

LONGITUDINAL PROFILE

V04	09/10/2024	PDATED RAILWAY ORDER	CCA	MRI	CCH
V03	04/03/2022	THIRD SUBMISSION	CCA	MRI	CCH
V02	08/12/2021	SECOND SUBMISSION	CCA	MRI	CCH
V01	05/10/2021	FIRST SUBMISSION	CCA	MRI	CCH
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

Client: **Tionscail Éireann Project Ireland** and **Iarnród Éireann Irish Rail**

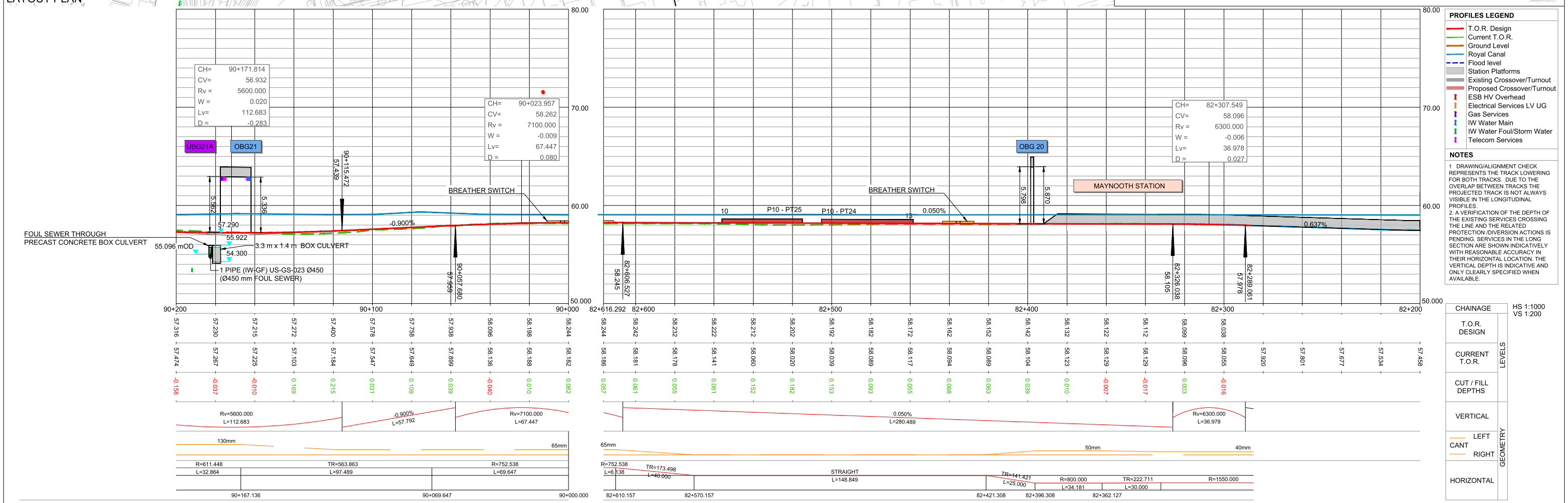
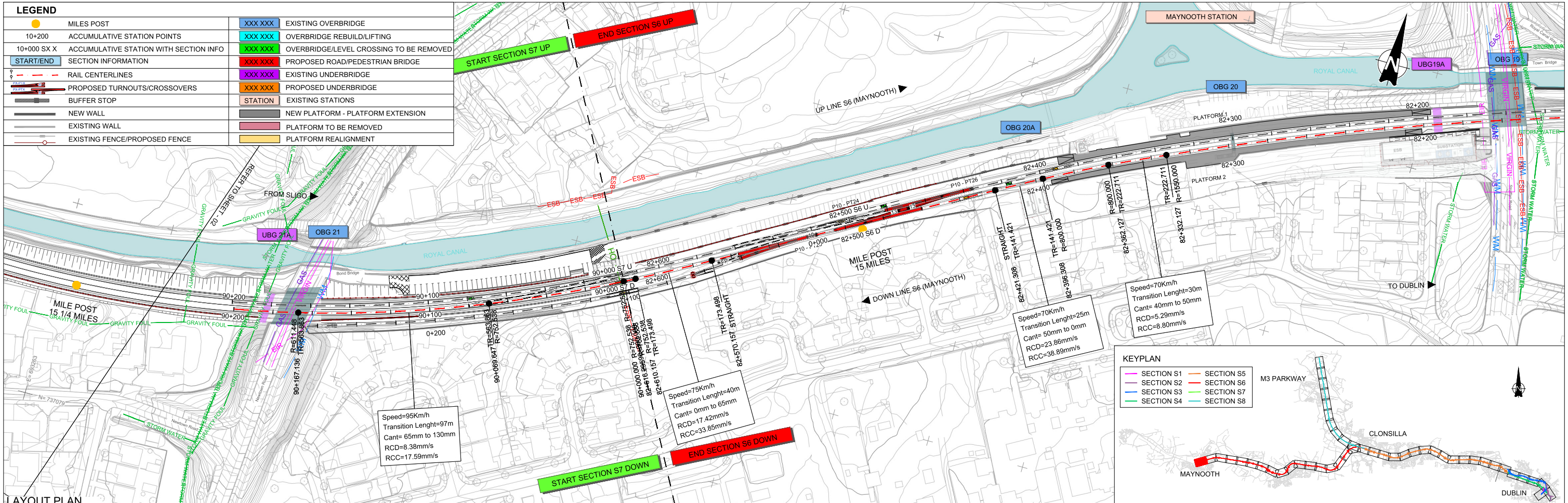
Project: **DART+ West**

Drawing Title: **PERMANENT WAY DESIGN MAYNOOTH TO DEPOT - ALIGNMENT AND PROFILES. UP**

Scale: 1:1000 @ A1

Drawing Number: **MAY MDC TRK SC07 DR C 0003 C**

Date: 09/10/2024 | Job No: P/101086 | Status: F1-Approve d & accepted | Rev: V04 | Sheet: 01 of 01

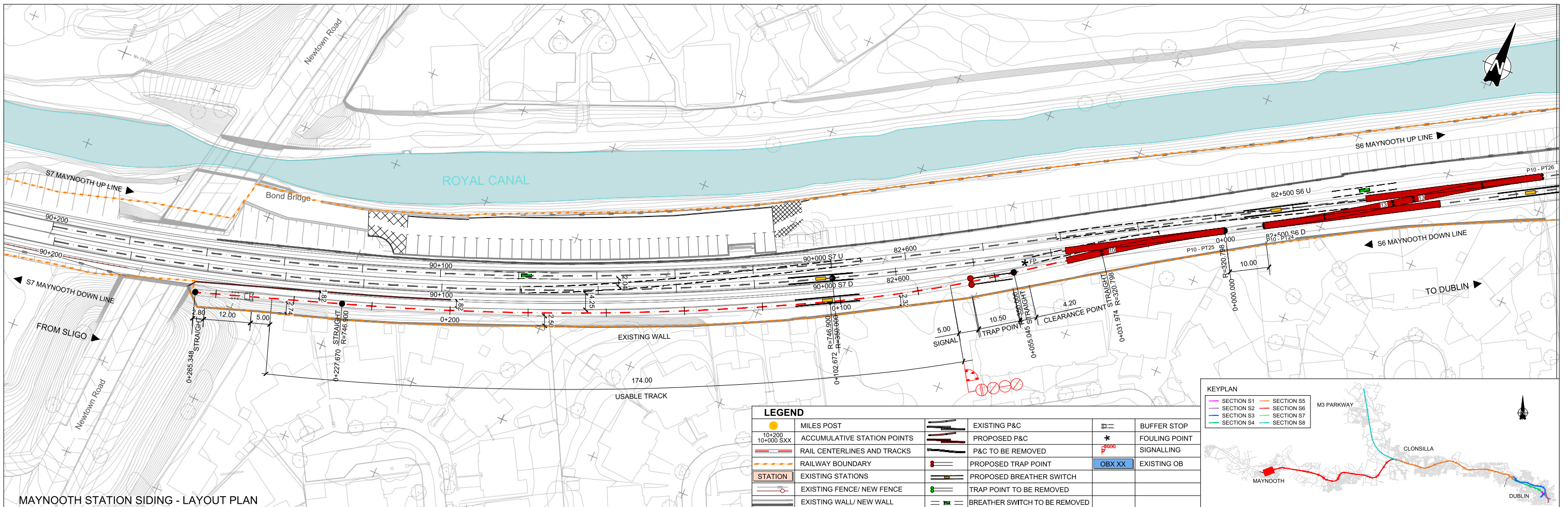


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 Survey No. 993720 (OSI Aerial Data or OSI Lidar Data) & Survey No. 2020058_NMA_180 (OSI Vector Data).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client	Tionscail Éireann Project Ireland 2040	NTA Gásta Náisiúnaí National Transport Authority	Iarnród Éireann Irish Rail	Project	DART+ West	Drawing Title	PERMANENT WAY DESIGN MAYNOOTH - ALIGNMENT AND PROFILES. DOWN SECTION S6-S7 DOWNLINE
Consultant	IDOM	G3	PROD ROUGHAN & O'DONOVAN			Scale:	1:1000 @ A1 1:2000 @ A3
						Drawing Number	Project Originator Discipline Location Type Role Number Phase MAY MDC TRK SC07 DR C 0004 C
						Date:	09/10/2024
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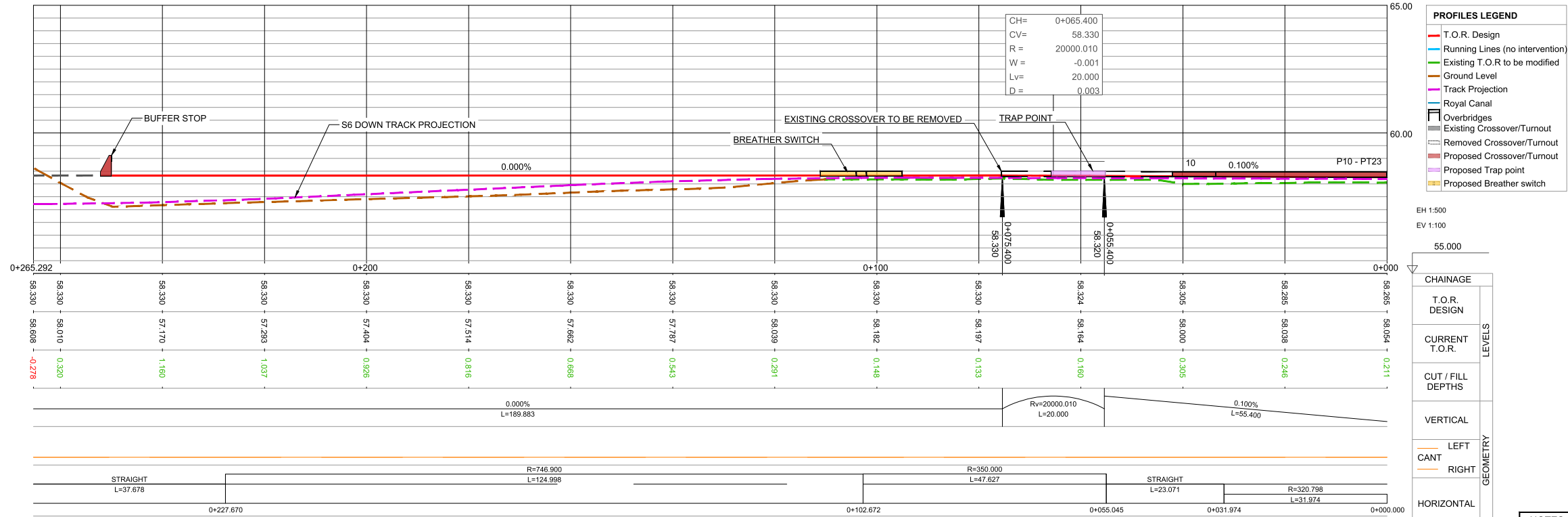


LEGEND

●	MILES POST	▬	EXISTING P&C	▬	BUFFER STOP
10+200 10+000 SXX	ACCUMULATIVE STATION POINTS	▬	PROPOSED P&C	*	FOULING POINT
▬	RAIL CENTERLINES AND TRACKS	▬	P&C TO BE REMOVED	⚡	SIGNALLING
▬	RAILWAY BOUNDARY	▬	PROPOSED TRAP POINT	OBX XX	EXISTING OB
STATION	EXISTING STATIONS	▬	PROPOSED BREATHER SWITCH		
▬	EXISTING FENCE/ NEW FENCE	▬	TRAP POINT TO BE REMOVED		
▬	EXISTING WALL/ NEW WALL	▬	BREATHER SWITCH TO BE REMOVED		



MAYNOOTH STATION SIDING - LAYOUT PLAN



PROFILES LEGEND

- T.O.R. Design
- Running Lines (no intervention)
- Existing T.O.R. to be modified
- Ground Level
- Track Projection
- Royal Canal
- Overbridges
- Existing Crossover/Turnout
- Removed Crossover/Turnout
- Proposed Crossover/Turnout
- Proposed Trap point
- Proposed Breather switch

LEVELS

EH 1:500
EV 1:100

GEOMETRY

CHAINAGE

T.O.R. DESIGN

CURRENT T.O.R.

CUT / FILL DEPTHS

VERTICAL

LEFT

CANT

RIGHT

HORIZONTAL

NOTES

2. A VERIFICATION OF THE DEPTH OF THE EXISTING SERVICES CROSSING THE LINE AND THE RELATED PROTECTION/DIVERSION ACTIONS IS PENDING. SERVICES IN THE LONG SECTION ARE SHOWN INDICATIVELY WITH REASONABLE ACCURACY IN THEIR HORIZONTAL LOCATION. THE VERTICAL DEPTH IS INDICATIVE AND ONLY CLEARLY SPECIFIED WHEN AVAILABLE.

MAYNOOTH STATION SIDING - LONGITUDINAL PROFILE

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