



GENERAL LAYOUT LEGEND	
<span style="color: yellow;">●</span>	MILES POST
<span style="color: yellow;">●</span> 10+200 00+000 SX XX	ACCUMULATIVE STATION POINTS
[START - END]	SECTION INFORMATION
<span style="border: 1px solid blue; display: inline-block; width: 10px; height: 10px;"></span>	FLOODING AREAS
<span style="border-bottom: 1px solid blue; display: inline-block; width: 10px;"></span>	RUNNING LINES
<span style="border-bottom: 1px solid red; display: inline-block; width: 10px;"></span>	PROPOSED TRACKWORK ON BALLAST
<span style="border-bottom: 1px solid green; display: inline-block; width: 10px;"></span>	TRACKWORK TO SLEW/ TO BE REMOVED
<span style="border-bottom: 1px solid grey; display: inline-block; width: 10px;"></span>	FLOOD PROTECTION SLAB
<span style="border-bottom: 1px solid red; display: inline-block; width: 10px;"></span> PK-PTX	NEW TRACK EQUIPMENT
<span style="background-color: blue; color: white; padding: 2px;">XXX XXX</span>	EXISTING OVERBRIDGE
<span style="background-color: cyan; color: black; padding: 2px;">XXX XXX</span>	OVERBRIDGE REBUILD/LIFTING
<span style="background-color: green; color: black; padding: 2px;">XXX XXX</span>	OVERBRIDGE/LEVEL CROSSING TO BE REMOVED
<span style="background-color: red; color: black; padding: 2px;">XXX XXX</span>	PROPOSED ROAD/PEDESTRIAN BRIDGE
<span style="background-color: purple; color: white; padding: 2px;">XXX XXX</span>	EXISTING UNDERBRIDGE
<span style="background-color: orange; color: black; padding: 2px;">XXX XXX</span>	UNDERBRIDGE REBUILD/LIFTING
<span style="background-color: grey; color: black; padding: 2px;">XXX XXX</span>	TRANSITION SLAB

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
1.0	JAN 2026	Suitable for Review & Comment	JSA	MRI	CCH

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Project

Drawing Title: JACKSON'S BRIDGE (OBG23) MCA ALTERNATIVE 3 LAYOUT

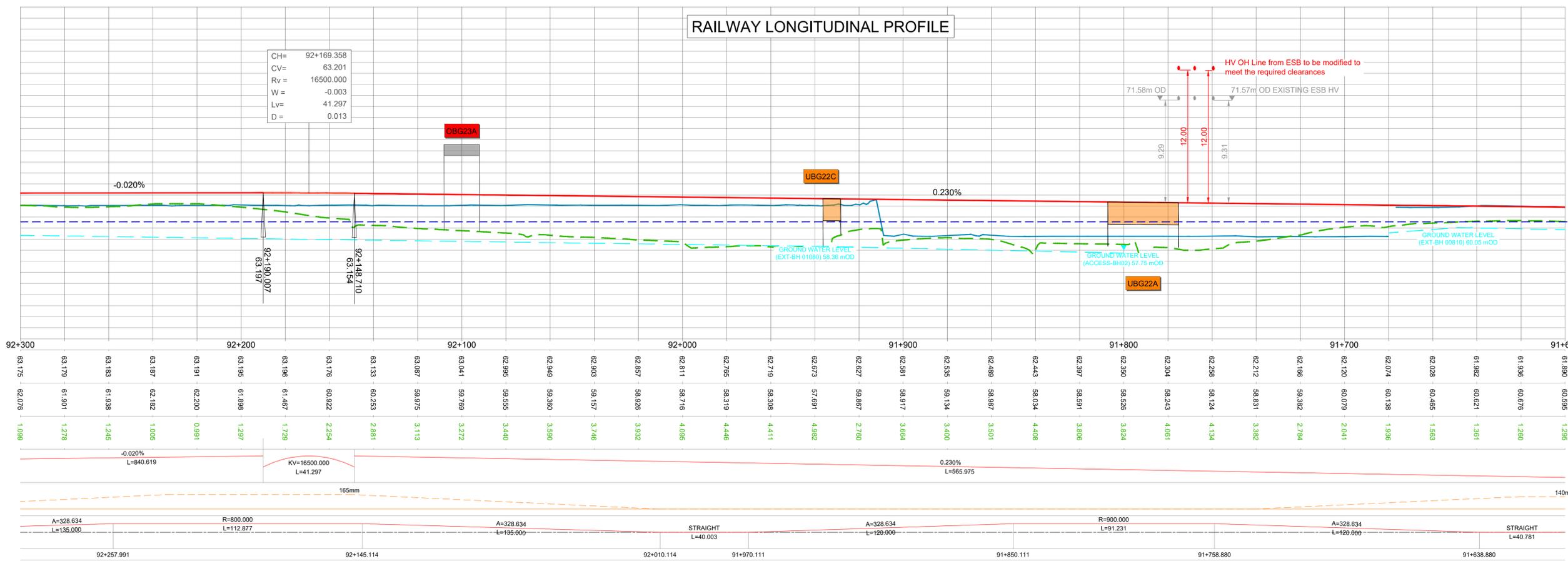
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Drawing Number: DART DEP 005 DR IDOM CE 0030

Date: JANUARY 2026 Job No: P/104350 Status: S3 Version: 1.0 Sheet: 1 of 1

### RAILWAY LONGITUDINAL PROFILE

CH= 92+169.358  
 CV= 63.201  
 Rv= 16500.000  
 W = -0.003  
 Lv= 41.297  
 D = 0.013



- PROFILES LEGEND**
- T.O.R. Design
  - Current T.O.R./Ground
  - 0.1% AEP Standard Protection
  - Royal Canal
  - Existing Crossover/Turnout
  - Proposed Crossover/Turnout
  - Flood Protection
  - ESB HV Overhead existing
  - ESB HV Overhead removed

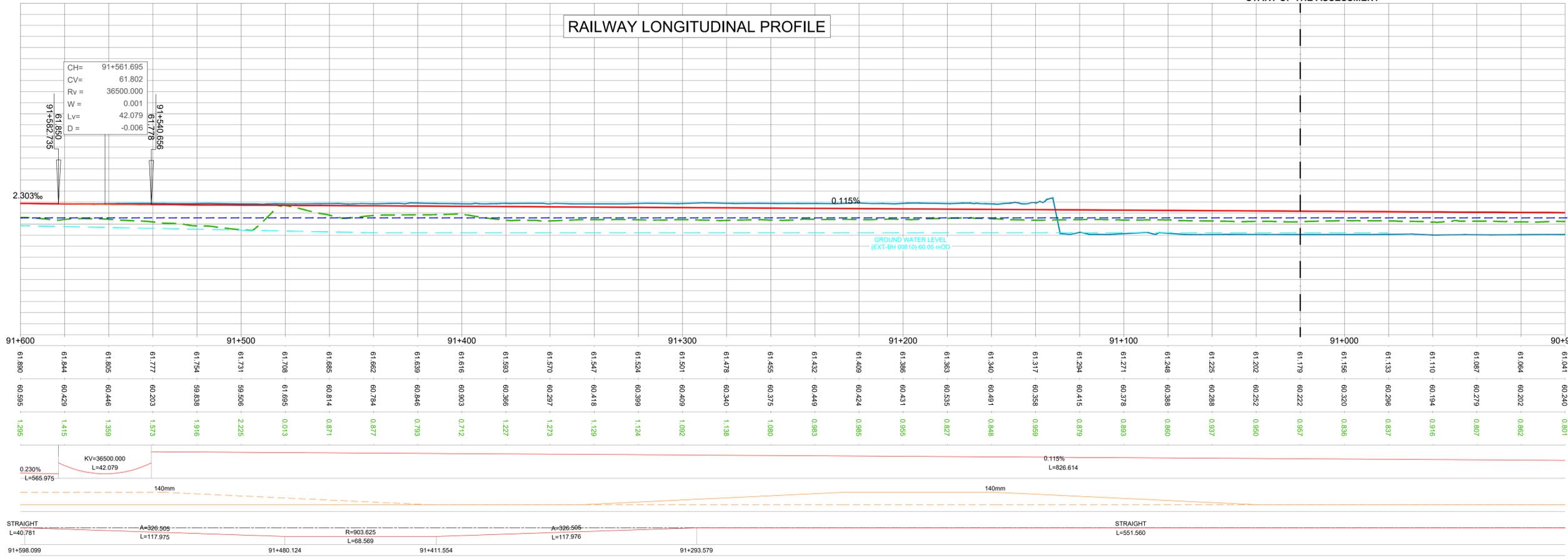
50.000

HS 1:1000 VS 1:200

CHAINAGE	LEVEL
T.O.R. DESIGN	
CURRENT T.O.R.	
CUT / FILL DEPTHS	
VERTICAL	
CANT	
HORIZONTAL	

### RAILWAY LONGITUDINAL PROFILE

CH= 91+561.695  
 CV= 61.802  
 Rv= 36500.000  
 W = 0.001  
 Lv= 42.079  
 D = -0.006



- PROFILES LEGEND**
- T.O.R. Design
  - Current T.O.R./Ground
  - 0.1% AEP Standard Protection
  - Royal Canal
  - Existing Crossover/Turnout
  - Proposed Crossover/Turnout
  - Flood Protection
  - ESB HV Overhead existing
  - ESB HV Overhead removed

50.000

HS 1:1000 VS 1:200

CHAINAGE	LEVEL
T.O.R. DESIGN	
CURRENT T.O.R.	
CUT / FILL DEPTHS	
VERTICAL	
CANT	
HORIZONTAL	

1.0	JAN 2026	Suitable for Review & Comment	JSA	MRI	CCH
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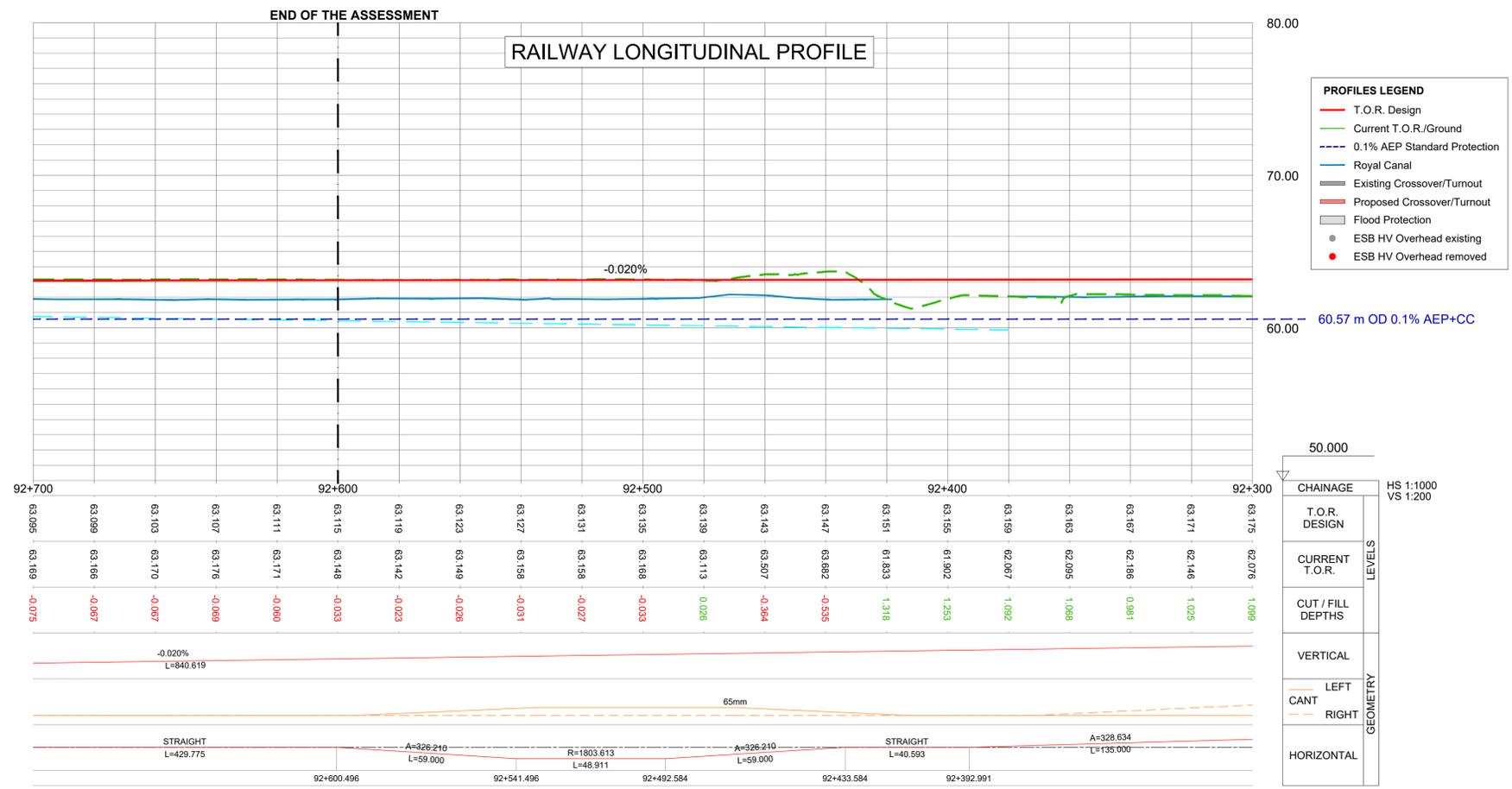
Project: JACKSON'S BRIDGE (OBG23) MCA ALTERNATIVE 3 LONGITUDINAL PROFILES

Drawing Title: JACKSON'S BRIDGE (OBG23) MCA ALTERNATIVE 3 LONGITUDINAL PROFILES

Scale: H 1:1000@A1 - V 1:200@A1

Drawing Number: DART DEP 005 DR IDOM CE 0031

Date: JANUARY 2026 Job No: P/104350 Status: S3 Version: 1.0 Sheet: 1 of 2



- PROFILES LEGEND**
- T.O.R. Design
  - Current T.O.R./Ground
  - - - 0.1% AEP Standard Protection
  - Royal Canal
  - Existing Crossover/Turnout
  - Proposed Crossover/Turnout
  - Flood Protection
  - ESB HV Overhead existing
  - ESB HV Overhead removed

50.000	CHAINAGE T.O.R. DESIGN CURRENT T.O.R. CUT / FILL DEPTHS VERTICAL CANT HORIZONTAL	LEVEL GEOMETRY	HS 1:1000 VS 1:200
60.000			

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Consultant

Órdán Náisiúnta Iompair  
 National Transport Authority

Iarnród Éireann

DART+ West

IDOM

PROD  
 ROUGHAN & O'DONOVAN

Project

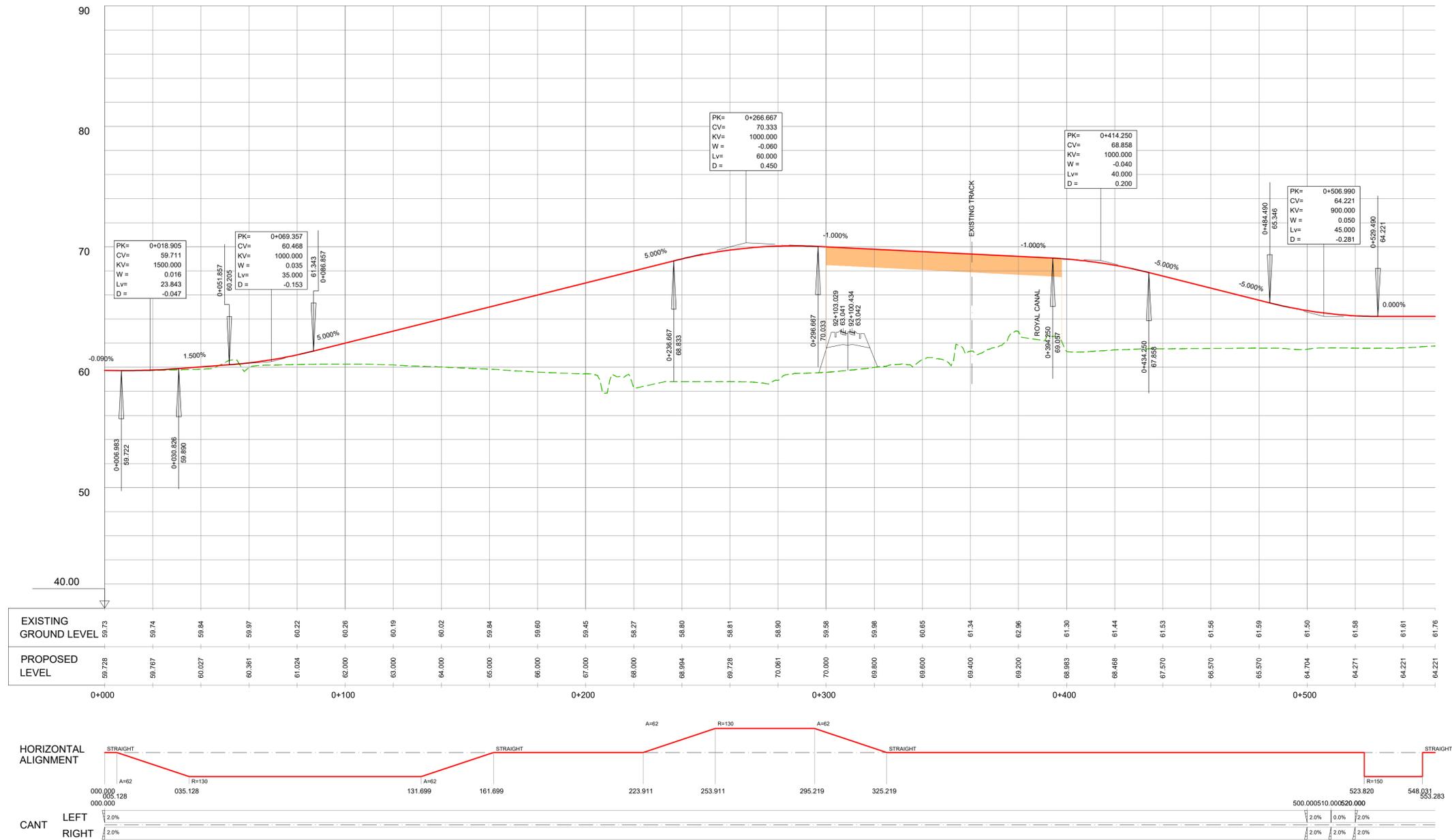
DART+ Depot

Drawing Title

**JACKSON'S BRIDGE (OBG23) MCA  
ALTERNATIVE 3  
LONGITUDINAL PROFILES**

Scale: H 1:1000@A1 - V 1:200@A1	Drawing Number DART DEP 005	Project   Subproject   Element or System   Type   Originator   Project Role   Number DR IDOM CE 0031	Date: JANUARY 2026	Job No: P/104350	Status: S3	Version: 1.0	Sheet: 2 of 2
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# L5041 DIVERSION



1.0	JAN 2026	Suitable for Review & Comment	JSA	MRI	CCH
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Project

Drawing Title

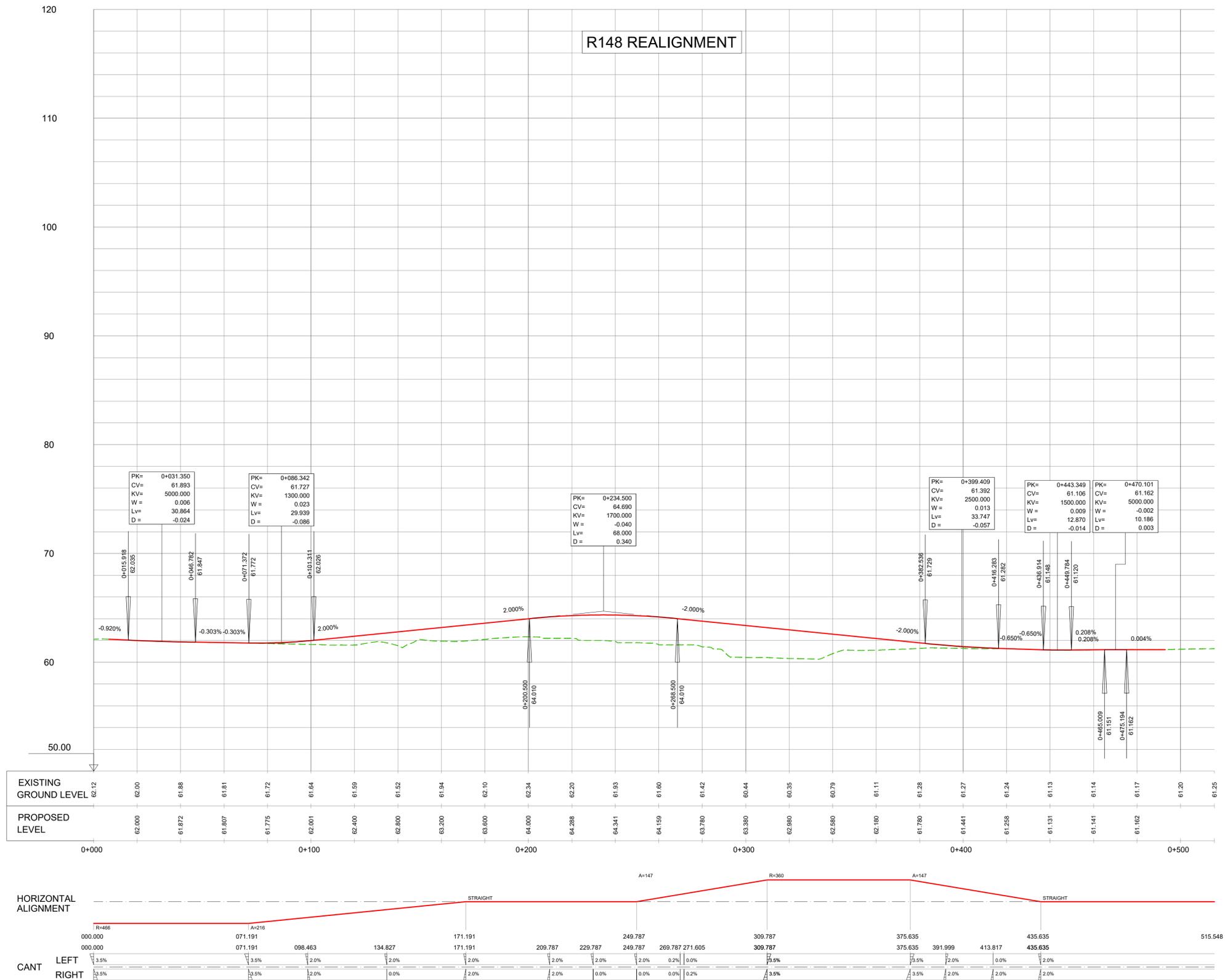
JACKSON'S BRIDGE (OBG23) MCA  
ALTERNATIVE 3  
LONGITUDINAL PROFILES

Scale: H 1:1000@A1 - V 1:200@A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 005 DR IDOM CE 0031

Date: JANUARY 2026 Job No: P/104350 Status: S3 Version: 1.0 Sheet: 2 of 2



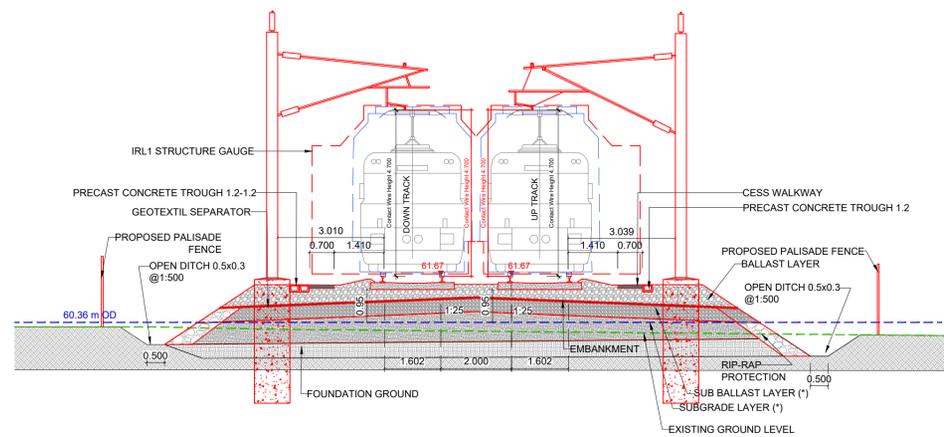
REV.	DATE	Suitable for Review & Comment	JSA	MRI	CCH
1.0	JAN 2026				
PRODUCED BY			REVIEWED BY		

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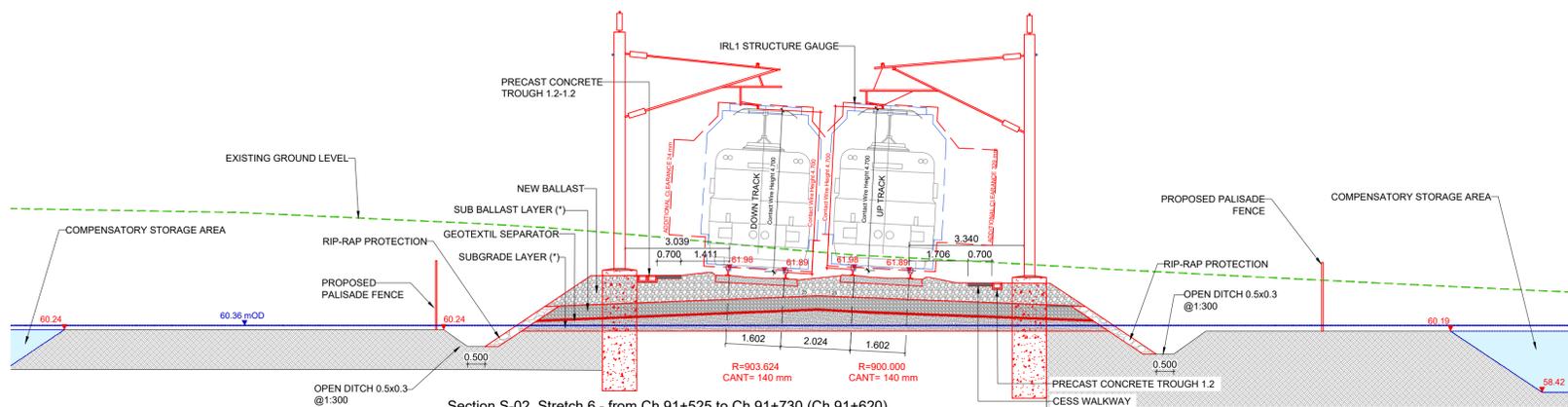
Consultant

Órdán Náisiúnta Iompair  
National Transport Authority

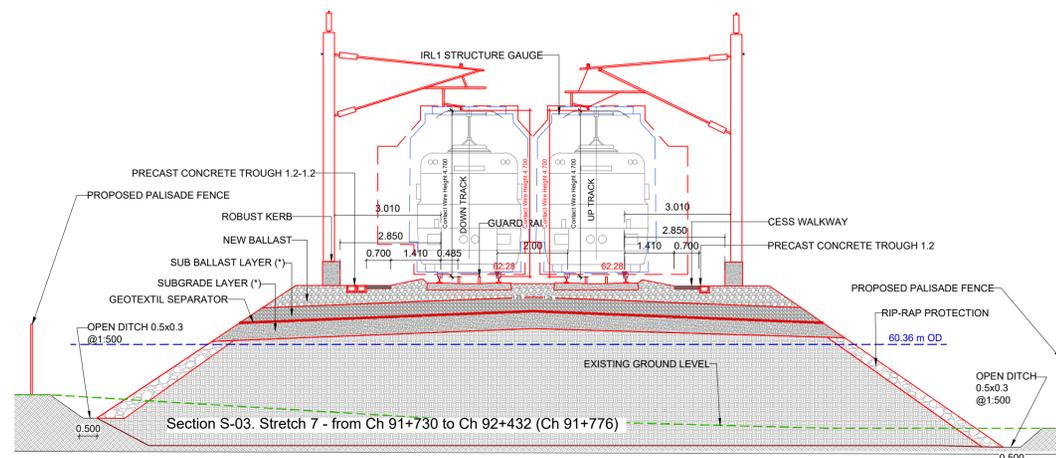
Project		Drawing Title	
JACKSON'S BRIDGE (OBG23) MCA ALTERNATIVE 3 LONGITUDINAL PROFILES		DART DEP 005 DR IDOM CE 0031	
Scale: H 1:1000@A1 - V 1:200@A1	Drawing Number	Project   Subproject   Element or System   Type   Originator   Project Role   Number	Date: JANUARY 2026
	JANUARY 2026	Job No: P/104350	Status: S3
		Version: 1.0	Sheet: 2 of 2



Section S-01. Stretch 5 - from Ch 90+820 to Ch 91+525 (Ch 91+451)



Section S-02. Stretch 6 - from Ch 91+525 to Ch 91+730 (Ch 91+620)



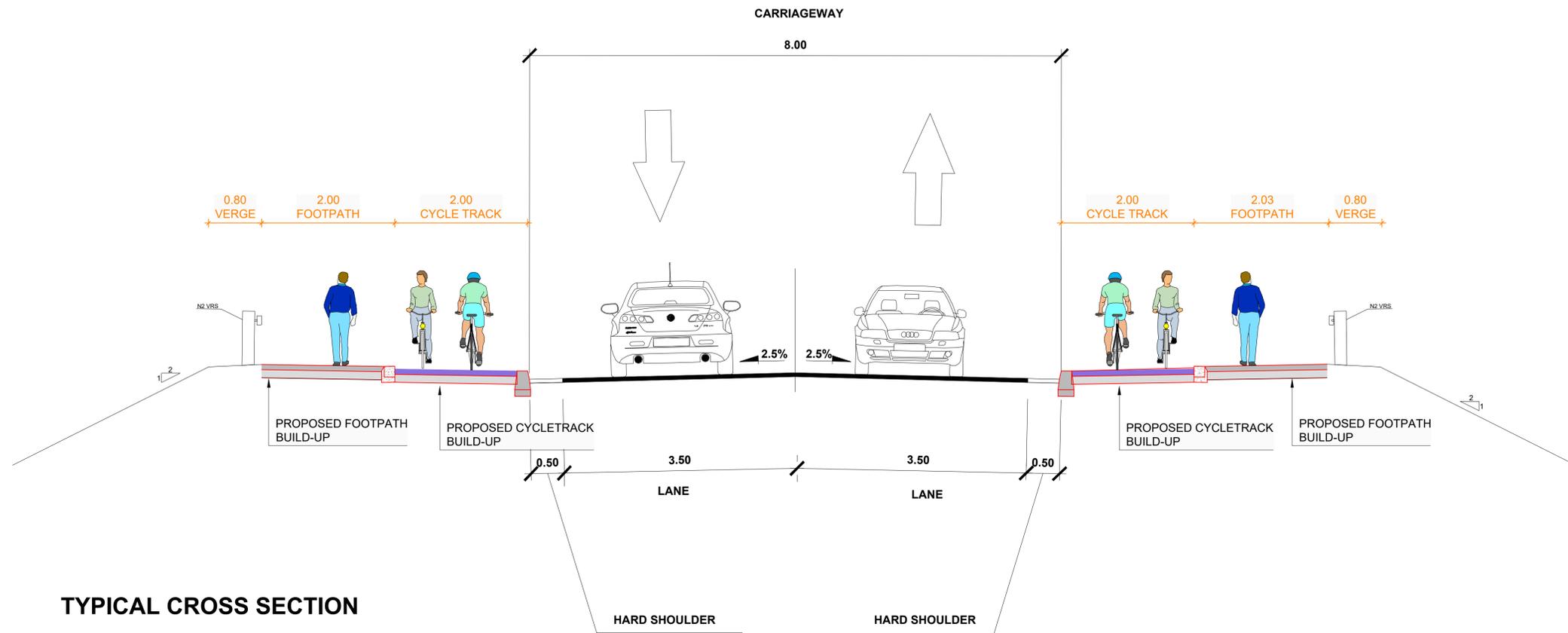
Section S-03. Stretch 7 - from Ch 91+730 to Ch 92+432 (Ch 91+776)

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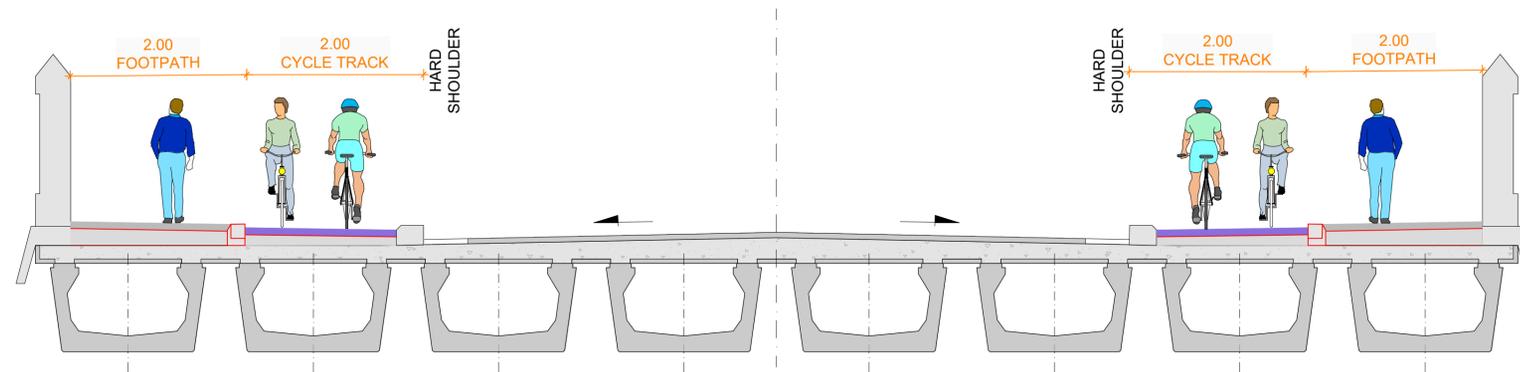
Project

Drawing Title		JACKSON'S BRIDGE (OBG23) MCA ALTERNATIVE 3 RAILWAY CROSS SECTIONS			
Scale: 1:100 @A1	Drawing Number	Project	Subproject	Element or System	Type   Originator   Project Role   Number
	DART DEP 005	DR	IDOM	CE	0032
Date: JANUARY 2026	Job No: P/104350	Status:	S3	Version: 1.0	Sheet: 1 of 2



**TYPICAL CROSS SECTION**

**ESCALE 1:40**



**BRIDGE CROSS SECTION**

**ESCALE 1:40**

REV.	DATE	Suitable for Review & Comment	JSA	MRI	CCH
1.0	JAN 2026				

Project

Drawing Title		JACKSON'S BRIDGE (OBG23) MCA ALTERNATIVE 3 L5041 CROSS SECTIONS			
Scale: 1:100 @A1	Drawing Number	Project	Subproject	Element or System	Type   Originator   Project Role   Number
	DART DEP	005	DR	IDOM	CE 0032
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