

- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI_NMA_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLG).



Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client: **larnród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 20/09/2021 Scale: 1:5000 @ A1, 1:10000 @ A3

Project Code: D+WP56 Originator Code: ARP

Drawn: DM Checked: SH Approved: COD

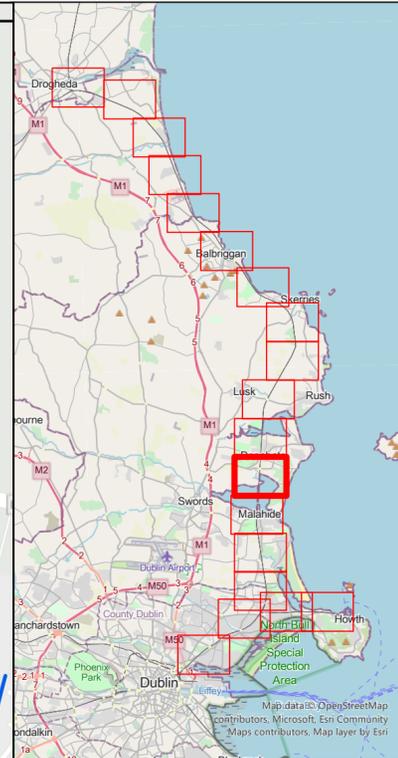
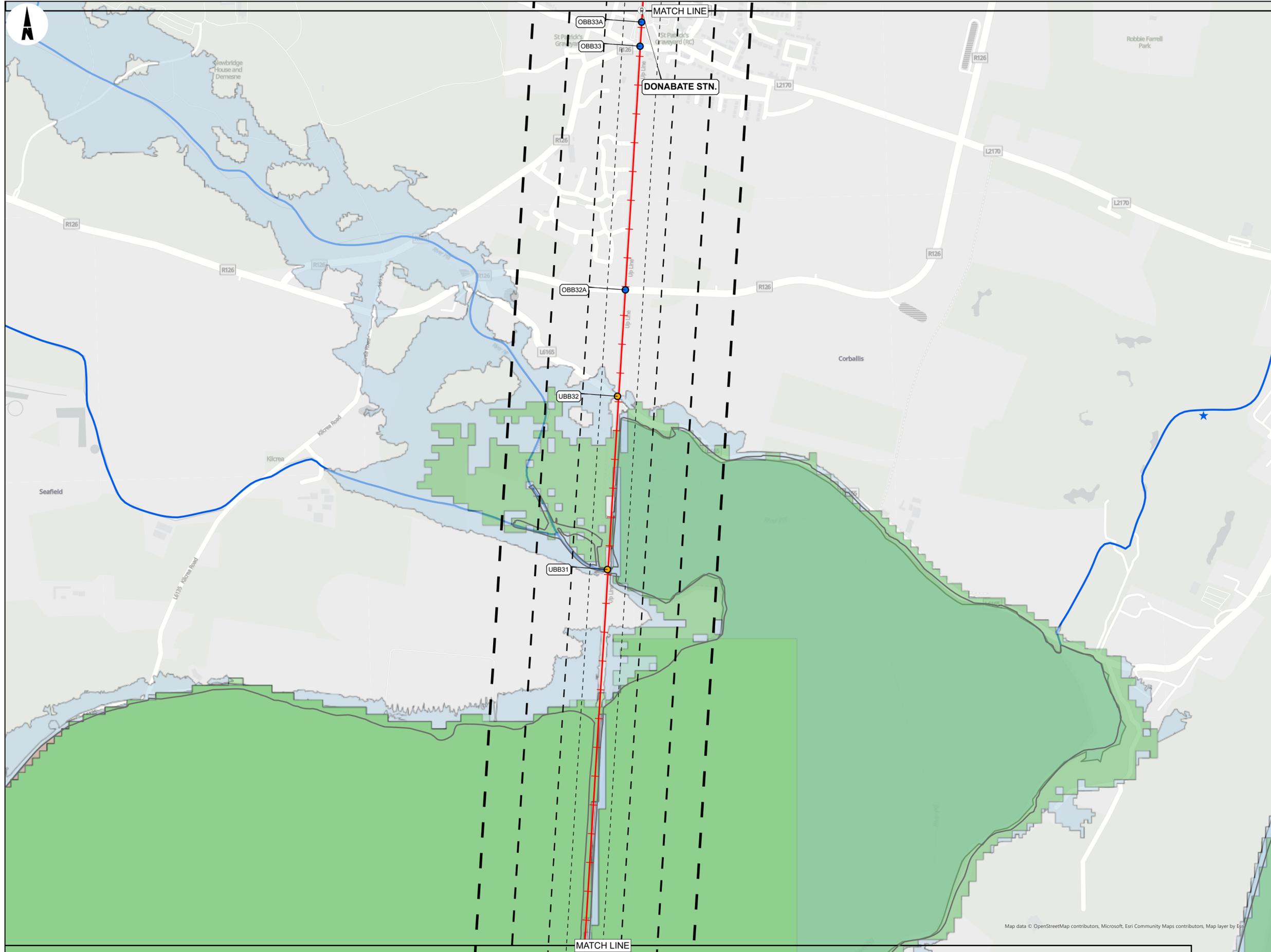
GMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000711

Sheet Number: 11 of 19 Status: 902 Rev: P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps contributors, Map layer by Esri

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021/OSi_NMA_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLTG).



Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client: **Irish Rail**

Engineering Designer: **ARUP**

Date: 20/09/2021 Scale: 1:5000 @ A1 / 1:10000 @ A3

Project Code: D+WP56 Originator Code: ARP

QMS Code: 279933-00

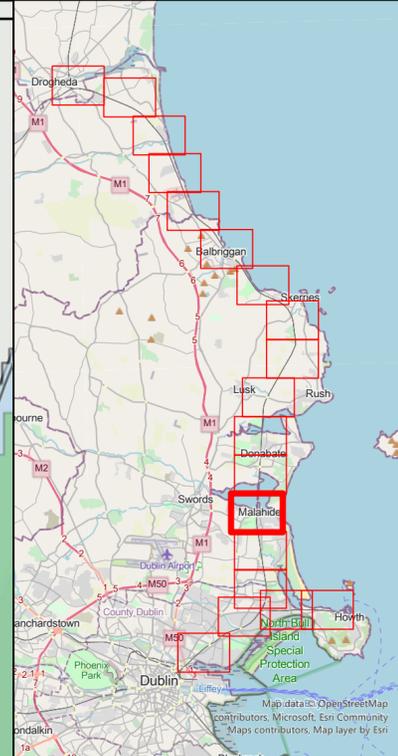
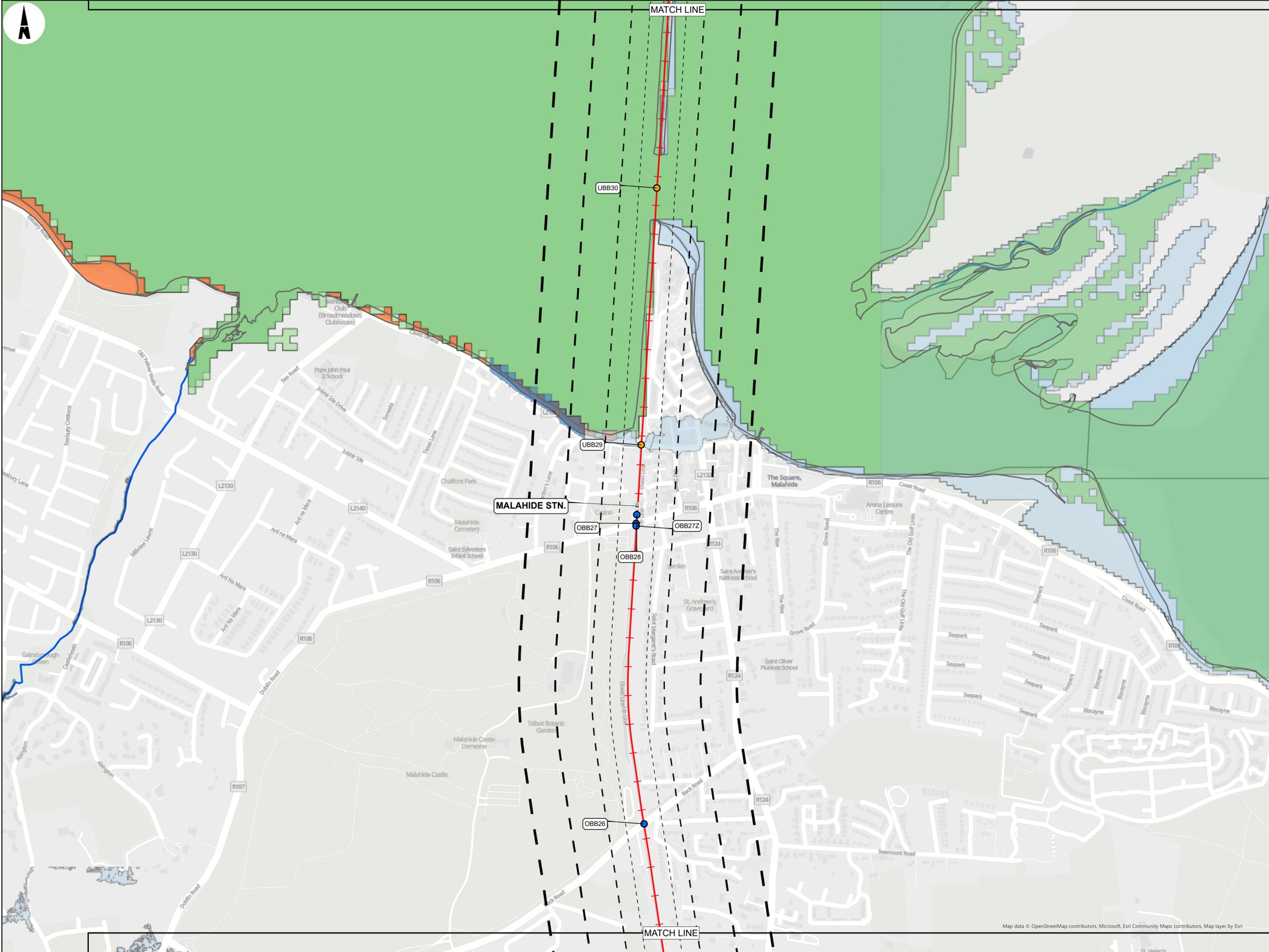
Drawn: DM Checked: SH Approved: COD

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000712

Sheet Number: 12 of 19 Status: 902 Rev: P03



LEGEND

- RAILWAY STATIONS
- BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
- RAILWAY LINE
- BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
- ADMINISTRATIVE BOUNDARY
- COUNTY BOUNDARY
- WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
- WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
- RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps contributors, Map layer by Esri

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021/OSi_NMA_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

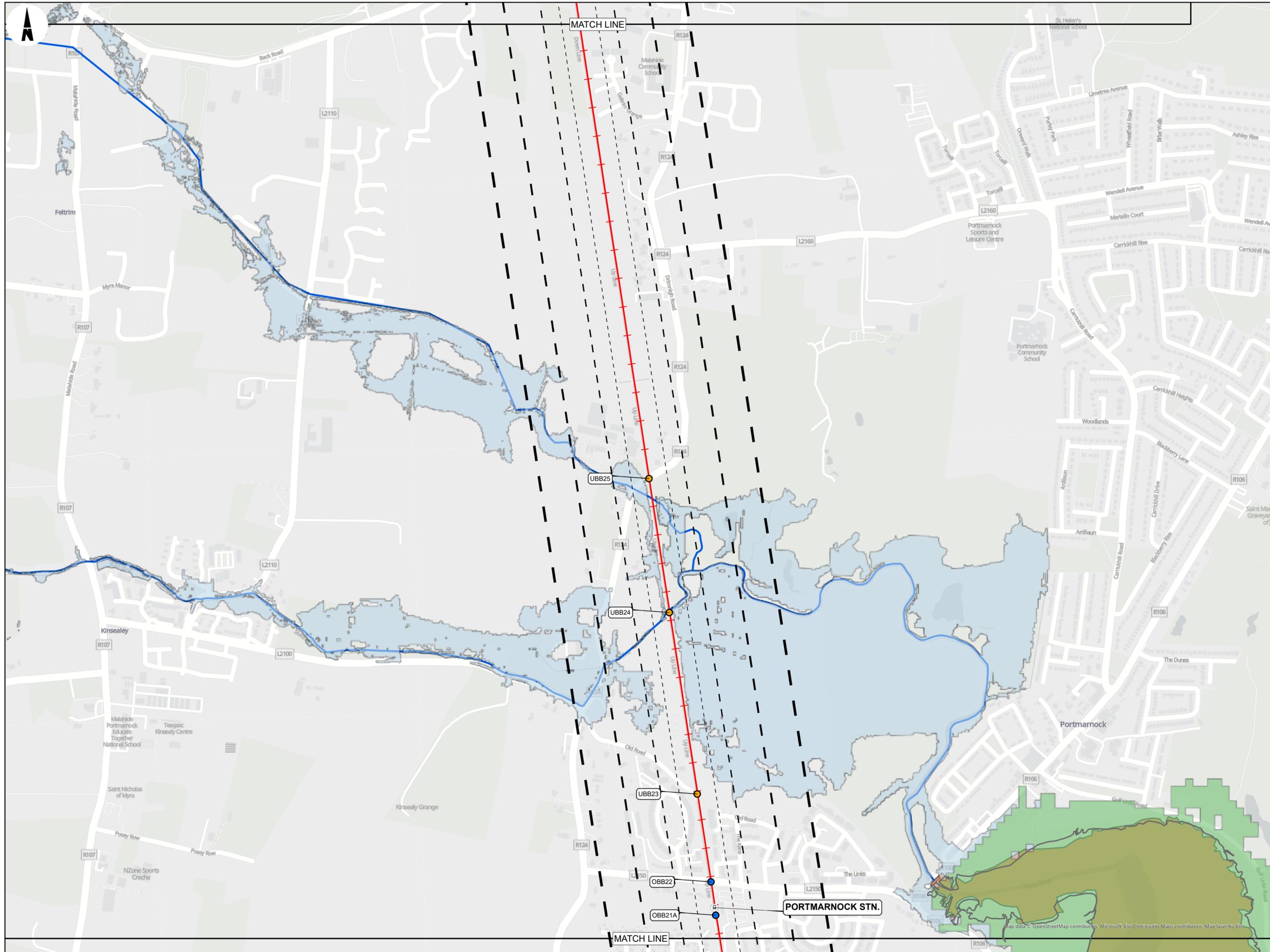


Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	



Date	20/09/2021	Scale	1:5000 @ A1 1:10000 @ A3	Drawn	DM	Checked	SH	Approved	COD
Project Code	D+WPS6	Originator Code	ARP	OMS Code	279933-00			Drawing File Name	D+WPS6-ARP-ZZ-NL-DR-EV-000713

Client	DART+ COASTAL NORTH		
Project Title	CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP		
Drawing Title			
Drawing File Name	D+WPS6-ARP-ZZ-NL-DR-EV-000713	Sheet Number	13 of 19
Status	S02	Rev	P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI_NMA_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLTG).



Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ARUP**

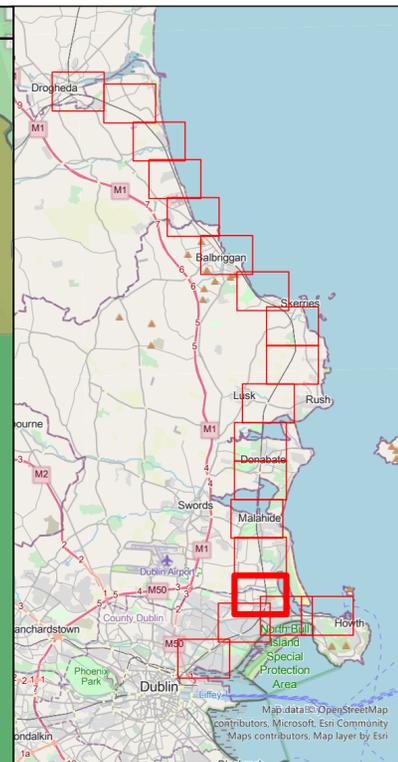
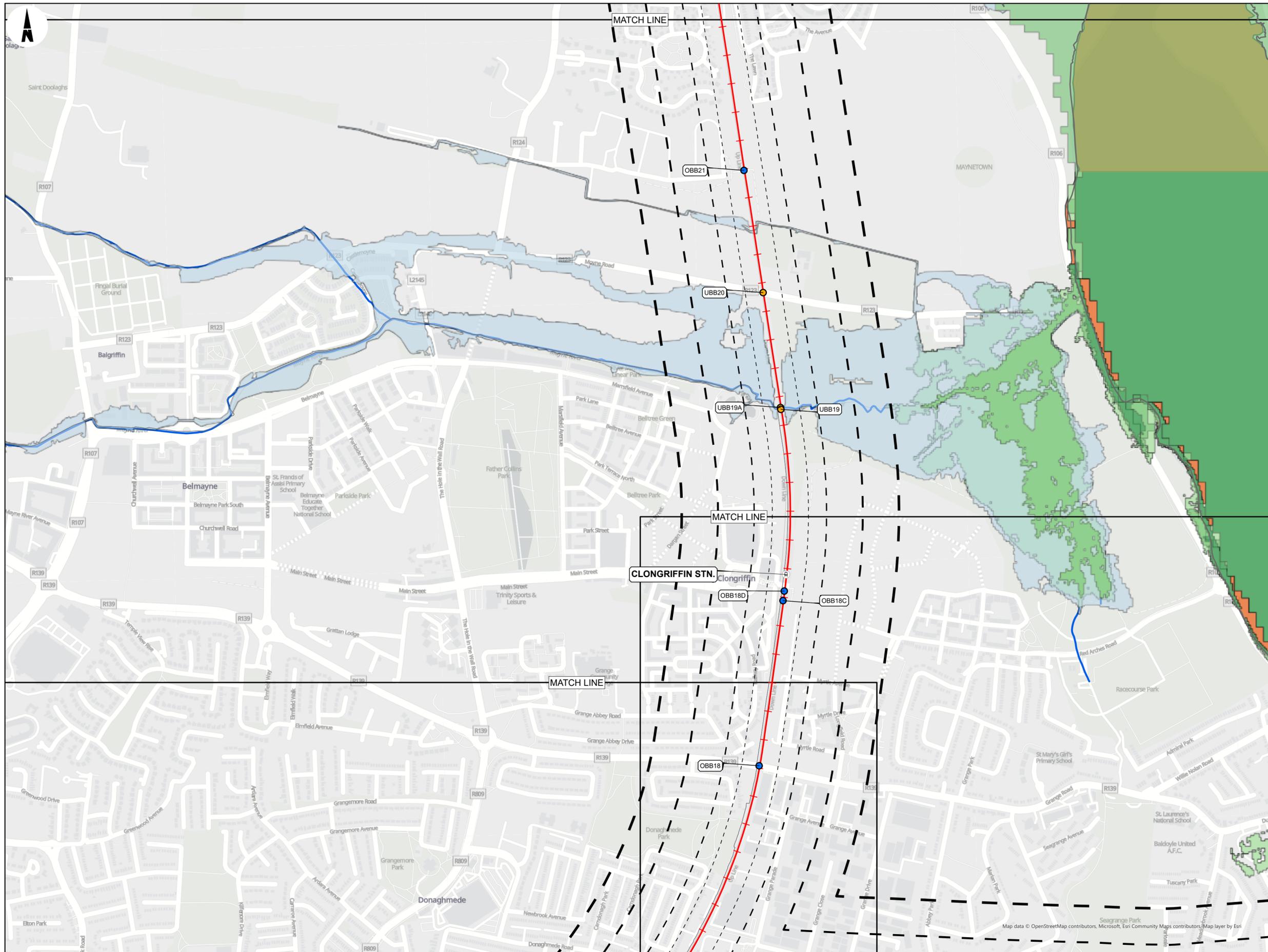
Date: 20/09/2021 Scale: 1:5000 @ A1 1:10000 @ A3

Project Code: D+WP56 Originator Code: ARP

Drawn	Checked	Approved
DM	SH	COD

OMS Code: 279933-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP
Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EV-000714
Sheet Number: 14 of 19
Status: 902
Rev: P03

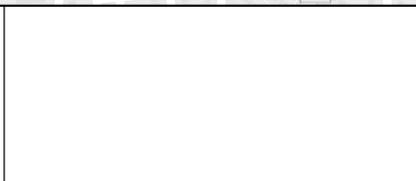


- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI_NMA_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).



Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Rev	Date	Dm	Chkd	App'd	Description

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 20/09/2021 | Scale: 1:5000 @ A1 | 1:10000 @ A3

Project Code: D+WP56 | Originator Code: ARP

Drawn: DM | Checked: SH | Approved: COD

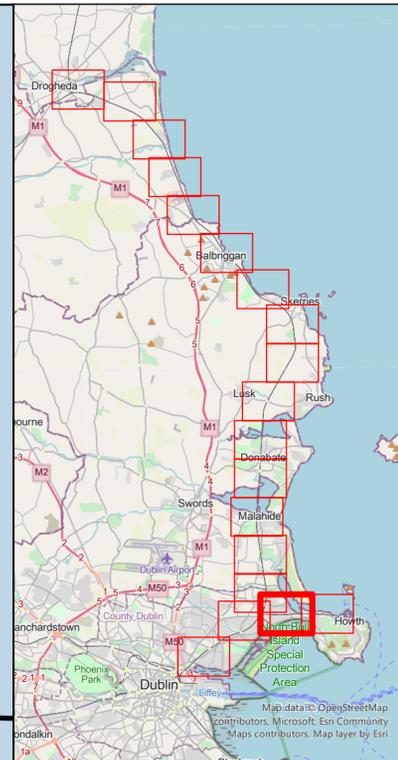
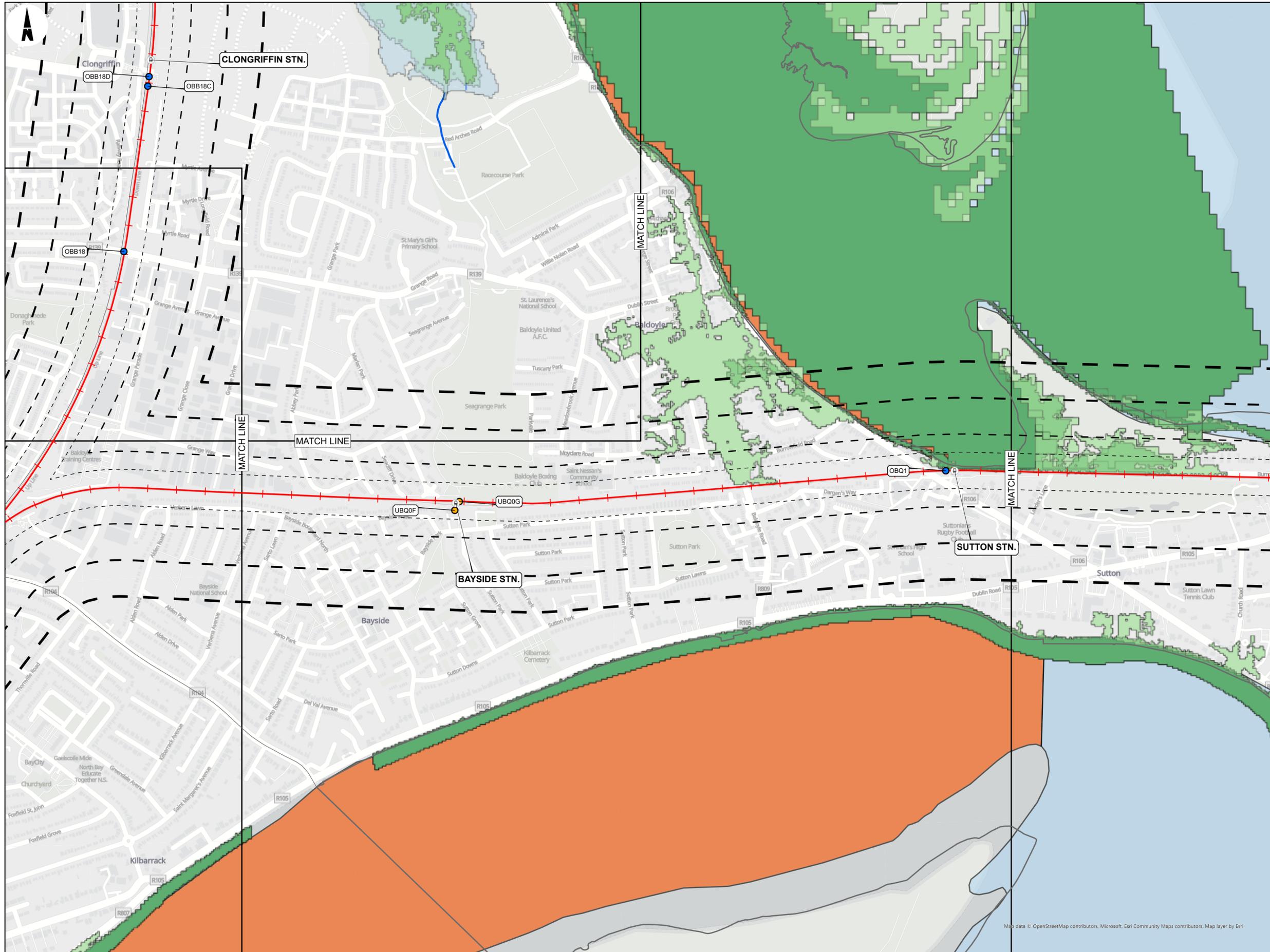
OMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EV-000715

Sheet Number: 15 of 19 | Status: 902 | Rev: P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps contributors, Map layer by Esri

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021/OSi_NMA_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TL1G).



Rev	Date	Dm	Ch'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client: **Irish Rail**

Engineering Designer: **ARUP**

Date: 20/09/2021 Scale: 1:5000 @ A1 / 1:10000 @ A3

Project Code: D+WP56 Originator Code: ARP

Drawn: DM Checked: SH Approved: COD

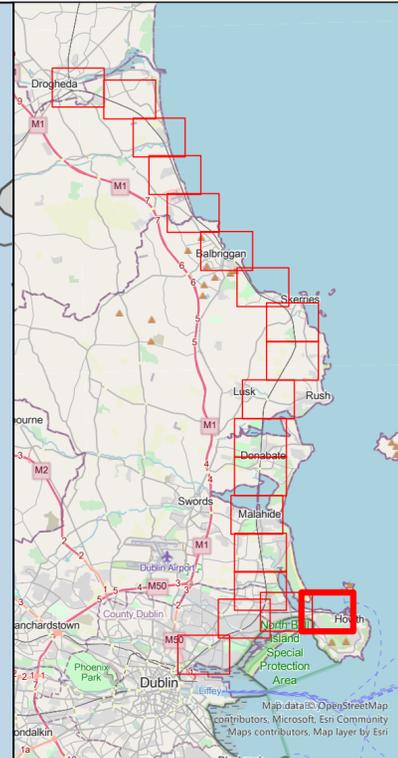
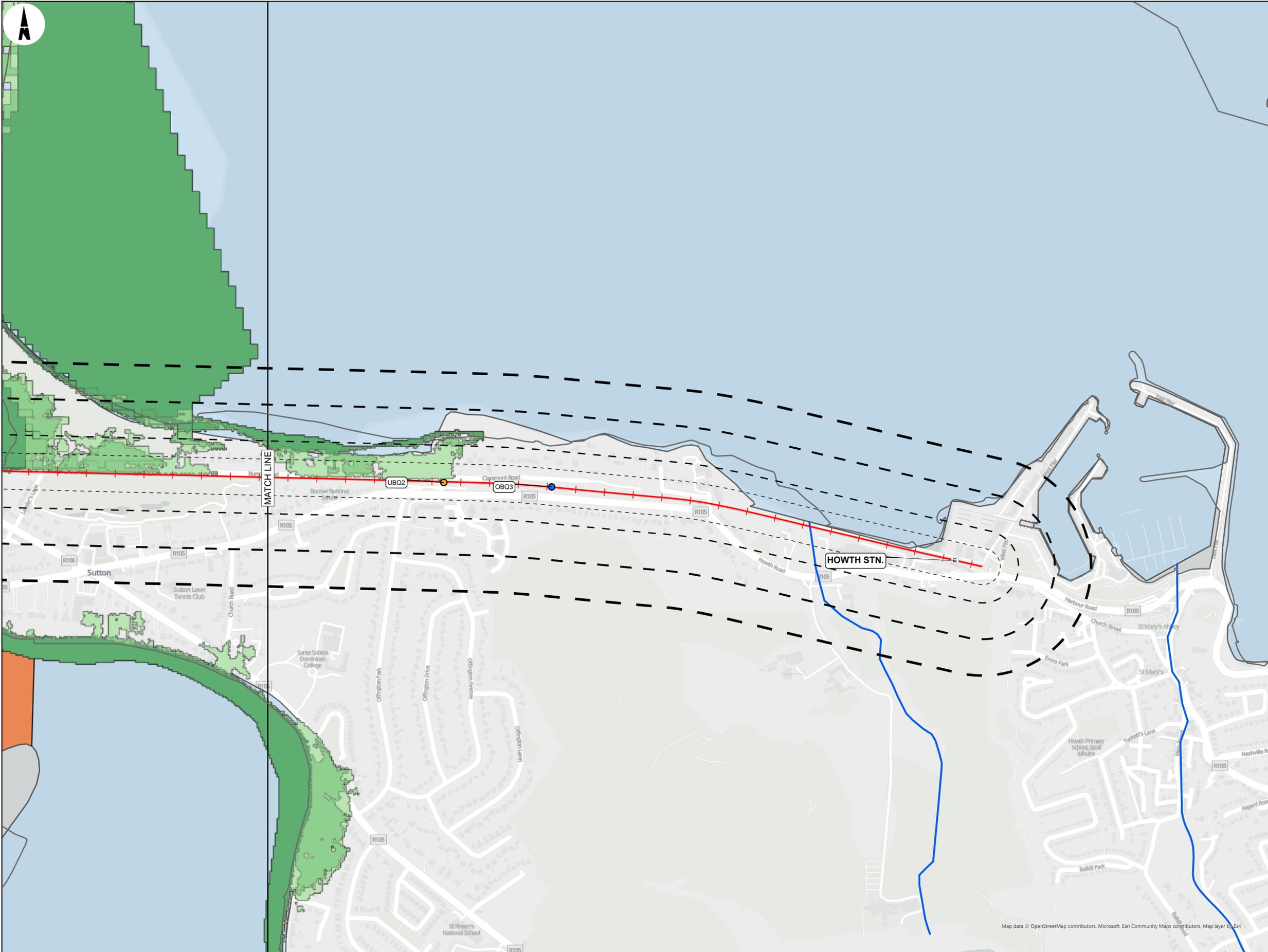
QMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+WP56-ARP-ZZ-NL-DR-EV-000716

Sheet Number: 16 of 19 Status: 902 Rev: P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Map data © OpenStreetMap contributors, Microsoft, Esri Community Maps contributors, Map layer by Esri

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0039720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI_NMA_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).



Rev	Date	Dm	Chk'd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client: **Irish Rail**

Engineering Designer: **ARUP**

Date: 20/09/2021 Scale: 1:5000 @ A1 / 1:10000 @ A3

Project Code: D+WP56 Originator Code: ARP

Drawn: DM Checked: SH Approved: COD

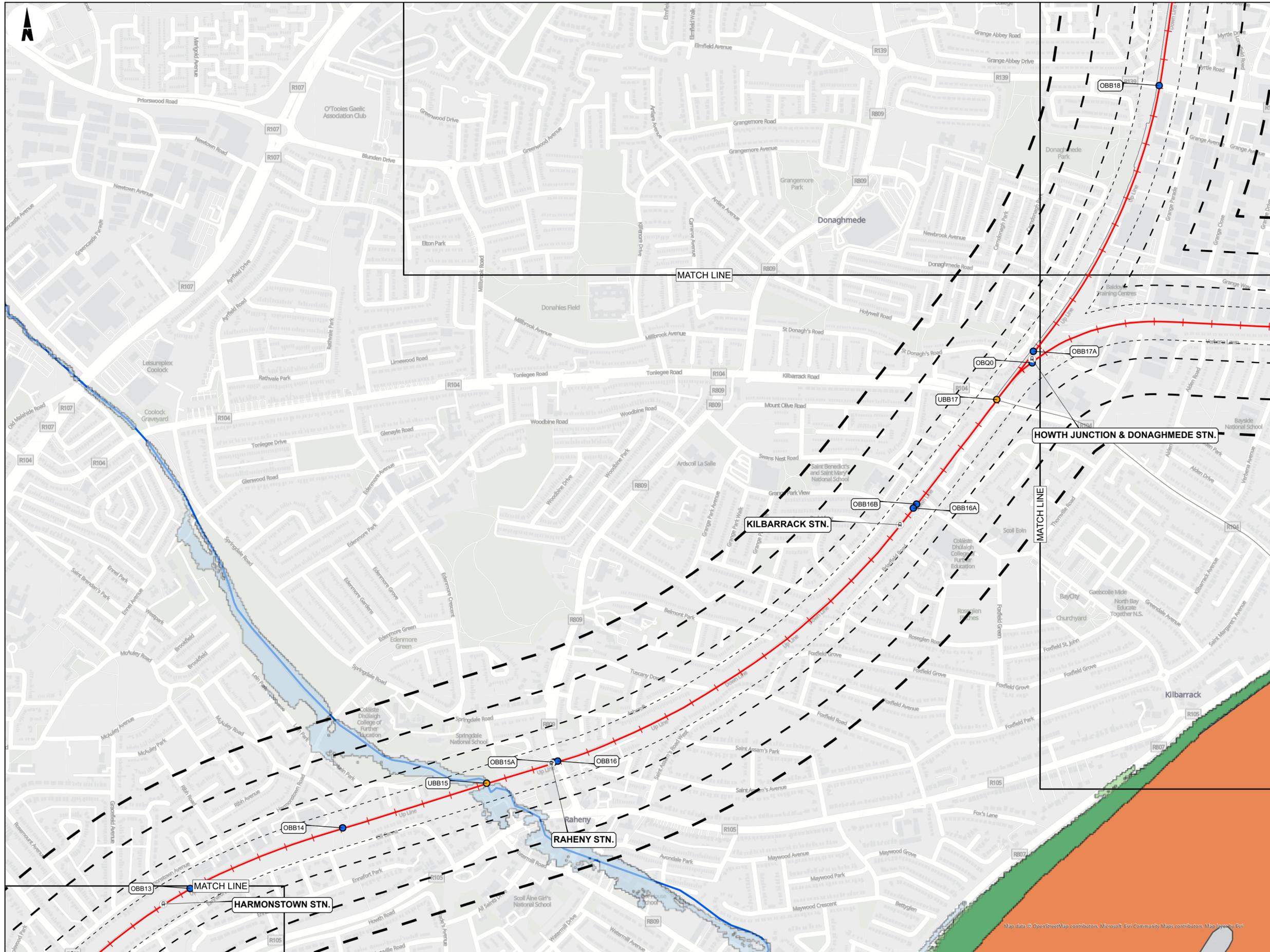
GMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000717

Sheet Number: 17 of 19	Status: 902	Rev: P03
------------------------	-------------	----------



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSi Aerial Data or OSi Lidar Data) & Survey No. 2021/OSi_NMA_180 (OSi Vector Data). All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

DART+ Coastal North

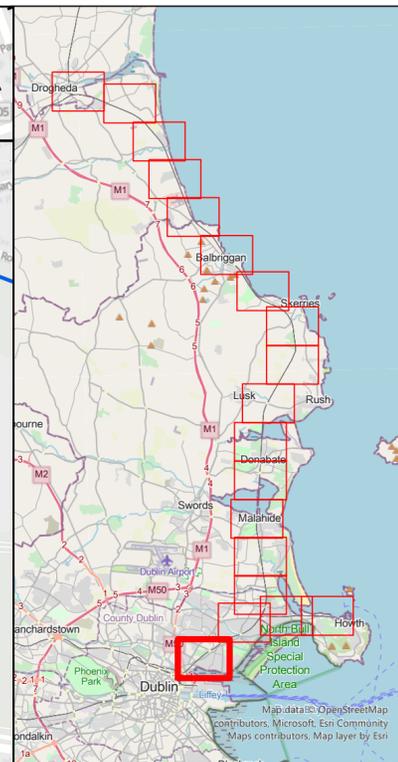
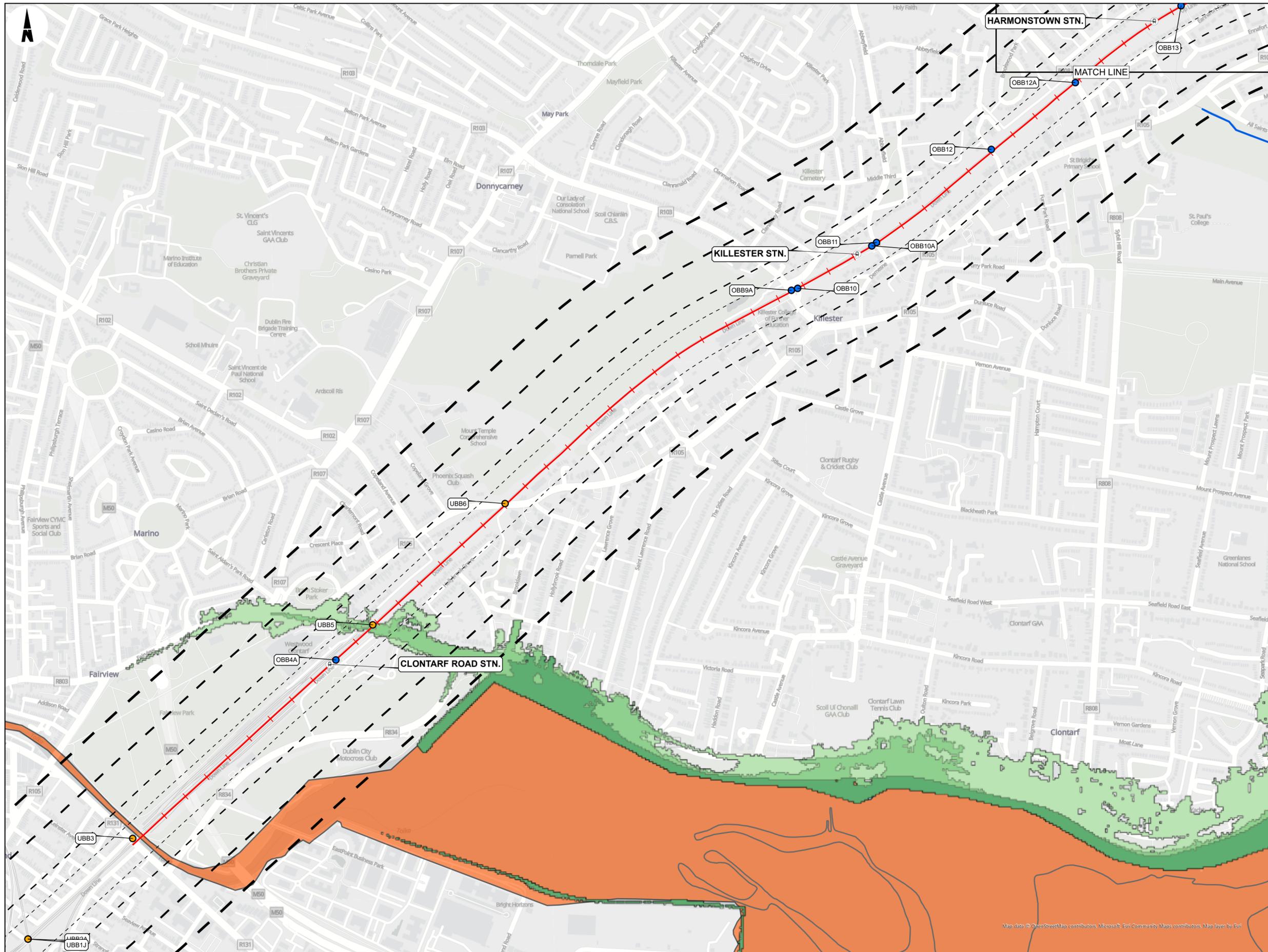
NTA
Náisiúnta Aisíntís Iompar
National Transport Authority

Tionscadal Éireann Project Ireland 2040

Client	Irish Rail	
Engineering Designer	ARUP	
Date	20/09/2021	Scale 1:5000 @ A1 1:10000 @ A3
Project Code	D-WP56	Originator Code ARP
OMS Code	279933-00	

Project Title	DART+ COASTAL NORTH		
Drawing Title	CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP		
Drawing File Name	D-WP56-ARP-ZZ-NL-DR-EV-00718	Sheet Number 18 of 19	Status 902
Rev	P03		

Map data © OpenStreetMap contributors, Microsoft, Esri, Community Maps contributors, Mapbox © Esri



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
 - 200M
 - 300M
 - ADMINISTRATIVE BOUNDARY
 - COUNTY BOUNDARY
 - WFD ARTICLE 5: SECTION 4 DISCHARGE POINT
 - WFD WATERBODIES
 - CANALS
 - RIVERS
 - LAKE WATERBODIES
 - TRANSITIONAL WATERBODIES
 - COASTAL WATERBODIES
 - RIVER AND COASTAL FLOOD RISK
 - RIVER FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - LOW PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

Copyright © 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.

© OpenStreetMap contributors

© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0030720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2021/OSI_NMA_180 (OSI Vector Data). All elevations are in metres and relate to OSI Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLIG).



Rev	Date	Dm	Chkd	App'd	Description
P01	30/09/2021	DM	SH	COD	
P02	11/10/2021	DM	SH	COD	
P03	10/12/2021	DM	SH	COD	

Client: **larród Éireann Irish Rail**

Engineering Designer: **ARUP**

Date: 20/09/2021 | Scale: 1:5000 @ A1 1:10000 @ A3

Project Code: D+WP56 | Originator Code: ARP

Drawn: DM | Checked: SH | Approved: COD

OMS Code: 279933-00

Project Title: DART+ COASTAL NORTH
Drawing Title: CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP
Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000719
Sheet Number: 19 of 19
Status: 902
Rev: P03