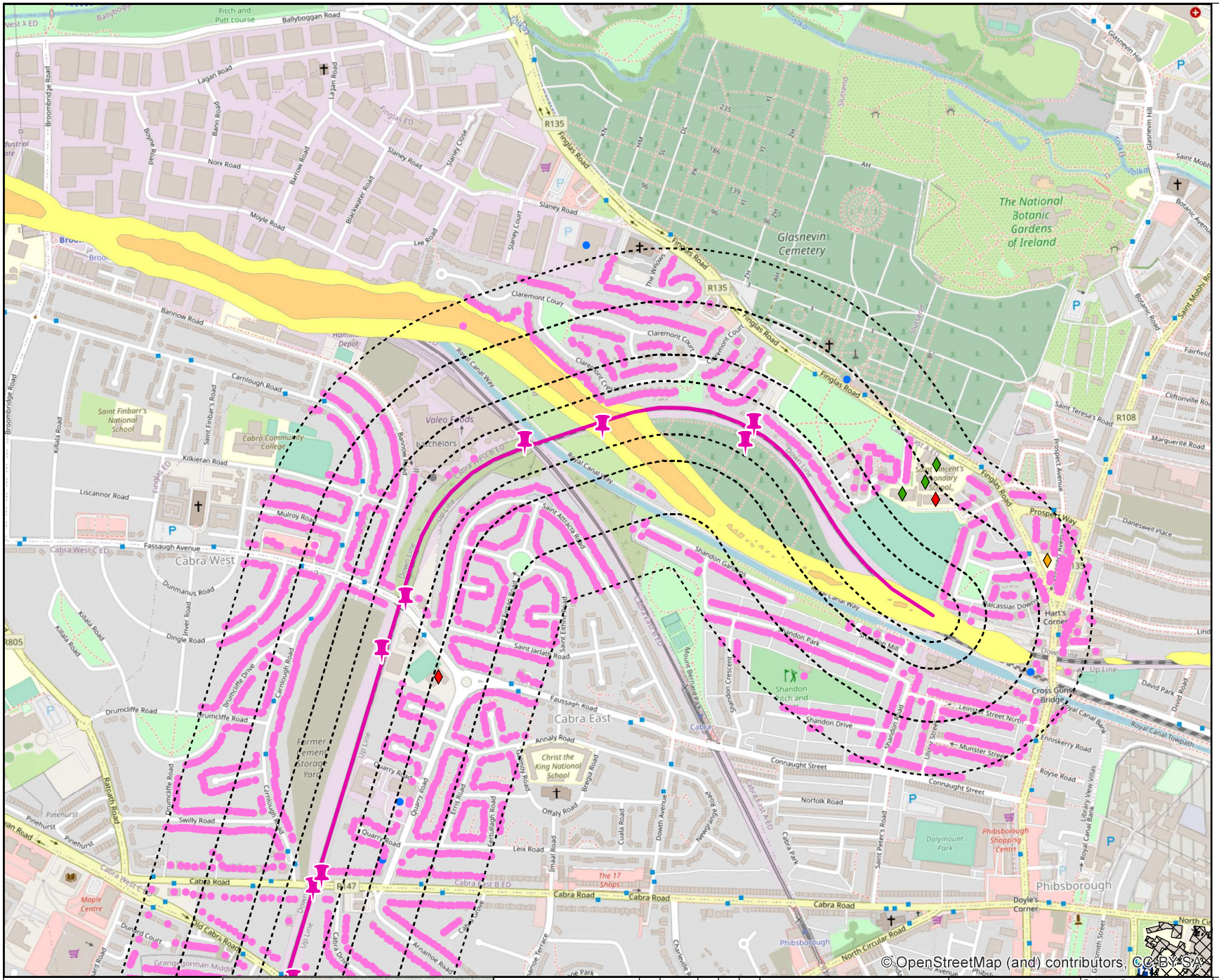
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lden)**
(Map 10 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9858	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Tionscadal Éireann Project Ireland 2040

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNO RAIL, rps

Supported by:

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

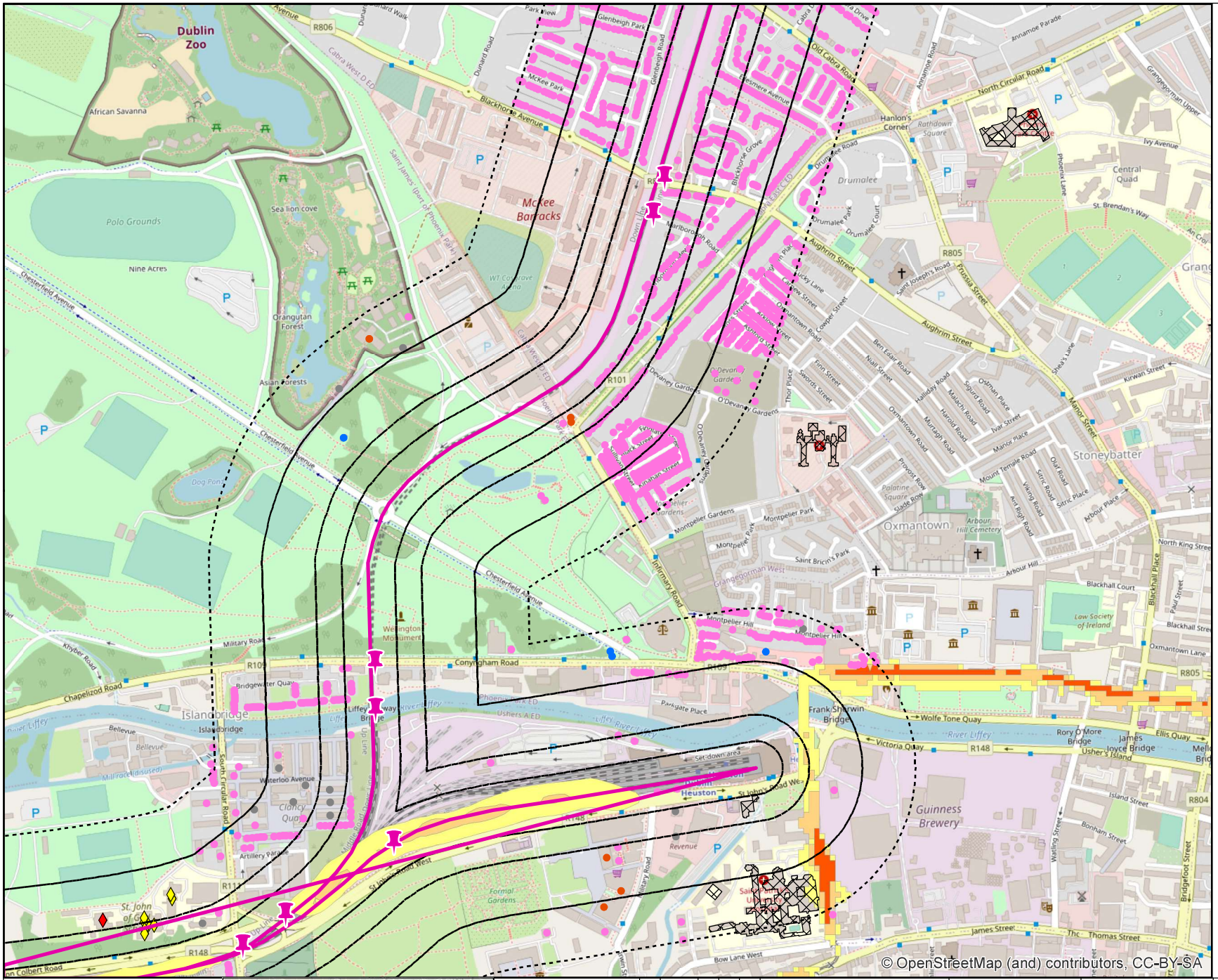
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)**
(Map 01 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



© OpenStreetMap (and) contributors, CC-BY-SA

Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNC RAIL
Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

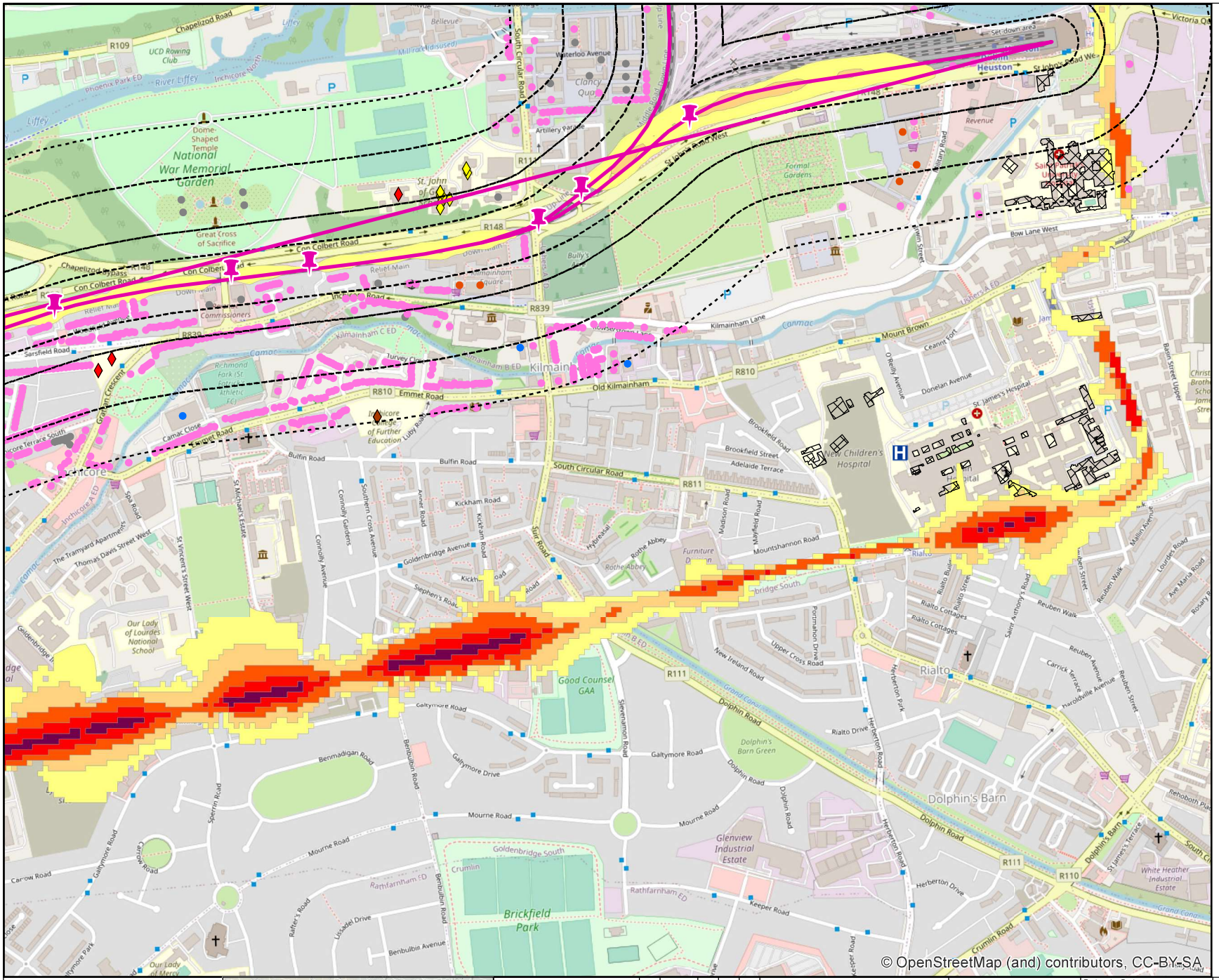
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)**
(Map 02 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Rev	Date	Drn	Ch'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL, Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

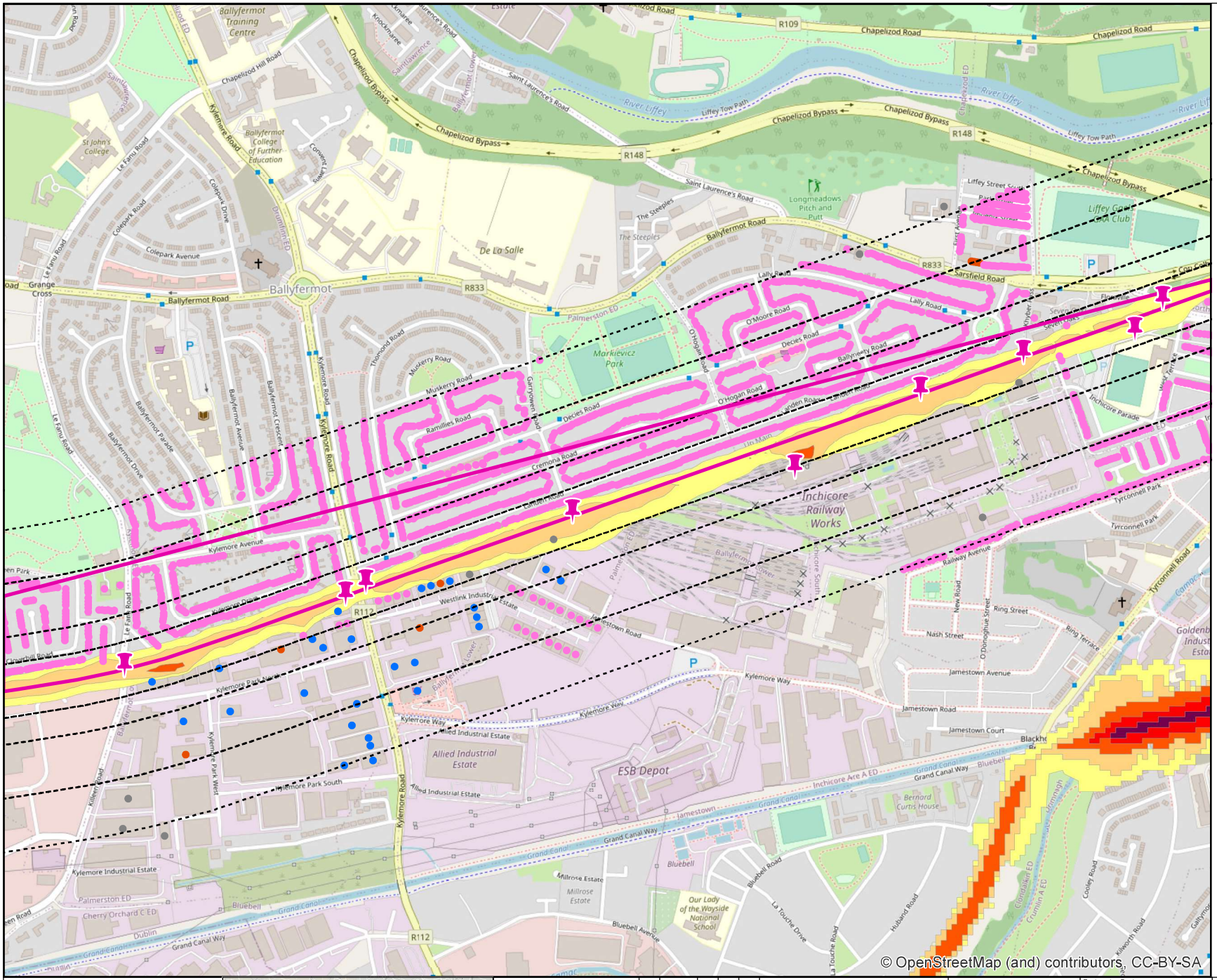
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)** (Map 03 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

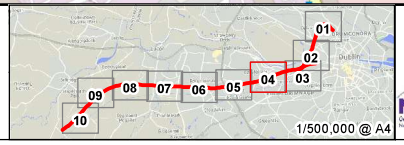
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL
Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

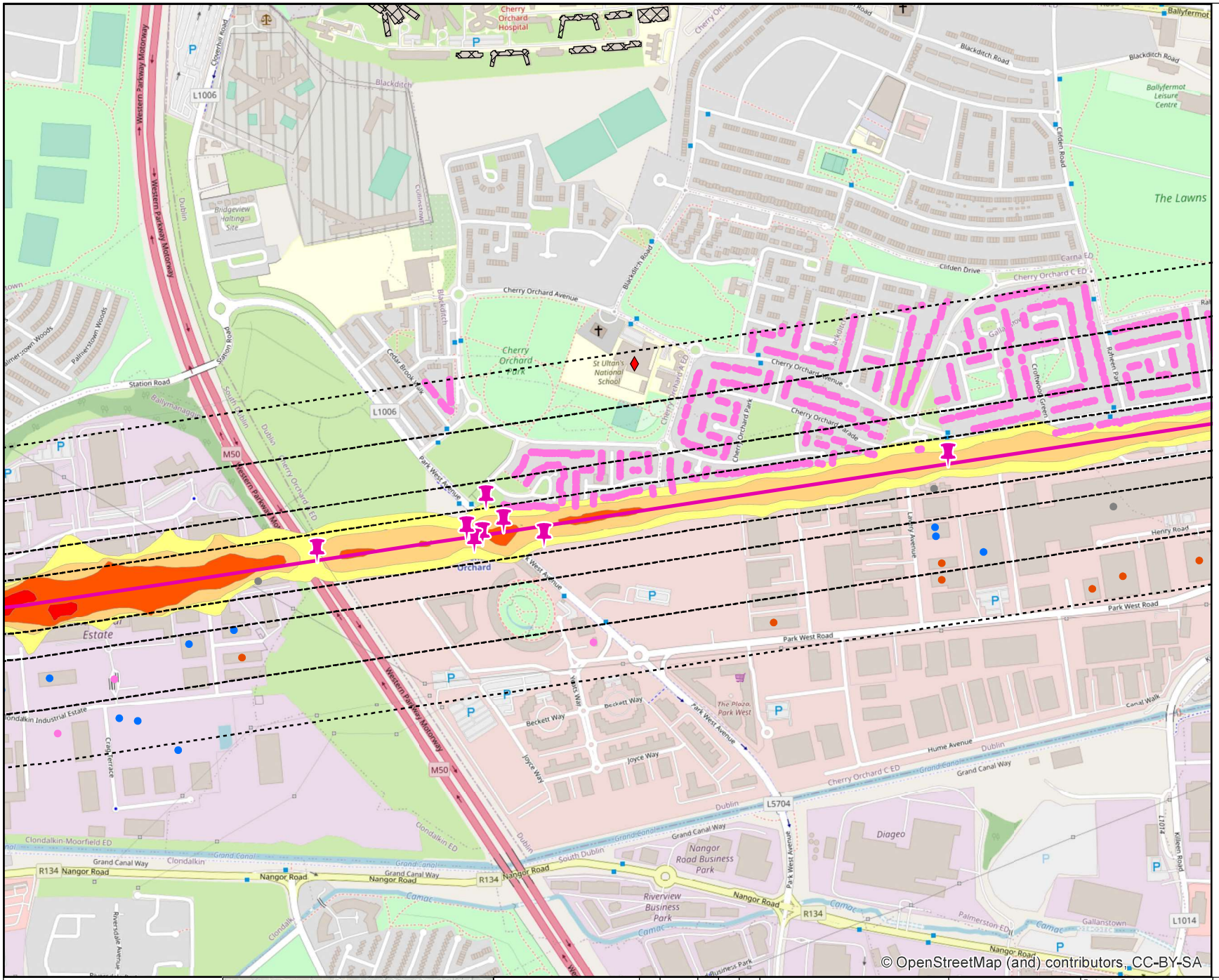
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)**
(Map 04 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

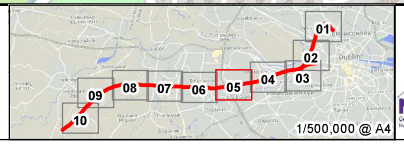
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNO RAIL
Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

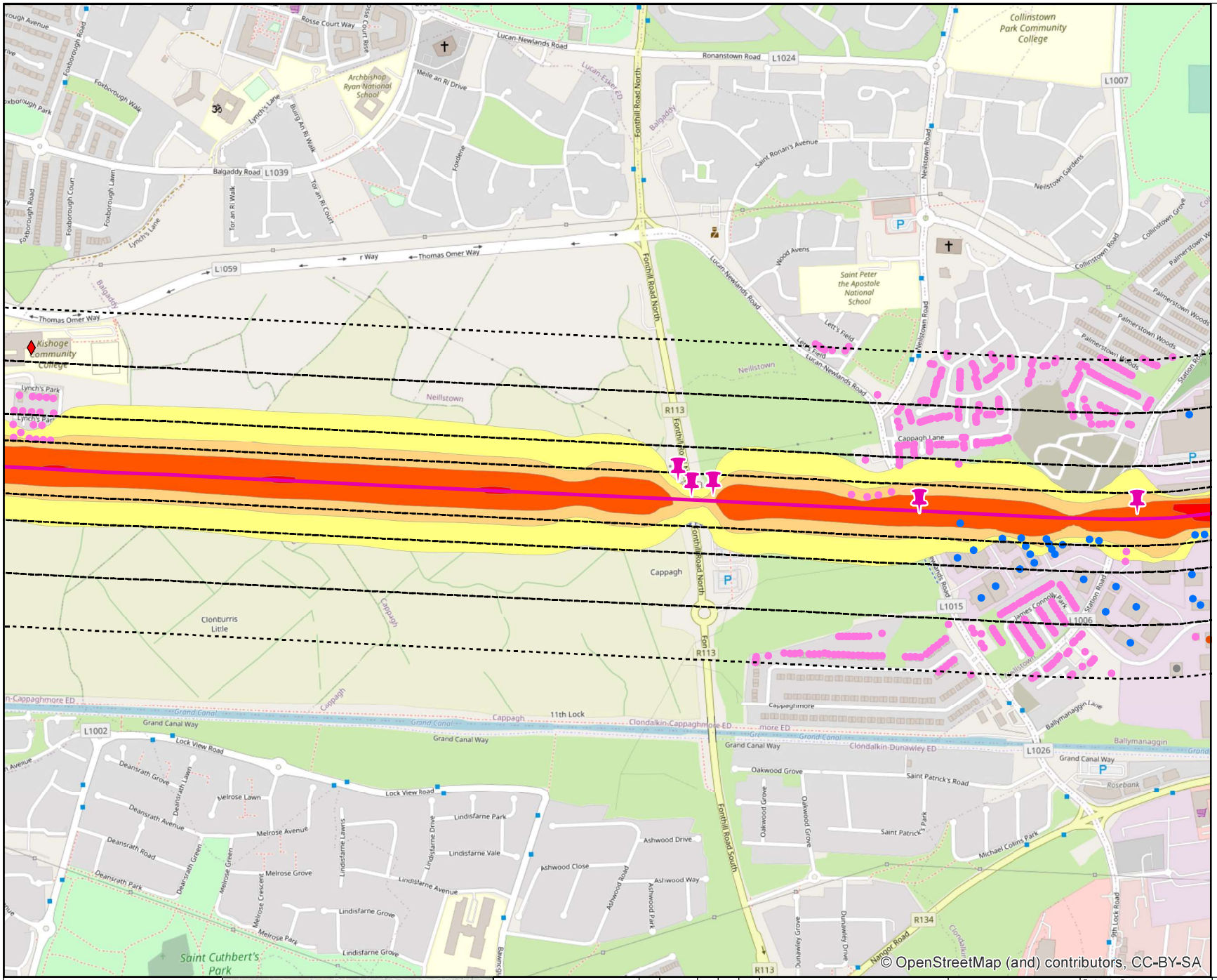
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)**
(Map 05 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL

Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

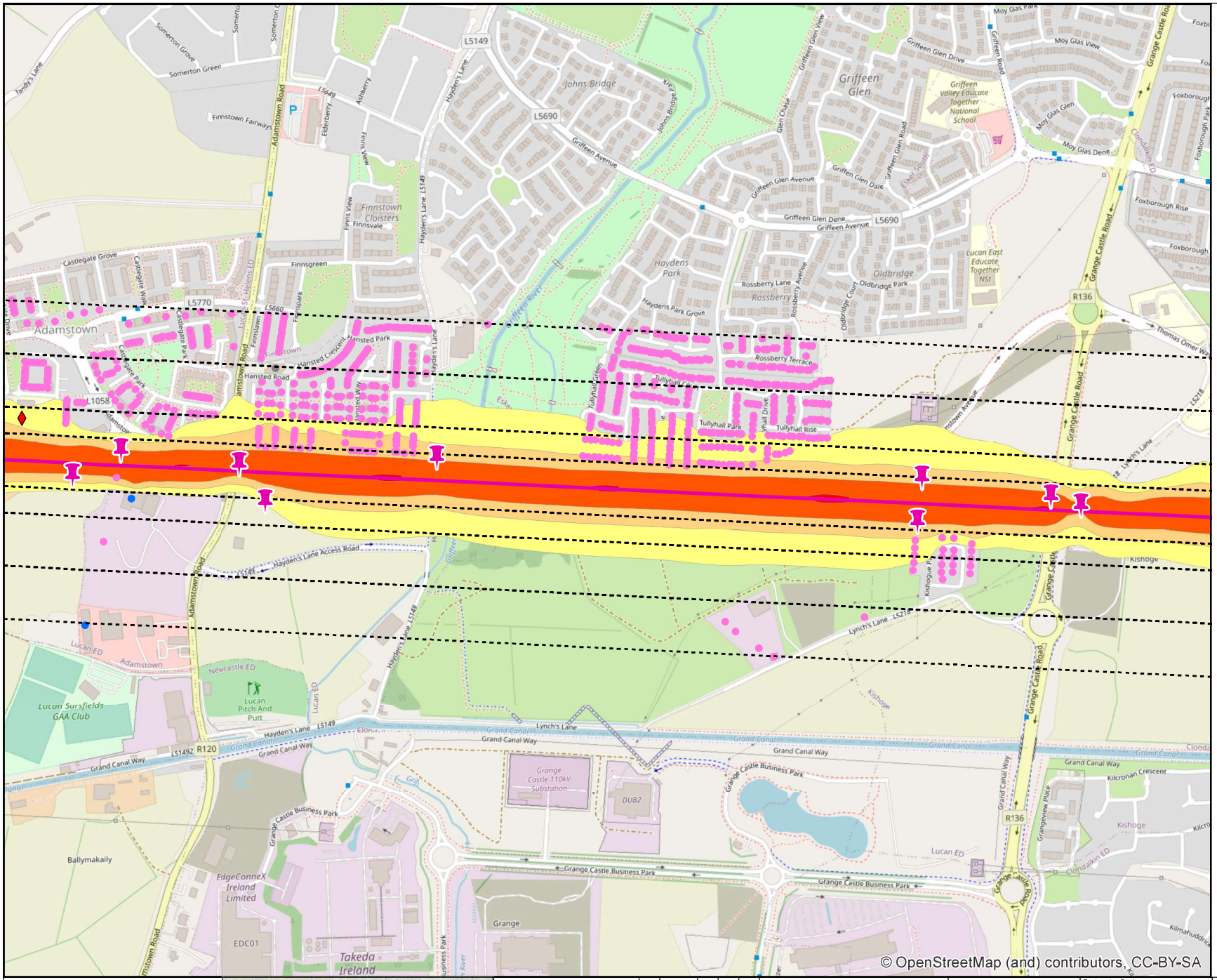
Project Code	Issuer	QMS Code
5199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)** (Map 06 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

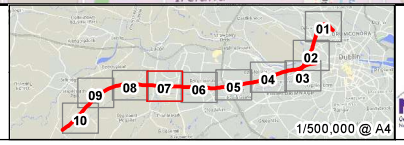
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL — Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

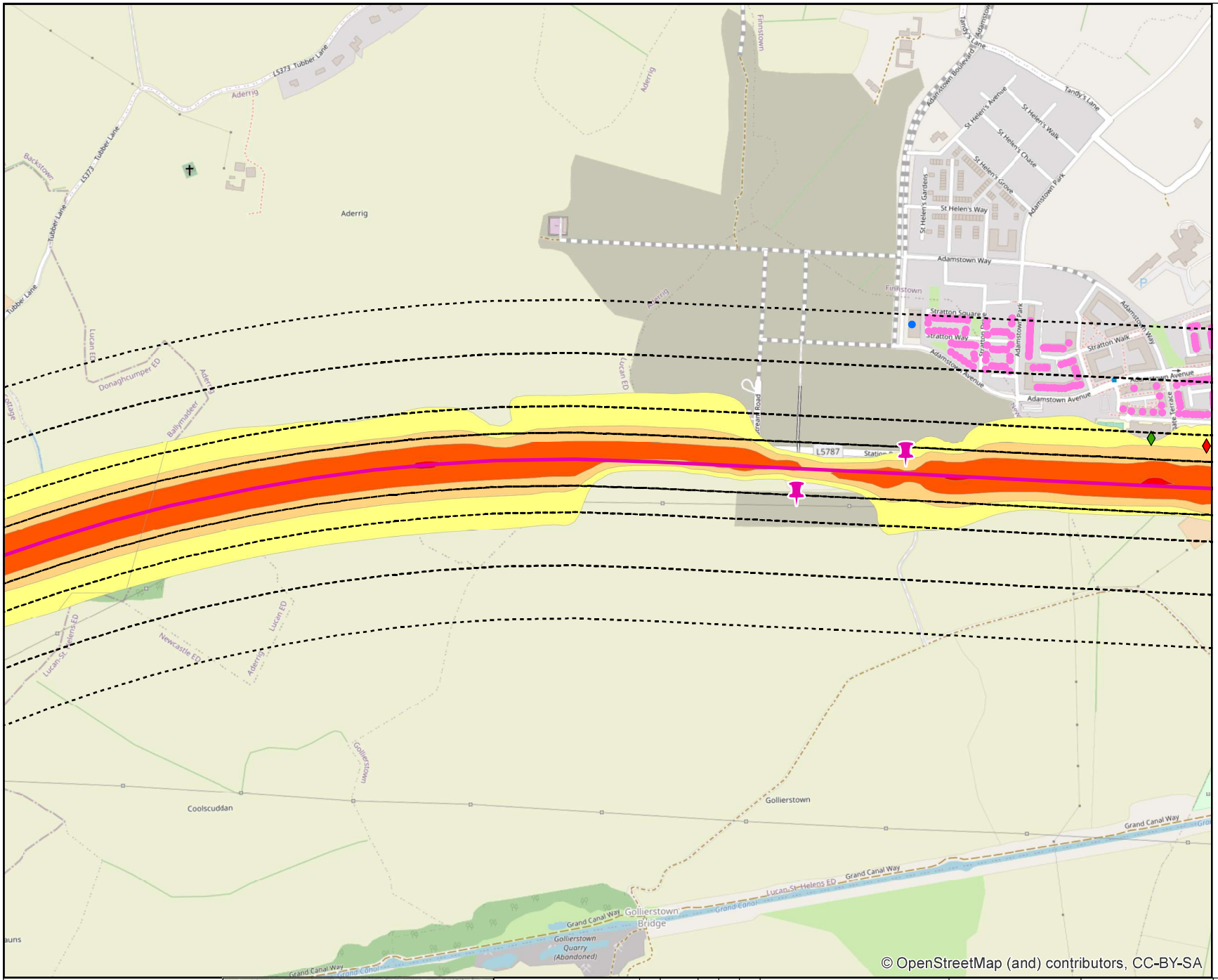
Project Code	Issuer	QMS Code
5199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)** (Map 07 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

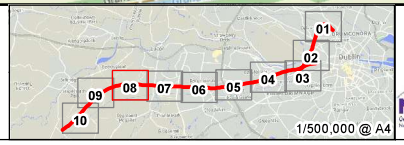
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNC RAIL

Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)** (Map 08 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

© OpenStreetMap (and) contributors, CC-BY-SA

Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union

01 02 03 04 05 06 07 08 09 10

1/500,000 @ A4

DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TNC RAIL

Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

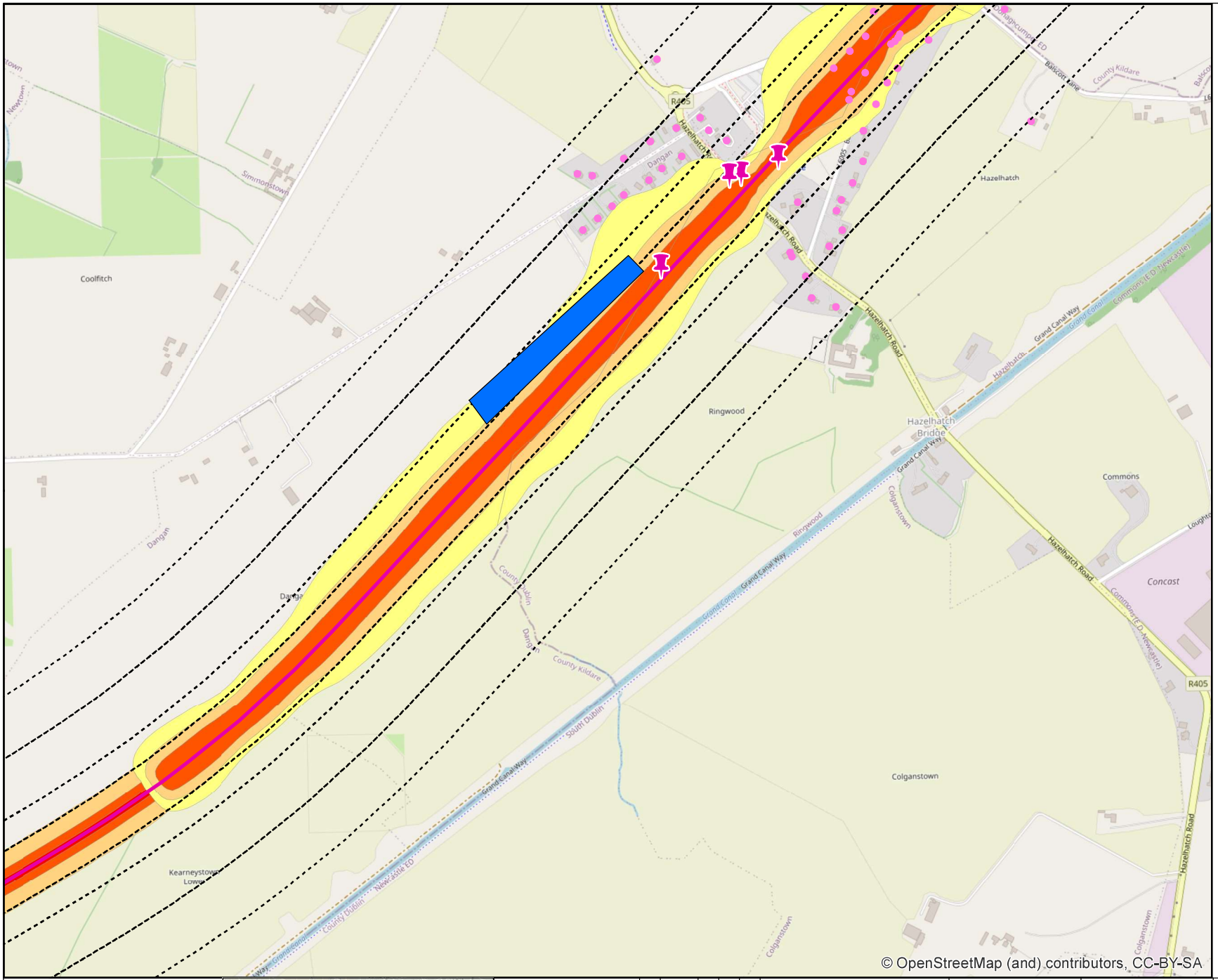
Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)** (Map 09 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Legend

- Engineering Elements
- Rail Network Centreline
- Proposed Sidings (Hazelhatch)
- Bufffers: 50m, 100m, 200m, 300m
- Hospital Grounds (Prime2)
- Hospital

Building Use within 300m (Prime2)

- Residence
- Commercial/Retail
- Multiple Use
- Unknown
- Primary School
- Secondary School
- Third Level
- Montessori School
- Special Needs School

Noise Round 3 Rail - Lnight

- 45-49dB
- 50-54dB
- 55-59dB
- 60-64dB
- 65-69dB
- Greater than 70dB

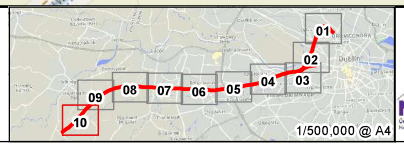
Data Source:
Environmental Protection Agency

Data Description:
This is a polygon dataset of the strategic noise mapping of rail, which were identified as those rail exceeding the flow threshold of 30,000 vehicle passages per year, in the form of noise contours for the Lnight (night) period for Dublin and Cork agglomerations and the major rail outside of the agglomerations.

N W E S

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.

The contents of this publication are the sole responsibility of Iarnród Éireann and do not necessarily reflect the opinion of the European Union



DART+ South West

NTA

Rev	Date	Drn	Chk'd	App'd	Description
v01	28/10/2020	SK	SK	LK	Description

Client: Iarnród Éireann Irish Rail

Engineering Designer: TYPSA, ATKINS, TUC RAIL
Supported by: rps

Date	Scale	Drawn	Checked	Approved
02/03/2021	1:10,000 @ A4	SK	LK	AG

Project Code	Issuer	QMS Code
6199586	TTA/RPS	

Project Title: DART + SOUTH WEST

Drawing Title: **Noise Mapping (Lnight)** (Map 10 of 10)

Drawing File Name	Version	Status
DP-04-23-DWG-EV-TTA-9859	v01	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY