

Plan View
Plan Scale 1:1000

Legend:

- Renewed Track / Slew'd 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

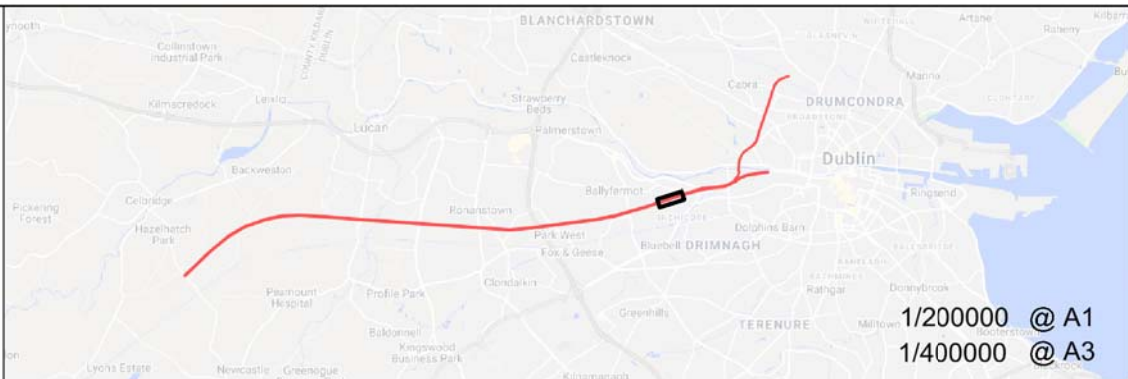
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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Main Head as defined by existing Project Control.





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



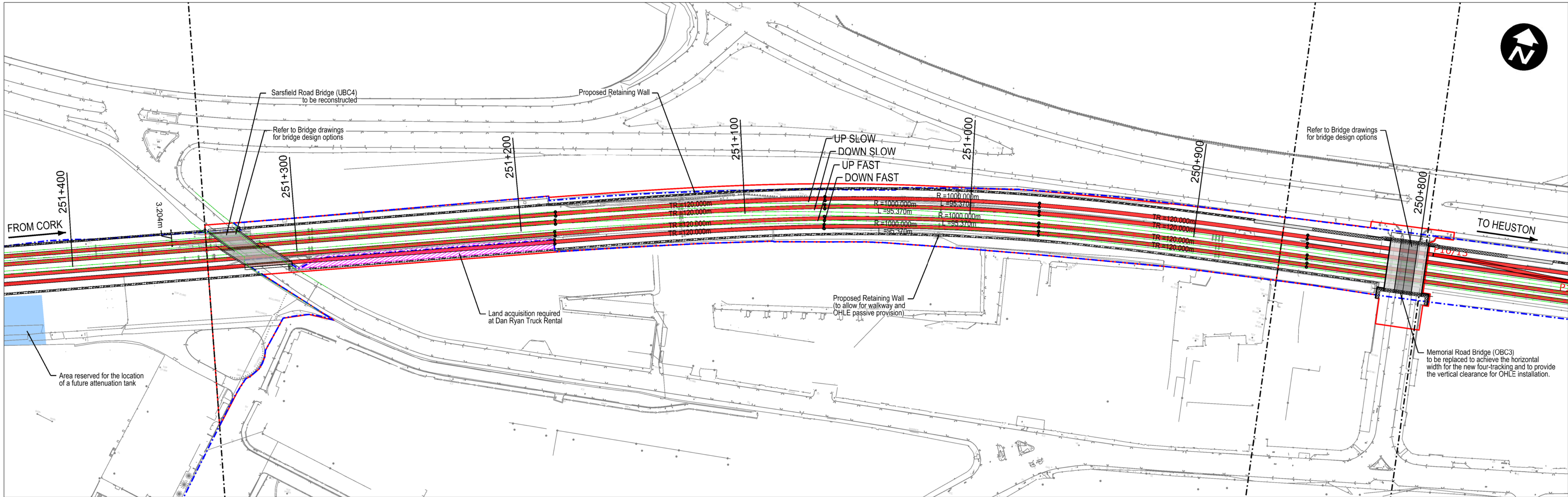
Date	Scale
1:1000 @ A1	1:2000 @ A3
Project Code	Issuer
ATK	

Engineering Designer			
			
Member of the SNC-Lavalin Group			
Supported by:			
Drawn	Checked	Approved	
JYM	FJC	AG	
QMS Code			

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

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Plan View
Plan Scale 1:1000

Legend:

Renewed Track / Slew'd 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

1. Design is based on topographical survey 09272_C2_3D_R2 2009 in IG coordinates
2. All distances in metres unless otherwise stated.
3. The layout shows the Permanent Way Option 2. This alternative represents the connection between Inchicore Works Option 4 and all Permanent Way alternatives at South Circular Road. This alignment maintains the standard 10-foot track interval of 3.6m
4. Design chainage are based on project chainages as defined in DP-04-23-REP-PM-TTA-01144-v03-S03.
5. Further investigation required for the crossovers location.
6. Walkways could be installed on either cess.
7. New drainage is to be installed. New attenuation facilities will be required at Heuston area.
8. Slow tracks to be electrified.

NOTE:

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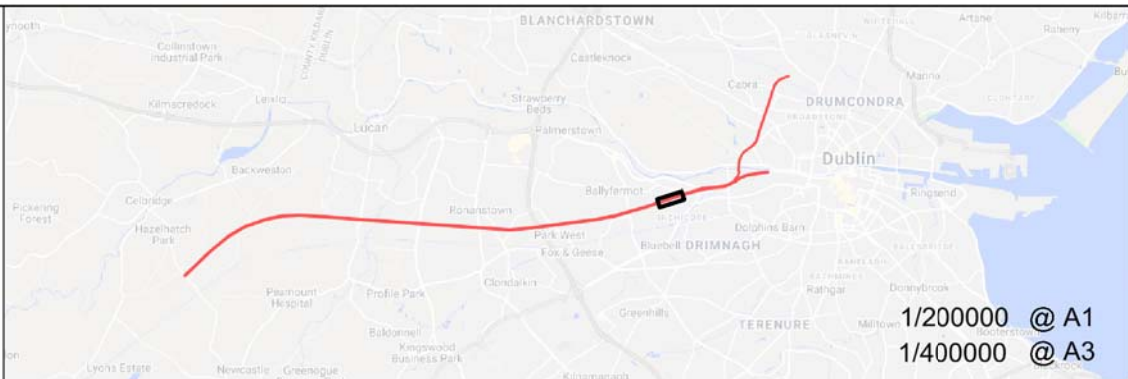
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Rev	Date	Dm	Chk'd	App'd	Description
v01	21/04/2021	JYM	FJC	AG	FOR PUBLIC CONSULTATION No1

Client

Iarnród Éireann

Irish Rail

Date

Scale

1:1000 @ A1

1:2000 @ A3

Project Code

Issuer

ATK

Engineering Designer

ATKINS

Member of the SNC-Lavalin Group

Supported by:

rps

Drawn

Checked

Approved

JYM

FJC

AG

QMS Code

Project Title

DART + SOUTH WEST

Drawing Title

SARSFIELD ROAD BRIDGE (UBC4) & MEMORIAL ROAD BRIDGE (OBC3)
TRACK PLAN LAYOUT
PERMANENT WAY OPTION 2

Drawing File Name

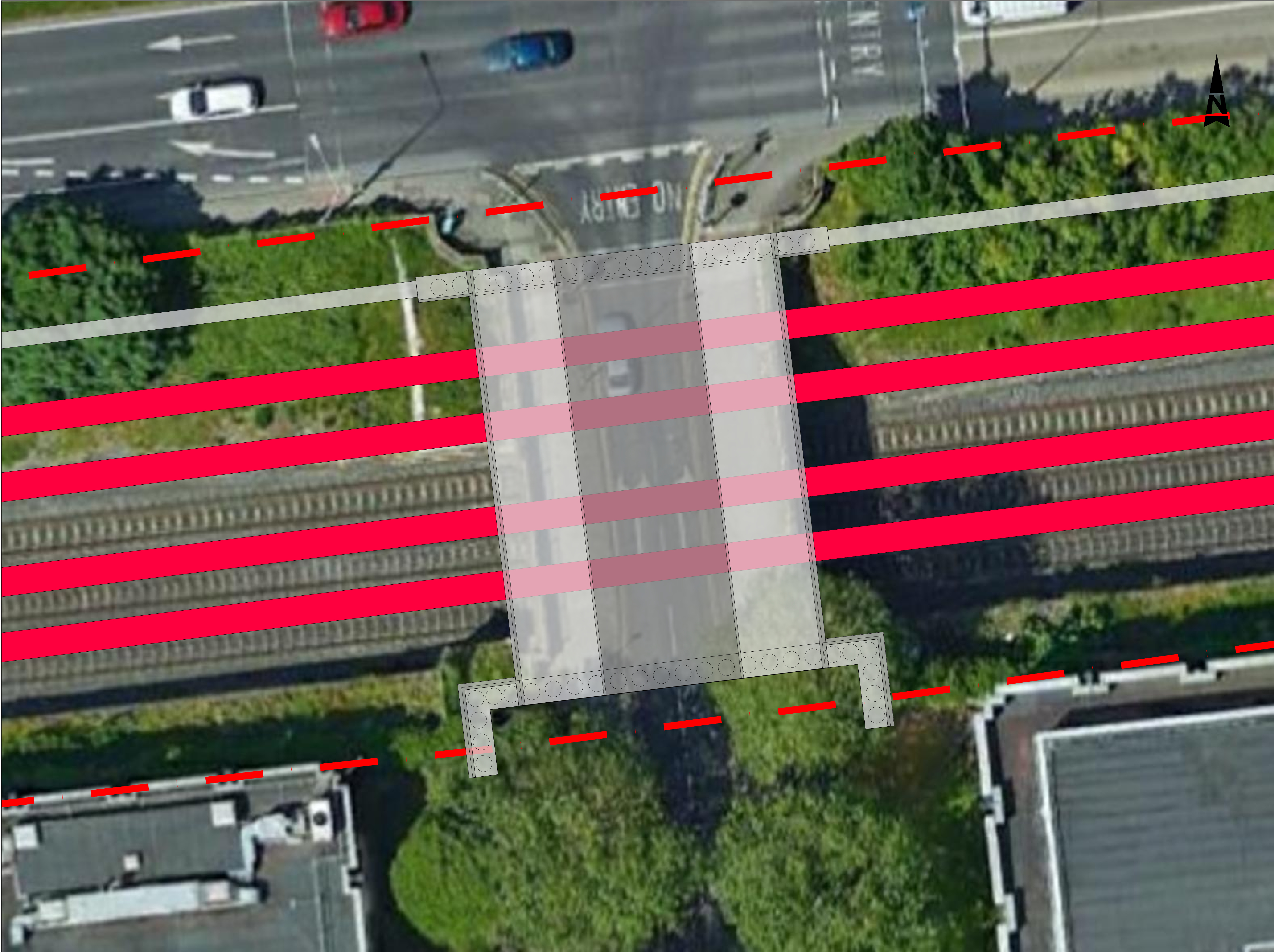
DP-04-23-DWG-PW-TTA-55831

Version

Status

V01

S3



LEGEND :-

IRISH RAIL PROPERTY
BOUNDARY

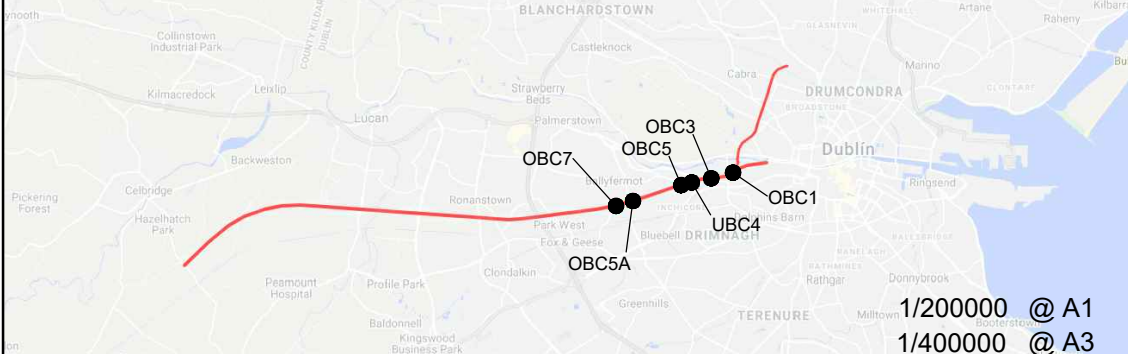
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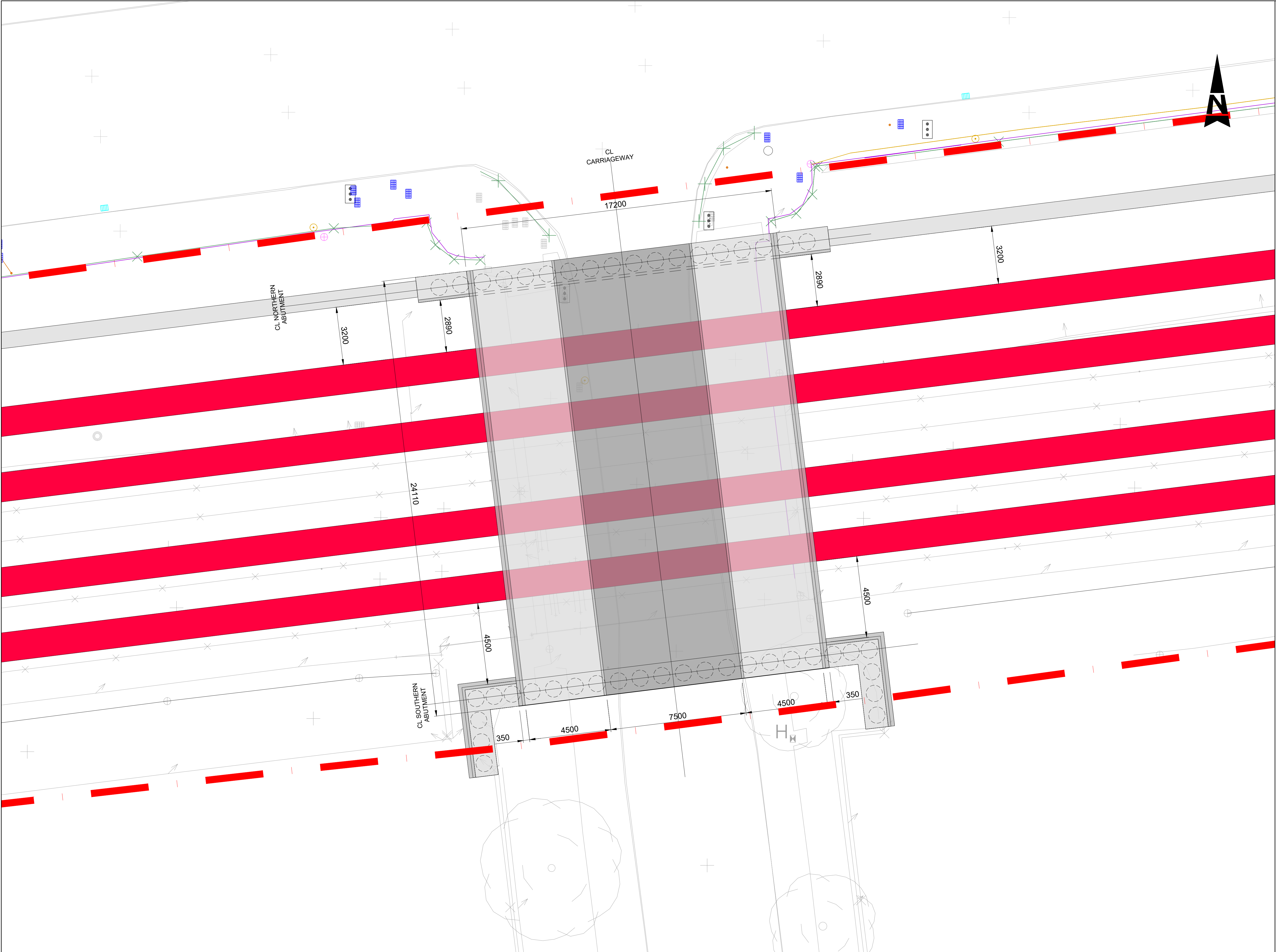


Rev	Date	Dm	Chk'd	App'd	Description
v01	21/04/2021	AOS	RM	AG	FOR PUBLIC CONSULTATION No1

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

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

Project Title	
DART+ SOUTH WEST	
Drawing Title	
MEMORIAL ROAD BRIDGE (OBC3) OPTION 6 - GENERAL ARRANGEMENT	
Drawing File Name	DP-04-23-DWG-ST-TTA-55925
Version	v01
Status	S3



LEGEND :-

IRISH RAIL PROPERTY
BOUNDARY

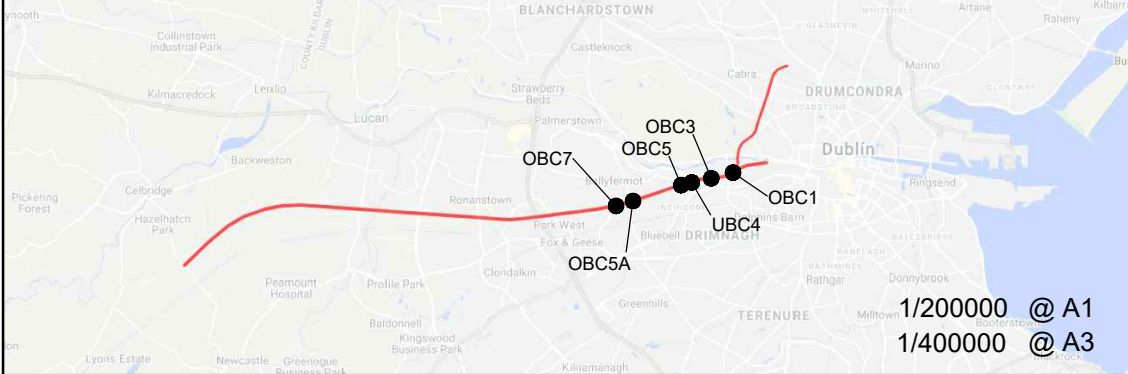
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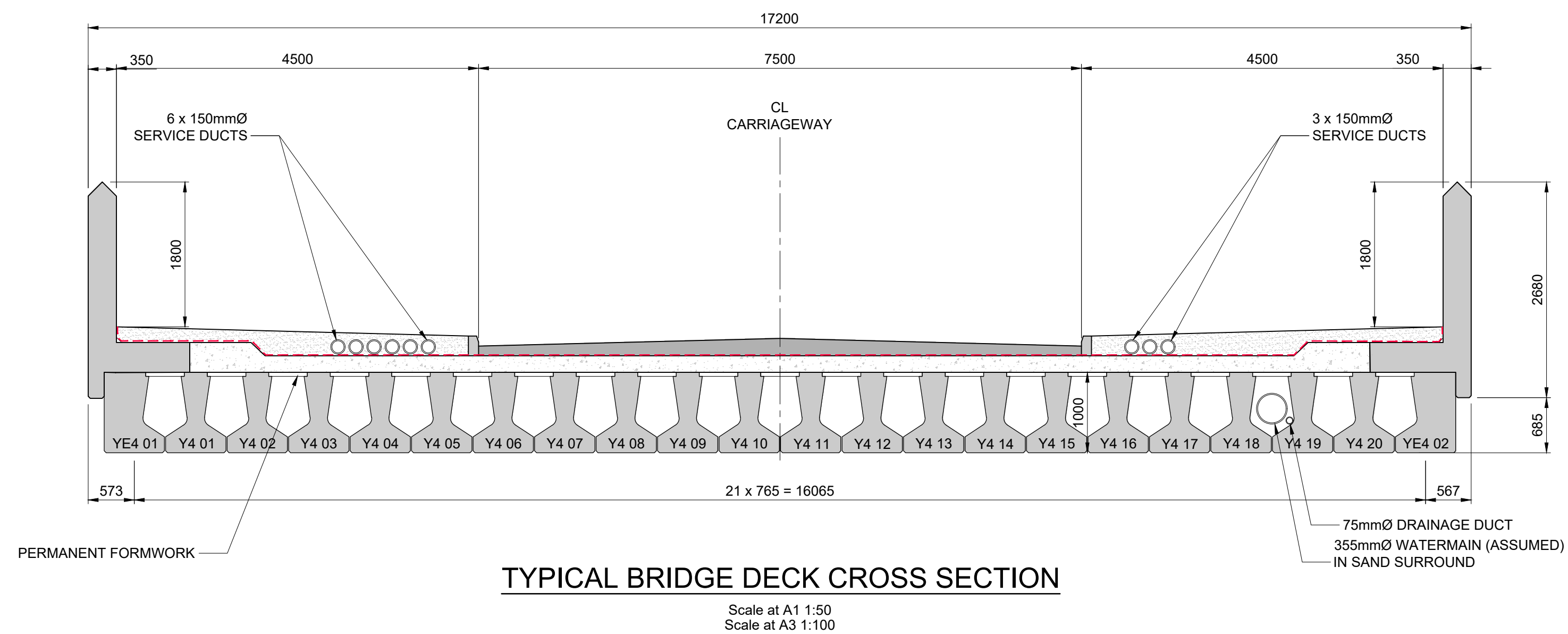
Rev	Date	Dm	Chk'd	App'd	Description
v01	21/04/21	AOS	RM	AG	FOR PUBLIC CONSULTATION No1

Client	
Iarnród Éireann Irish Rail	
Date	28/01/21
Project Code	5199586
Scale	1:100 @ A1 1:200 @ A3
Issuer	TTA

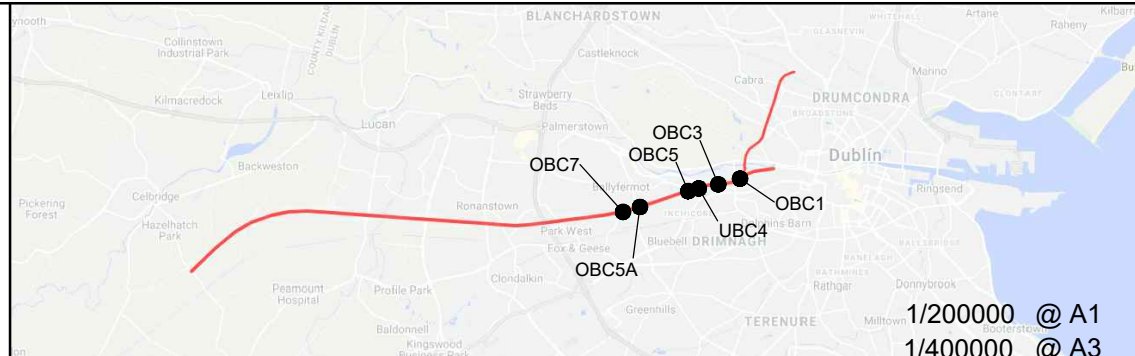
Engineering Designer		
ATKINS		
Supported by: rps		
Drawn	Checked	Approved
AOS	RM	AG
QMS Code		

Project Title	
DART+ SOUTH WEST	
Drawing Title	
MEMORIAL ROAD BRIDGE (OBC3) OPTION 6 - BRIDGE DECK PLAN	
Drawing File Name	DP-04-23-DWG-ST-TTA-55926
Version	v01
Status	S3

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Rev	Date	Drn	Chk'd	App'd	Description
01	04/04/24	ACC	RM	AC	FOR PUBLIC CONSULTATION N=1

Client	
	
Date	28/01/21
Scale	1:50 @ A1 1:100 @ A3
Project Code	ISSUER
5000500	TTA

Engineering Designer




TYPESA




ATKINS

Member of the SNC-Lavalin Group



TUC RAIL

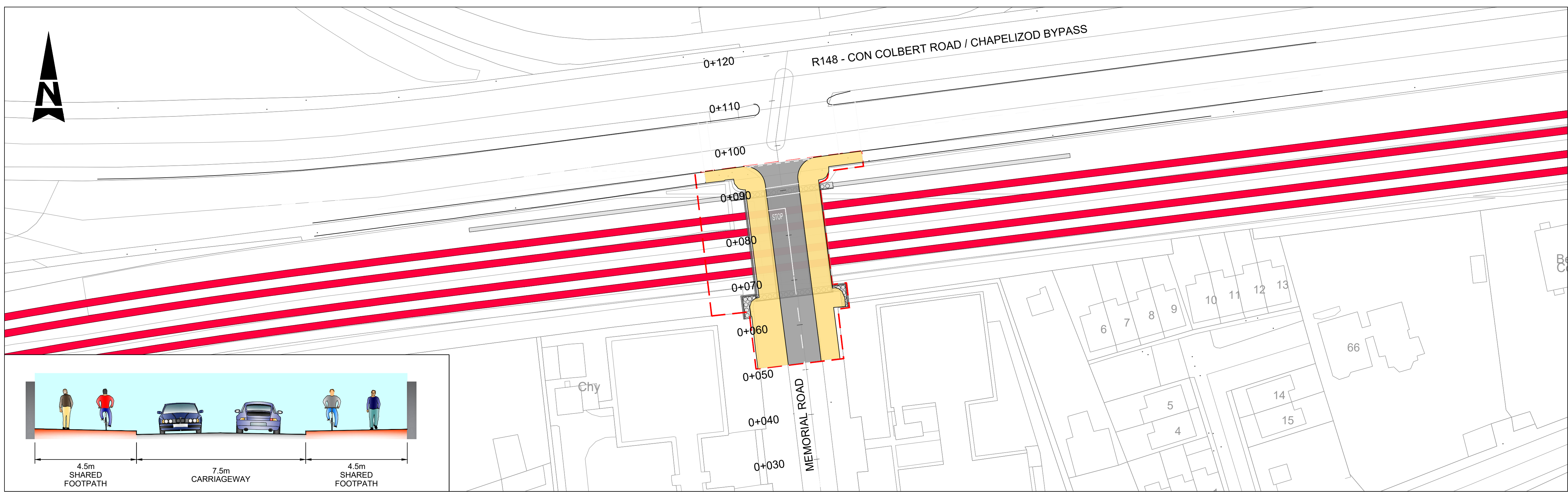
Supported by:



Drawn AOS	Checked RM	Approved AG
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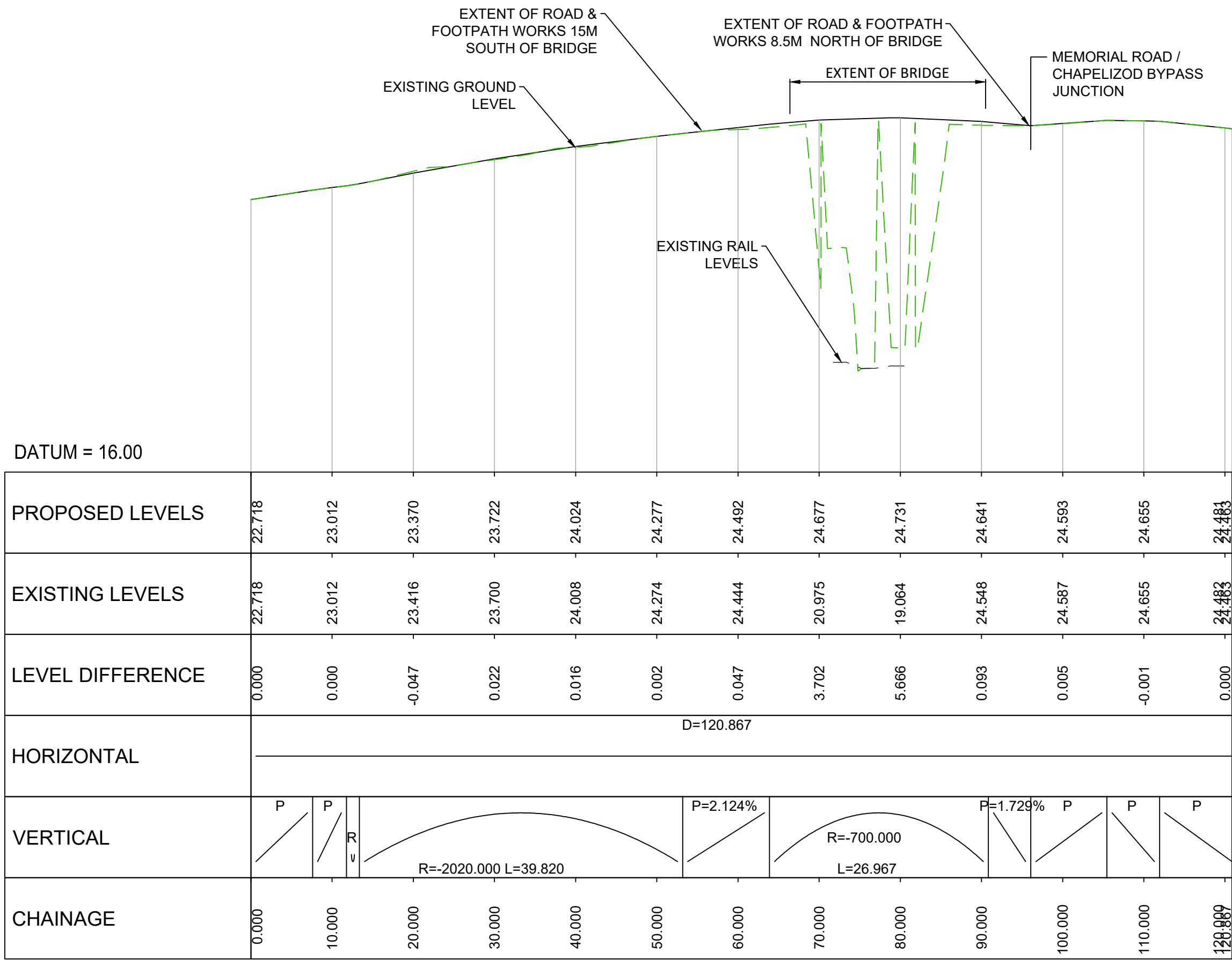
QMS Code

Project Title			
DART+ SOUTH WEST			
Drawing Title			
MEMORIAL ROAD BRIDGE (OBC3) OPTION 6 - BRIDGE DECK CROSS SECTION			
Drawing File Name		Version	Status
DP-04-23-DWG-ST-TTA-55927		04	6



TYPICAL CROSS SECTION AT STRUCTURE
SCALE 1:100

PLAN - MEMORIAL ROAD / CON COLBERT ROAD JUNCTION (OBC3)
SCALE 1:500



LONGITUDINAL SECTION - MEMORIAL ROAD BRIDGE (OBC3) - 50mm min RAISING AT BRIDGE
SCALE 1:500 Horizontal, 1:100 Vertical

LEGEND:
--- PROPOSED BOUNDARY LIMIT - PERMANENT WORKS

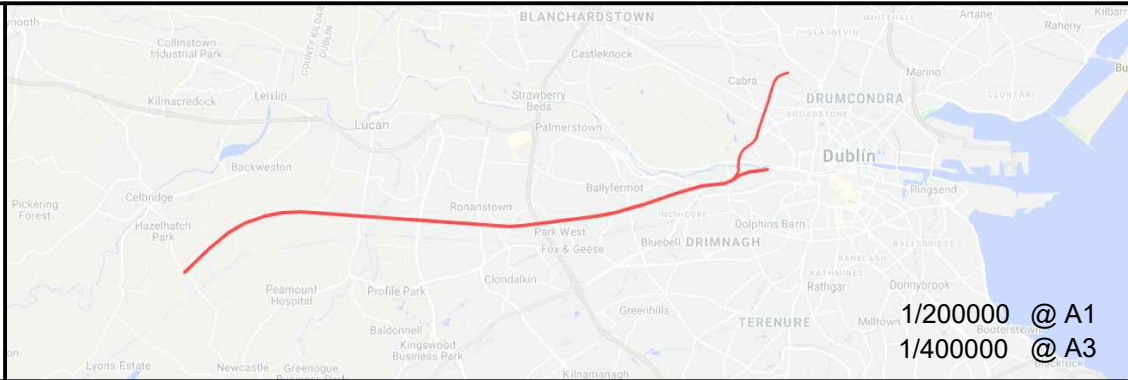
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Rev	Date	Drm	Chk'd	App'd	Description
v01	21/04/2021	DB	JX	TM	FOR PUBLIC CONSULTATION No1

Client
Iarnród Éireann
Irish Rail

Date: 10.12.20
Project Code: 5199586

Scale: AS SHOWN @ A3
Issuer: ATK

Engineering Designer
ATKINS
TYPESA Member of the SNC-Lavalin Group

Supported by: **rps**

Drawn: DB
Checked: JX
Approved: TM

QMS Code

Project Title	DART+ SOUTH WEST		
Drawing Title	MEMORIAL ROAD BRIDGE (OBC3) OPTIONS 3 & 6 PLAN AND PROFILE		
Drawing File Name	DP-04-23-DWG-CV-TTA-55276	Version	v01
Status	S3		

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