

CURRENT STATE. ELEVATION SCALE: 1:100

V06 28/01/2022 STRUCTURE DETAIL ADDED ACJ CCH Client V01 April 2022 PLANNING ISSUE

REV. DATE DESCRIPTION

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All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Consultant

Project Ireland 2040

IDOM



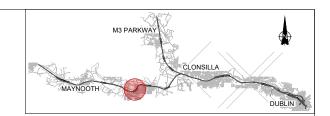


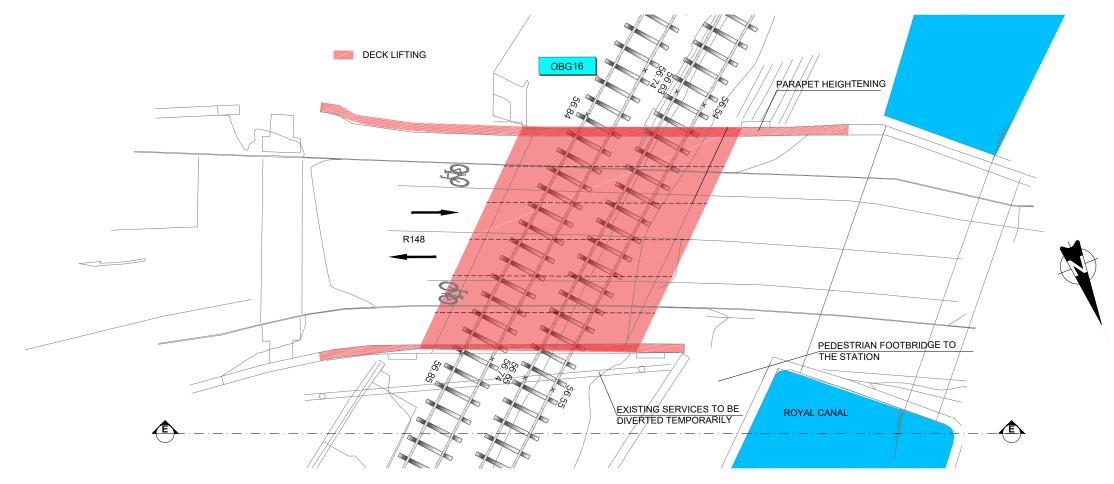
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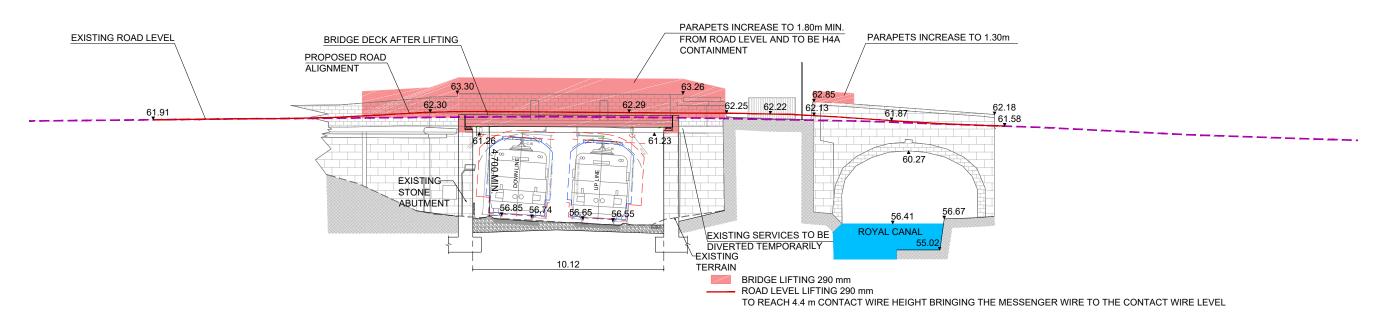


Drawing Title	STRUCTURE DESIGN OBG16. BRIDGE DECK HEAVY LIFTING
	OBG 10. BRIDGE DECK HEAVT LIFTING
	CURRENT STATE

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase 1:1000 @ A1 1:2000 @ A3 MAY MDC STR RS13 DR C 0002 D Status: F1-Approved & accepted Rev: V01 Sheet: 1 of 5 INDICATED



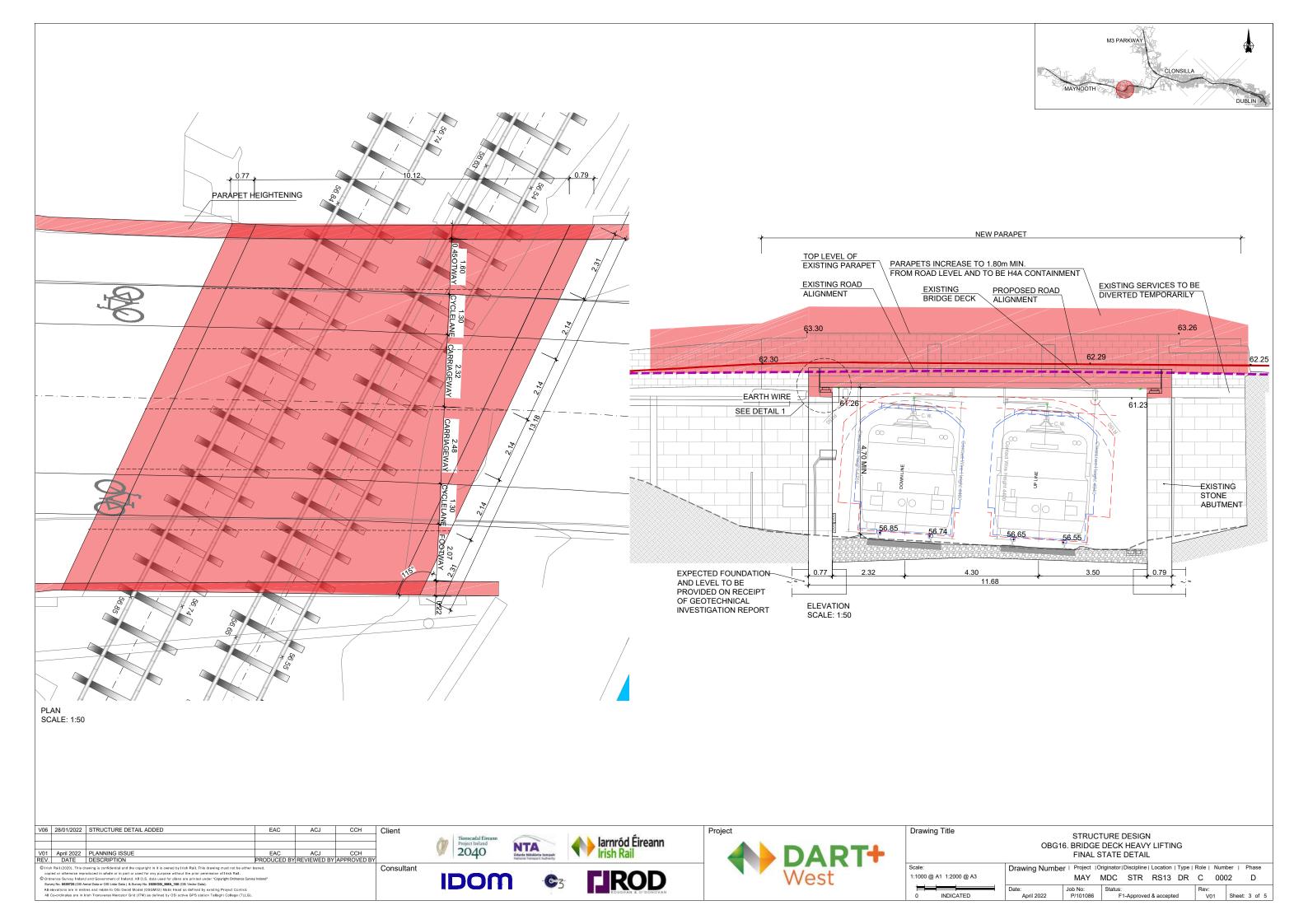


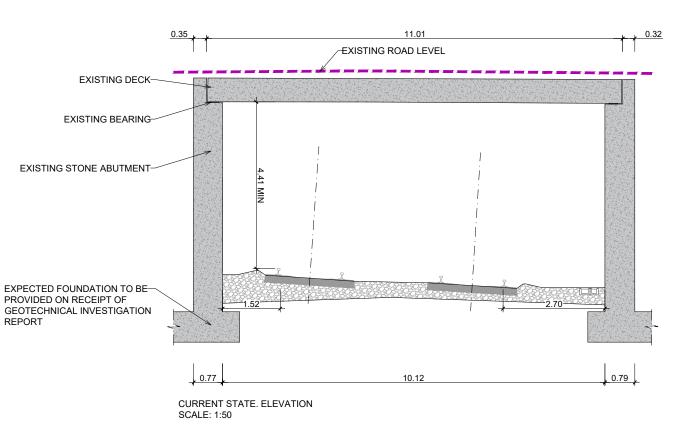


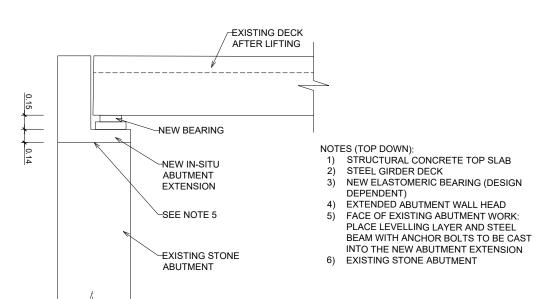
FINAL STATE. ELEVATION

SCALE: 1:100

V06 V01 REV.	28/01/2022 STRUCTURE DETAIL ADDED April 2022 PLANNING ISSUE DATE DESCRIPTION	EAC PRODUCED BY	ACJ ACJ REVIEWED BY	CCH CCH APPROVED E	Client	Tionscadal Éireann Project Ireland 2040	NTA Udarás Nálslúnta lompair National flareport Authority	larnród Éireann Irish Rail	Project DART+	Drawing Title STRUCTURE DESIGN OBG16. BRIDGE DECK HEAVY LIFTING FINAL STATE				
© Ord Sur All	In Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not to its of or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Ranance Survey Instant and Government of Irish Ran 18. State used for plasm are printed under Copyright Order, wey No. 093720 (OSI Arish Data or OSI Lider Data) & Survey No. 2930730 (MMA_180 (OSI Vector Data). Beleavations are in inverse and relate to OSI Globid Model (OSI MODIA) MIAI Had (OSI Vector Data). Co-criticales are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College	tail. Inance Survey Ireland* Control.			Consultant	IDOM	© 3	LROD ROBGRAN & D'HONGVAN	West	Scale: 1:1000 @ A1 1:2000 @ A3 0 INDICATED	Drawing Number Pro M/ M/ Date: Job No April 2022 P/10	AY MDC STR RS13 DR	C 000	002 D Sheet: 2 of 5



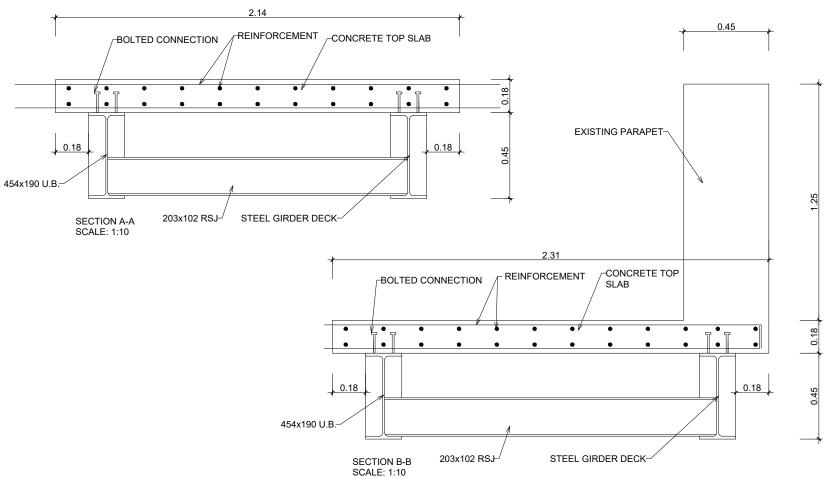




Client

DETAIL 1. CONNECTION BETWEEN THE DECK AND EXISTING ABUTMENT

SCALE: 1:20



FINAL STATE. ELEVATION SCALE: 1:50







EXISTING DECK-

AFTER LIFTING

NEW BEARING

NEW ABUTMENT EXTENSION-

EXISTING STONE ABUTMENT-

EXPECTED FOUNDATION TO BE-

GEOTECHNICAL INVESTIGATION

PROVIDED ON RECEIPT OF

DETAIL 1



11.01

10.12

PROPOSED ROAD

ALIGNMENT

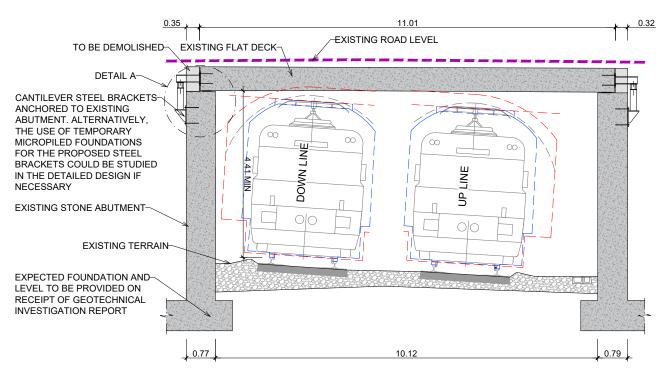
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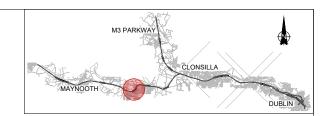
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All co-criticalises are in Irish Transverse Mercator Grin (ITIN) as defined by OSI active OFDs station Tallaght College (ITLIS). Consultant Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase **FROD** IDOM 1:1000 @ A1 1:2000 @ A3 MAY MDC STR RS13 DR C 0002 F1-Approved & accepted INDICATED



TEMPORARY SUPPORTING SYSTEM WITH CANTILEVER BRACKETS BEAMS. DECK JACKING SUPPORT STRUCTURE SCALE: 1:50



NOTE:

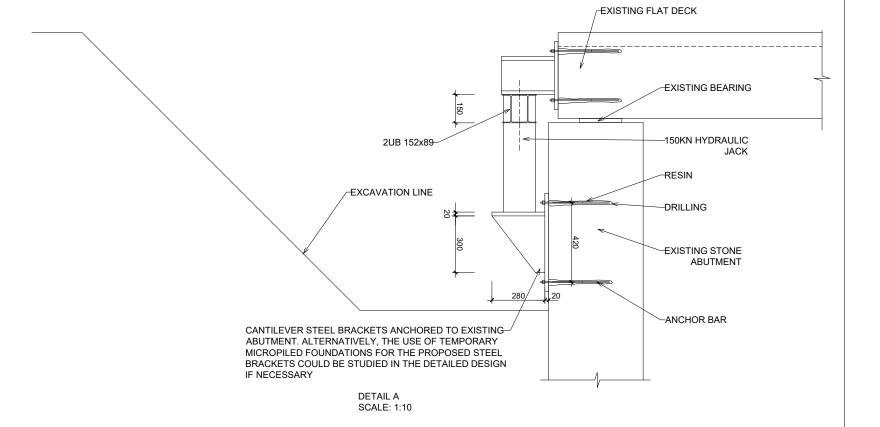
- 1. WEIGHTS
 SELF-WEIGHT OF DECK & PARAPETS APPROX. 1050KN
 DEAD LOAD OF PAVEMENT APPROX. 250KN
 TOTAL WEIGHT OF DECK, PARAPETS & PAVEMENT APPROX. 1300KN
 (WEIGHTS STATED ARE ESTIMATED VALUE ACCORDING TO EXISTING DRAWINGS & WILL BE CONFIRMED AT DETAILED DESIGN STAGE)
- 2. JACKS WILL BE INSERTED UNDER THE DECK AROUND EVERY 2M, WHICH IS 5 JACKS ON EACH ABUTMENT AND A TOTAL OF 10 JACKS. EACH JACK WILL CARRY AROUND 130 kN.



EXAMPLE OF JACK OF MAX. 150KN (SOURCES: LARZEP OFFICIAL WEBSITE)

DIMENSIONS (MM)				
MODEL (LARZEP)	SL01643			
CAPACITY (kN)	150			
STROKE (mm)	435			
CLOSED HEIGHT (mm)	345			
EXTENDED HEIGHT (mm)	780			
DIAMETER (mm)	170			
WEIGHT (Kg)	41			

Consultant



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

Tionscadal Eirean Project Ireland 2040







Drawing Title	STRUCTURE DESIGN
	OBG16. BRIDGE DECK HEAVY LIFTING

Netw. DATE DESCRIPTION

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Survey No. 0093720 (GSI Areland Date or OSI (data Data) & Survey No. 2020/005, MMA_180 (GSI Vecto Data).

All altervations or in materias and relate the OSI Global Obset (GSSM02) Main Head as defined by existing Project Control.

All Co-ordinates are in Irish Transverse Mercator Grid (TTM) as defined by OSI active GPS station Tallaght College (TLLG).

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