

A1
1
2
3
4
5
6
7
8
9
10



FOR INFORMATION

Legend - Plan

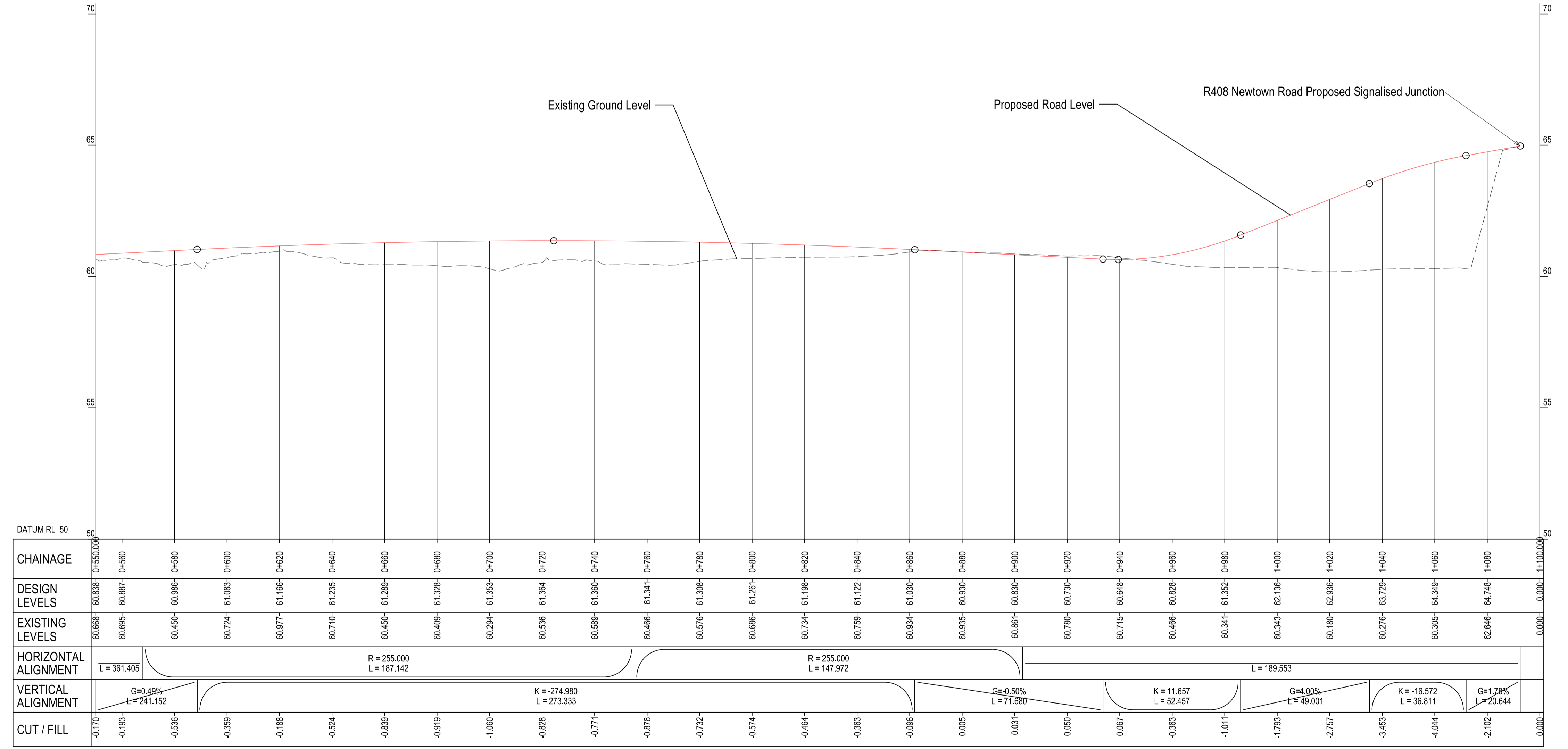
- Bituminous Road
- Cut
- Fill
- Verge
- Active Travel Facility
- Buffer Line

Cut Volumes:
 MOOR L5041-R408 - 4,420m³
 MOOR R408-R406 - 8,226m³
 EB Slip Road - 11,450m³
 WB Slip Road - 2,513m³

Fill Volumes:
 MOOR L5041-R408 - 7,138m³
 MOOR R408-R406 - 17,466m³
 EB Slip Road - 20m³
 WB Slip Road - 70m³

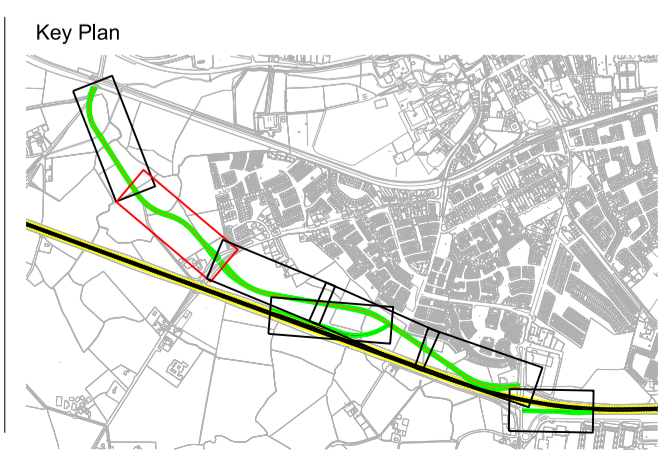
Notes:

- Junction 7 Maynooth
- Improve and Optimise Existing Junction
 - Westbound Diverge to be realigned and signalised
 - Eastbound Diverge to be realigned and signalised
 - Maynooth Outer Orbital Route (MOOR) to be incorporated



Notes

Clients



Consultant

One Albert Quay
Cork, T12 X8N6
Ireland

Tel +353 (0)21 422 5200
www.arup.ie

Job Title
Maynooth to Leixlip Project

Scale at A1
1:1000

Role
Civil - Highways

Date
January 2024

P01	17/01/2024	KD	GH	SB
Issued For Information (Status S2)				
Issue	Date	By	Chkd	Appd

Drawing Title
J7 Preferred Option Plan and Profile Sheet 02 of 07

Suitability
S2 - Suitable for Information

Job No:	Figure ID:	Rev.:
272691		P01
Drawing No:	272691-ARUP-02-CF-SK-Z-000045	



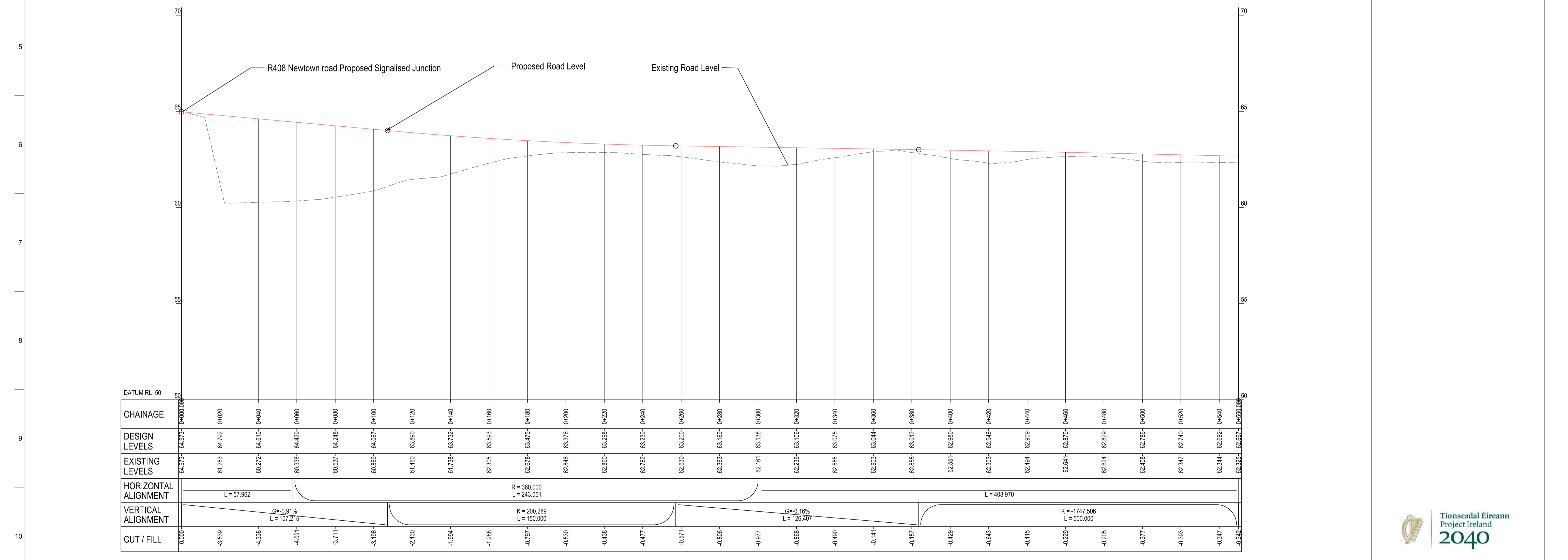
FOR INFORMATION

- Legend - Plan**
- Bituminous Road
 - Cut
 - Fill
 - Verge
 - Active Travel Facility
 - Buffer Line

Cut Volumes:
 MOOR L5041-R408 - 4,420m³
 MOOR R408-R406 - 8,226m³
 EB Slip Road - 11,450m³
 WB Slip Road - 2,513m³

Fill Volumes:
 MOOR L5041-R408 - 7,138m³
 MOOR R408-R406 - 17,466m³
 EB Slip Road - 20m³
 WB Slip Road - 70m³

- Notes:**
- Junction 7 Maynooth
 - Improve and Optimise Existing Junction
 - Westbound Diverge to be realigned and signalised
 - Eastbound Diverge to be realigned and signalised
 - Maynooth Outer Orbital Route (MOOR) to be incorporated



Notes

Do not scale

Clients

Key Plan

Consultant

One Albert Quay
Cork, T12 X8N6
Ireland

Tel +353 (0)21 422 5200
www.arup.ie

Job Title
Maynooth to Leixlip Project

Scale at A1
1:1000

Role
Civil - Highways

Date
January 2024

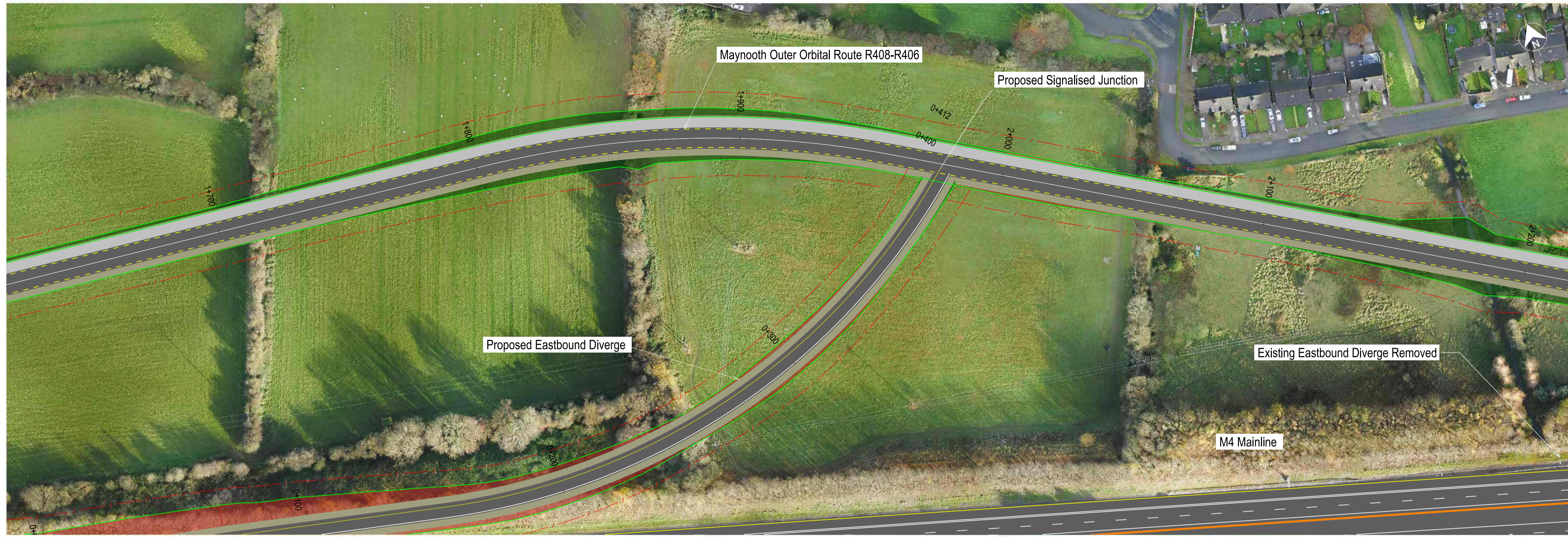
Drawing Title
J7 Preferred Option
Plan and Profile
Sheet 03 of 07

Suitability
S2 - Suitable for Information

Job No	Figure ID	Rev.
272691		P01

Drawing No
272691-ARUP-02-CF-SK-Z-000046

A1
1
2
3
4
5
6
7
8
9
10



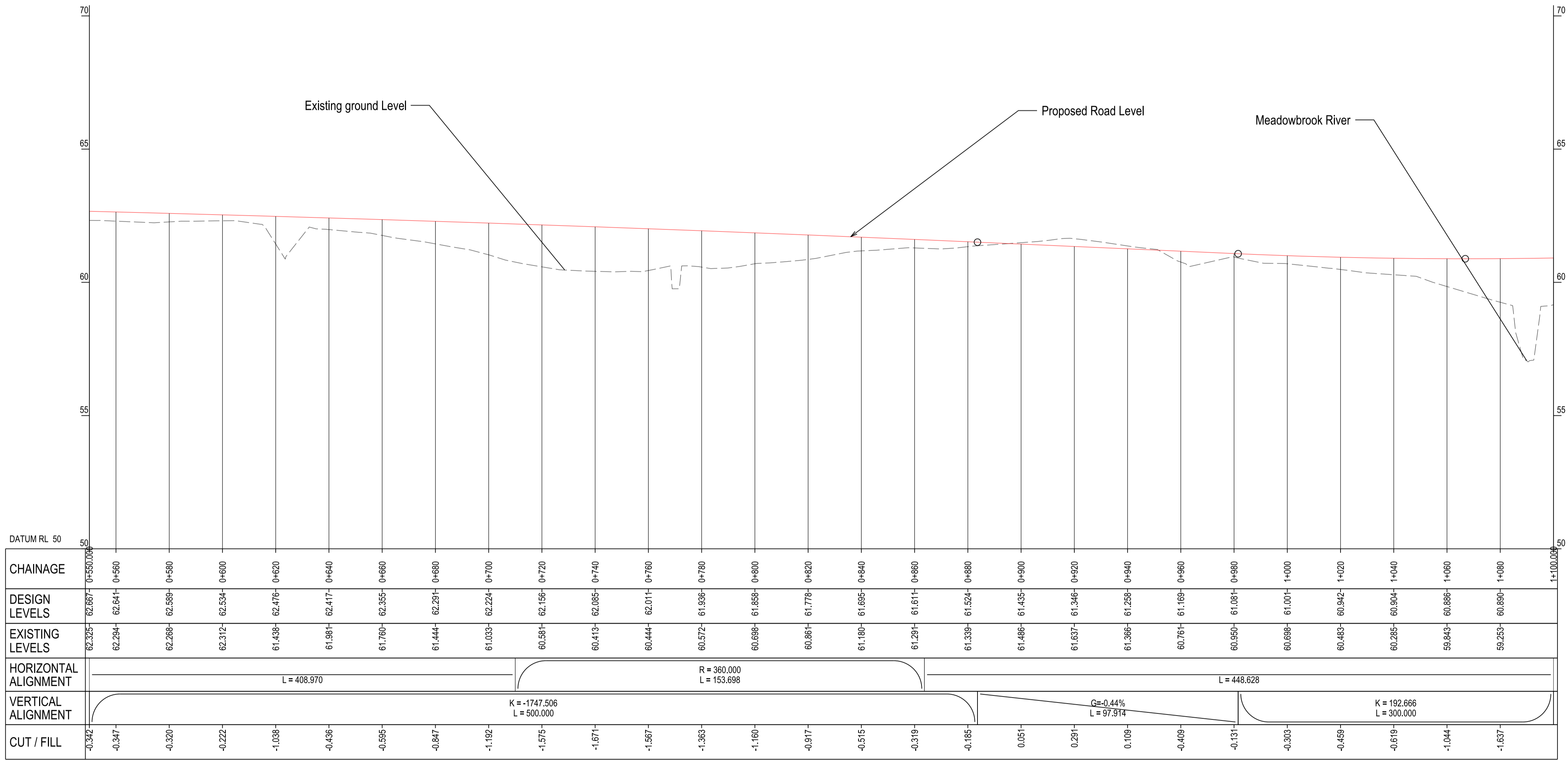
FOR INFORMATION

- Legend - Plan**
- Bituminous Road
 - Cut
 - Fill
 - Verge
 - Active Travel Facility
 - Buffer Line

Cut Volumes:
 MOOR L5041-R408 - 4,420m³
 MOOR R408-R406 - 8,226m³
 EB Slip Road - 11,450m³
 WB Slip Road - 2,513m³

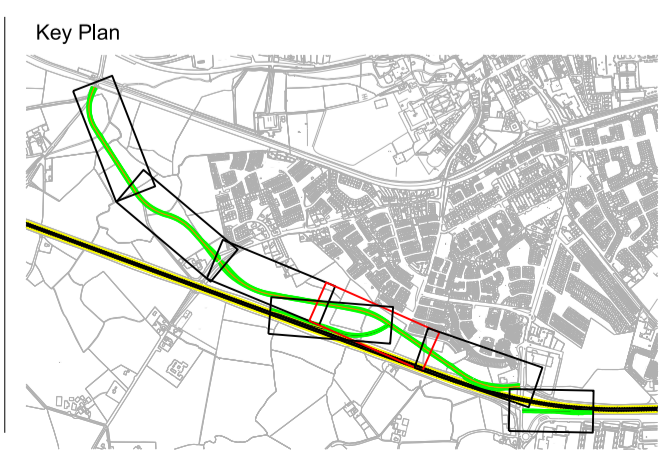
Fill Volumes:
 MOOR L5041-R408 - 7,138m³
 MOOR R408-R406 - 17,466m³
 EB Slip Road - 20m³
 WB Slip Road - 70m³

- Notes:**
- Junction 7 Maynooth
 - Improve and Optimise Existing Junction
 - Westbound Diverge to be realigned and signalised
 - Eastbound Diverge to be realigned and signalised
 - Maynooth Outer Orbital Route (MOOR) to be incorporated



Notes

Clients



Consultant

One Albert Quay
Cork, T12 X8N6
Ireland

Tel +353 (0)21 422 5200
www.arup.ie

Job Title
Maynooth to Leixlip Project

Scale at A1
1:1000

Role
Civil - Highways

Date
January 2024

Issue	Date	By	Chkd	Appd
P01	17/01/2024	KD	GH	SB

Drawing Title
J7 Preferred Option
Plan and Profile
Sheet 04 of 07

Suitability
S2 - Suitable for Information

Job No	Figure ID	Rev.
272691		P01

Drawing No
272691-ARUP-02-CF-SK-Z-000047



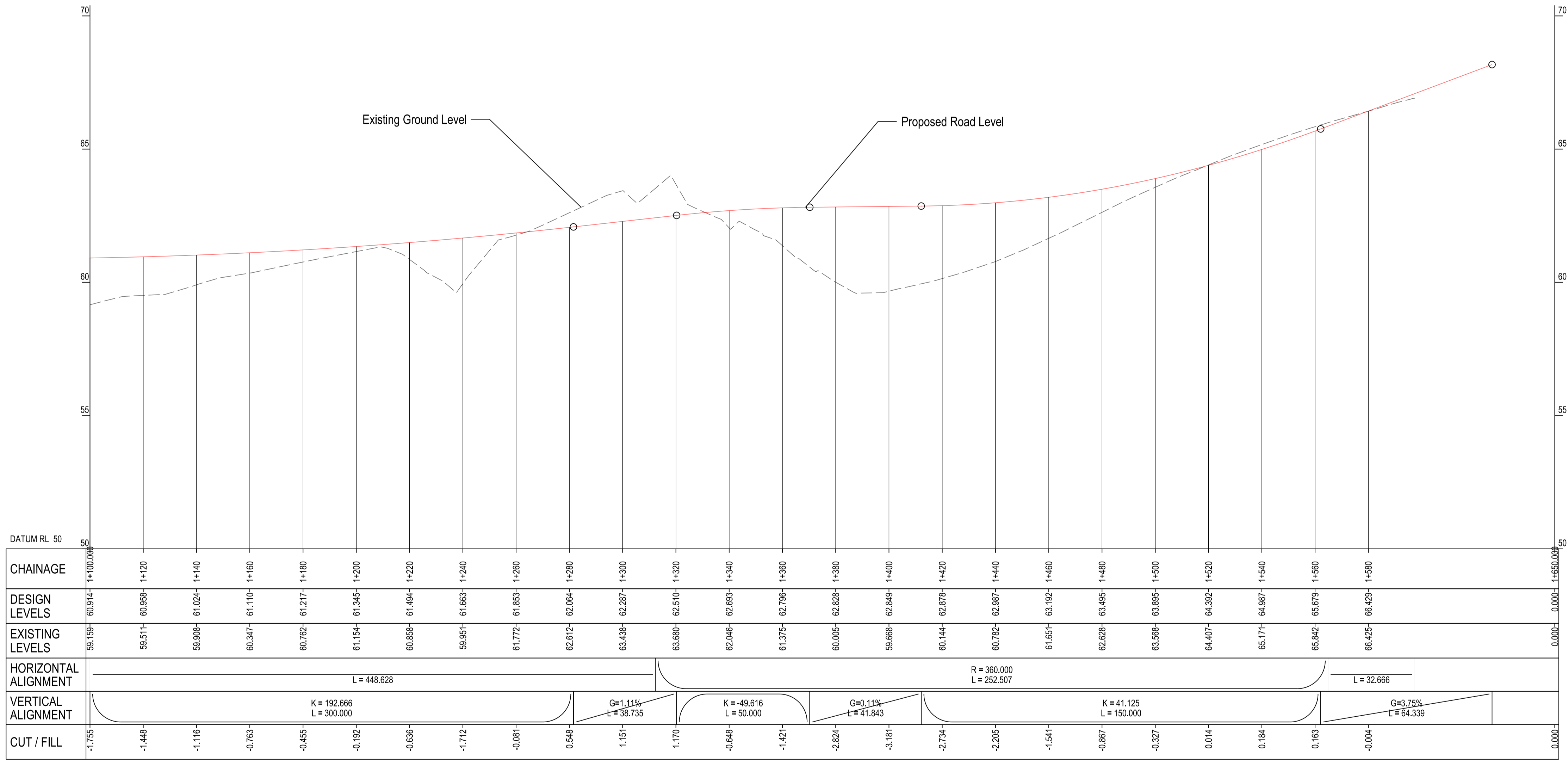
FOR INFORMATION

- Legend - Plan**
- Bituminous Road
 - Cut
 - Fill
 - Verge
 - Active Travel Facility
 - Buffer Line

Cut Volumes:
 MOOR L5041-R408 - 4,420m³
 MOOR R408-R406 - 8,226m³
 EB Slip Road - 11,450m³
 WB Slip Road - 2,513m³

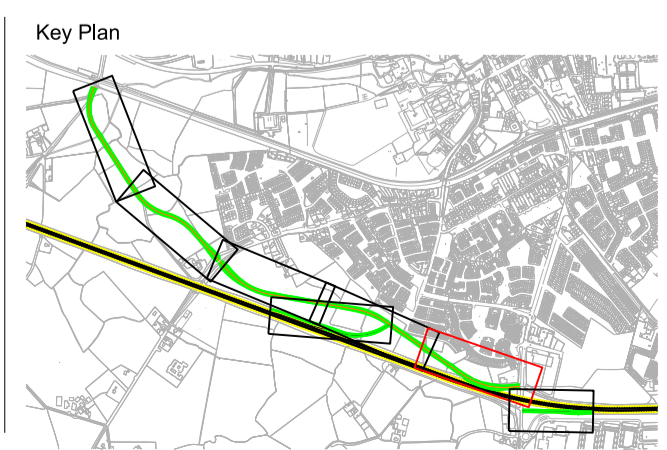
Fill Volumes:
 MOOR L5041-R408 - 7,138m³
 MOOR R408-R406 - 17,466m³
 EB Slip Road - 20m³
 WB Slip Road - 70m³

- Notes:**
- Junction 7 Maynooth
 - Improve and Optimise Existing Junction
 - Westbound Diverge to be realigned and signalised
 - Eastbound Diverge to be realigned and signalised
 - Maynooth Outer Orbital Route (MOOR) to be incorporated



Notes

Clients



Consultant

ARUP

One Albert Quay
Cork, T12 X8N6
Ireland

Tel +353 (0)21 422 5200
www.arup.ie

Job Title
Maynooth to Leixlip Project

Scale at A1
1:1000

Role
Civil - Highways

Date
January 2024

Issue	Date	By	Chkd	Appd
P01	17/01/2024	KD	GH	SB

Drawing Title
J7 Preferred Option Plan and Profile Sheet 05 of 07

Suitability
S2 - Suitable for Information

Job No 272691	Figure ID	Rev. P01
-------------------------	-----------	--------------------

Drawing No
272691-ARUP-02-CF-SK-Z-000048

FOR INFORMATION



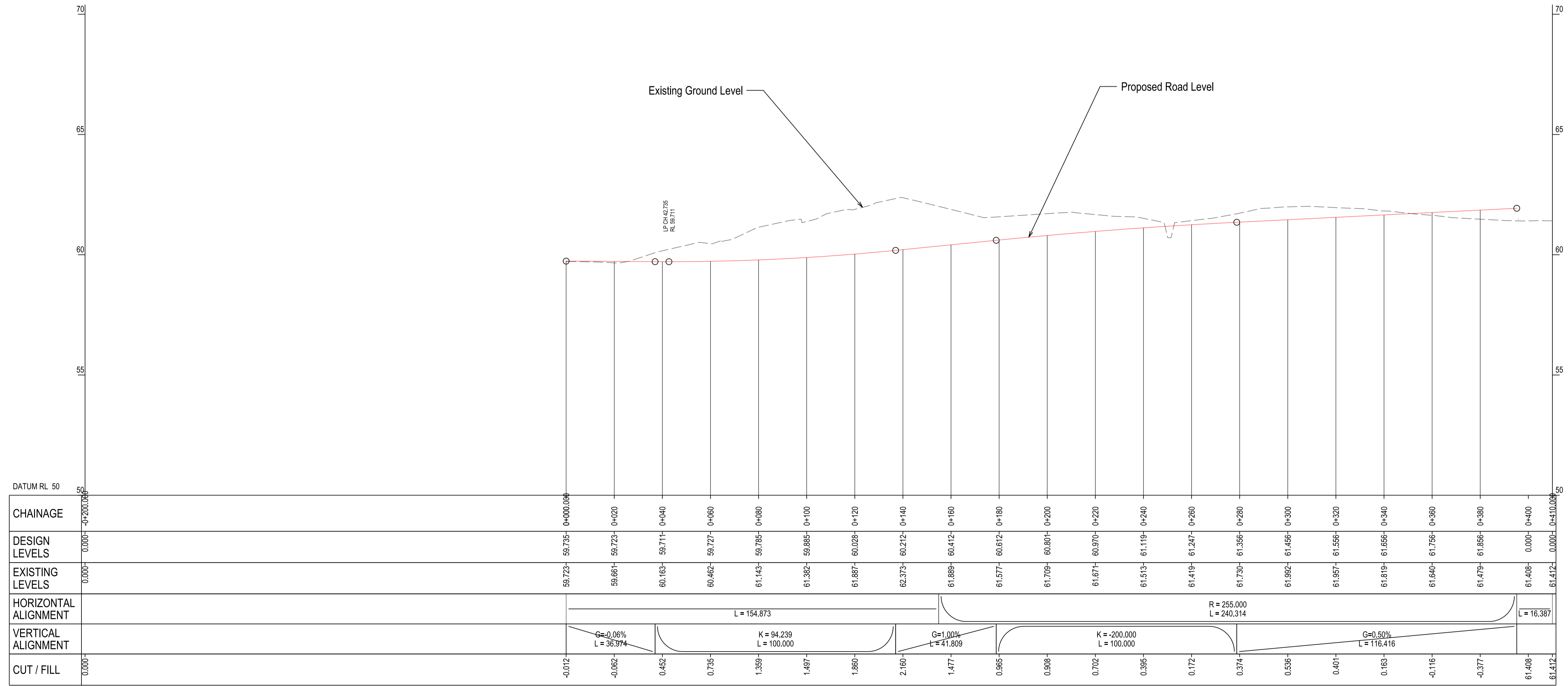
Legend - Plan

- Bituminous Road
- Cut
- Fill
- Verge
- Active Travel Facility
- Buffer Line

Cut Volumes:
 MOOR L5041-R408 - 4,420m³
 MOOR R408-R406 - 8,226m³
 EB Slip Road - 11,450m³
 WB Slip Road - 2,513m³

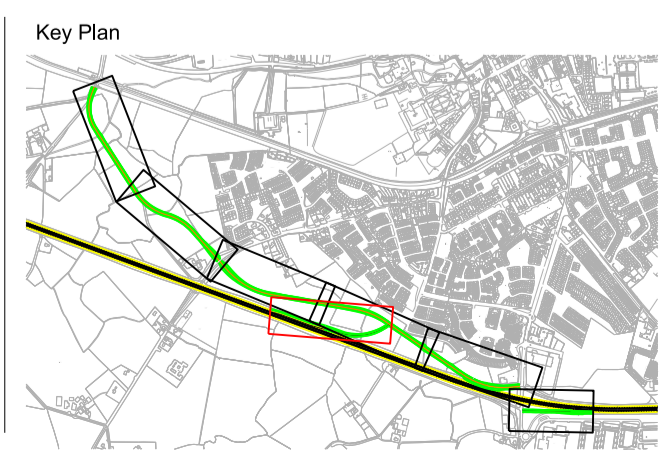
Fill Volumes:
 MOOR L5041-R408 - 7,138m³
 MOOR R408-R406 - 17,466m³
 EB Slip Road - 20m³
 WB Slip Road - 70m³

- Notes:**
- Junction 7 Maynooth
 - Improve and Optimise Existing Junction
 - Westbound Diverge to be realigned and signalised
 - Eastbound Diverge to be realigned and signalised
 - Maynooth Outer Orbital Route (MOOR) to be incorporated



Notes

Clients



Consultant

One Albert Quay
Cork, T12 X8N6
Ireland

Tel +353 (0)21 422 5200
www.arup.ie

Job Title
Maynooth to Leixlip Project

Scale at A1
1:1000

Role
Civil - Highways

Date
January 2024

P01	17/01/2024	KD	GH	SB
Issued For Information (Status S2)				
Issue	Date	By	Chkd	Appd

Drawing Title
J7 Preferred Option Plan and Profile Sheet 06 of 07

Suitability
S2 - Suitable for Information

Job No	Figure ID	Rev.
272691		P01

Drawing No
272691-ARUP-02-CF-SK-Z-000049



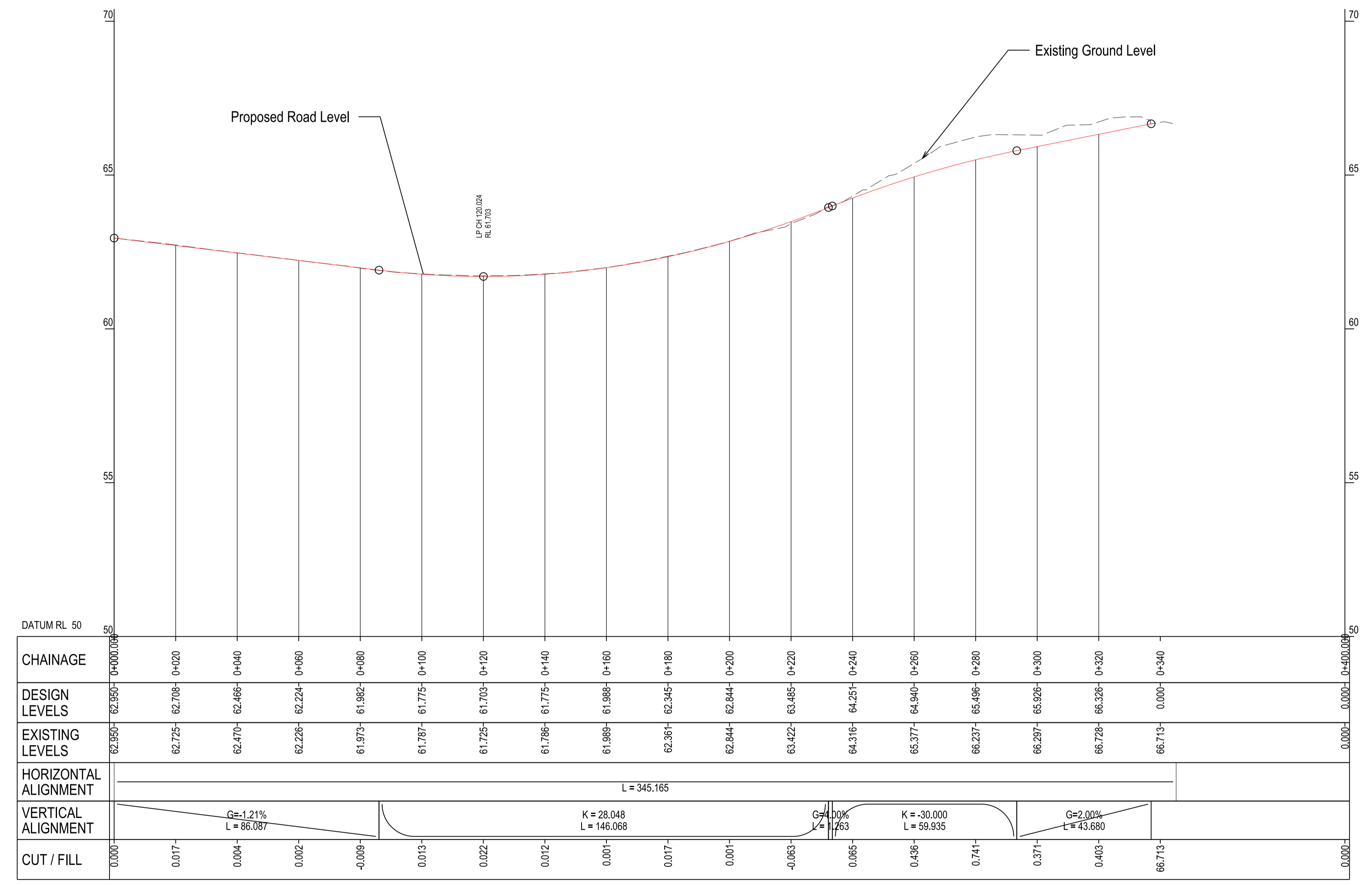
FOR INFORMATION

- Legend - Plan**
- Bituminous Road
 - Cut
 - Fill
 - Verge
 - Active Travel Facility
 - Buffer Line

Cut Volumes:
 MOOR L5041-R408 - 4,420m³
 MOOR R408-R406 - 8,226m³
 EB Slip Road - 11,450m³
 WB Slip Road - 2,513m³

Fill Volumes:
 MOOR L5041-R408 - 7,138m³
 MOOR R408-R406 - 17,466m³
 EB Slip Road - 20m³
 WB Slip Road - 70m³

- Notes:**
- Junction 7 Maynooth
 - Improve and Optimise Existing Junction
 - Westbound Diverge to be realigned and signalised
 - Eastbound Diverge to be realigned and signalised
 - Maynooth Outer Orbital Route (MOOR) to be incorporated



Notes

Clients

Udarás Náisiúnta Iompair
 National Transport Authority

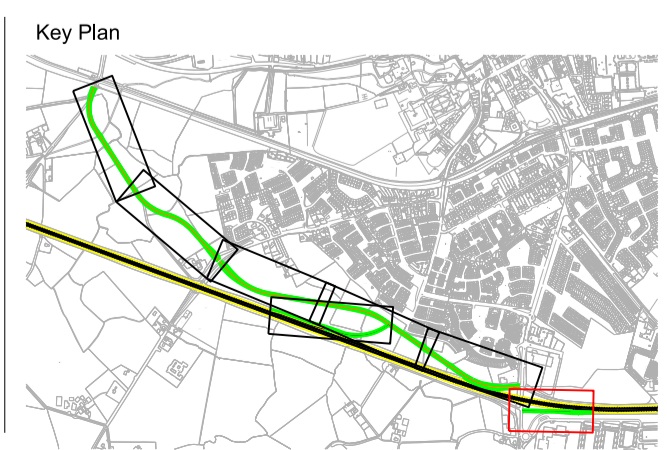
Bóinnéagar Iompair Éireann
 Transport Infrastructure Ireland

An Roinn Iompair
 Department of Transport

Comhairle Contae
 Átha Cliath Theas
 South Dublin County Council

KILDARE
 NATIONAL ROADS OFFICE

Kildare County Council
 Comhairle Contae Chill Dara



Consultant

ARUP
 One Albert Quay
 Cork, T12 X8N6
 Ireland
 Tel +353 (0)21 422 5200
 www.arup.ie

Job Title
 Maynooth to Leixlip
 Project

Scale at A1
 1:1000

Role
 Civil - Highways

Date
 January 2024

Issue	Date	By	Chkd	Appd

Drawing Title
**J7 Preferred Option
 Plan and Profile
 Sheet 07 of 07**

Suitability
S2 - Suitable for Information

Job No	Figure ID	Rev.
272691		P01

Drawing No
272691-ARUP-02-CF-SK-Z-000050

A1
1
2
3
4
5
6
7
8
9
10



FOR INFORMATION

- Legend - Plan**
- Bituminous Road
 - Cut
 - Fill
 - Verge
 - Active Travel Facility
 - Buffer Line

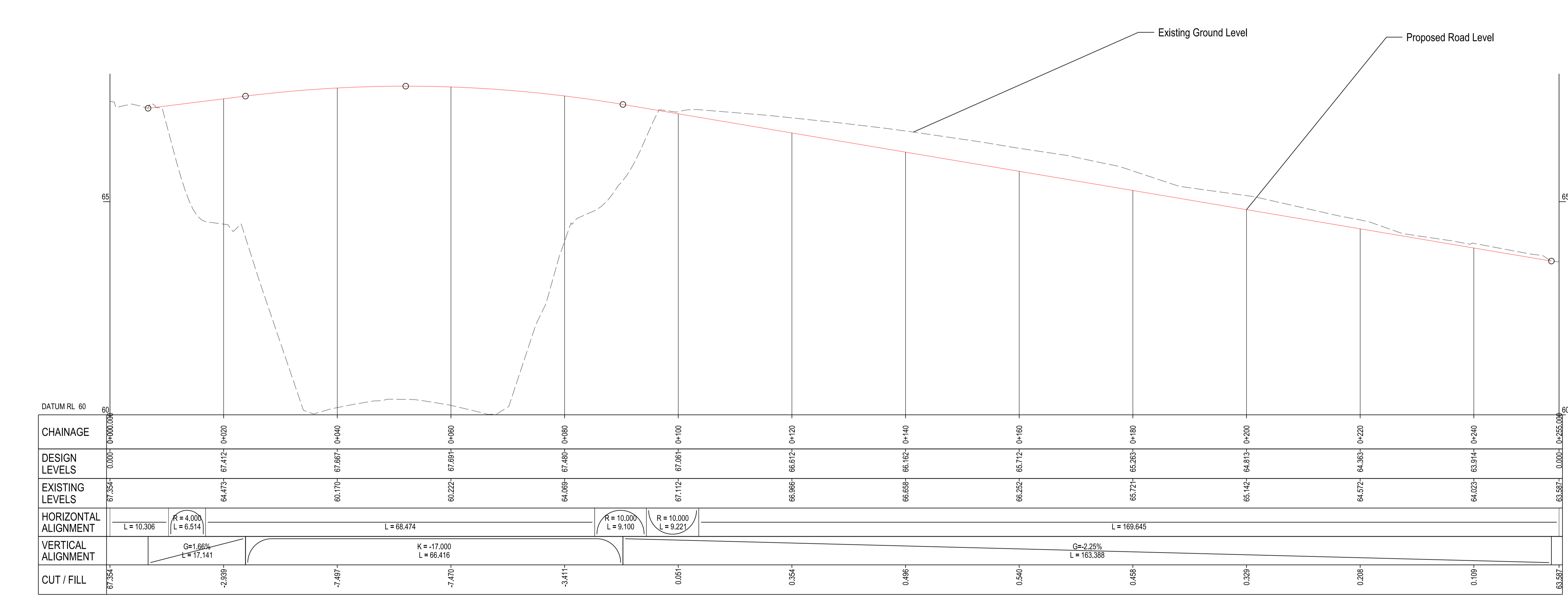
Cut Volumes:
75.33m³

Fill Volumes:
2430.70m³

Head Clearance:
Chainage 40 - 6.00m
Chainage 60 - 5.97m

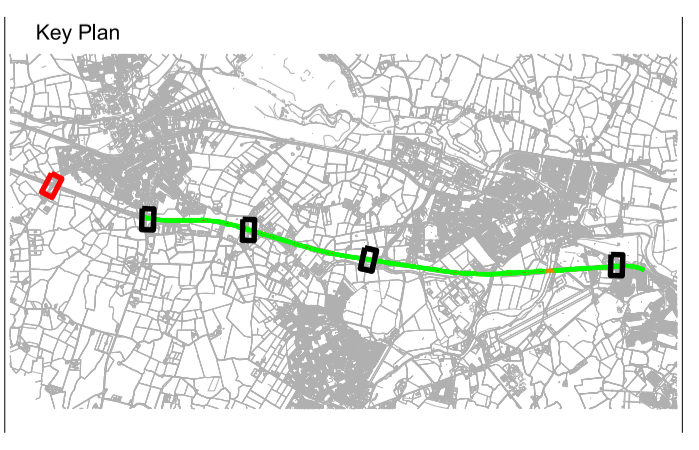
Notes:

R408 - Active Travel Structure
New Active Travel Structure to the east of the existing structure



Notes

Clients



Consultant

One Albert Quay
Cork, T12 X8N6
Ireland

Tel +353 (0)21 422 5200
www.arup.ie

Job Title
Maynooth to Leixlip Project

Scale at A1
1:400

Role
Civil - Highways

Date
January 2024

Issue	Date	By	Chkd	Appd
P01	17/01/2024	KD	GH	SB

Drawing Title
R408 AT Preferred Option - East Plan and Profile
Sheet 01 of 01

Suitability
S2 - Suitable for Information

Job No: 272691	Figure ID	Rev. P01
-------------------	-----------	-------------

Drawing No
272691-ARUP-02-CF-SK-Z-000051

FOR INFORMATION

Legend - Plan

- Bituminous Road
- Cut
- Fill
- Verge
- Active Travel Facility
- Buffer Line

Cut Volumes:

137.87m³

Fill Volumes:

594.74m³

Head Clearance:

Chainage 140 - 4.34m

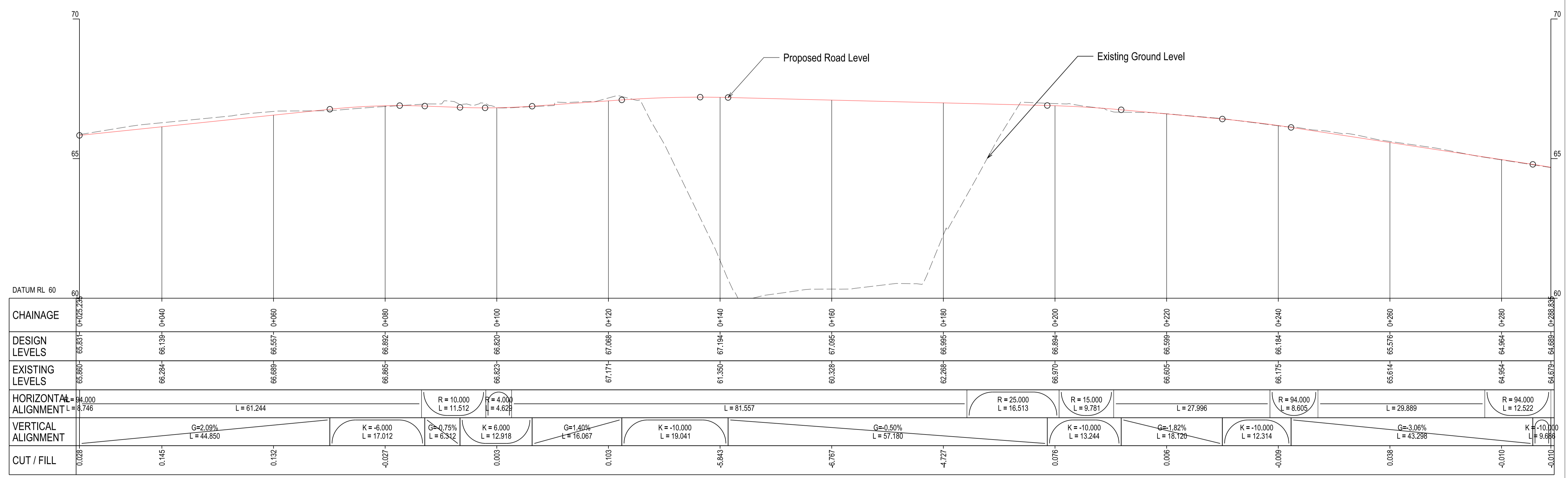
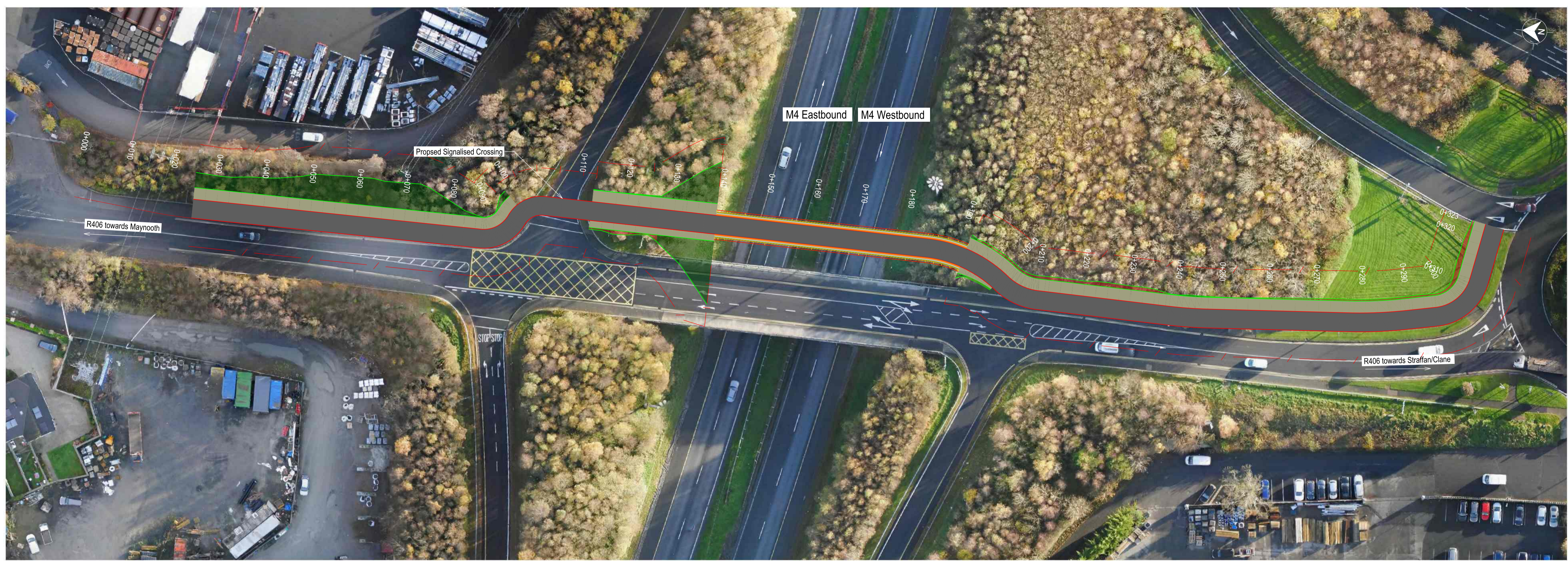
Chainage 160 - 5.27m

Chainage 180 - 3.23m

Notes:

J7 - Active Travel Structure

New Active Travel Structure to the east of the existing structure



Notes

Clients

Key Plan

Consultant

Job Title
Maynooth to Leixlip Project

Scale at A1
1:500

Role
Civil - Highways

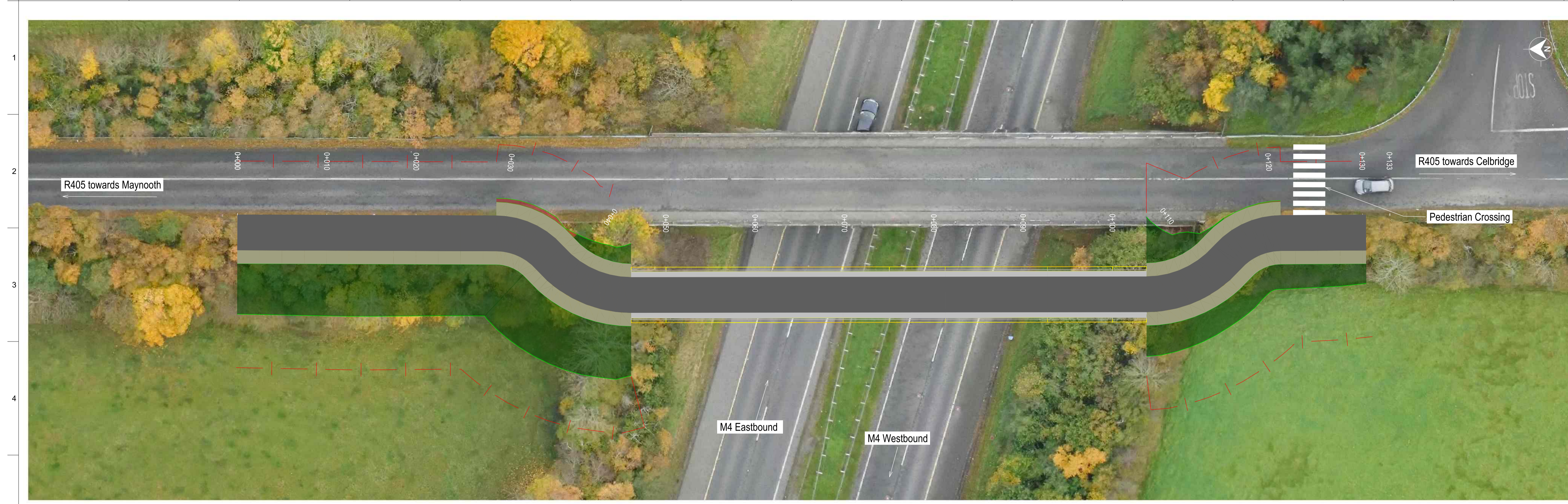
Date
January 2024

Job No
272691

Figure ID
S2 - Suitable for Information

Rev.
P01

Drawing No
272691-ARUP-02-CF-SK-Z-000052



FOR INFORMATION

- Legend - Plan**
- Bituminous Road
 - Cut
 - Fill
 - Verge
 - Active Travel Facility
 - Buffer Line

Cut Volumes:
11.83m³

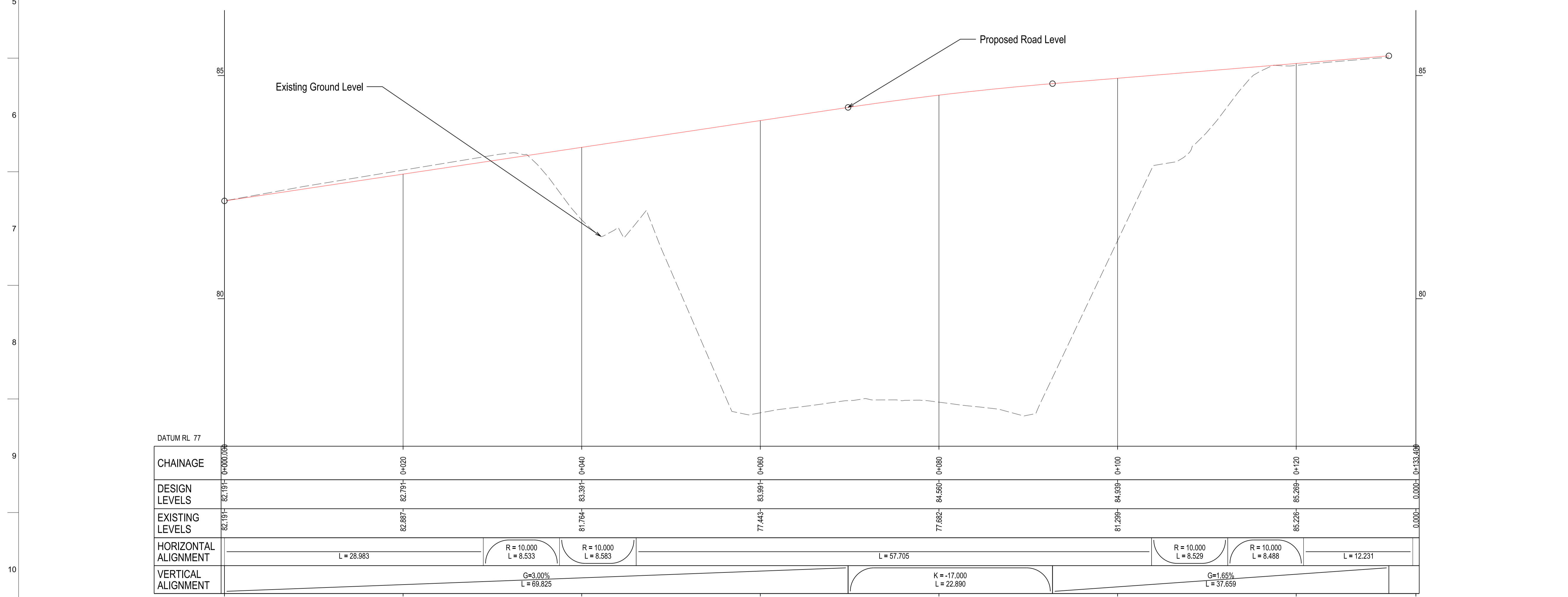
Fill Volumes:
830.47m³

Head Clearance:
Chainage 60 - 5.05m
Chainage 80 - 6.88m

Notes:

R405 - Active Travel Structure

New Active Travel Structure to the west of the existing structure



Notes

Clients

Udarás Náisiúnta Iompair
 National Transport Authority

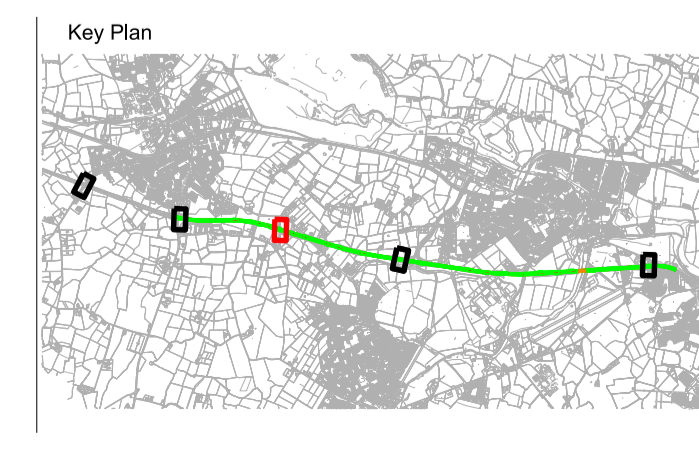
Bunseagar Iompair Éireann
 Transport Infrastructure Ireland

An Roinn Iompair
 Department of Transport

Comhairle Contae
 Átha Cliath Theas
 South Dublin County Council

KILDARE
 nro
 NATIONAL ROADS OFFICE

Kildare County Council
 Comhairle Contae Chill Dara



Consultant

ARUP
 One Albert Quay
 Cork, T12 X8N6
 Ireland
 Tel +353 (0)21 422 5200
 www.arup.ie

Job Title

Maynooth to Leixlip Project

MAYNOOTH TO LEIXLIP PROJECT

Scale at A1: 1:250

Role: Civil - Highways

Date: January 2024

P01	17/01/2024	KD	GH	SB
Issued For Information (Status S2)				
Issue	Date	By	Chkd	Appd

Drawing Title

R405 AT Preferred Option - West Plan and Profile

Sheet 01 of 01

Suitability

S2 - Suitable for Information

Job No:	Figure ID:	Rev.:
272691		P01

Drawing No

272691-ARUP-02-CF-SK-Z-000053