

- 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

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Rev	Date	Dn	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: **larród Éireann Irish Rail**

Engineering Designer: **ARUP**

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

Project Code: D+W56 Originator Code: ARP

Drawn: DM Checked: SH Approved: COD

OMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

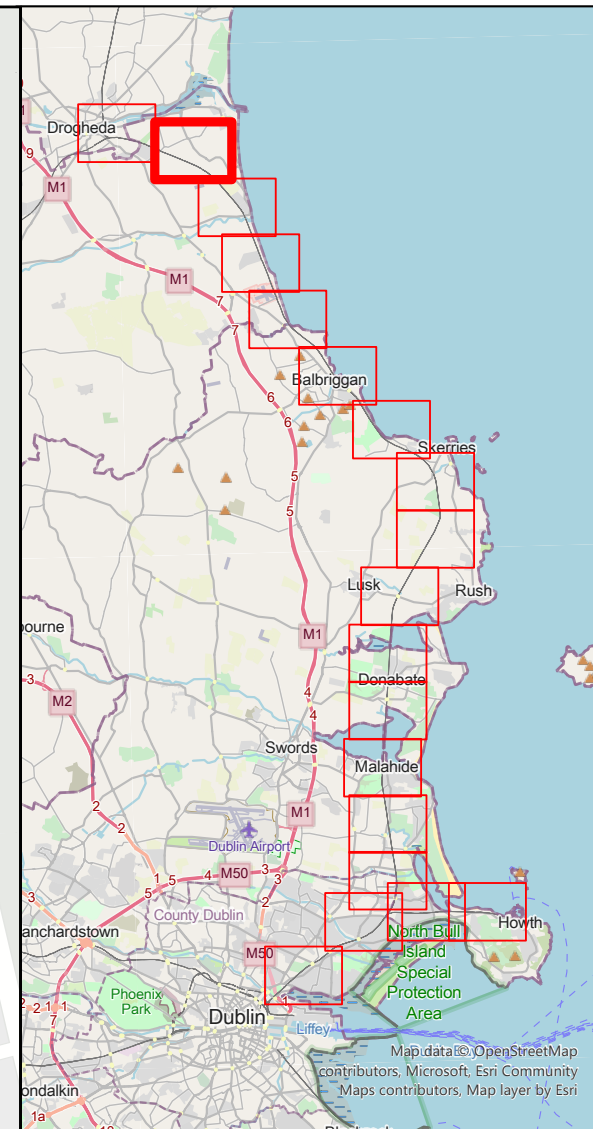
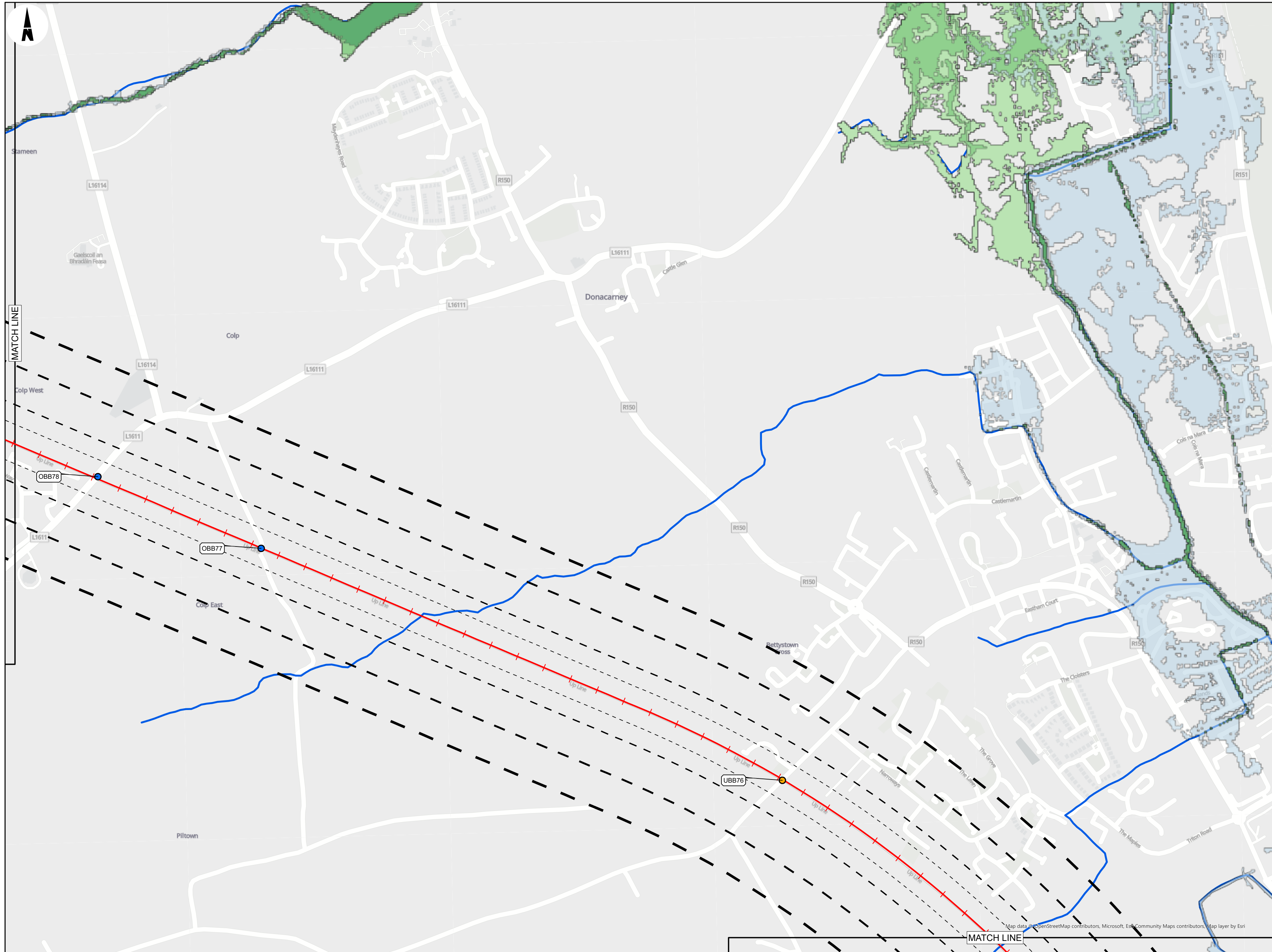
Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+W56-ARP-ZZ-NL-DR-EV-000701

Sheet Number: 1 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
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 - TRANSITIONAL WATERBODIES
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 - 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

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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

Drawn: DM Checked: SH Approved: COD

GMS Code: 279933-00

Project Title: **DART+ COASTAL NORTH**

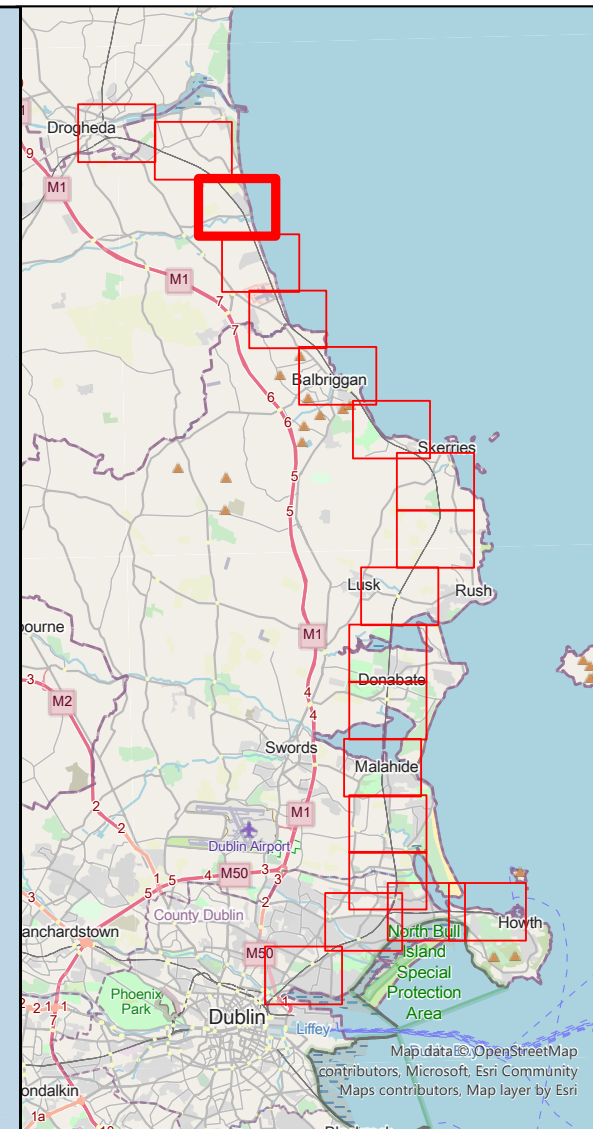
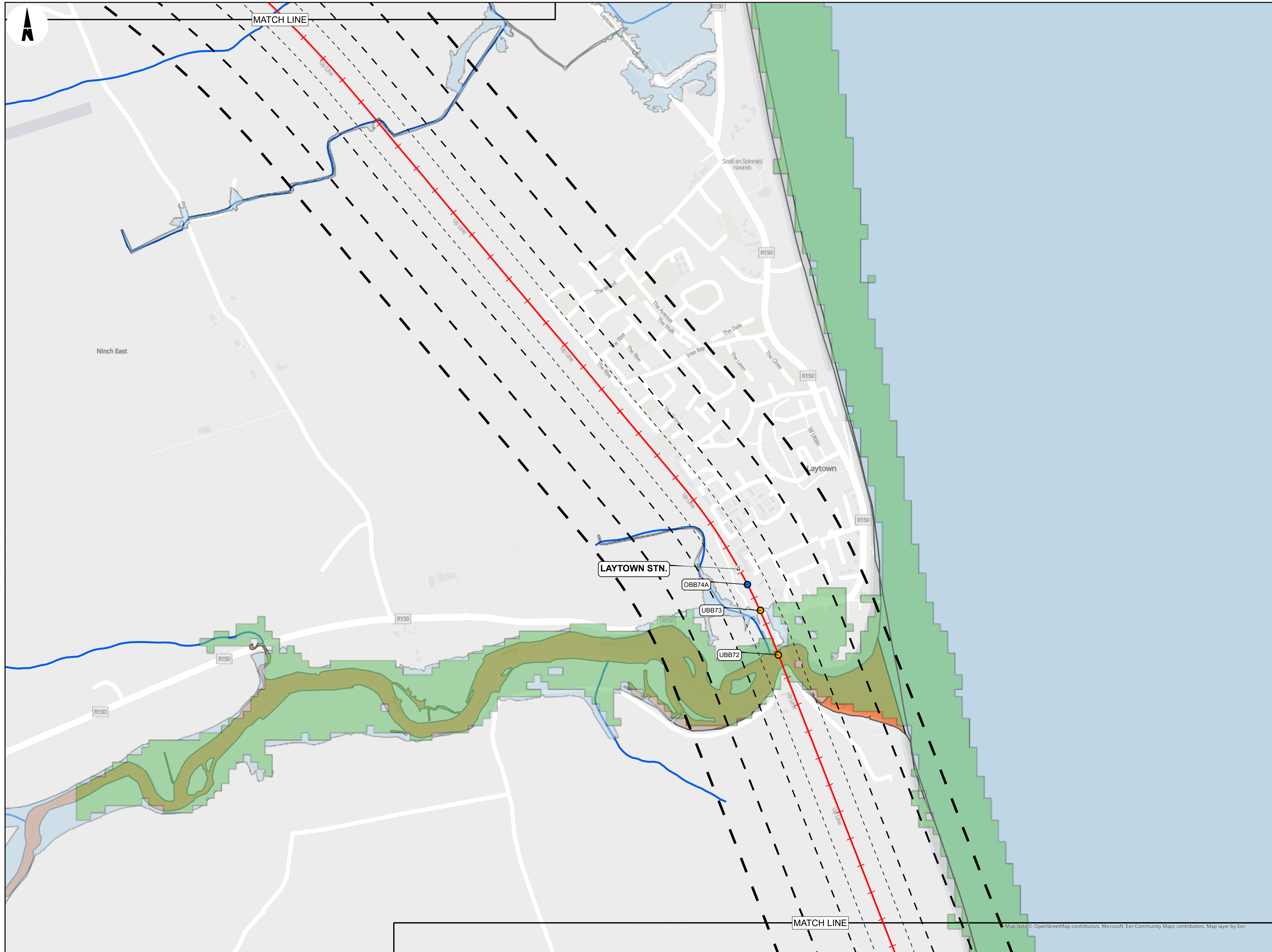
Drawing Title: **CONSTRAINTS REPORT SURFACE WATER BODIES AND FLOOD EXTENTS OPEN STREET MAP BASEMAP**

Drawing File Name: D+WP56-ARP-ZZ-NL-OR-EV-000702

Sheet Number: 2 of 19

Status: 902

Rev: P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
 - 50M
 - 100M
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 - 300M
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 - COUNTY BOUNDARY
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 - 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

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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

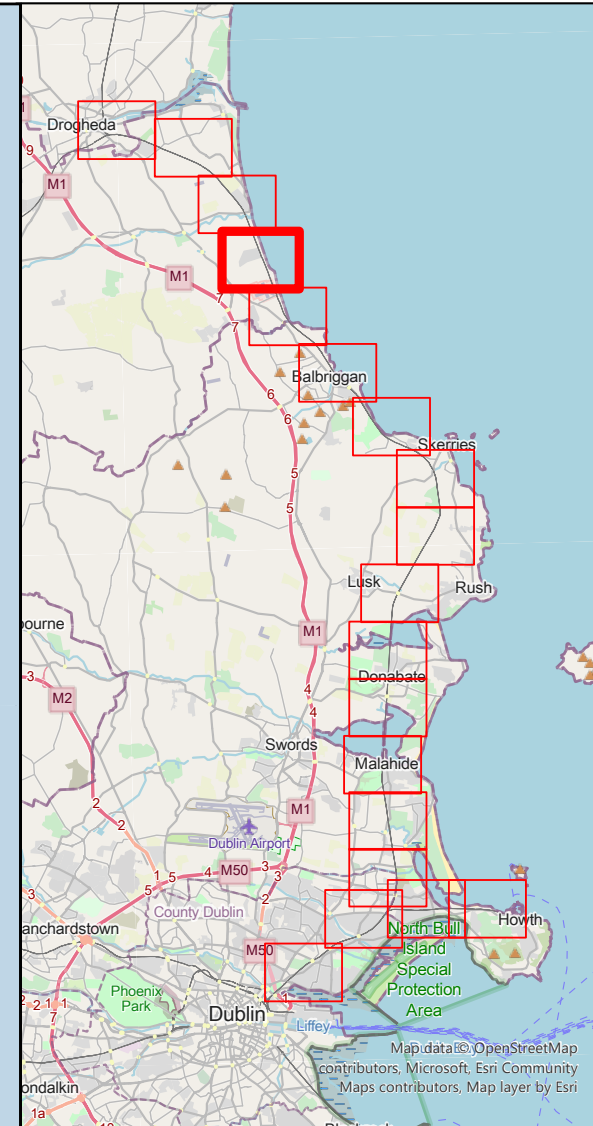
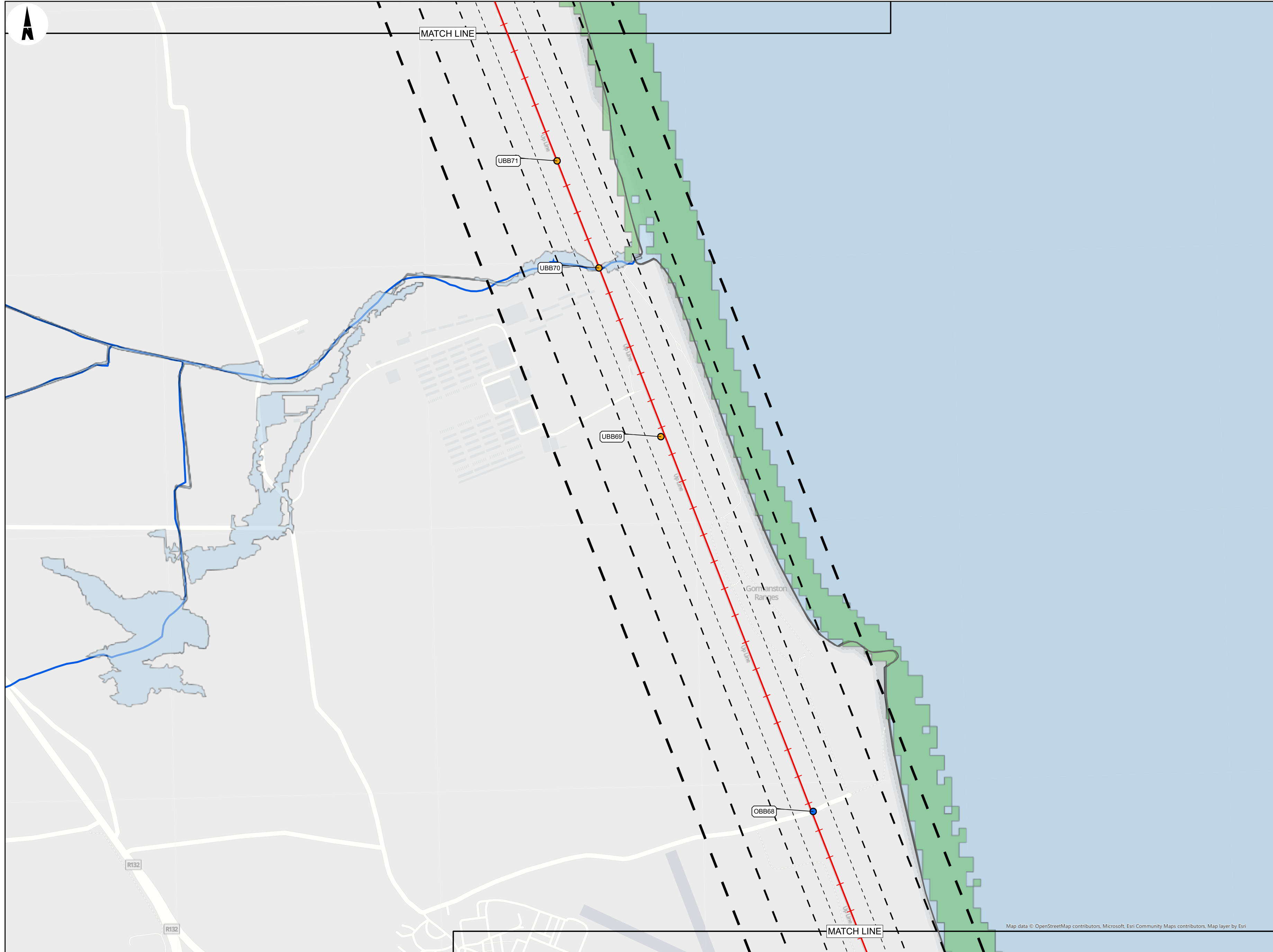
QMS Code: 279933-00

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-OR-EV-000703

Sheet Number: 3 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
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 - TRANSITIONAL WATERBODIES
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 - 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

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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**

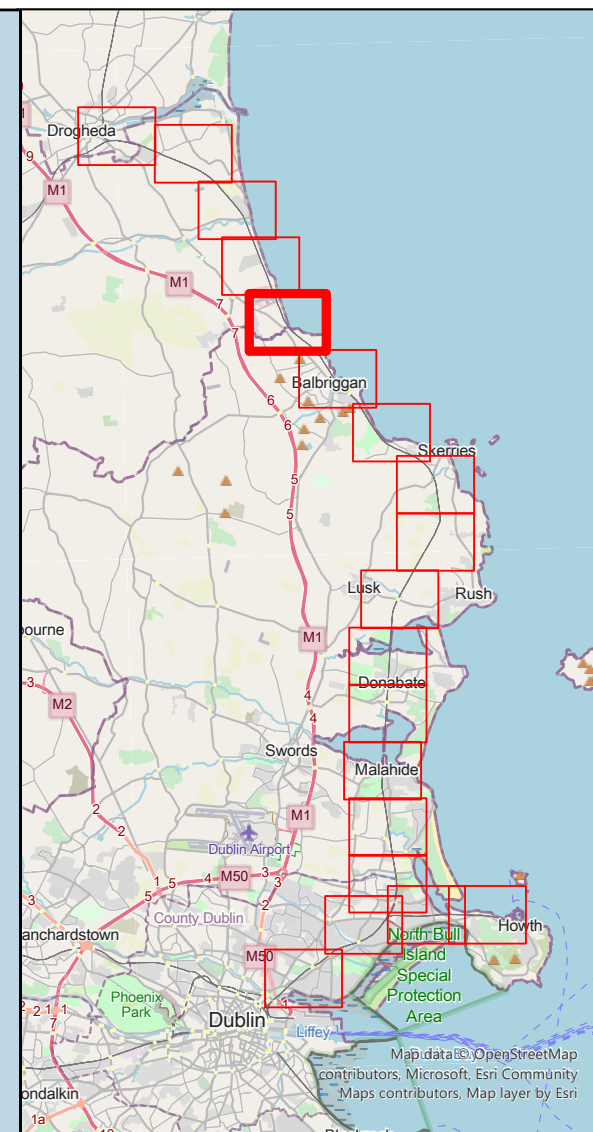
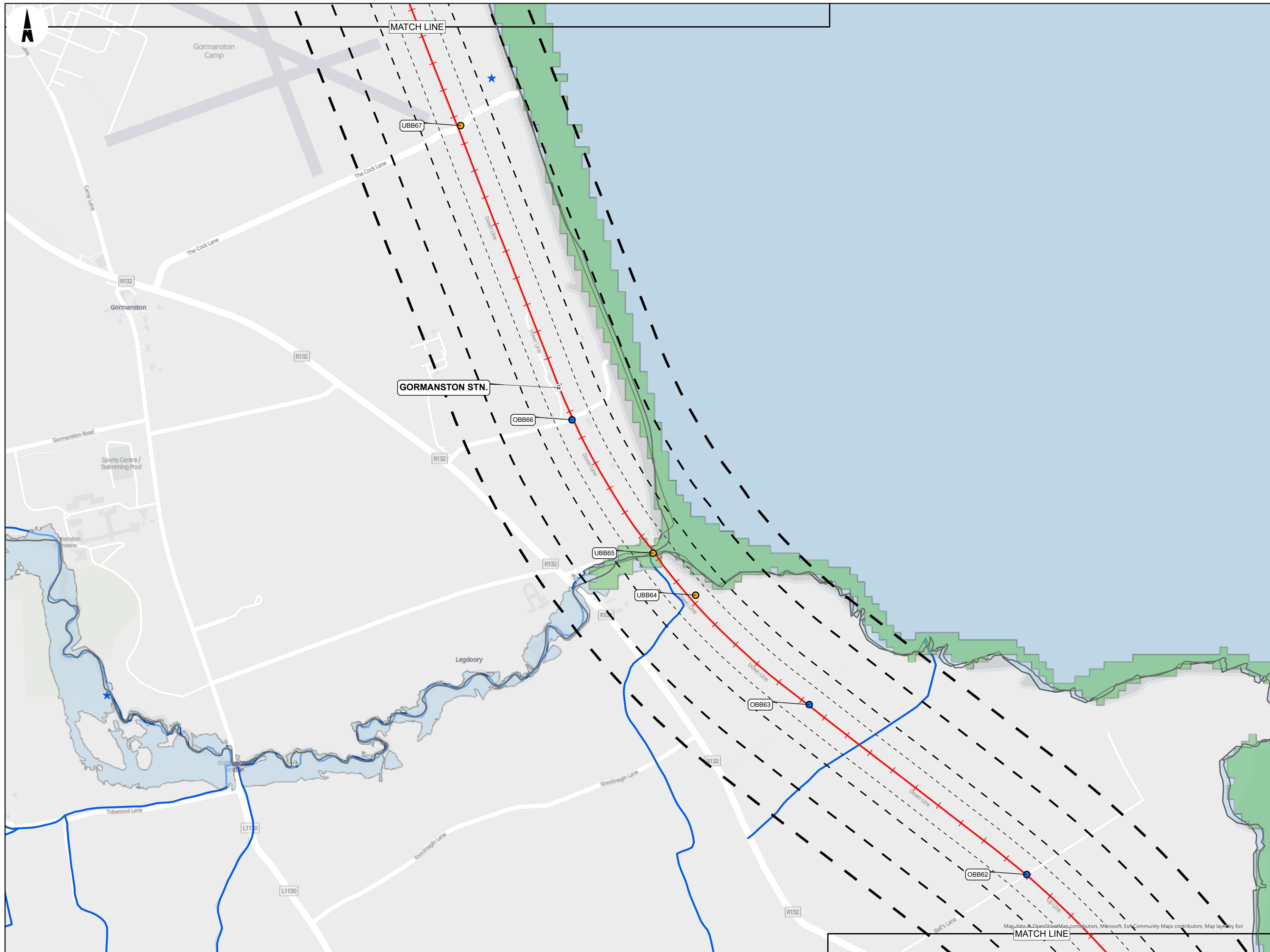
Date: 20/09/2021 | Scale: 1:5000 @ A1, 1:10000 @ A3

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-OR-EV-000704	Sheet Number: 4 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
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 - CANALS
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 - 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

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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: **larnród Éireann Irish Rail**

Engineering Designer: **ARUP**

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

Drawn	DM	Checked	SH	Approved	COD
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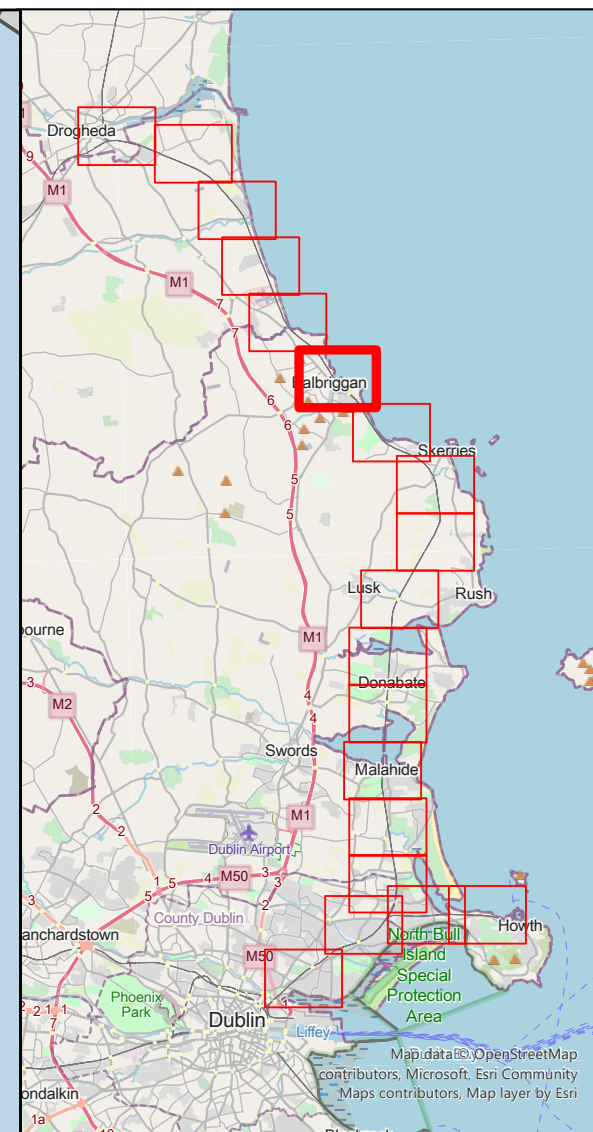
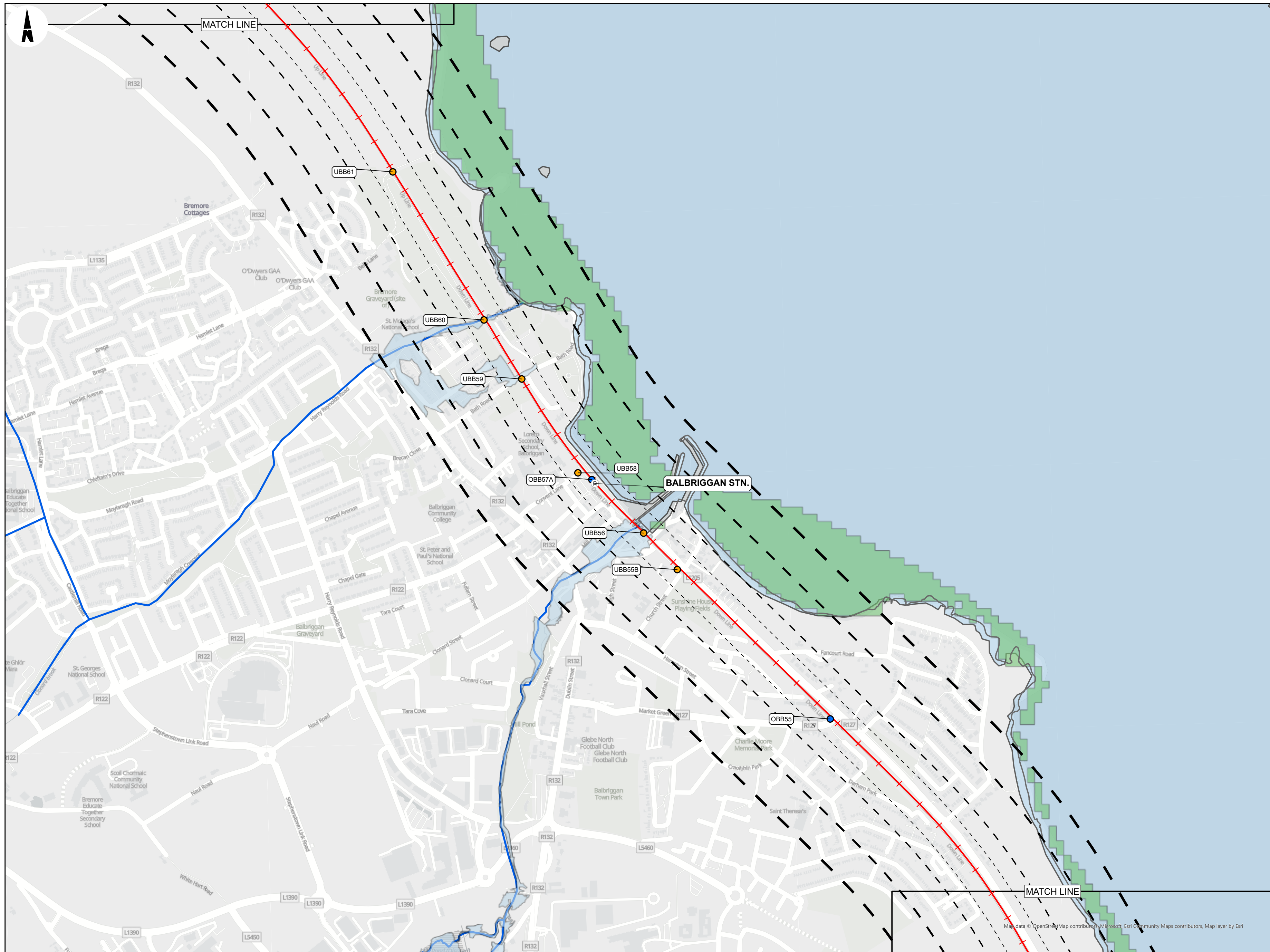
Project Code: D+WP56 | Originator Code: ARP | OMS Code: 279933-00

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-OR-EV-000705

Sheet Number	6 of 19	Status	S02	Rev	P03
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- 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
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 - 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

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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: **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

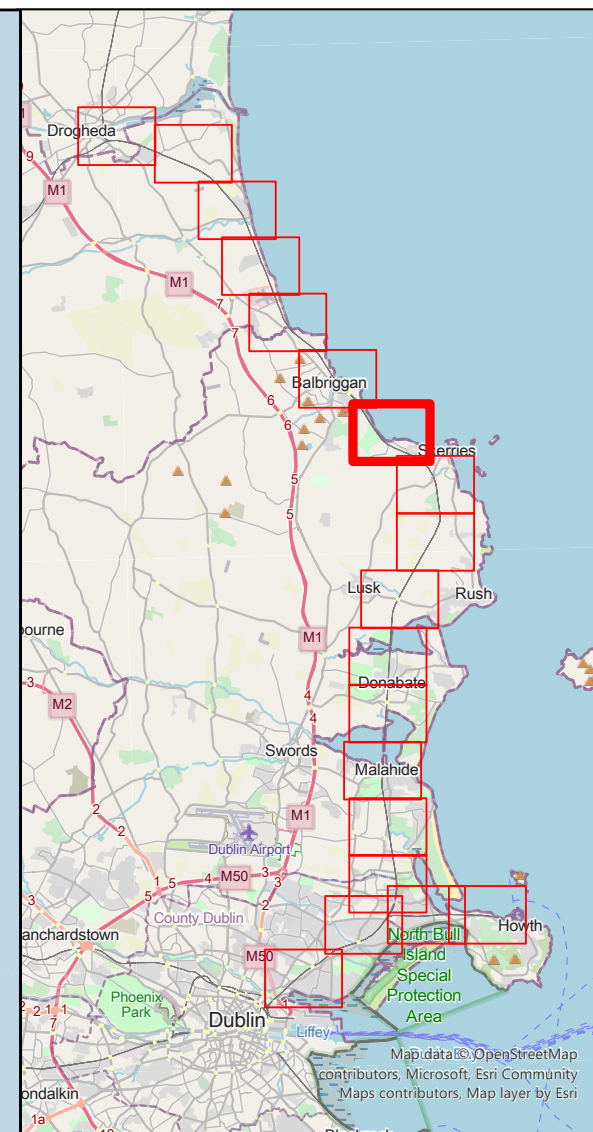
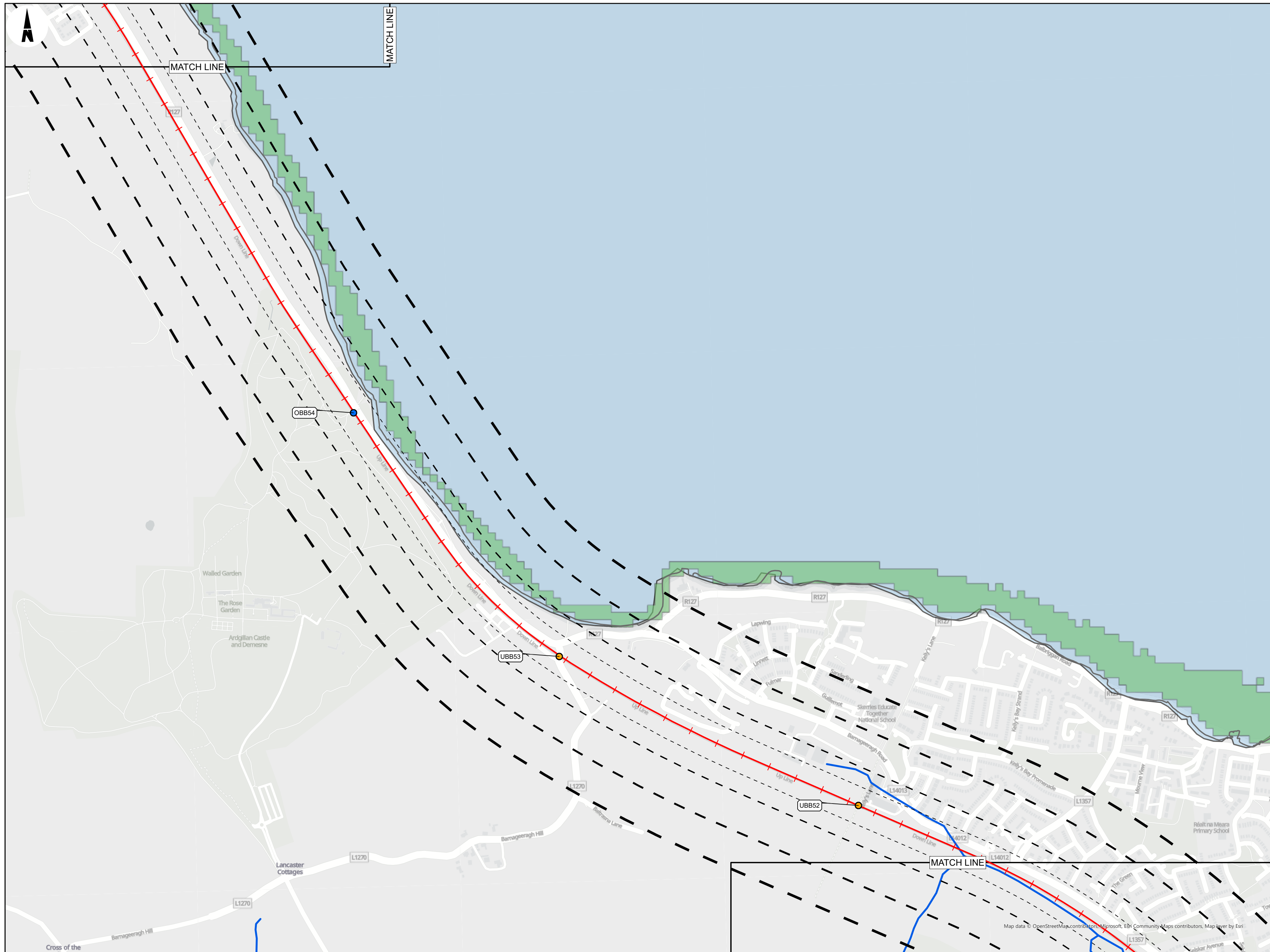
GMS Code: 279933-00

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-000706

Sheet Number: 6 of 19 | Status: 902 | Rev: P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
 - RAILWAY LINE
 - BUFFERS
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 - RIVER FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - RIVER FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY
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 - COASTAL FLOOD EXTENTS - PRESENT DAY - MEDIUM PROBABILITY
 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

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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**

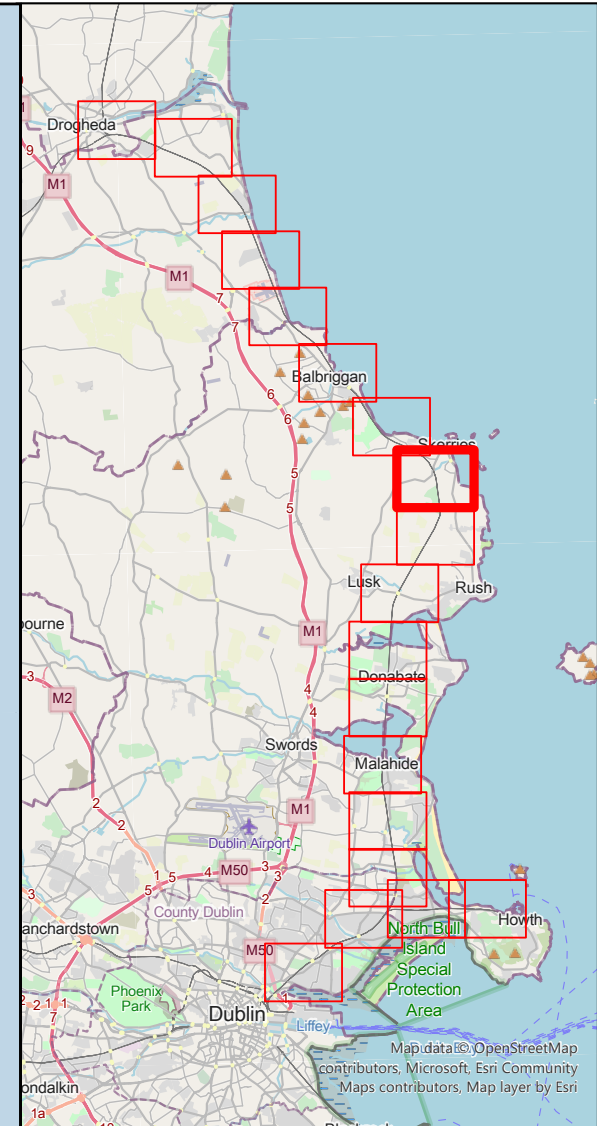
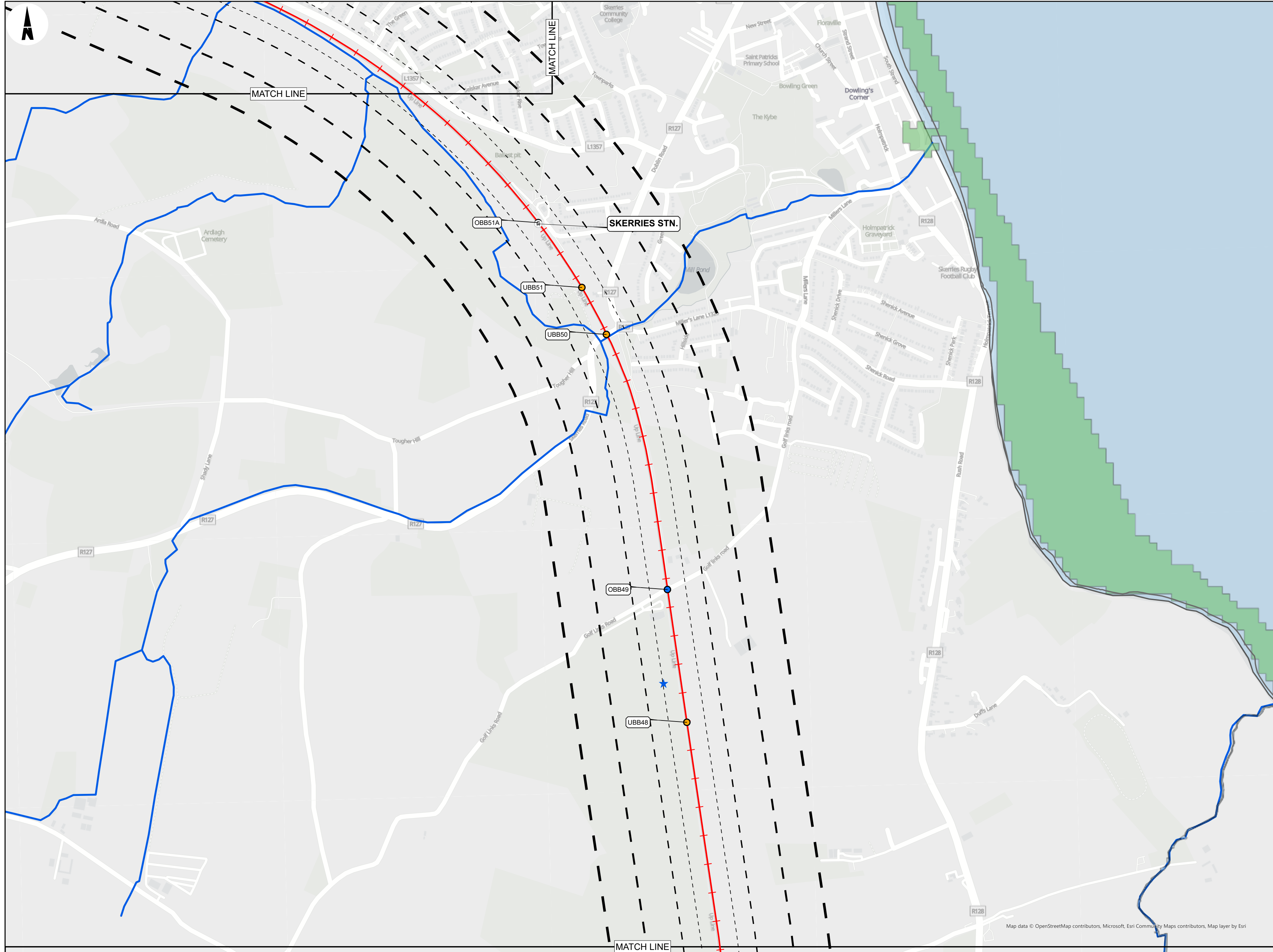
Engineering Designer: **ARUP**

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

Project Code: D+WP56 | Originator Code: ARP | OMS 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-000707	Sheet Number: 7 of 19	Status: S02	Rev: P03



- LEGEND**
- RAILWAY STATIONS
 - BRIDGES
 - OVERBRIDGE
 - UNDERBRIDGE
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 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

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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

QMS Code: 279933-00

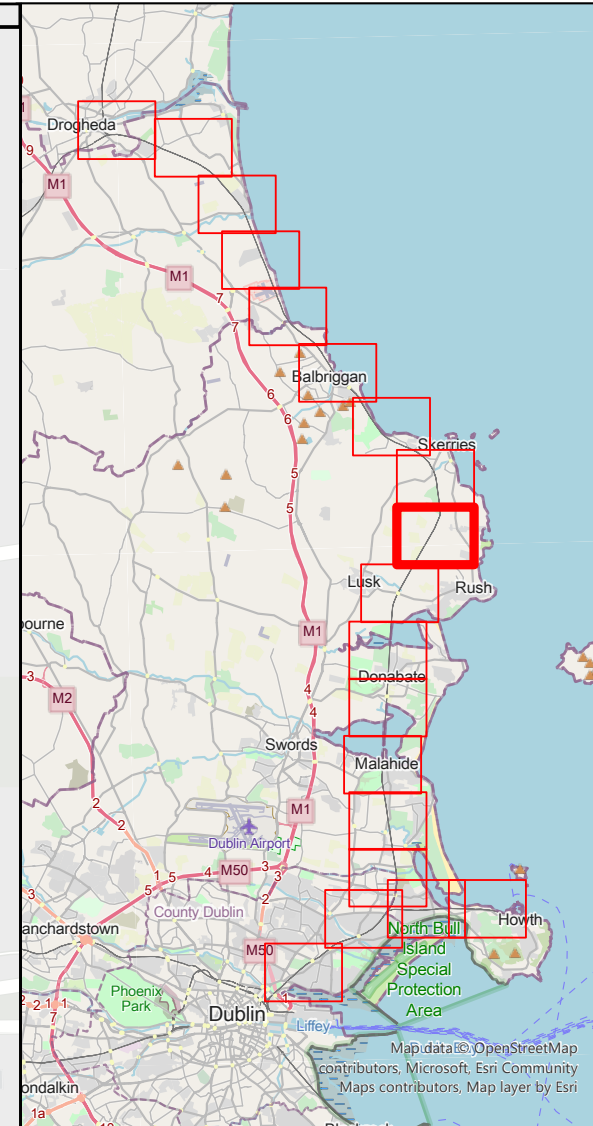
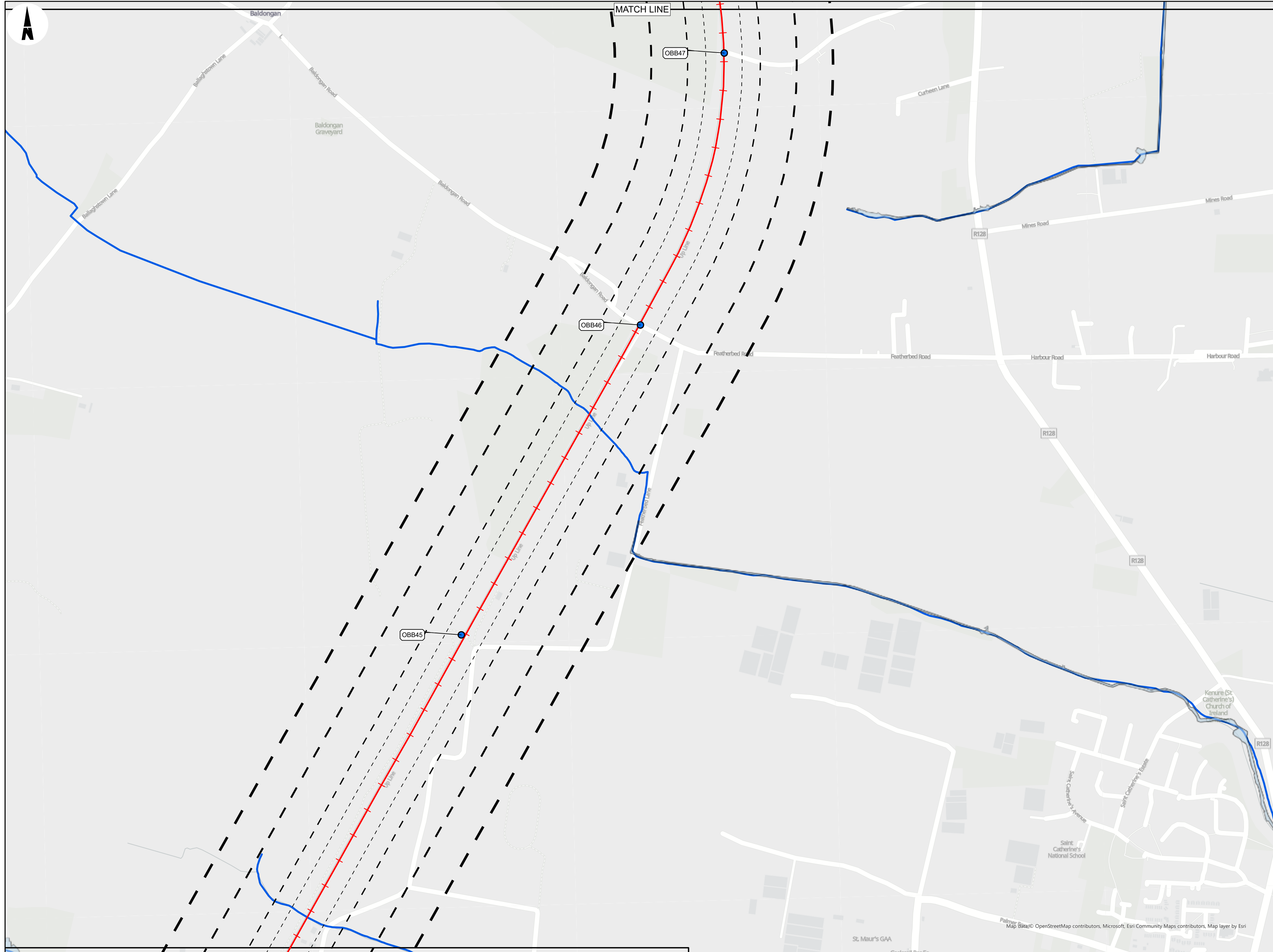
Drawn: DM | Checked: SH | Approved: COD

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-DR-EV-000708

Sheet Number: 8 of 19 | Status: 902 | Rev: P03



- LEGEND**
- RAILWAY STATIONS
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 - COASTAL FLOOD EXTENTS - PRESENT DAY - HIGH PROBABILITY

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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

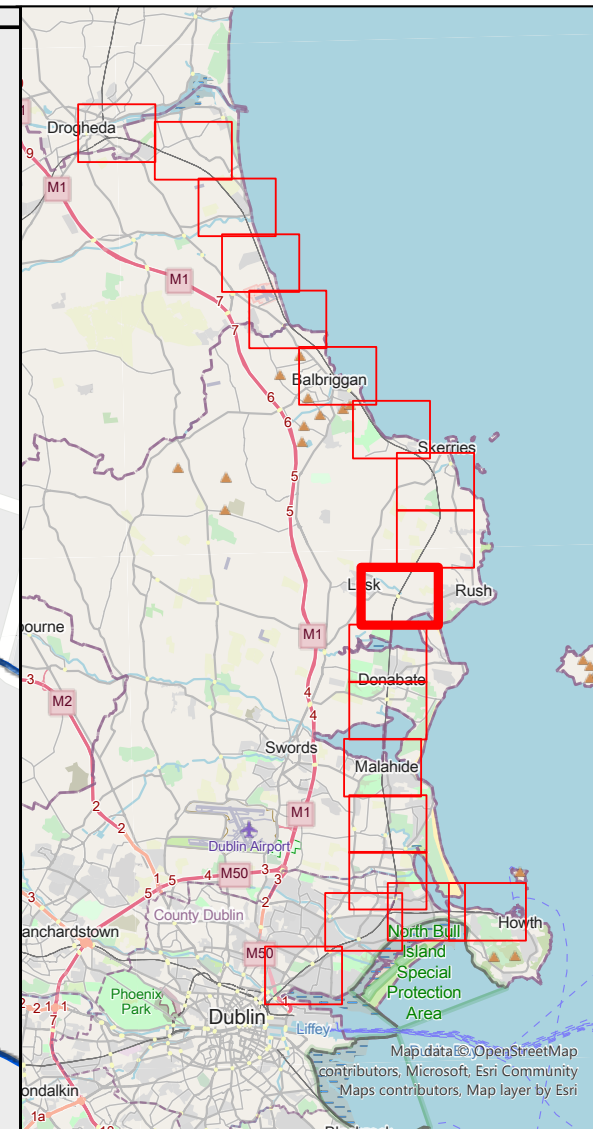
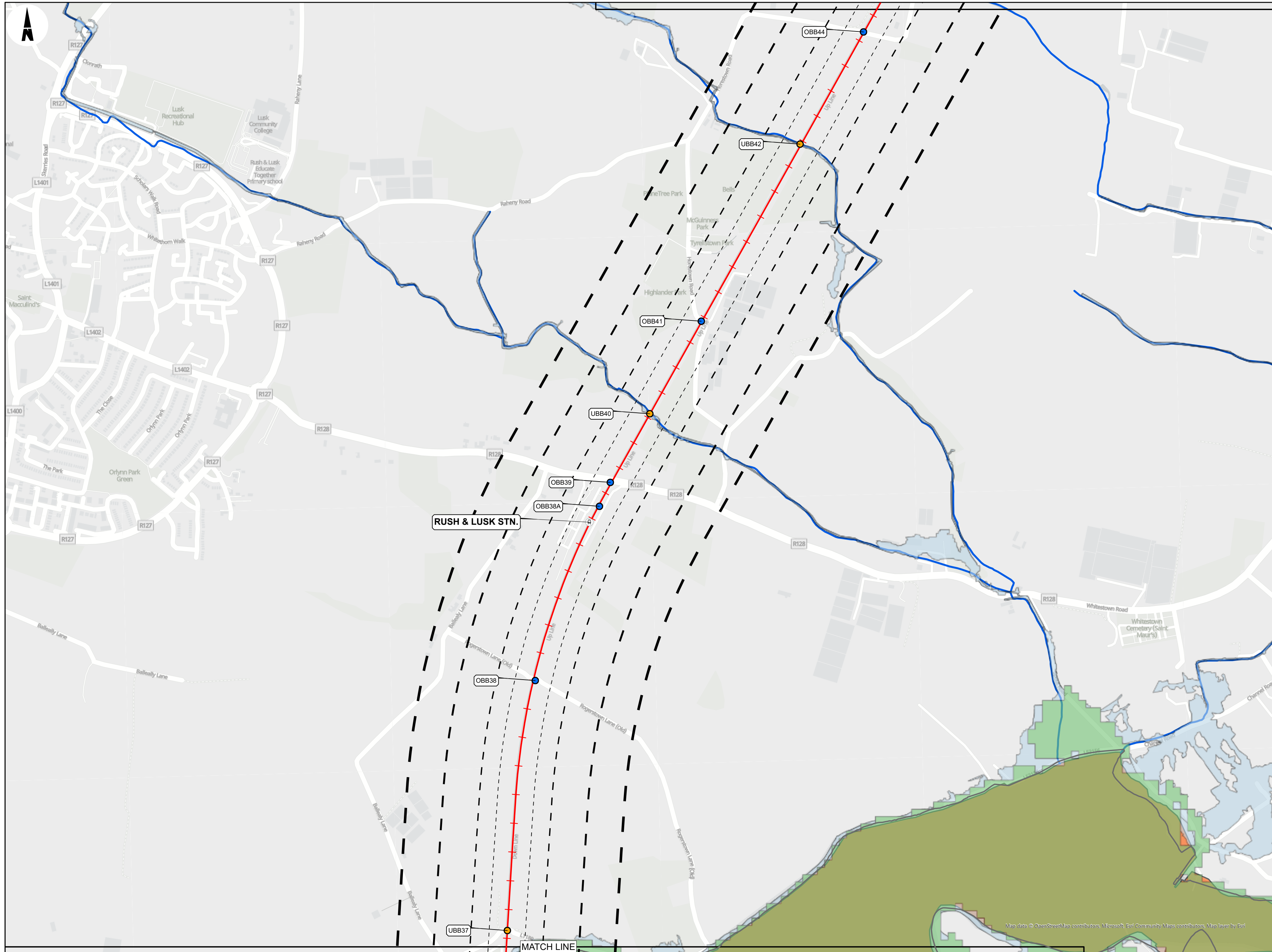
QMS Code: 279933-00

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-OR-EV-000709

Sheet Number: 9 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

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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-000710

Sheet Number	Status	Rev
10 of 19	S02	P03