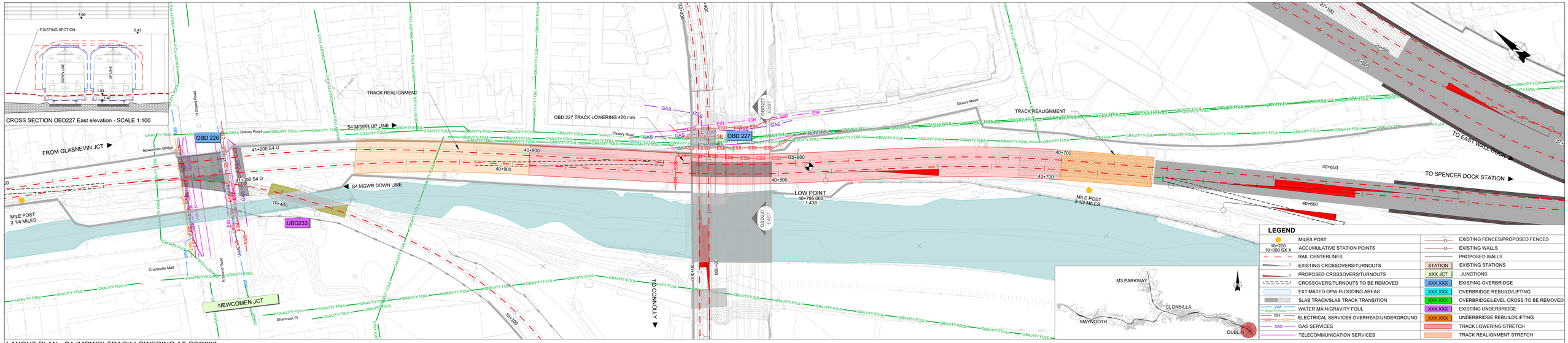
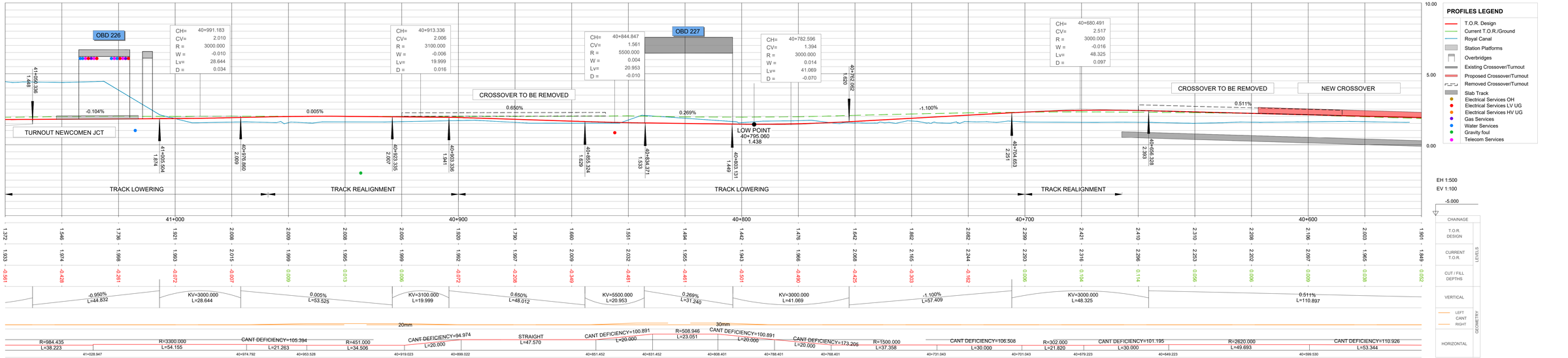


LAYOUT PLAN - S4 (MGWR) TRACK LOWERING AT OBD227



LONGITUDINAL PROFILES - S4 MGWR TRACK LOWERING AT OBD227

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All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C5 · ROD Roughan & O'Donovan

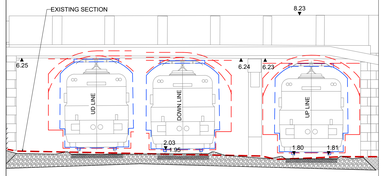
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO1 - OBD227 Emerging Preferred Option: Option 2
Lowering Tracks 470 mm for Contact Wire Height 4.400 mm. Connection with Spencer Dock Station

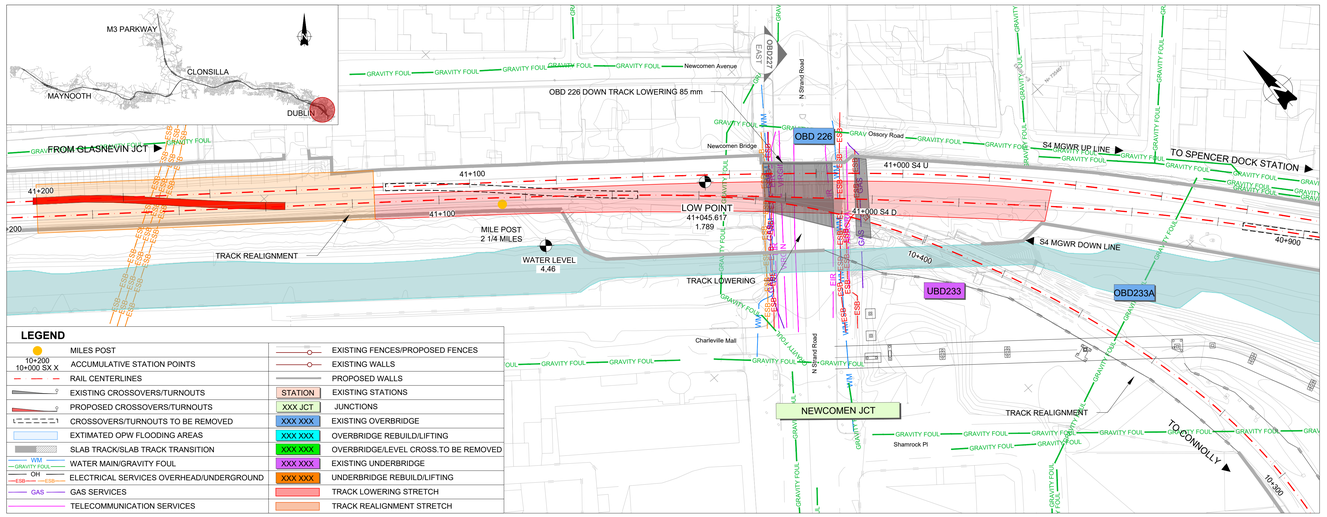
Scale: 1:500 @ A1-XL (0 2.5 6.25 12.5 25)

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 01 of 20



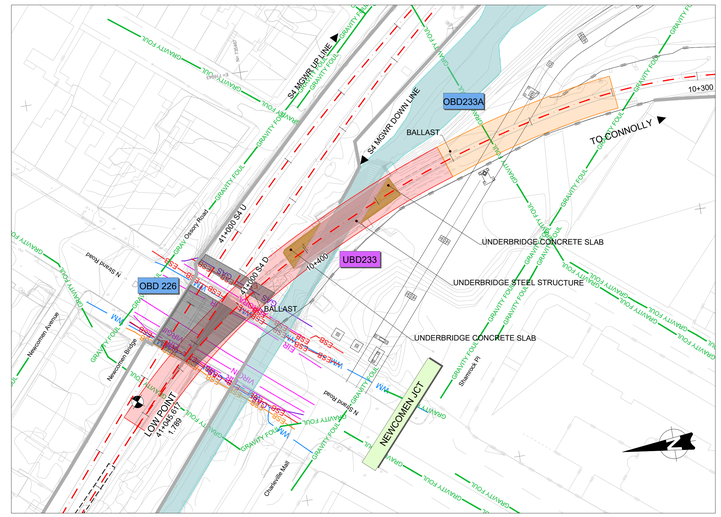
CROSS SECTION OBD226 West elevation - SCALE 1:100



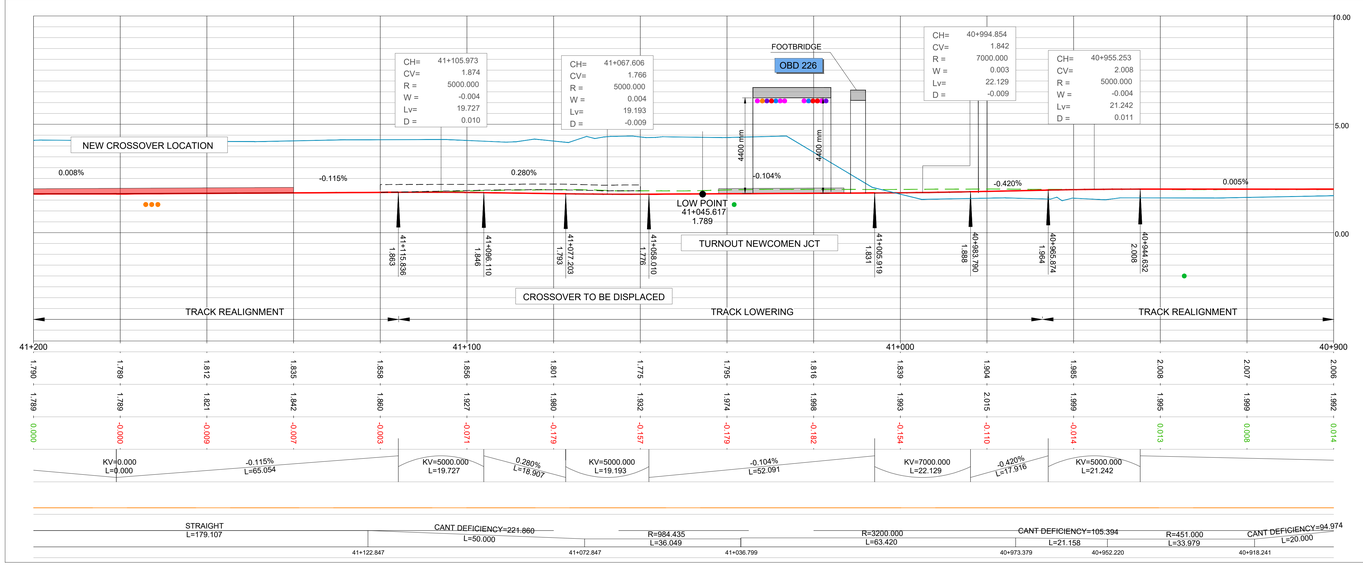
LEGEND

10+200 / 10+000 SX X	MILES POST / ACCUMULATIVE STATION POINTS		EXISTING FENCES/PROPOSED FENCES
	RAIL CENTERLINES		EXISTING WALLS
	EXISTING CROSSOVERS/TURNOUTS		PROPOSED WALLS
	PROPOSED CROSSOVERS/TURNOUTS	STATION	EXISTING STATIONS
	CROSSOVERS/TURNOUTS TO BE REMOVED	XXX JCT	JUNCTIONS
	EXTIMATED OPW FLOODING AREAS	XXX XXX	EXISTING OVERBRIDGE
	SLAB TRACK/SLAB TRACK TRANSITION	XXX XXX	OVERBRIDGE REBUILD/LIFTING
WM	WATER MAIN/GRAVITY FOUL	XXX XXX	OVERBRIDGE/LEVEL CROSS.TO BE REMOVED
GRAVITY FOUL	ELECTRICAL SERVICES OVERHEAD/UNDERGROUND	XXX XXX	EXISTING UNDERBRIDGE
ESB ESB	GAS SERVICES	XXX XXX	UNDERBRIDGE REBUILD/LIFTING
GAS	TELECOMMUNICATION SERVICES		TRACK LOWERING STRETCH
			TRACK REALIGNMENT STRETCH

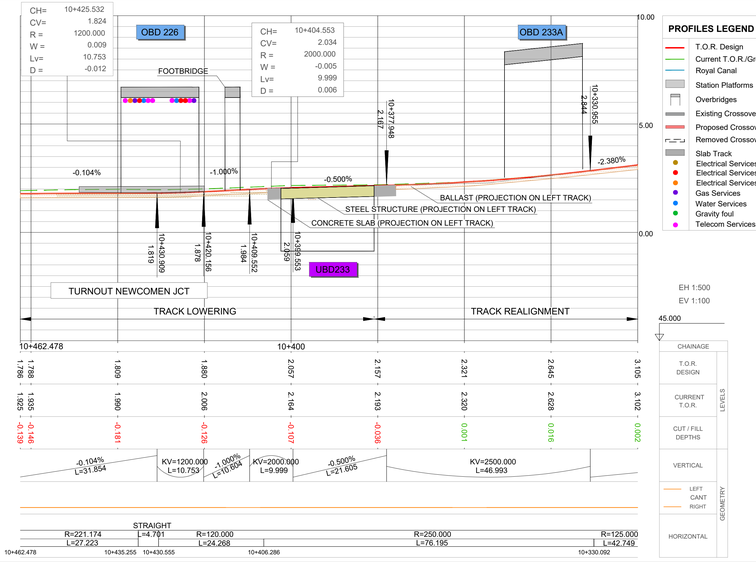
LAYOUT PLAN - S4 (MGWR) TRACK LOWERING AT OBD226



LAYOUT PLAN - S1 (NEWCOMEN CHORD) TRACK LOWERING



LONGITUDINAL PROFILES - S4 MGWR TRACK LOWERING AT OBD226



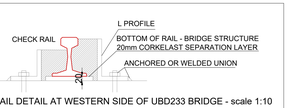
PROFILES LEGEND

- T.O.R. Design
- Current T.O.R./Ground
- Royal Canal
- Station Platforms
- Overbridges
- Existing Crossover/Turnout
- Proposed Crossover/Turnout
- Removed Crossover/Turnout
- Slab Track
- Electrical Services OH
- Electrical Services LV UG
- Electrical Services HV UG
- Gas Services
- Water Services
- Gravity foul
- Telecom Services

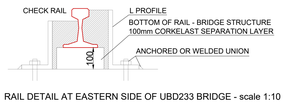
EH 1:500
EV 1:100

CHAINAGE
LEVELS: T.O.R. DESIGN; CURRENT T.O.R.; CUT / FILL DEPTHS
VERTICAL
GEOMETRY: LEFT CANT RIGHT
HORIZONTAL

LONGITUDINAL PROFILES - S1 (NEWCOMEN CHORD) TRACK LOWERING



RAIL DETAIL AT WESTERN SIDE OF UBD233 BRIDGE - scale 1:10



RAIL DETAIL AT EASTERN SIDE OF UBD233 BRIDGE - scale 1:10

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Consultant: IDOM · CS · ROD ROUGHAN & O'DONOVAN

Project: DART+ West

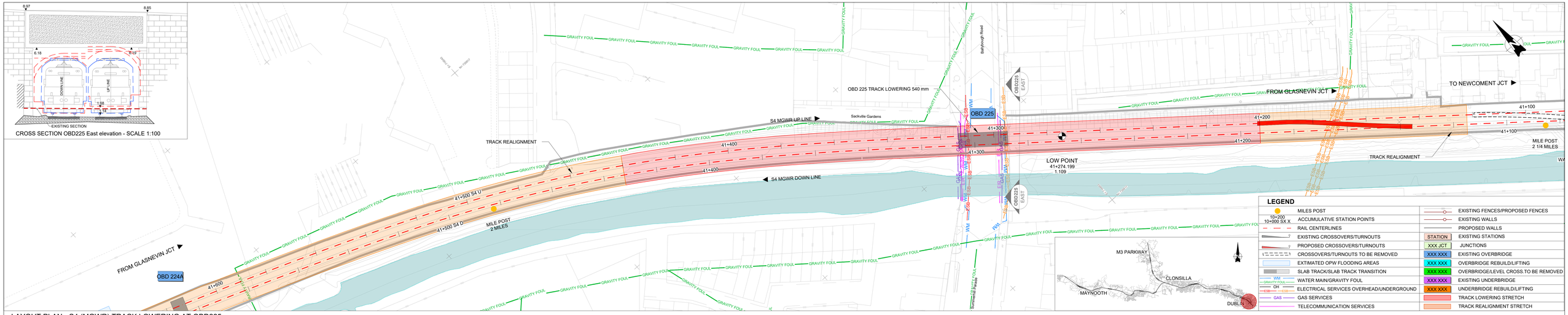
Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO2D - OBD226 Emerging Preferred Option: Option 3
Lowering Down track 85 mm for Wire contact height 4.400 mm\P Newcomen chord vertical alignment (UBD233)

Scale: 1:500 @ A1-XL (0 2.5 6.25 12.5 25)

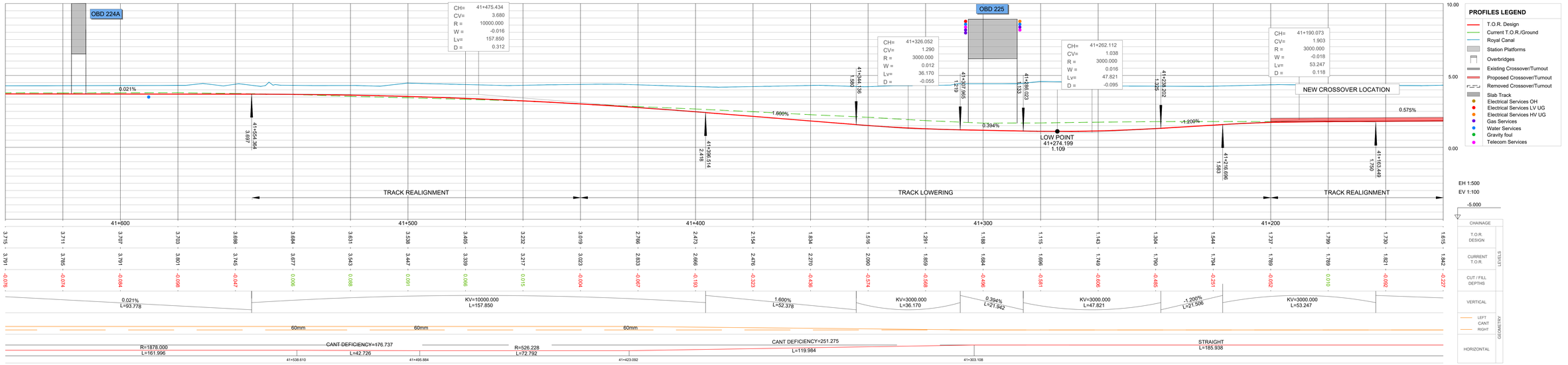
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 02 of 20

CROSS SECTION OBD225 East elevation - SCALE 1:100



LAYOUT PLAN - S4 (MGWR) TRACK LOWERING AT OBD225



LONGITUDINAL PROFILES - S4 MGWR TRACK LOWERING AT OBD225

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Consultant: IDOM · CS · ROD ROUGHAN & O'DONOVAN

Project: DART+ West

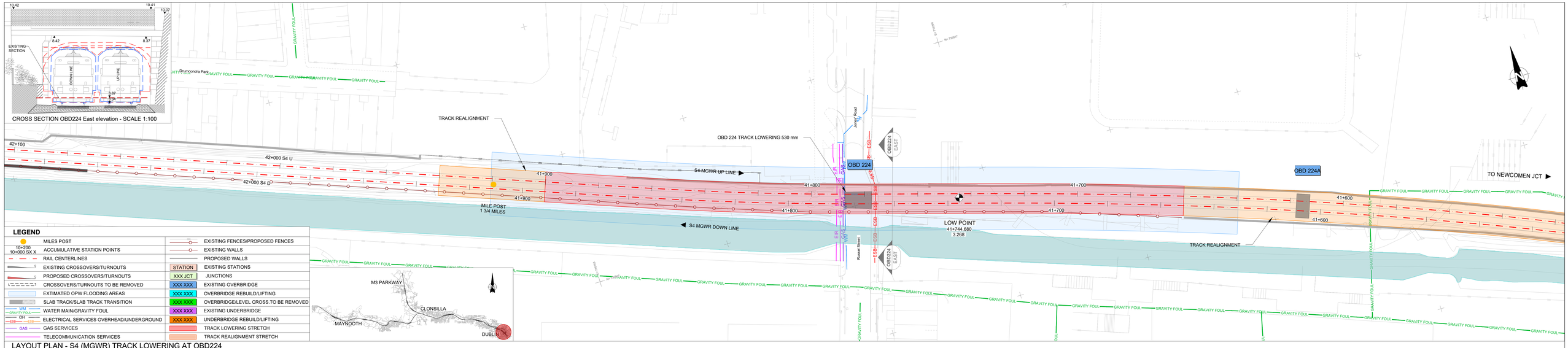
Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO3 - OBD225 Emerging Preferred Option: Option 2
Lowering Tracks 540 mm for Contact Wire Height 4.400 mm

Scale: 1:500 @ A1-XL
0 2.5 6.25 12.5 25

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	03 of 20

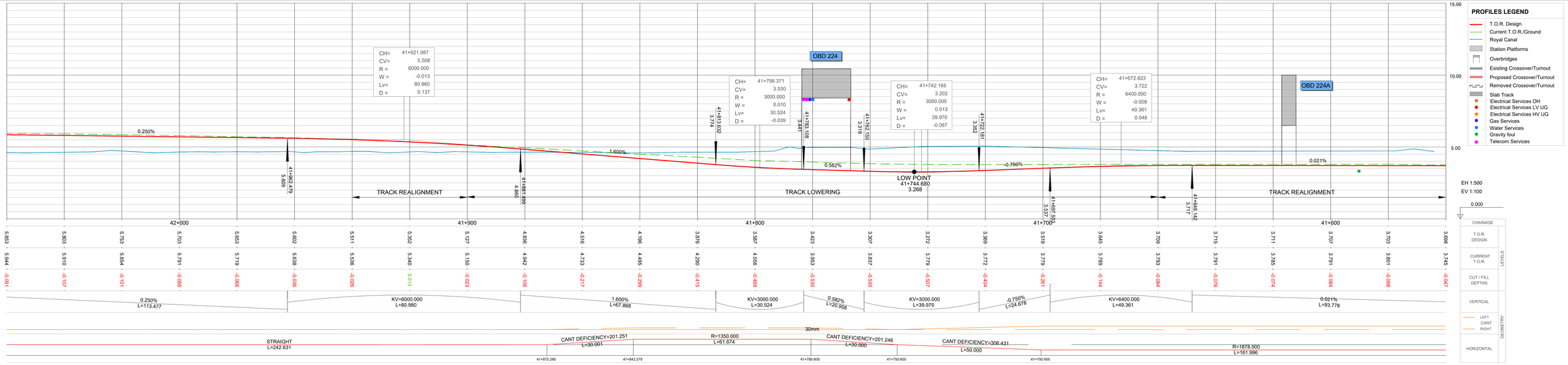
CROSS SECTION OBD224 East elevation - SCALE 1:100



LEGEND

MILES POST	EXISTING FENCES/PROPOSED FENCES
10+200 ACCUMULATIVE STATION POINTS	EXISTING WALLS
10+000 SX X	PROPOSED WALLS
RAIL CENTERLINES	EXISTING STATIONS
EXISTING CROSSOVERS/TURNOUTS	JUNCTIONS
PROPOSED CROSSOVERS/TURNOUTS	EXISTING OVERBRIDGE
CROSSOVERS/TURNOUTS TO BE REMOVED	OVERBRIDGE REBUILD/LIFTING
EXTIMATED OPW FLOODING AREAS	OVERBRIDGE/LEVEL CROSS.TO BE REMOVED
SLAB TRACK/SLAB TRACK TRANSITION	EXISTING UNDERBRIDGE
WATER MAIN/GRAVITY FOUL	UNDERBRIDGE REBUILD/LIFTING
ELECTRICAL SERVICES OVERHEAD/UNDERGROUND	TRACK LOWERING STRETCH
GAS SERVICES	TRACK REALIGNMENT STRETCH
TELECOMMUNICATION SERVICES	

LAYOUT PLAN - S4 (MGWR) TRACK LOWERING AT OBD224



LONGITUDINAL PROFILES - S4 (MGWR) TRACK LOWERING AT OBD224

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Consultant: IDOM · CS · ROD Roughan & O'Donovan

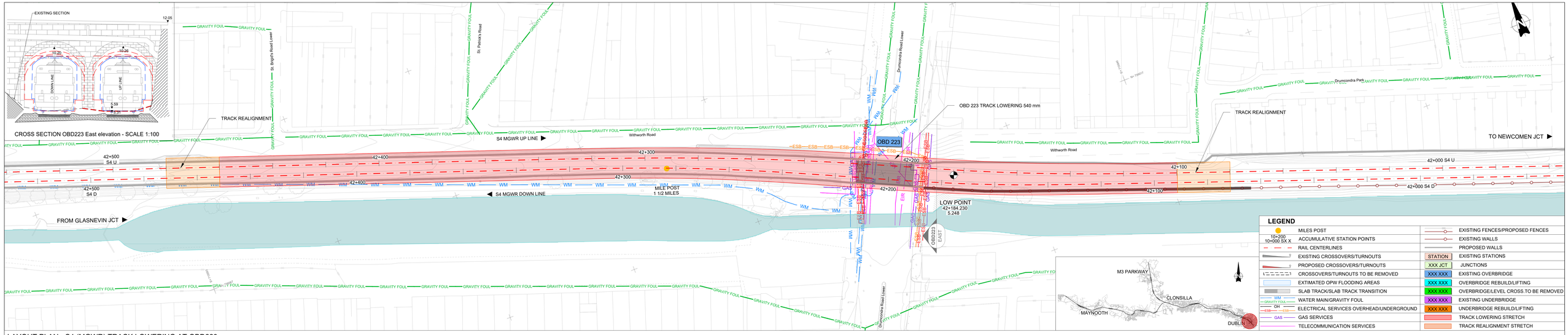
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO4 - OBD224 Emerging Preferred Option: Option 2
Lowering Tracks 530 mm for Contact Wire Height 4.400 mm

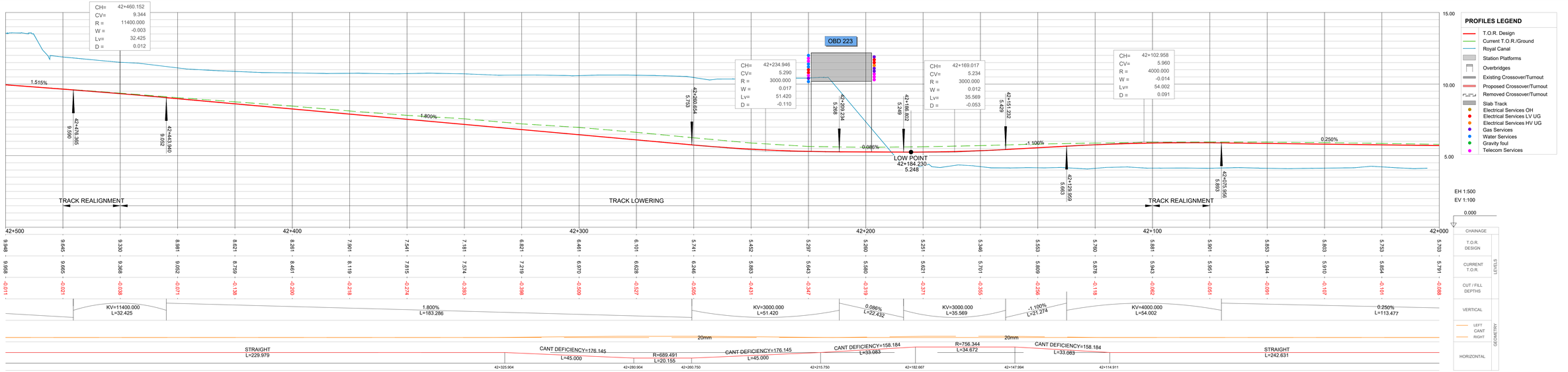
Scale: 1:500 @ A1-XL (0 2.5 6.25 12.5 25)

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	04 of 20



LAYOUT PLAN - S4 (MGWR) TRACK LOWERING AT OBD223



LONGITUDINAL PROFILES - S4 MGWR TRACK LOWERING AT OBD223

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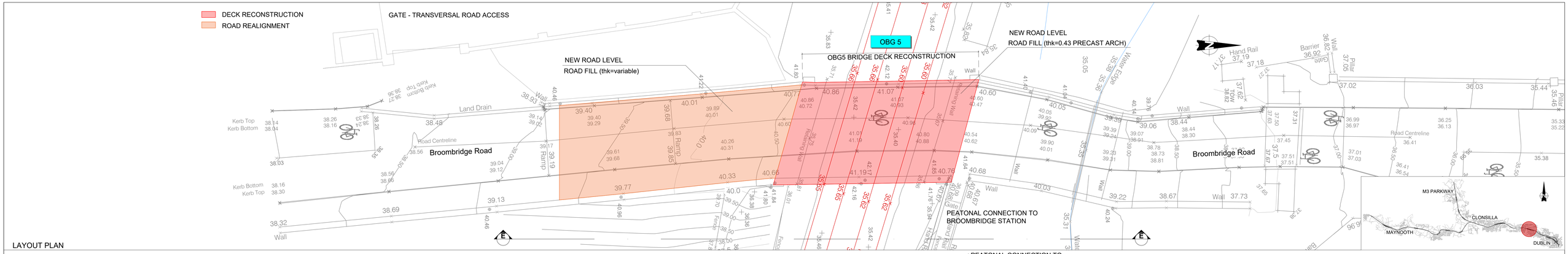
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO5 - OBD223 Emerging Preferred Option: Option 2
Lowering Tracks 280 mm for Contact Wire Height 4.400 mm

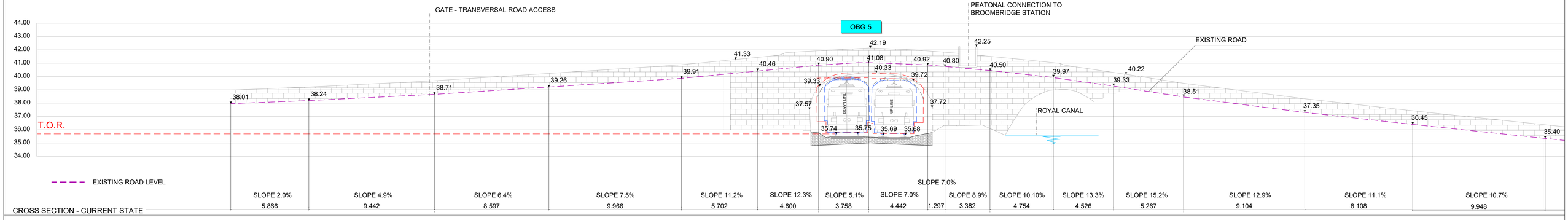
Scale: 1:500 @ A1-XL
0 2.5 6.25 12.5 25

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

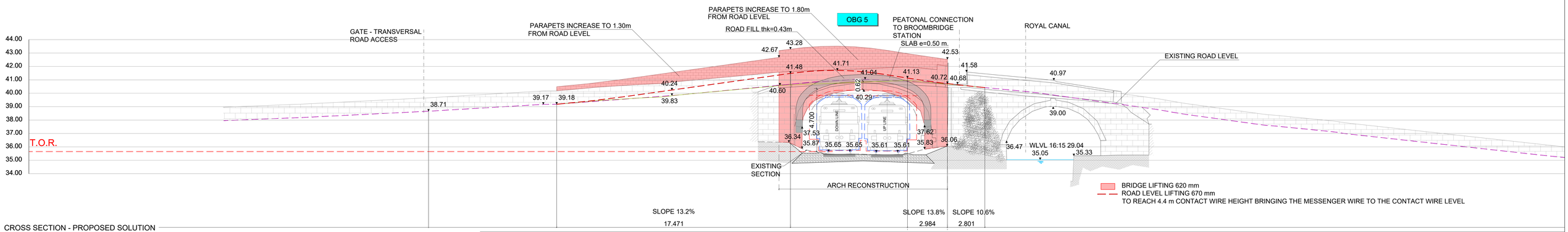
Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	05 of 20



LAYOUT PLAN



CROSS SECTION - CURRENT STATE



CROSS SECTION - PROPOSED SOLUTION

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Consultant: IDOM · C5 · ROD Roughan & O'Donovan

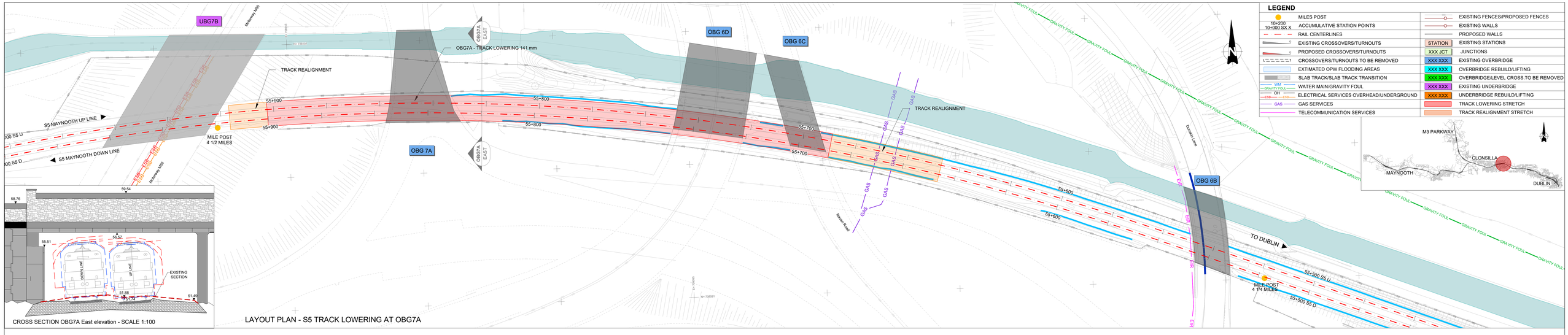
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO6 - OBG5 Emerging Preferred Option: Option 3A
Structural solution. Precast arch deck

Scale: 1:100 @ A1-XL (0 0.5 1.25 2.5 5)

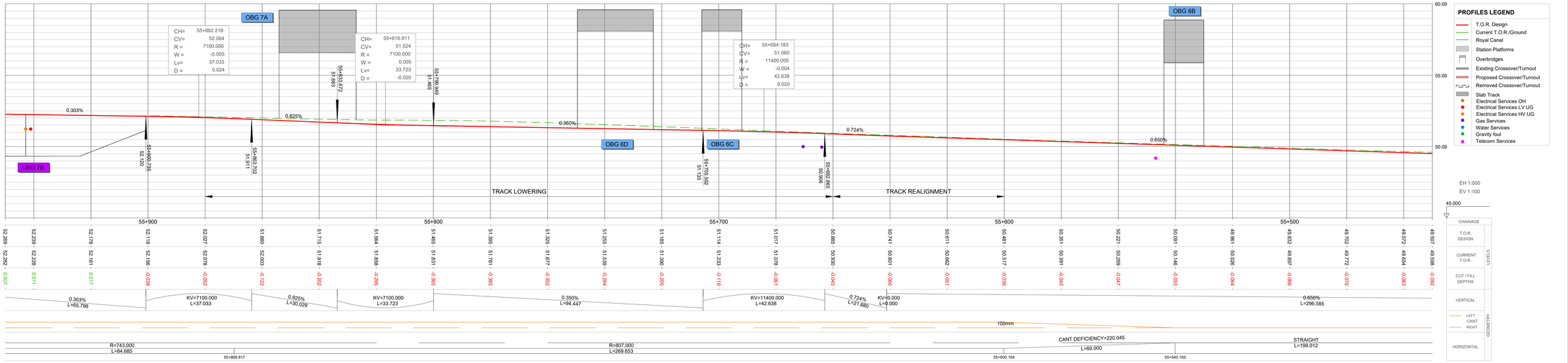
Drawing Number: Project MAY | Originator MDC | Discipline RGN | Location ROUT | Type DR | Role C | Number 0001 | Phase B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 06 of 20



CROSS SECTION OBG7A East elevation - SCALE 1:100

LAYOUT PLAN - S5 TRACK LOWERING AT OBG7A



LONGITUDINAL PROFILE - S5 TRACK LOWERING AT OBG7A

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Consultant: IDOM · C5 · ROD Kilgerran & O'Donovan

Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO7 - OBG7A Emerging Preferred Option: Option 2
Minimum lowering (141mm) without impact on autoroute M50 for Contact Wire Height 4.200 mm

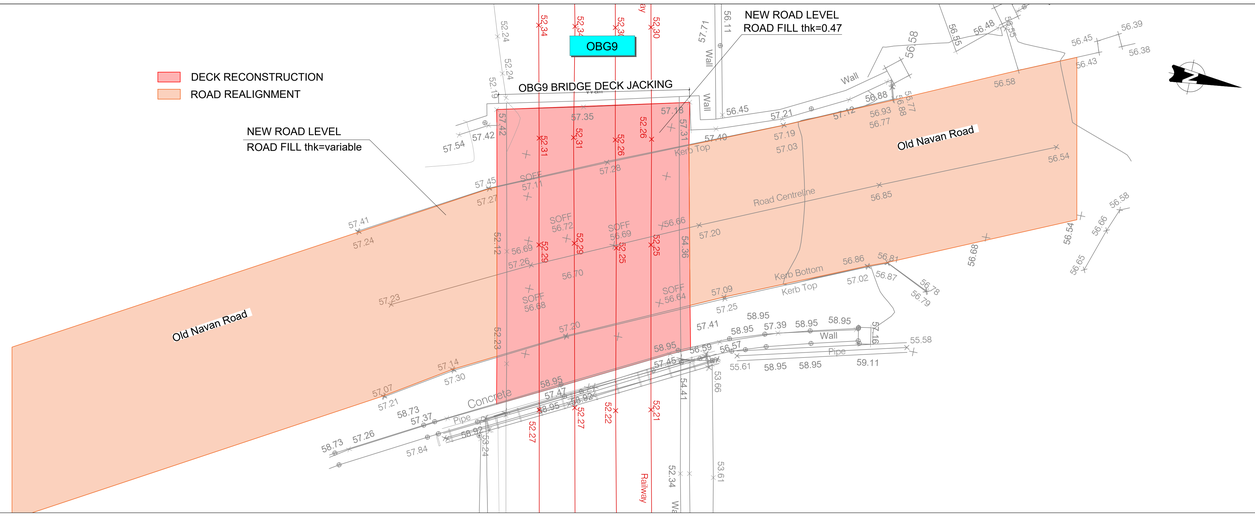
Scale: 1:500 @ A1-XL (0 2.5 6.25 12.5 25)

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

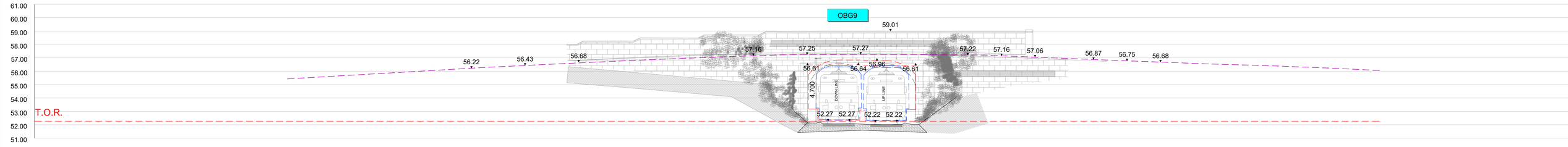
Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	07 of 20



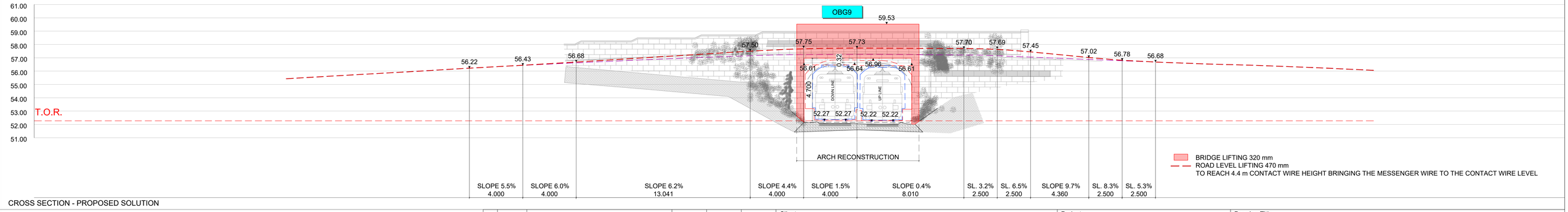
LAYOUT PLAN



CROSS SECTION - CURRENT STATE



CROSS SECTION - PROPOSED SOLUTION



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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C5 | ROD Roughan & O'Donovan

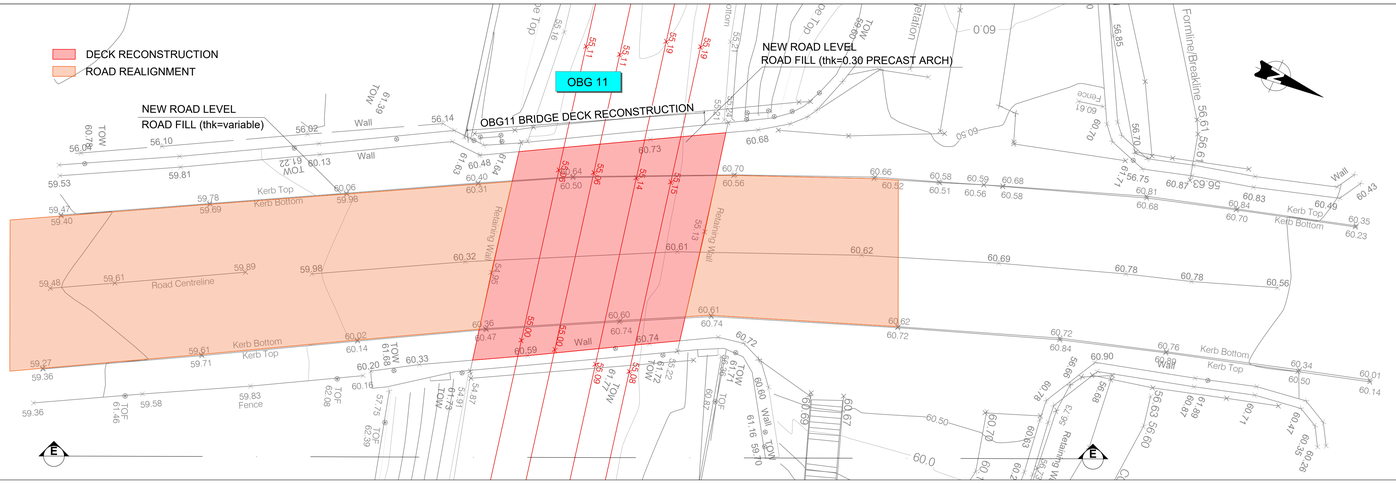
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO9 - OBG9 Emerging Preferred Option: Option 3
Option 3 Bridge Deck Jacking

Scale: 1:100 @ A1-XL (0 0.5 1.25 2.5 5)

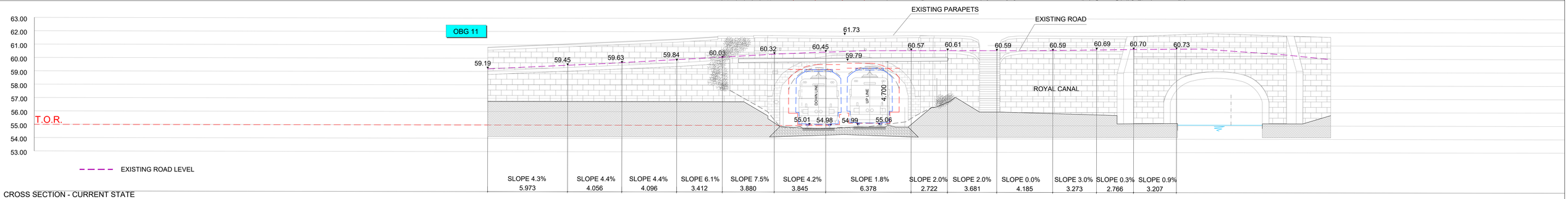
Drawing Number: Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 08 of 20

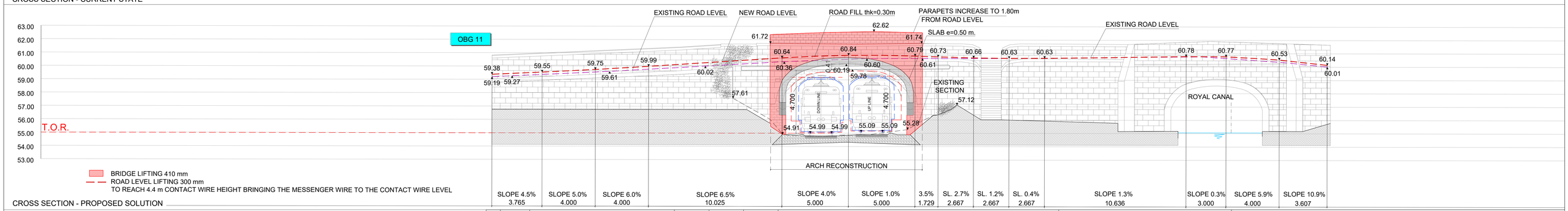


LAYOUT PLAN





CROSS SECTION - CURRENT STATE



CROSS SECTION - PROPOSED SOLUTION

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Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · CS · ROD Roughan & O'Donovan

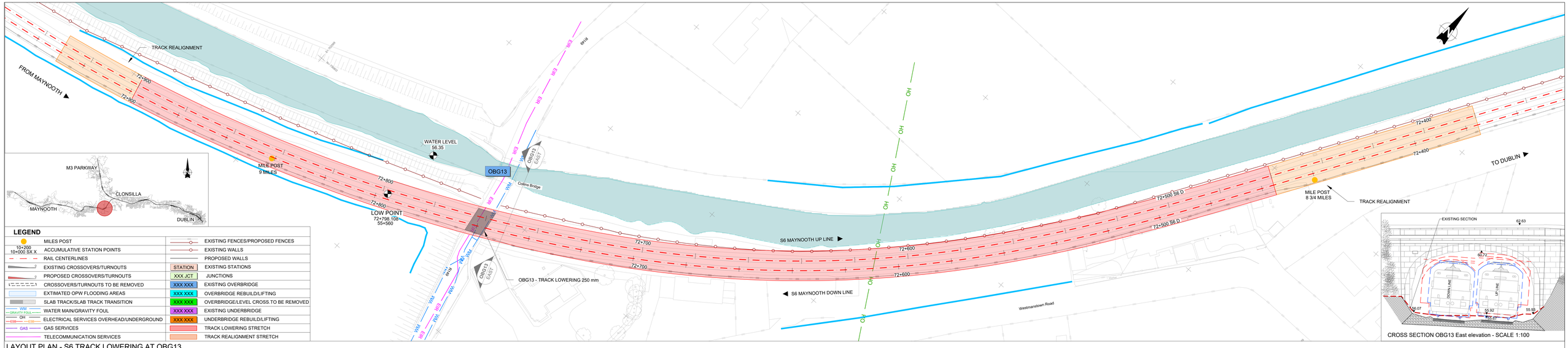
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO-09 OBG11 Emerging Preferred Option: Option 3
Bridge Deck Reconstruction (Precast Arch Deck).

Scale: 1:100 @ A1-XL (0 0.5 1.25 2.5 5)

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 09 of 20

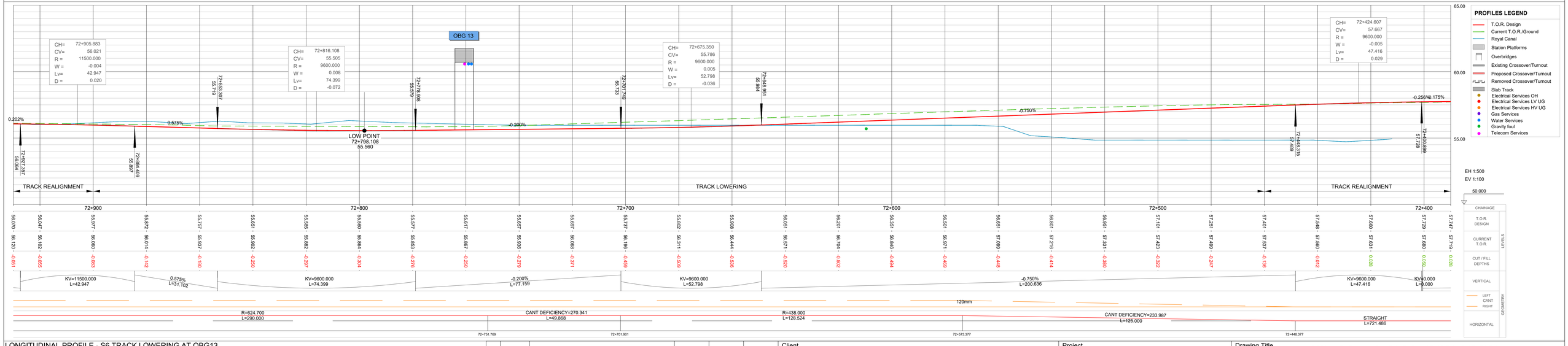


LEGEND

MILES POST	EXISTING FENCES/PROPOSED FENCES
10+200 10+000 SX X ACCUMULATIVE STATION POINTS	EXISTING WALLS
RAIL CENTERLINES	PROPOSED WALLS
EXISTING CROSSOVERS/TURNOUTS	STATION EXISTING STATIONS
PROPOSED CROSSOVERS/TURNOUTS	XXX JCT JUNCTIONS
CROSSOVERS/TURNOUTS TO BE REMOVED	XXX XXX EXISTING OVERBRIDGE
EXTIMATED OPW FLOODING AREAS	XXX XXX OVERBRIDGE REBUILD/LIFTING
SLAB TRACK/SLAB TRACK TRANSITION	XXX XXX OVERBRIDGE/LEVEL CROSS.TO BE REMOVED
WATER MAIN/GRAVITY FOUL	XXX XXX EXISTING UNDERBRIDGE
ELECTRICAL SERVICES OVERHEAD/UNDERGROUND	XXX XXX UNDERBRIDGE REBUILD/LIFTING
GAS SERVICES	TRACK LOWERING STRETCH
TELECOMMUNICATION SERVICES	TRACK REALIGNMENT STRETCH

CROSS SECTION OBG13 East elevation - SCALE 1:100

LAYOUT PLAN - S6 TRACK LOWERING AT OBG13



LONGITUDINAL PROFILE - S6 TRACK LOWERING AT OBG13

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Client: Tionscadal Éireann Project Ireland 2040 · NTA National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C5 · ROD Roughan & O'Donovan

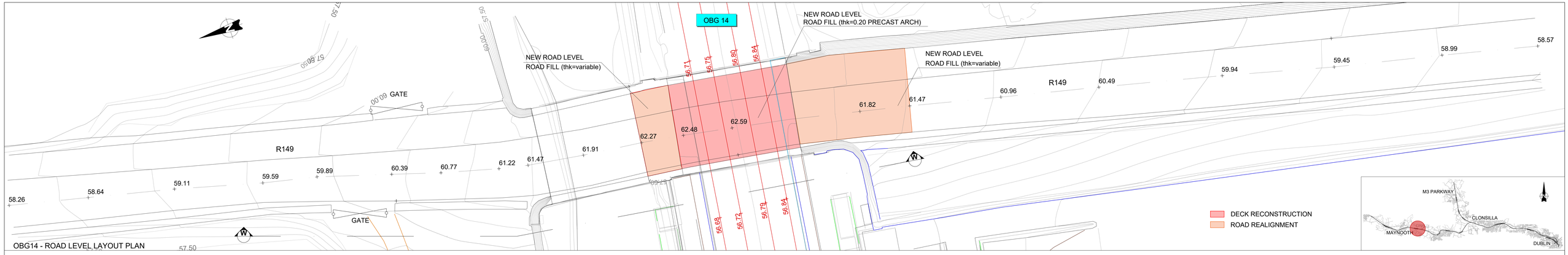
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO11 - OBG13 Emerging Preferred Option: Option 2
Track Lowering 250 mm for Contact Wire Height 4.400 mm

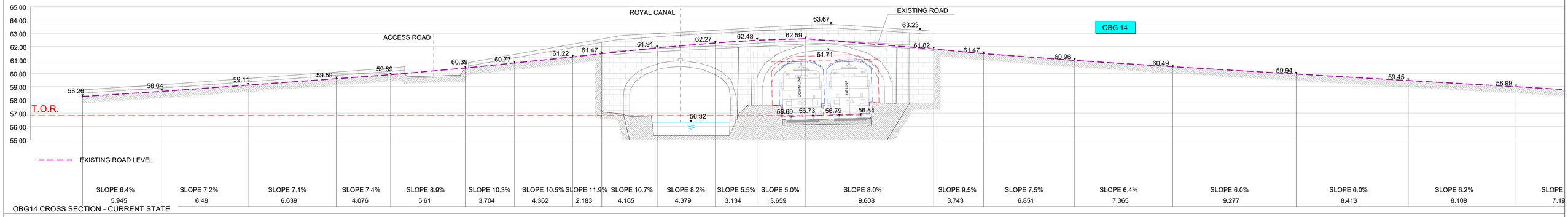
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Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

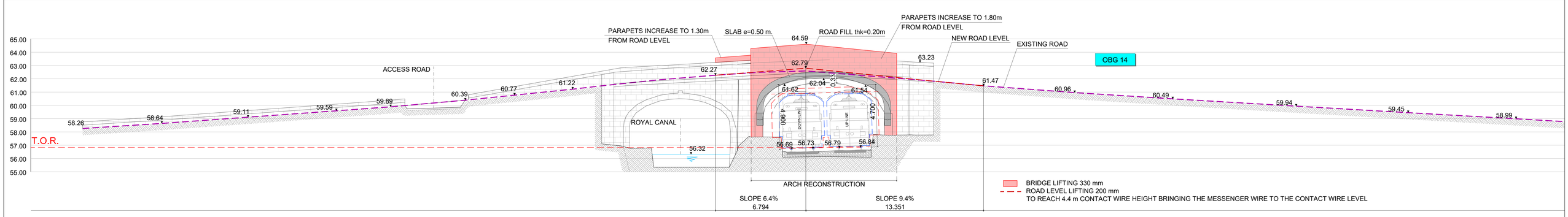
Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	10 of 20



OBG14 - ROAD LEVEL LAYOUT PLAN



OBG14 CROSS SECTION - CURRENT STATE



OBG14 - CROSS SECTION - PROPOSED ARCH SOLUTION

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All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C5 | ROD Keoghan & O'Donovan

Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO 12 - OBG14 Emerging Preferred Option: Option 3
Bridge Deck Reconstruction

Scale: 1:100 @ A1-XL (0 0.5 1.25 2.5 5)

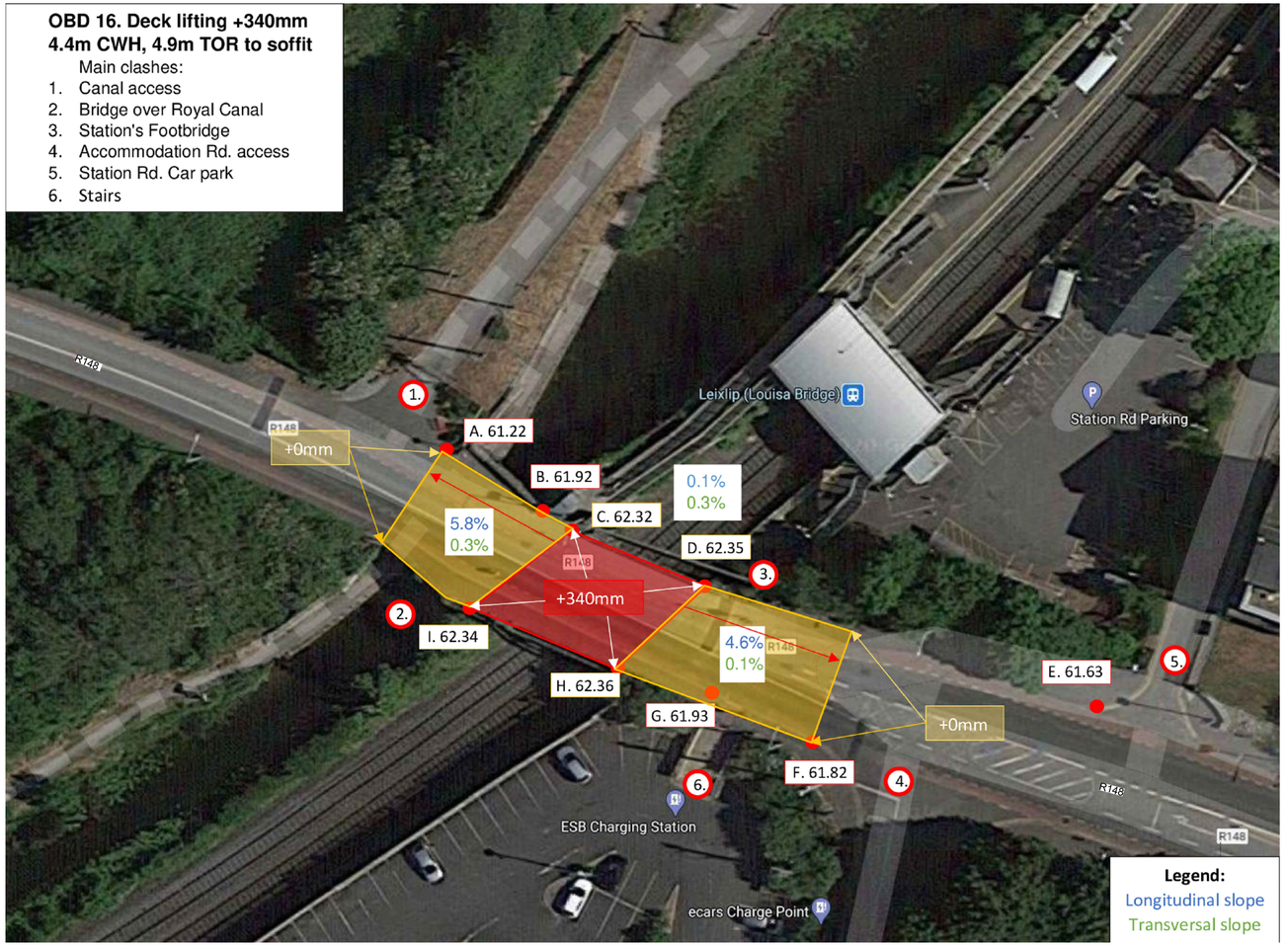
Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 11 of 20

OBD 16. Deck lifting +340mm
4.4m CWH, 4.9m TOR to soffit

Main clashes:

1. Canal access
2. Bridge over Royal Canal
3. Station's Footbridge
4. Accommodation Rd. access
5. Station Rd. Car park
6. Stairs



PHOTOMONTAGE ON ORTOPHOTO



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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | CS | ROD Roughan & O'Donovan

Project: DART+ West

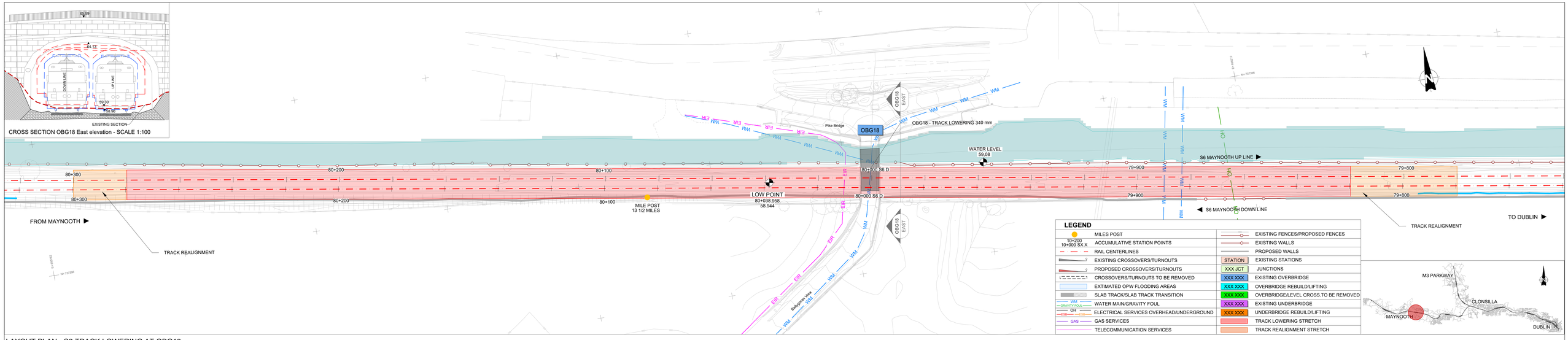
Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO13 - OBG20 Emerging Preferred Option: Option 3
Bridge Deck Heavy Lifting

Scale: NTS @ A1-XL
0 0.5 1.25 2.5 5

Drawing Number: Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY | MDC | RGN | ROUT | DR | C | 0001 | B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	12 of 20

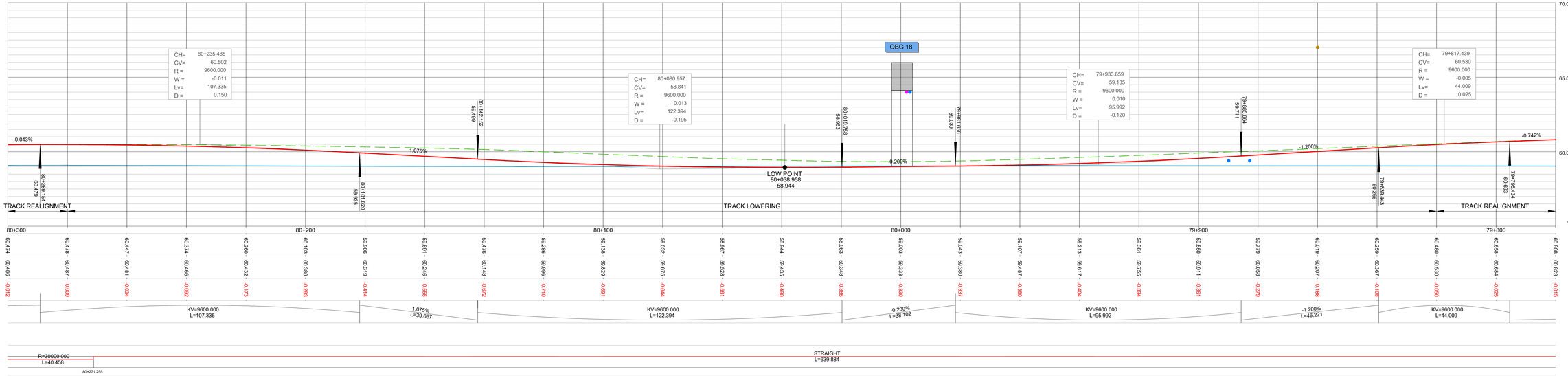
CROSS SECTION OBG18 East elevation - SCALE 1:100



LAYOUT PLAN - S6 TRACK LOWERING AT OBG18

LEGEND

MILES POST	EXISTING FENCES/PROPOSED FENCES
10+200 10+000 SX X — ACCUMULATIVE STATION POINTS	EXISTING WALLS
RAIL CENTERLINES	PROPOSED WALLS
EXISTING CROSSOVERS/TURNOUTS	EXISTING STATIONS
PROPOSED CROSSOVERS/TURNOUTS	JUNCTIONS
CROSSOVERS/TURNOUTS TO BE REMOVED	EXISTING OVERBRIDGE
EXTIMATED OPW FLOODING AREAS	OVERBRIDGE REBUILD/LIFTING
SLAB TRACK/SLAB TRACK TRANSITION	OVERBRIDGE/LEVEL CROSS.TO BE REMOVED
WATER MAIN/GRAVITY FOUL	EXISTING UNDERBRIDGE
ELECTRICAL SERVICES OVERHEAD/UNDERGROUND	UNDERBRIDGE REBUILD/LIFTING
GAS SERVICES	TRACK LOWERING STRETCH
TELECOMMUNICATION SERVICES	TRACK REALIGNMENT STRETCH



PROFILES LEGEND

- T.O.R. Design
- Current T.O.R./Ground
- Royal Canal
- Station Platforms
- Overbridges
- Existing Crossover/Turnout
- Proposed Crossover/Turnout
- Removed Crossover/Turnout
- Slab Track
- Electrical Services OH
- Electrical Services LV UG
- Electrical Services HV UG
- Gas Services
- Water Services
- Gravity foul
- Telecom Services

LONGITUDINAL PROFILE - S5 TRACK LOWERING AT OBG18

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Client: Tionscadal Éireann Project Ireland 2040 · NTA Údarás Náisiúnta Iompair National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · CS · ROD Kiggeran & O'Donovan

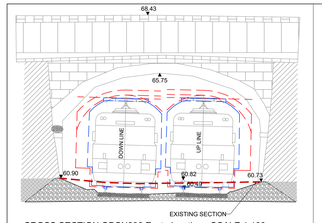
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO14 - OBG18 Emerging Preferred Option: Option 2
Track Lowering 340 mm for Contact Wire Height 4.400 mm

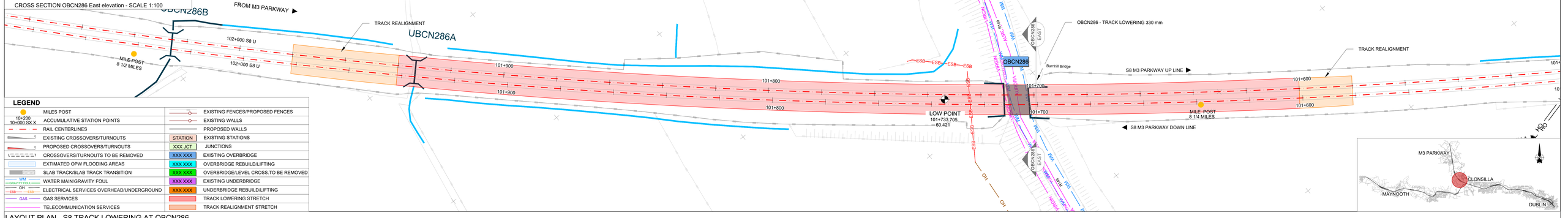
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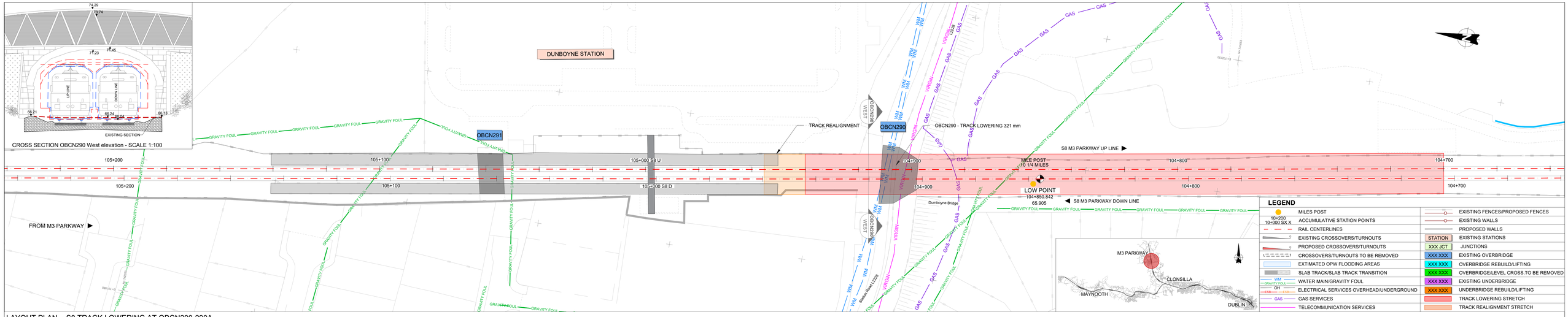
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	13 of 20

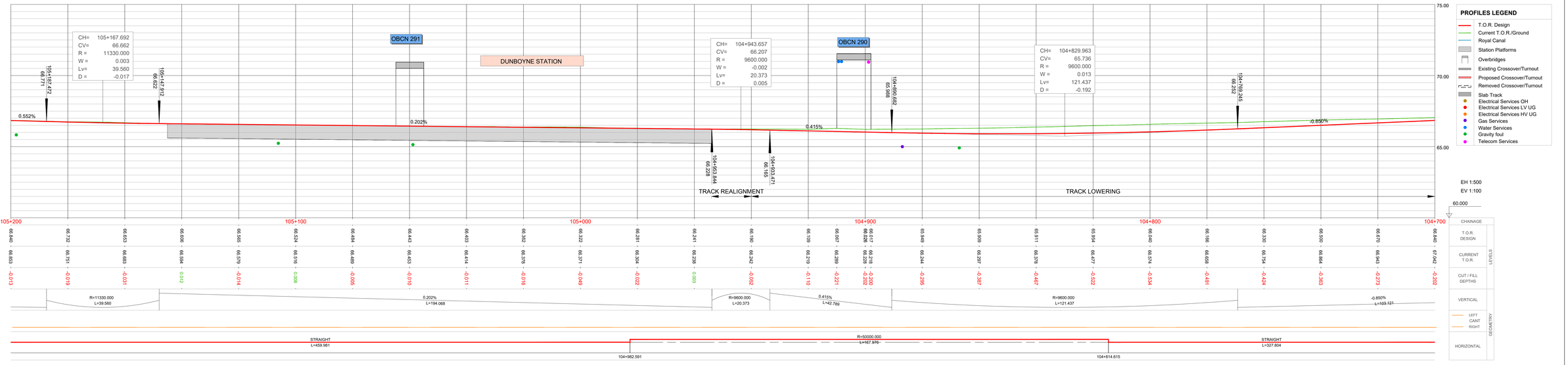


CROSS SECTION OBCN286 East elevation - SCALE 1:100





LAYOUT PLAN - S8 TRACK LOWERING AT OBCN290-290A



LONGITUDINAL PROFILE - S8 TRACK LOWERING AT OBCN290-290A

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Consultant: IDOM | C5 | ROD Eoghanan & O'Donovan

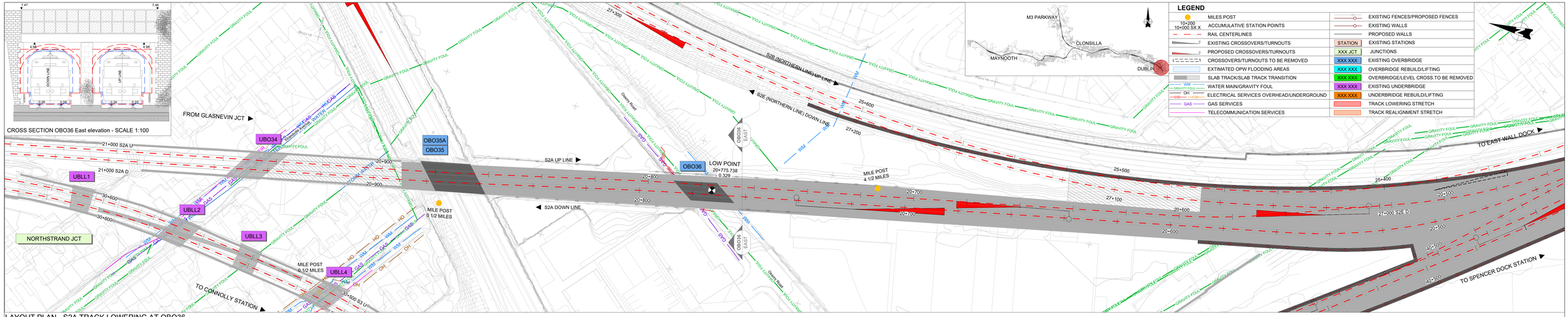
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO18 - OBCN290-290A Emerging Preferred Option: Option 2
Minimum Track lowering without impact on Dunboyne Station

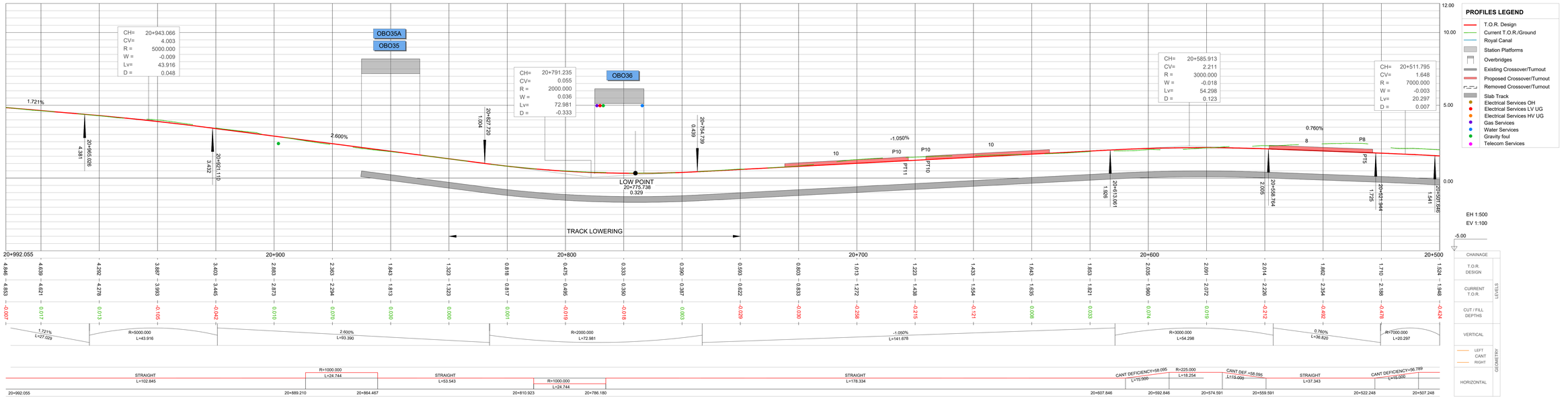
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase
MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 15 of 20



LAYOUT PLAN - S2A TRACK LOWERING AT OBO36



LONGITUDINAL PROFILE - S2A TRACK LOWERING AT OBO36

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
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Consultant: IDOM | CS | ROD Eoghan O'Donovan

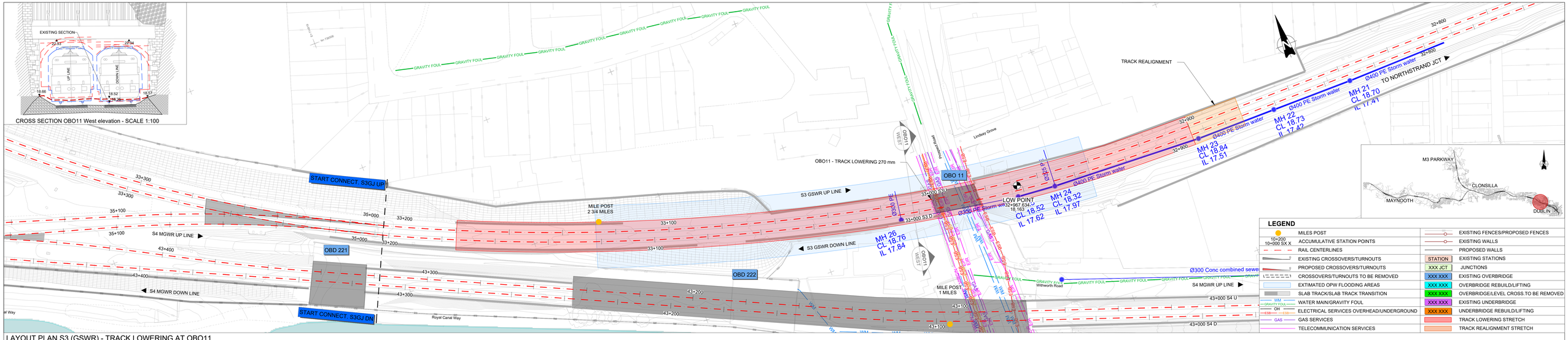
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO20 - OBO36 Emerging Preferred Option: Option 2
Track Lowering for Contact Wire Height 4.400 mm

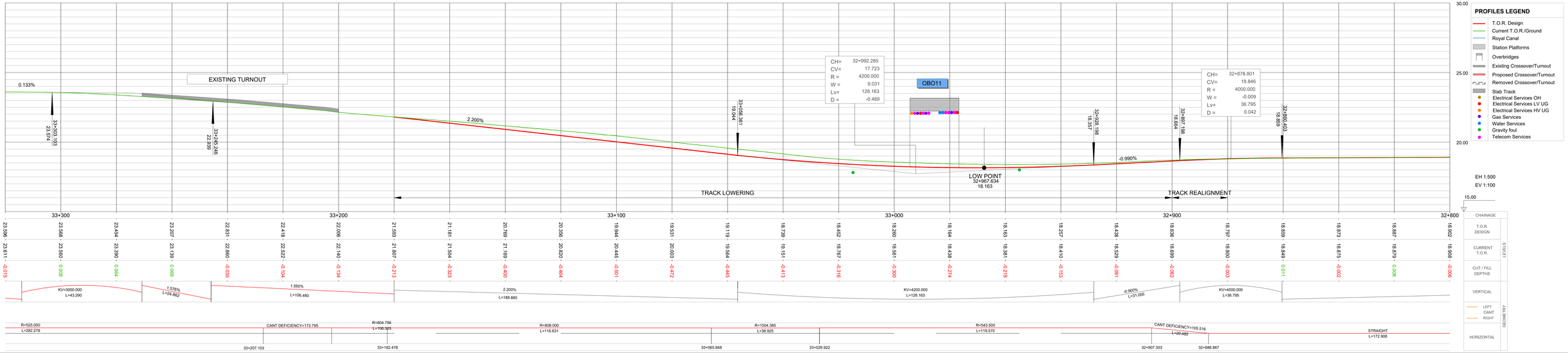
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 16 of 20



LAYOUT PLAN S3 (GSWR) - TRACK LOWERING AT OBO11



LONGITUDINAL PROFILE S3 (GSWR) - TRACK LOWERING AT OBO11

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All Coordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD EGGERSAN & O'DONOVAN

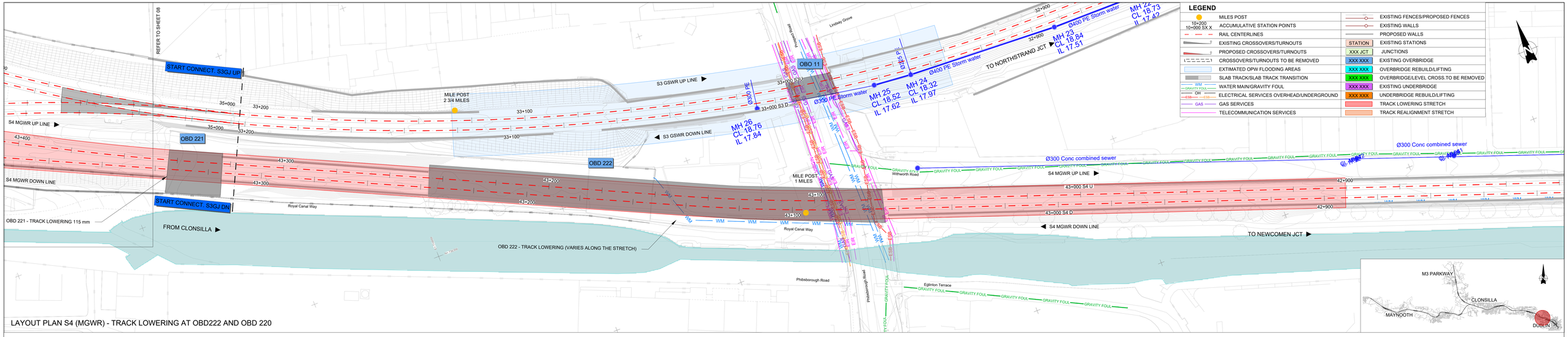
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO20 - OBO11- Emerging preferred option: Option 2
Track lowering 270 mm for Contact Wire Height 4.400 mm

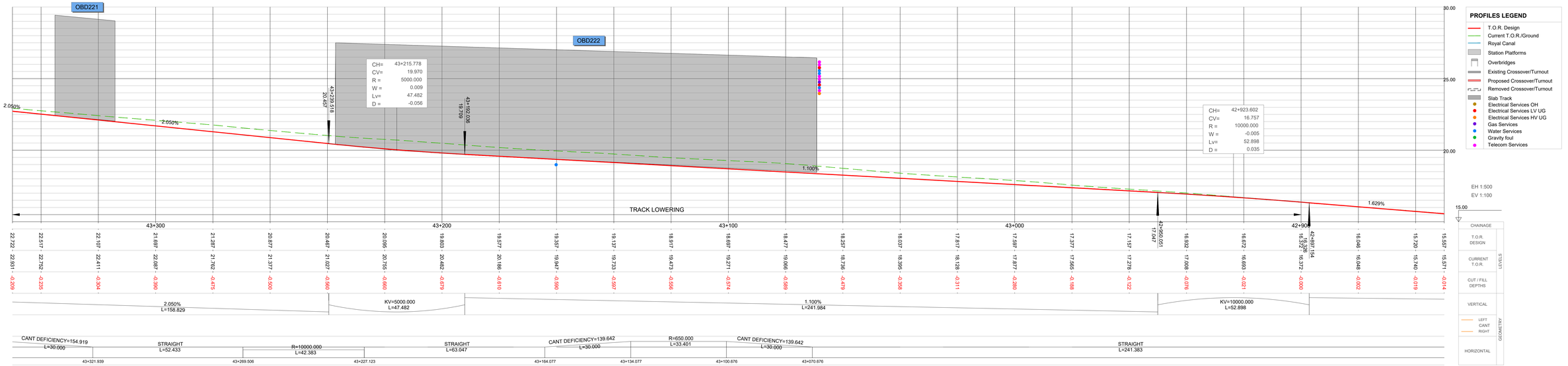
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Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	17 of 20



LAYOUT PLAN S4 (MGWR) - TRACK LOWERING AT OBD222 AND OBD 220



LONGITUDINAL PROFILE S4 (MGWR) - TRACK LOWERING AT OBD222 AND OBD 220

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All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin 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: Tionscadal Éireann Project Ireland 2040 · NTA National Transport Authority · Iarnród Éireann Irish Rail

Consultant: IDOM · C5 · ROD Roughan & O'Donovan

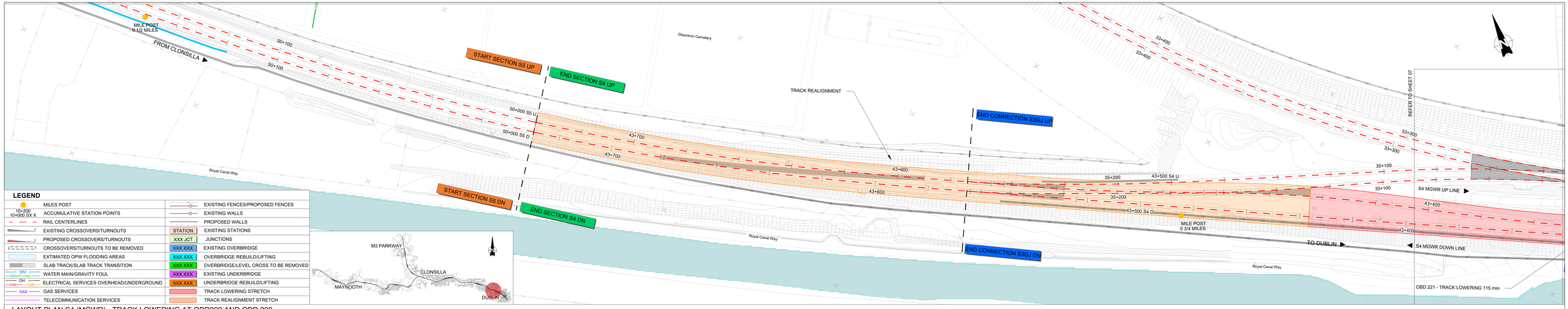
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO22-OBD222 Emerging Preferred Option: Option 3-Track lowering to allow 4250 mm Contact Wire Height
IDO23 - OBD220 Emerging Preferred Option: Option 2. Minimum track lowering for OBD222

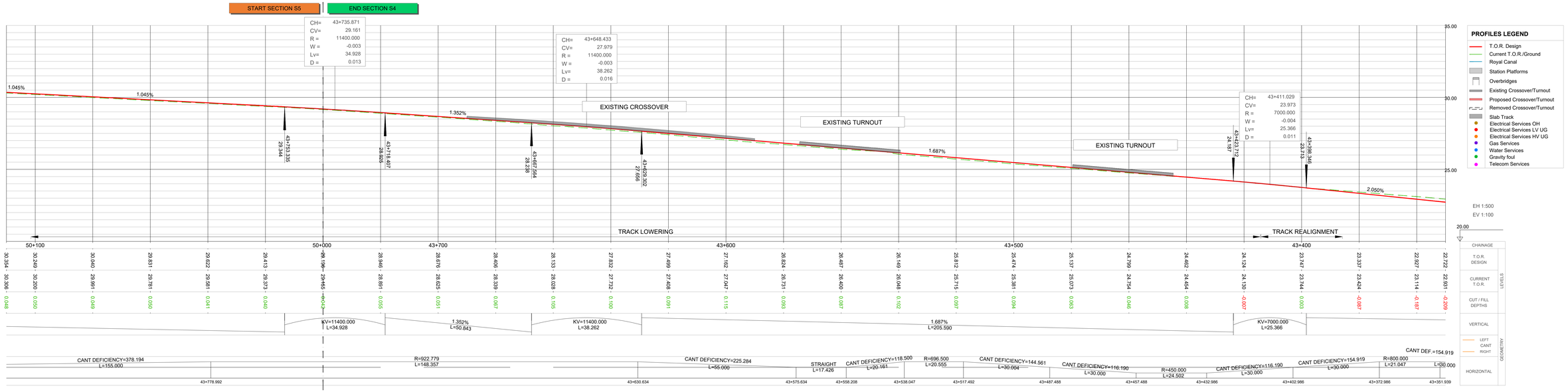
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Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase: MAY MDC RGN ROUT DR C 0001 B

Date: May 2021 | Job No: P/101086 | Status: S4 Suitable for Acceptance | Rev: V01 | Sheet: 18 of 20



LAYOUT PLAN S4 (MGWR) - TRACK LOWERING AT OBD222 AND OBD 220



LONGITUDINAL PROFILE S4 (MGWR) - TRACK LOWERING AT OBD222 AND OBD 220

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	May 2021	PUBLIC CONSULTATION	CCA	MRI	CCH

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Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C5 | ROD Eoghan A. O'Donovan

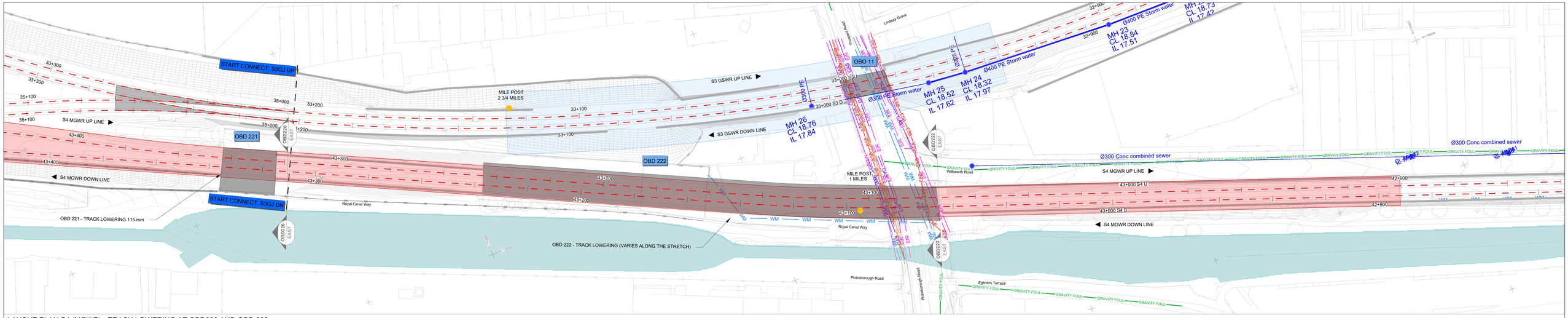
Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO22-OBD222 Emerging Preferred Option: Option 3-Track lowering to allow 4250 mm Contact Wire Height
IDO23 - OBD220 Emerging Preferred Option: Option 2. Minimum track lowering for OBD222

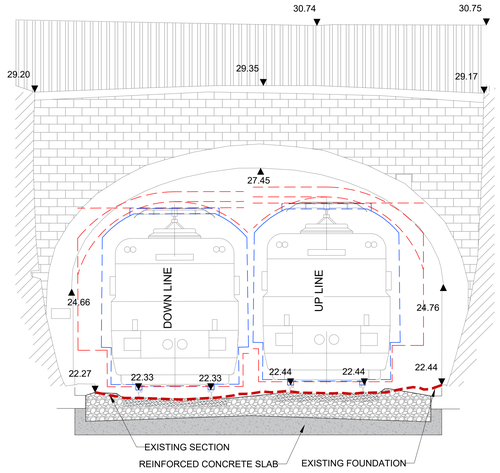
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0 2.5 6.25 12.5 25

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

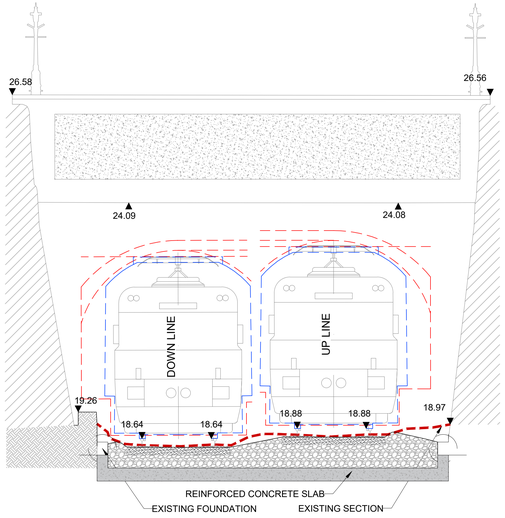
Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	19 of 20



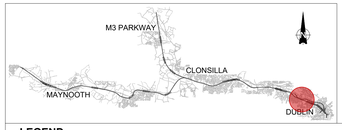
LAYOUT PLAN S4 (MGWR) - TRACK LOWERING AT OBD222 AND OBD 220
SCALE 1:500



CROSS SECTION OBD 221 - S4 (MGWR) - East elevation
SCALE 1:50



CROSS SECTION OBD 222 - S4 (MGWR) - East elevation
SCALE 1:50



LEGEND

	MILES POST		EXISTING FENCES/PROPOSED FENCES
10+200 10+000 SX X	ACCUMULATIVE STATION POINTS		EXISTING WALLS
	RAIL CENTERLINES		PROPOSED WALLS
	EXISTING CROSSOVERS/TURNOUTS	STATION	EXISTING STATIONS
	PROPOSED CROSSOVERS/TURNOUTS	XXX JCT	JUNCTIONS
	CROSSOVERS/TURNOUTS TO BE REMOVED	XXX XXX	EXISTING OVERBRIDGE
	EXTIMATED OPW FLOODING AREAS	XXX XXX	OVERBRIDGE REBUILD/LIFTING
	SLAB TRACK/SLAB TRACK TRANSITION	XXX XXX	OVERBRIDGE/LEVEL CROSS.TO BE REMOVED
WM GRAVITY FOUL	WATER MAIN/GRAVITY FOUL	XXX XXX	EXISTING UNDERBRIDGE
OH HEB	ELECTRICAL SERVICES OVERHEAD/UNDERGROUND	XXX XXX	UNDERBRIDGE REBUILD/LIFTING
GAS	GAS SERVICES		TRACK LOWERING STRETCH
	TELECOMMUNICATION SERVICES		TRACK REALIGNMENT STRETCH

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	May 2021	PUBLIC CONSULTATION	CCA	MRI	CCH

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Consultant: IDOM · CS · ROD Keoghan & O'Donovan

Project: DART+ West

Drawing Title: PERMANENT WAY - OHLE CLEARANCE OPTIONS SELECTION
IDO22 - OBD222 Emerging Preferred Option: Option 3
IDO23 - OBD220 Emerging Preferred Option: Option 2\PCross Sections

Scale: As Shown@ A1-XL (0)

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	RGN	ROUT	DR	C	0001	B

Date:	Job No:	Status:	Rev:	Sheet:
May 2021	P/101086	S4 Suitable for Acceptance	V01	20 of 20