

CURRENT STATE. ELEVATION  
SCALE: 1:100

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH

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 Survey No: 6039720 (OS Aerial Data or OS Lidar Data) & Survey No: 2020/OS\_LMA\_180 (OS Vector Data).  
 All elevations are in metres and relate to OS Geoid Model (OSGM02). Main Head as defined by existing Project Control.  
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OS active GPS station Tallaght College (TLG).

Client

Consultant

Project

Drawing Title

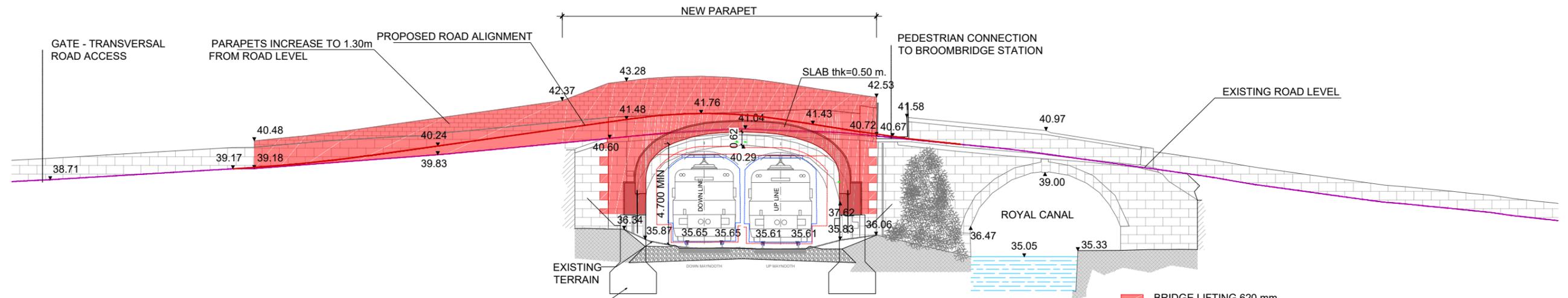
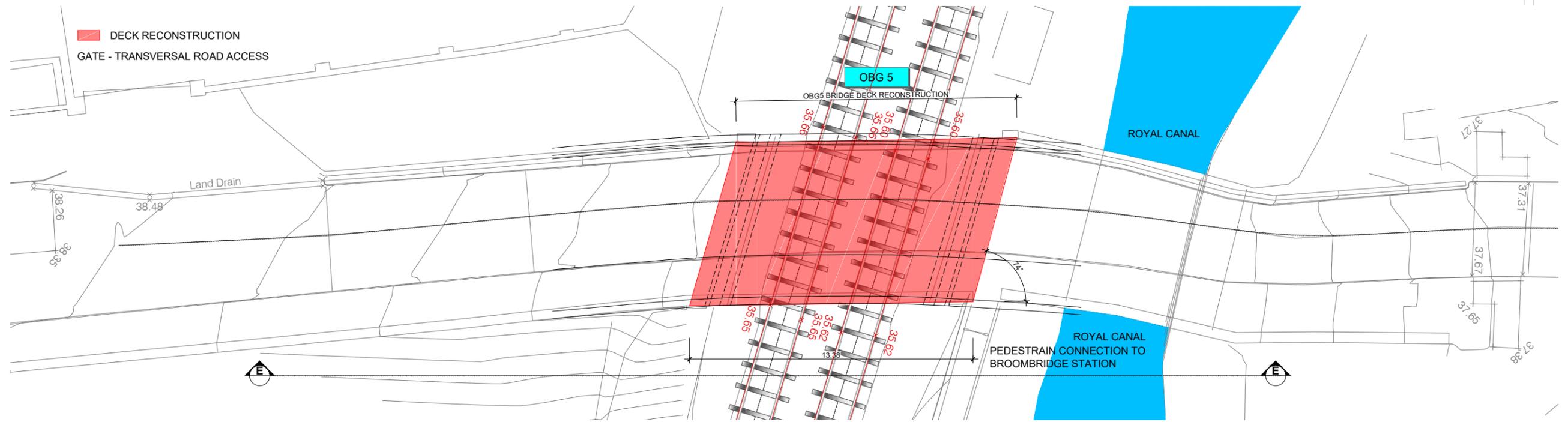
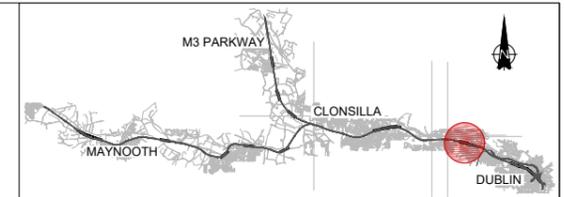
STRUCTURE DESIGN  
OBG5. BRIDGE DECK RECONSTRUCTION  
CURRENT STATE

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

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY MDC STR RS05 DR C 0002 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 1 of 4



FINAL STATE. ELEVATION  
SCALE: 1:100

EXPECTED FOUNDATION  
GEOMETRY AND LEVEL TO  
BE PROVIDED ON RECEIPT  
OF GEOTECHNICAL  
INVESTIGATION REPORT

BRIDGE LIFTING 620 mm  
ROAD LEVEL LIFTING 670 mm  
TO REACH 4.4 m CONTACT WIRE HEIGHT BRINGING THE MESSENGER WIRE  
TO THE CONTACT WIRE LEVEL

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Client

Consultant

Project

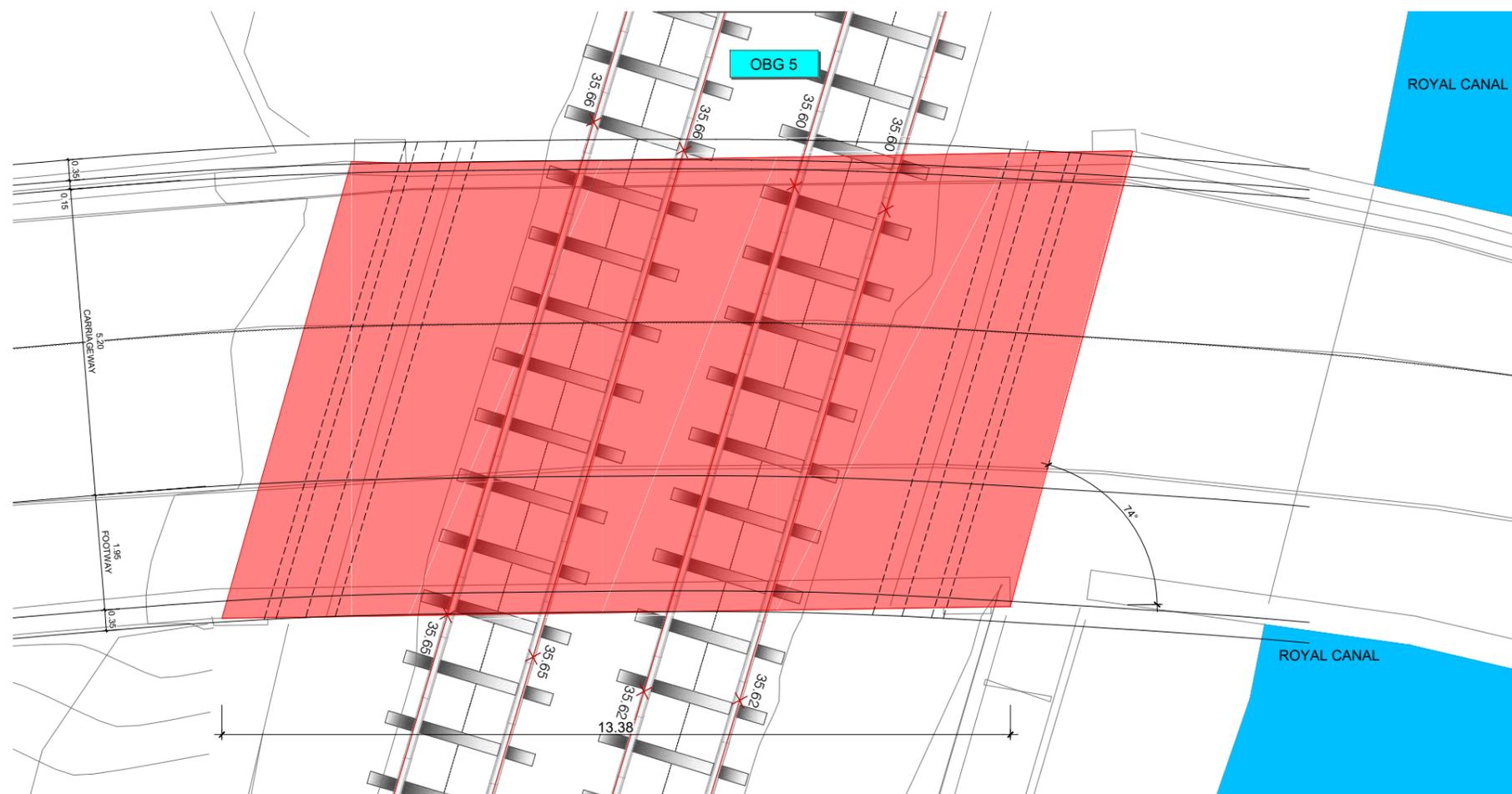
Drawing Title

STRUCTURE DESIGN  
OBG5. BRIDGE DECK RECONSTRUCTION  
FINAL STATE

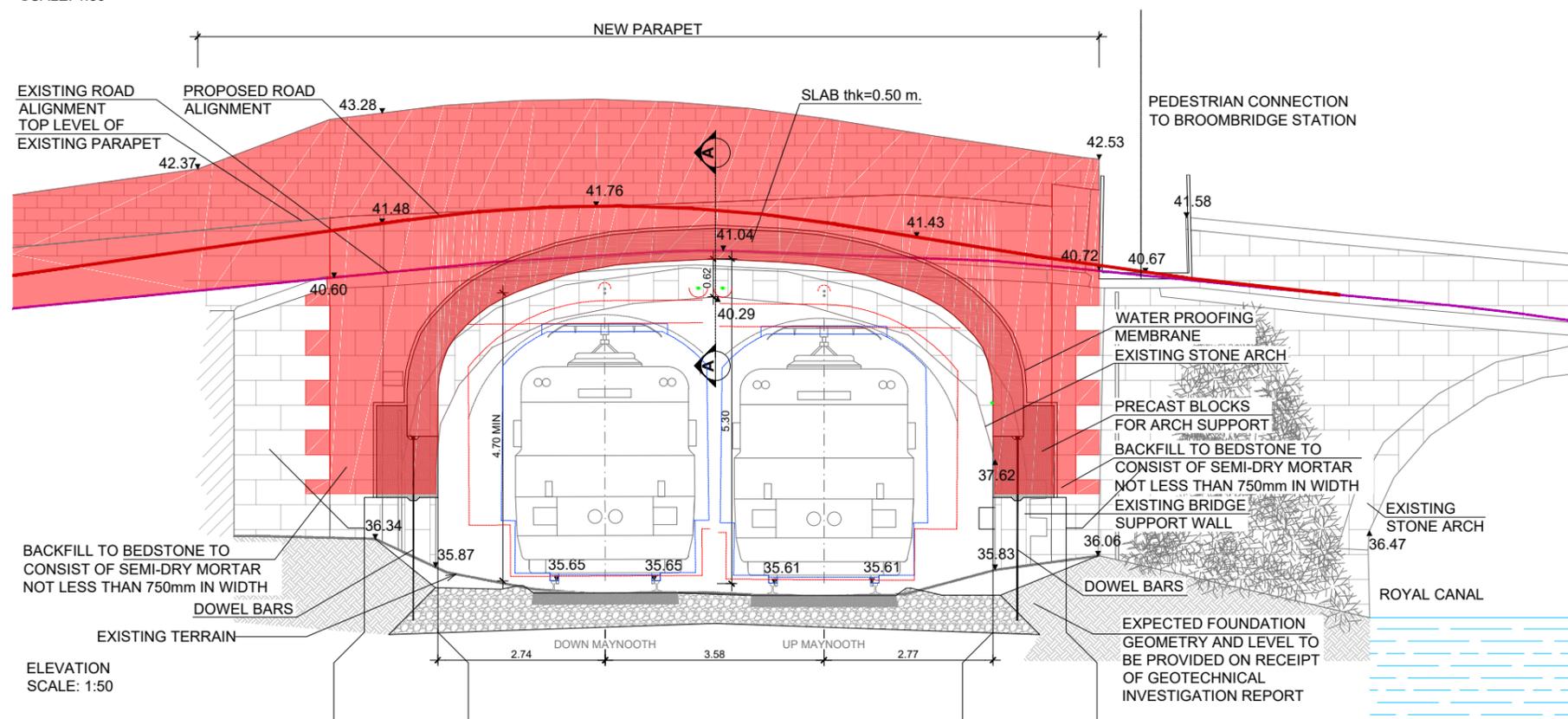
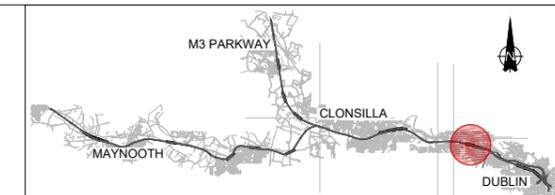
Scale:  
1:1000 @ A1 1:2000 @ A3

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MAY MDC STR RS05 DR C 0002 D

Date: April 2022 | Job No: P/101086 | Status: F1-Approved & accepted | Rev: V01 | Sheet: 2 of 4



PLAN  
SCALE: 1:50



ELEVATION  
SCALE: 1:50

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Client

Tionscald Éireann  
Project Ireland  
2040

NTA  
Údarás Náisiúnta Iompartha  
National Transport Authority

lamród Éireann  
Irish Rail

Consultant

IDOM

G3

IROD  
EORIGIAN & O'DONOVAN

Project

DART+  
West

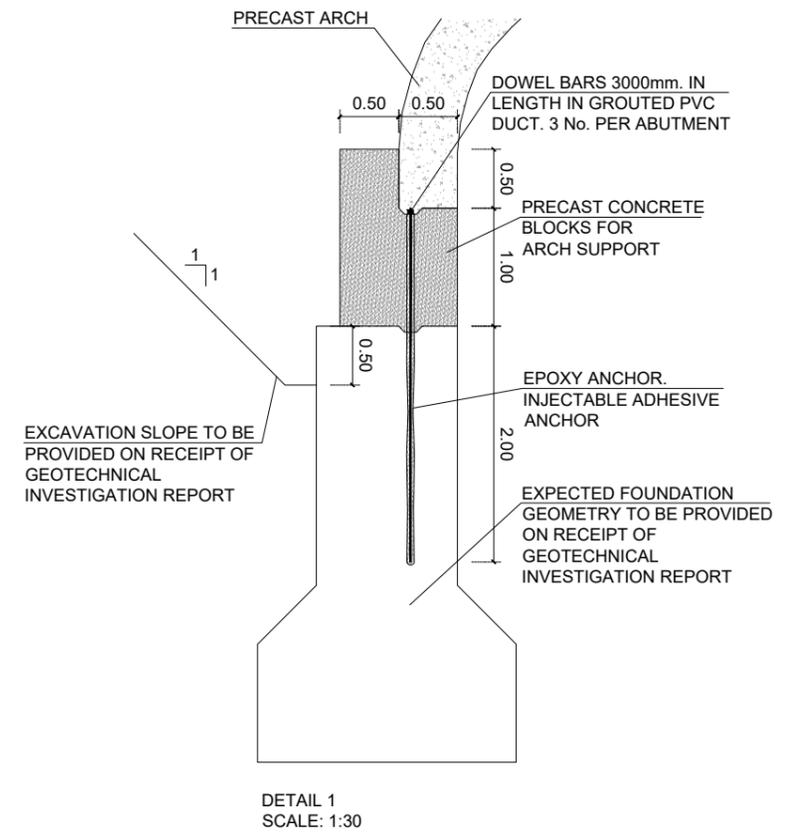
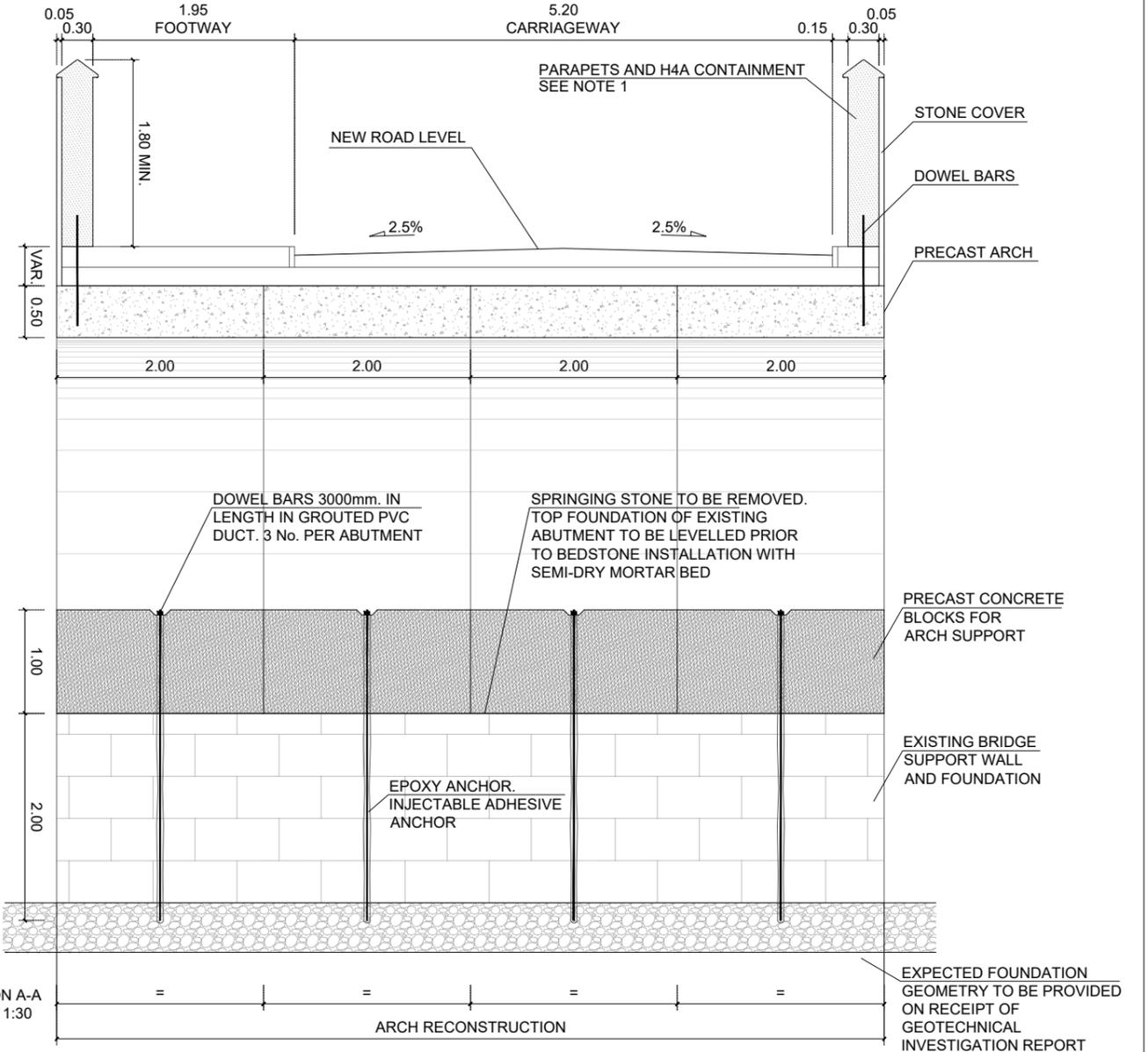
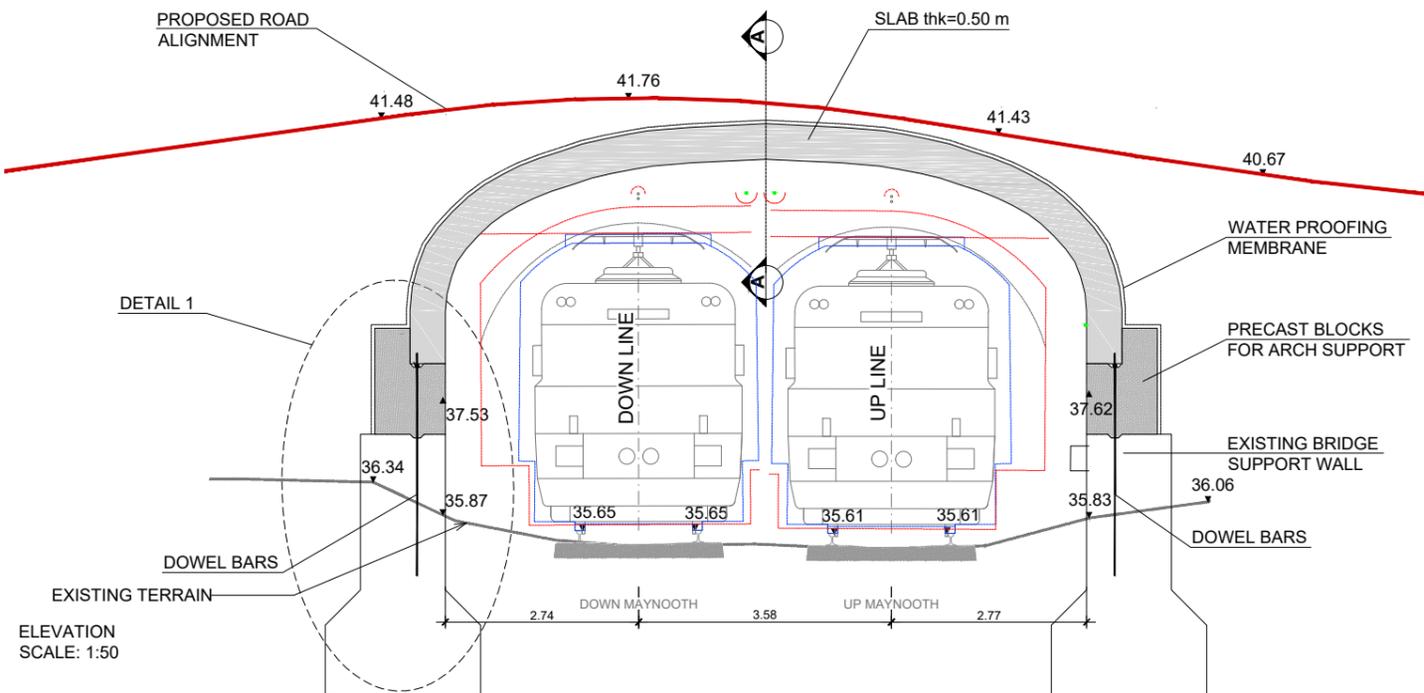
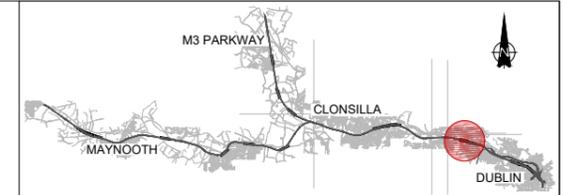
Drawing Title

STRUCTURE DESIGN  
OBG5. BRIDGE DECK RECONSTRUCTION  
FINAL STATE DETAIL

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

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MAY MDC STR RS05 DR C 0002 D

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NOTE 1: THE PARAPET WILL BE REBUILT TO ITS EXISTING HEIGHT AND REFACED WITH ORIGINAL STONE, THEN THE REQUIRED INCREASE IN HEIGHT TO ACHIEVE THE 1.8M OVER THE RAILWAY WILL BE A CONTEMPORARY SOLUTION TO BE AGREED WITH THE CONSERVATION ARCHITECT

REV	DATE	DESCRIPTION	EAC	ACJ	CCH
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PRODUCED BY			APPROVED BY		

Client: Tionscald Eireann Project Ireland 2040, NTA, Iarnród Eireann Irish Rail

Consultant: IDOM, G3, IROD

Project: DART+ West

Drawing Title: STRUCTURE DESIGN, OBG5. BRIDGE DECK RECONSTRUCTION, STRUCTURAL DESIGN DETAIL

Scale: 1:1000 @ A1, 1:2000 @ A3

Drawing Number: MAY MDC STR RS05 DR C 0002 D

Date: April 2022, Job No: P/101086, Status: F1-Approved & accepted, Rev: V01, Sheet: 4 of 4

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