

Plan View  
Plan Scale 1:1000

**Legend:**

- Renewed Track / Slewled Track
- Existing Track to be Retained (Main Lines)
- Existing Track to be Retained (Not Main Lines)
- Existing Track to be Removed
- IE Property Boundary
- Proposed Boundary Limit - Permanent Works
- Design Zone interface / Chainage interface
- Proposed Retaining Wall

- Design is based on topographical survey 09272\_C2\_3D\_R2 2009 in IG coordinates
- All distances in metres unless otherwise stated.
- The layout shows the Permanent Way Option 1. This alternative represents the connection between Inchicore Works Option 3 and all Permanent Way alternatives at South Circular Road. This alignment maintains the standard 10-foot track interval of 3.6m
- Design chainage are based on project chainages as defined in DP-04-23-REP-PM-TTA-01144-v03-S03.
- Further investigation required for the crossovers location.
- Walkways could be installed on either cess.
- New drainage is to be installed. New attenuation facilities will be required at Heuston area.
- Slow tracks to be electrified.

**NOTE:**

INFORMATION IS PRESENTED FOR PUBLIC CONSULTATION NO.1

NOT ALL DESIGN DETAIL OR CONSTRUCTION RELATED DETAIL ARE KNOWN AT THIS TIME. E.G. SUBSTATION LOCATIONS, CONSTRUCTION COMPOUNDS, TEMPORARY BRIDGE REQUIREMENTS, TEMPORARY UTILITY DIVERSIONS AND OTHER ELEMENTS

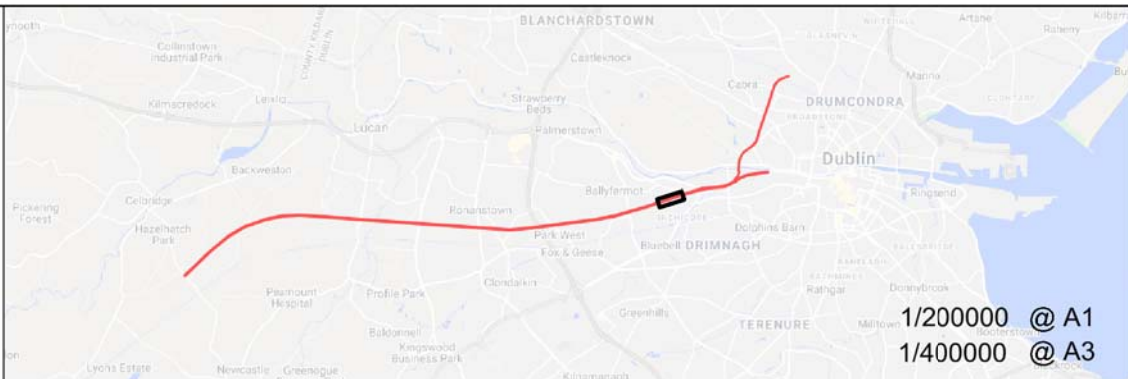
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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Main Head as defined by existing Project Control.

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
v01	21/04/2021	JYM	FJC	AG	FOR PUBLIC CONSULTATION No1

**Client**

**Engineering Designer**  
  
Supported by:

**Date**  
Scale 1:1000 @ A1  
1:2000 @ A3

**Project Code**  
ATK

**Drawn**  
JYM

**Checked**  
FJC

**Approved**  
AG

**QMS Code**

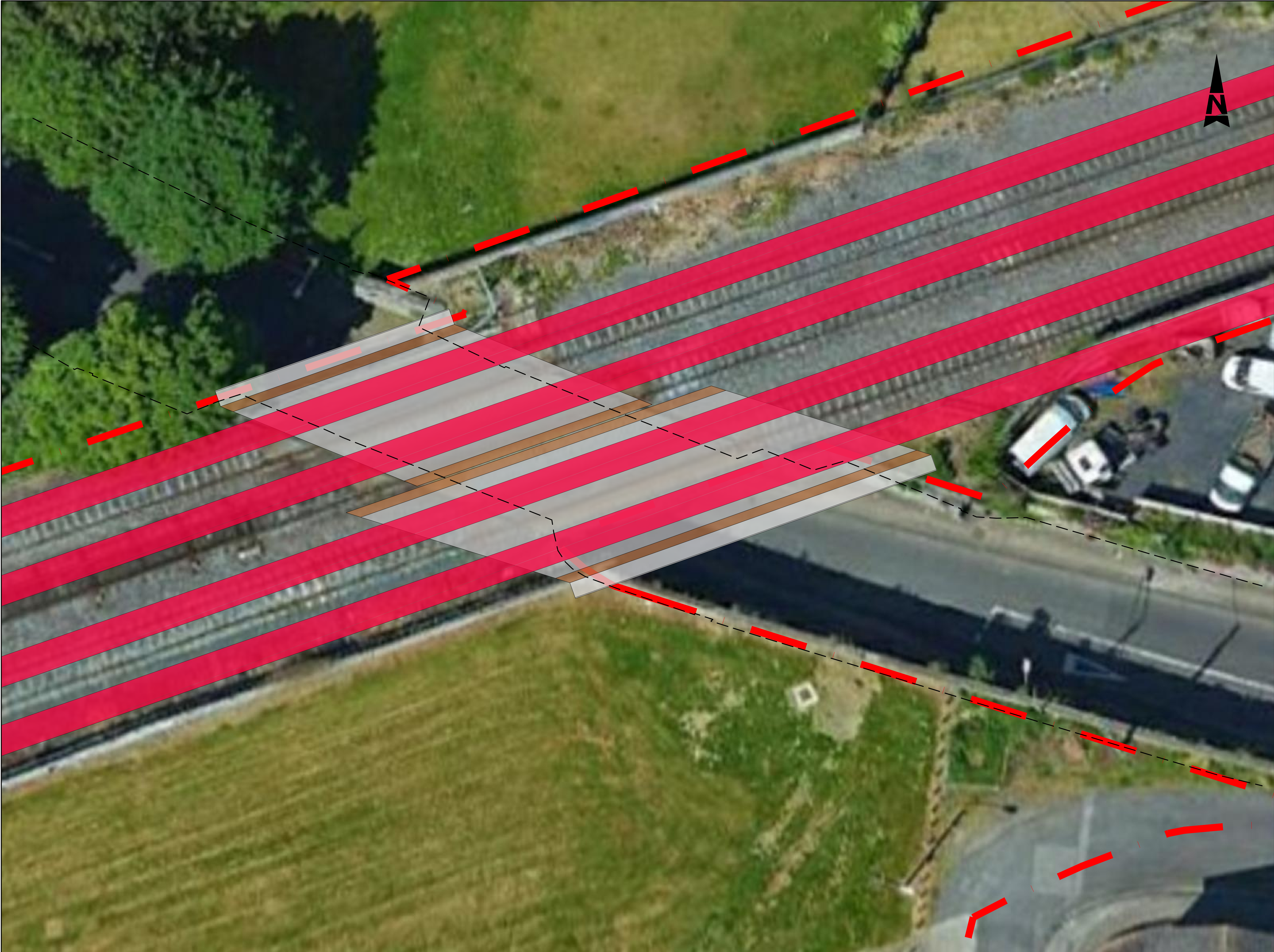
Project Title	Drawing Title	Drawing File Name	Version	Status
DART + SOUTH WEST	SARSFIELD ROAD BRIDGE (UBC4) & MEMORIAL ROAD BRIDGE (OBC3) TRACK PLAN LAYOUT PERMANENT WAY OPTION 1	DP-04-23-DWG-PW-TTA-55830	V01	S3

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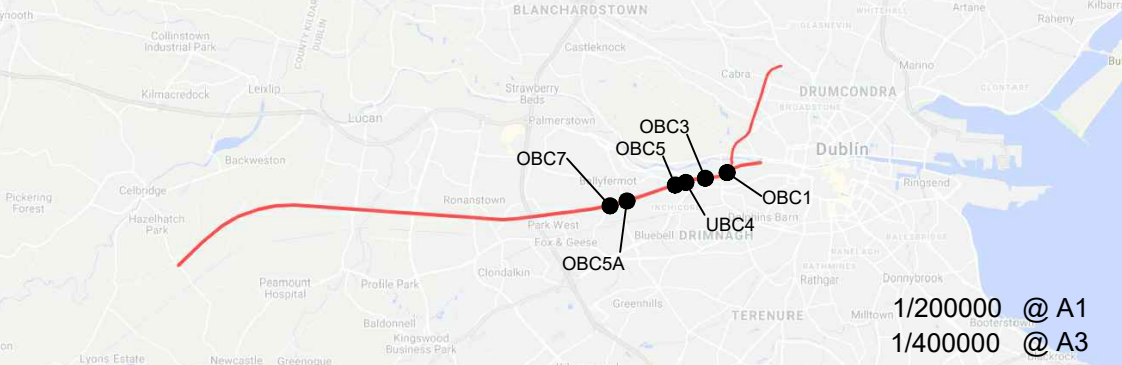


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Rev	Date	Dm	Chk'd	App'd	Description
v01	21/04/21	AOS	RM	AG	FOR PUBLIC CONSULTATION No1

Client	
Iarnród Éireann Irish Rail	
Date	28/01/21
Scale	NTS @ A1 NTS @ A3
Project Code	5199586
Issuer	TTA

Engineering Designer	
ATKINS	
Supported by: TYPESA	
Drawn	AOS
Checked	RM
Approved	AG
QMS Code	

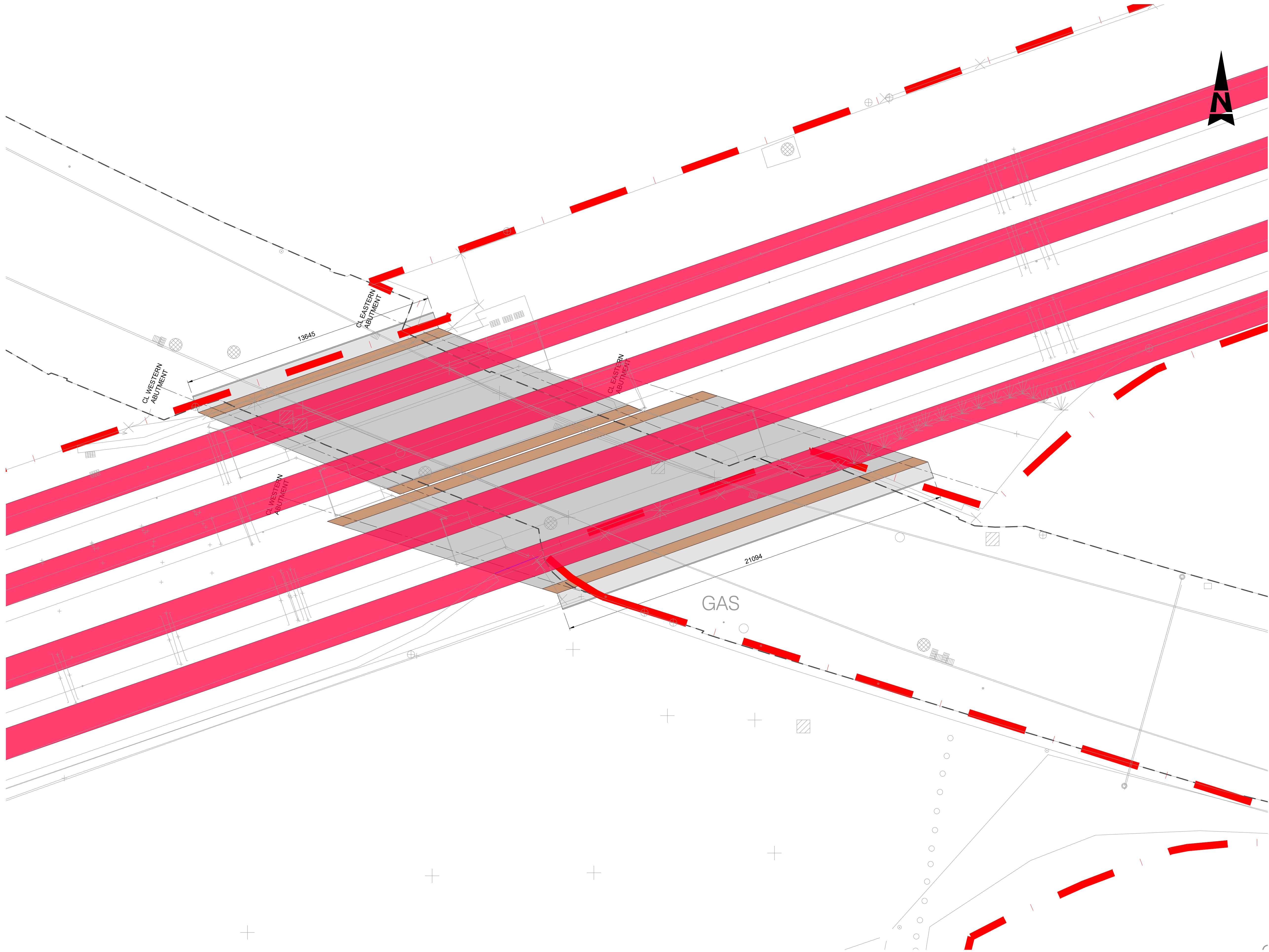
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DART+ SOUTH WEST	
Drawing Title	
SARSFIELD ROAD BRIDGE (UBC4) OPTION 2 - GENERAL ARRANGEMENT	
Drawing File Name	
DP-04-23-DWG-ST-TTA-55956	
Version	v01
Status	S3

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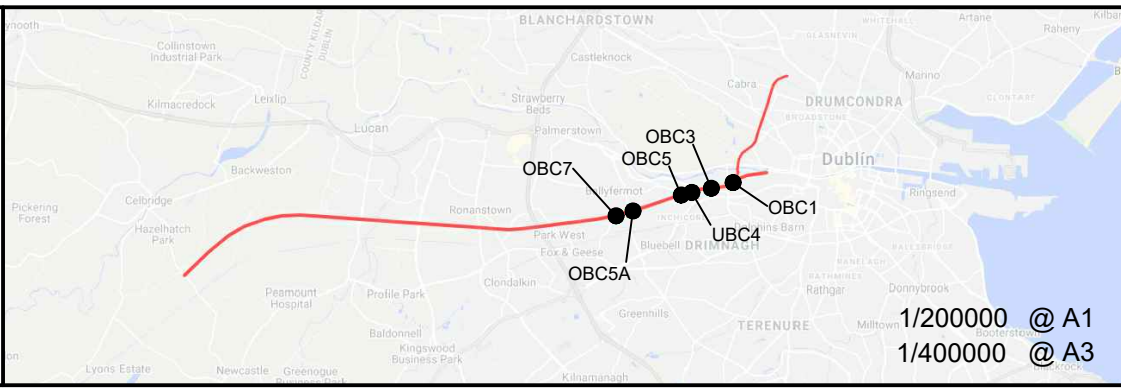


LEGEND :-

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Rev	Date	Dm	Chk'd	App'd	Description
v01	21/04/21	AOS	RM	AG	FOR PUBLIC CONSULTATION No1

Client  
**Iarnród Éireann**  
**Irish Rail**

Date 28/01/21 Scale 1:100 @ A1  
1:200 @ A3

Project Code 5199586 Issuer TTA

Engineering Designer  
**ATKINS**  
Supported by **TYPESA** Member of the SNC-Lavalin Group  
**rps**

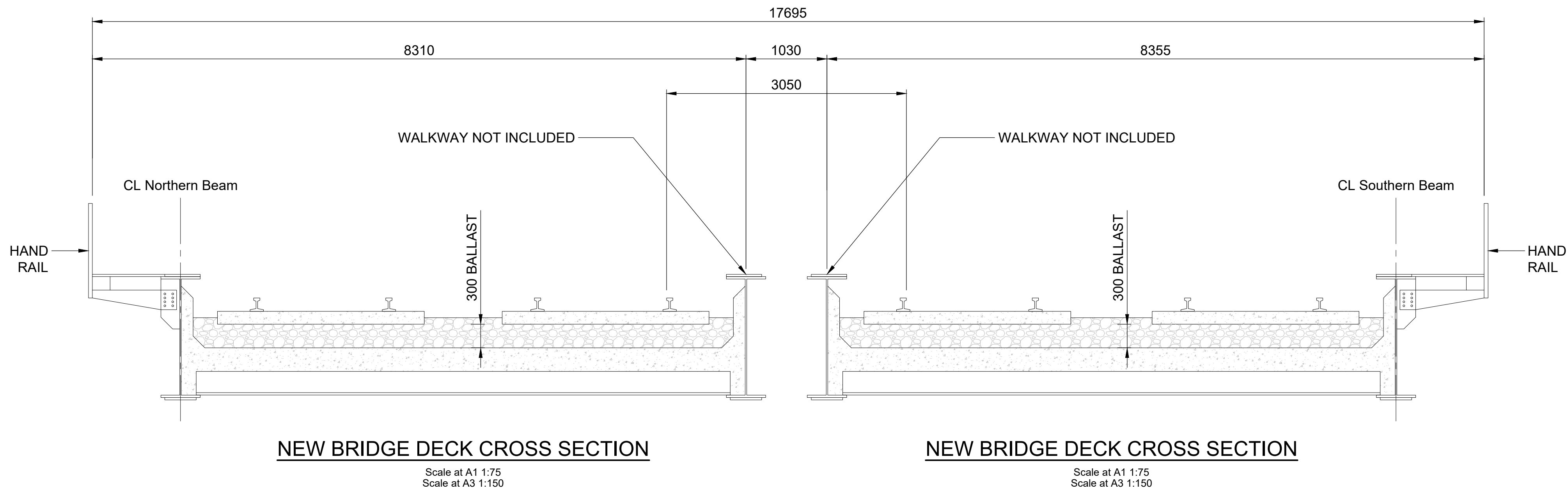
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QMS Code

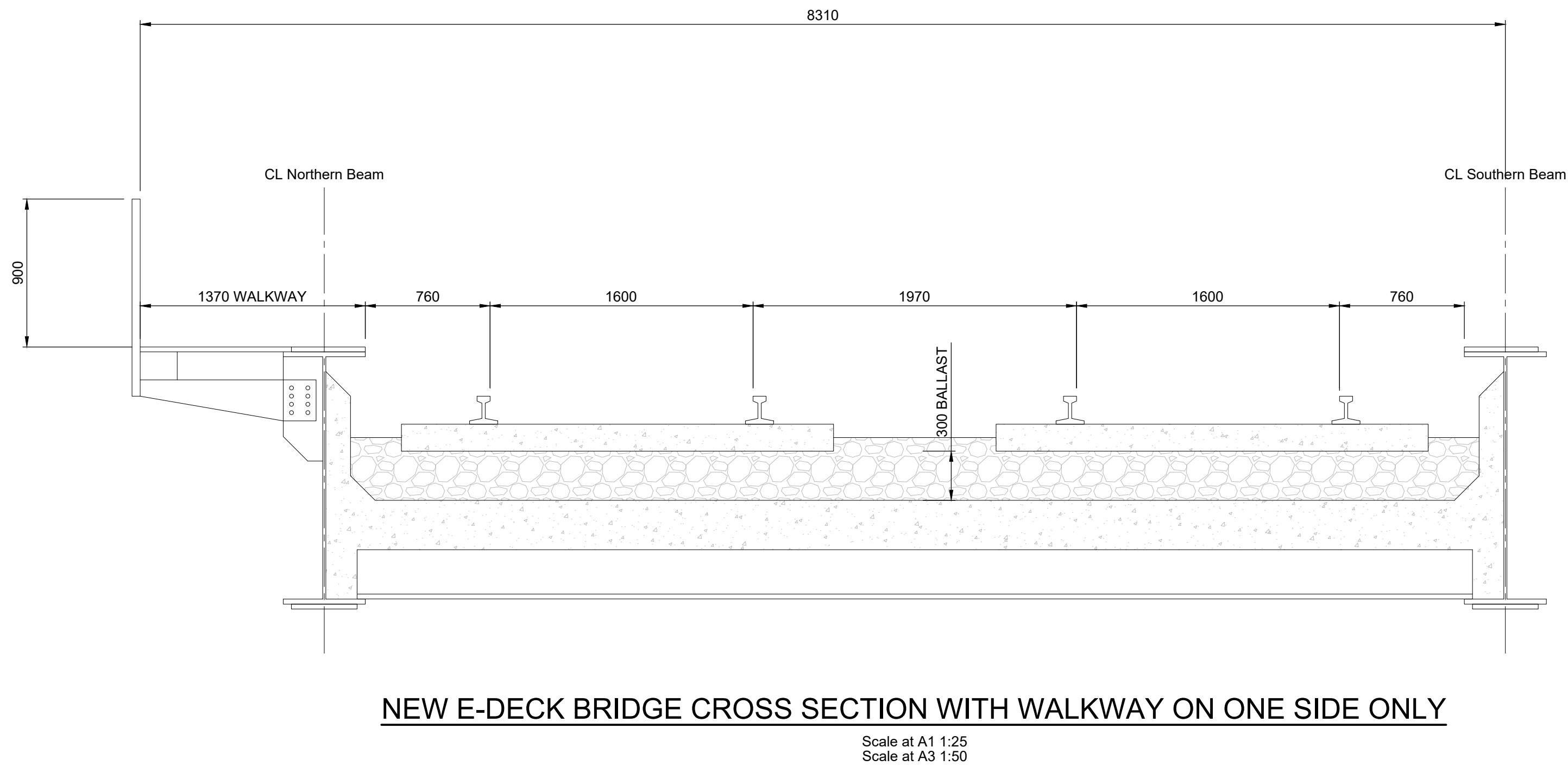
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Drawing Title	SARSFIELD ROAD BRIDGE (UBC4) OPTION 2 - BRIDGE DECK GENERAL ARRANGEMENT		
Drawing File Name	DP-04-23-DWG-ST-TTA-55957	Version v01	Status S3

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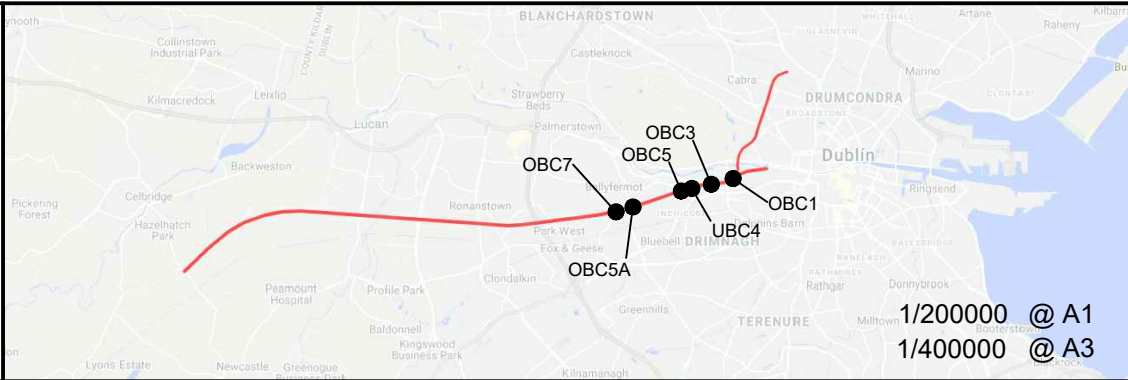


2 x NEW BRIDGE DECKS BASED ON ALTERNATIVE 4 TRACK ALIGNMENT



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v01	21/04/21	AOS	RM	AG	FOR PUBLIC CONSULTATION No1

Client	
Iarnród Éireann Irish Rail	
Date	28/01/21
Project Code	5199586
Issuer	TTA

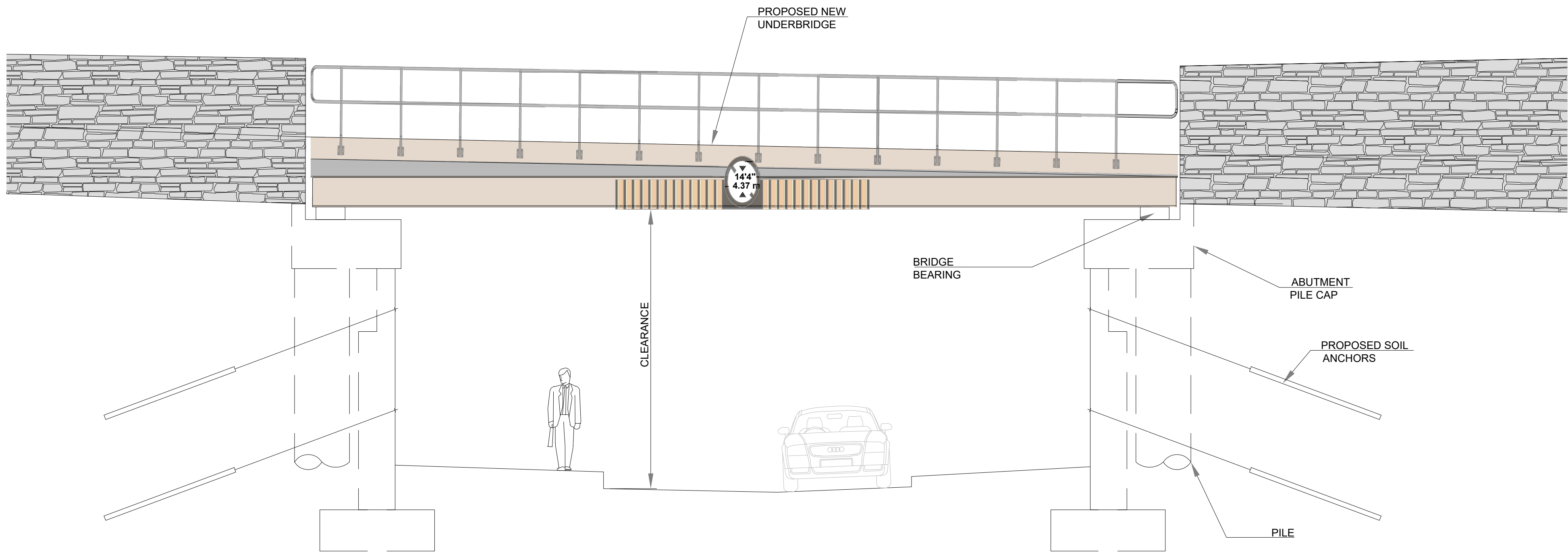
Engineering Designer	
ATKINS	
Supported by: rps	
Drawn	AOS
Checked	RM
Approved	AG
QMS Code	

Project Title	
DART+ SOUTH WEST	
Drawing Title	
SARSFIELD ROAD BRIDGE (UBC4) OPTION 2 - BRIDGE DECK CROSS SECTIONS	
Drawing File Name	
DP-04-23-DWG-ST-TTA-55958	
Version	v01
Status	S3

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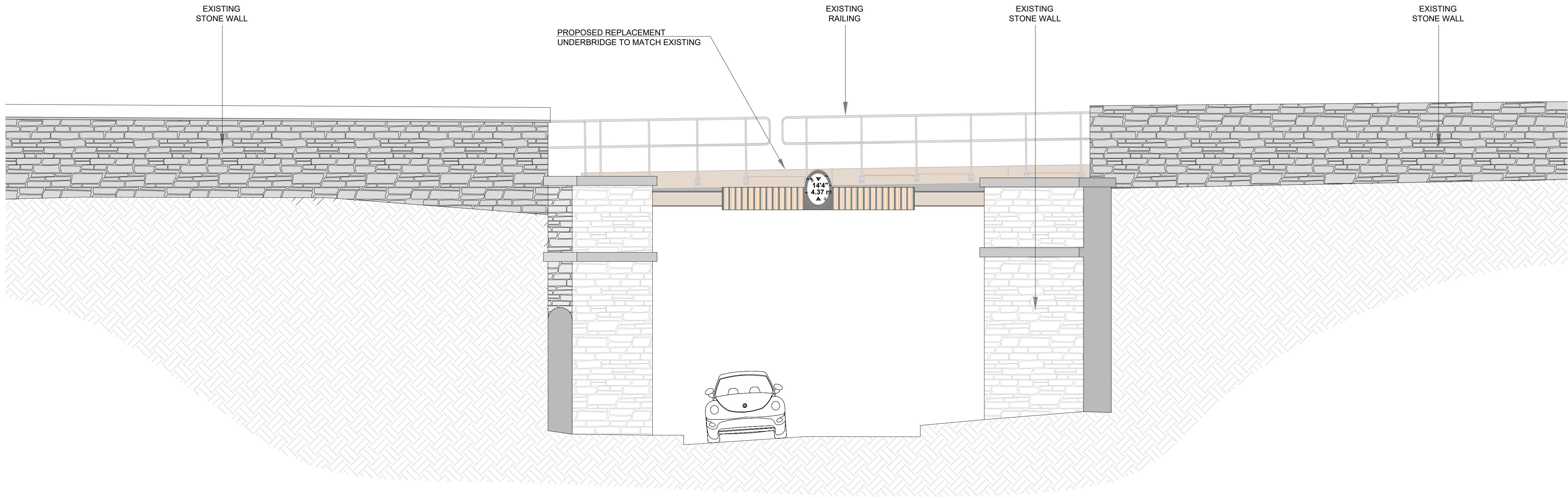


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INDICATIVE ELEVATION ON SOUTH BRIDGE

Scale at A1 1:100  
Scale at A3 1:200

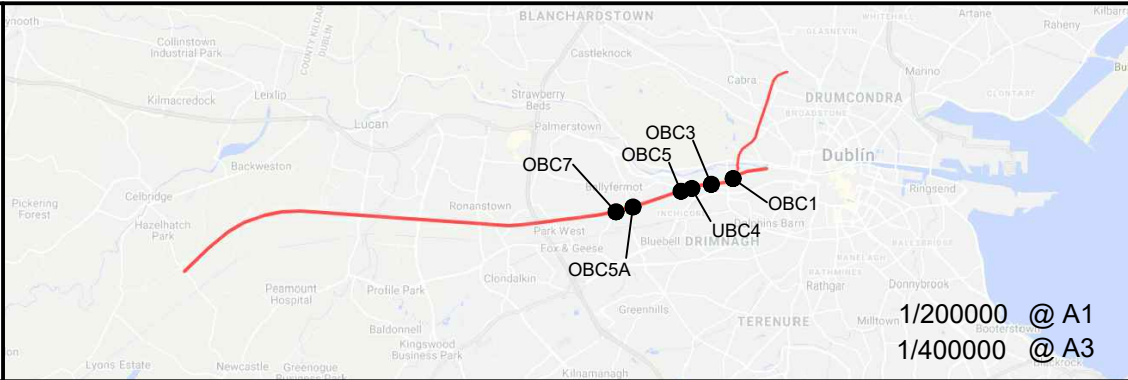


INDICATIVE ELEVATION ON NORTH BRIDGE

Scale at A1 1:100  
Scale at A3 1:200

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1/200000 @ A1  
1/400000 @ A3

**DART+ South West**



Rev	Date	Dwn	Chk'd	App'd	Description
V01	21/04/2021	AOS	RM	AG	FOR PUBLIC CONSULTATION NO1

Client <b>Iarnród Éireann Irish Rail</b>	
Date 28/01/21	Scale 1:50 @ A1 1:100 @ A3
Project Code 5199586	Issuer TTA

Engineering Designer <b>ATKINS</b> Member of the SNC-Lavalin Group Supported by <b>rps</b>		
Drawn AOS	Checked RM	Approved AG
QMS Code		

Project Title <b>DART+ SOUTH WEST</b>		
Drawing Title <b>SARSFIELD ROAD BRIDGE (UBC4) OPTION 2 - SOUTHERN BRIDGE ELEVATION</b>		
Drawing File Name DP-04-23-DWG-ST-TTA-55959	Version v01	Status S3

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