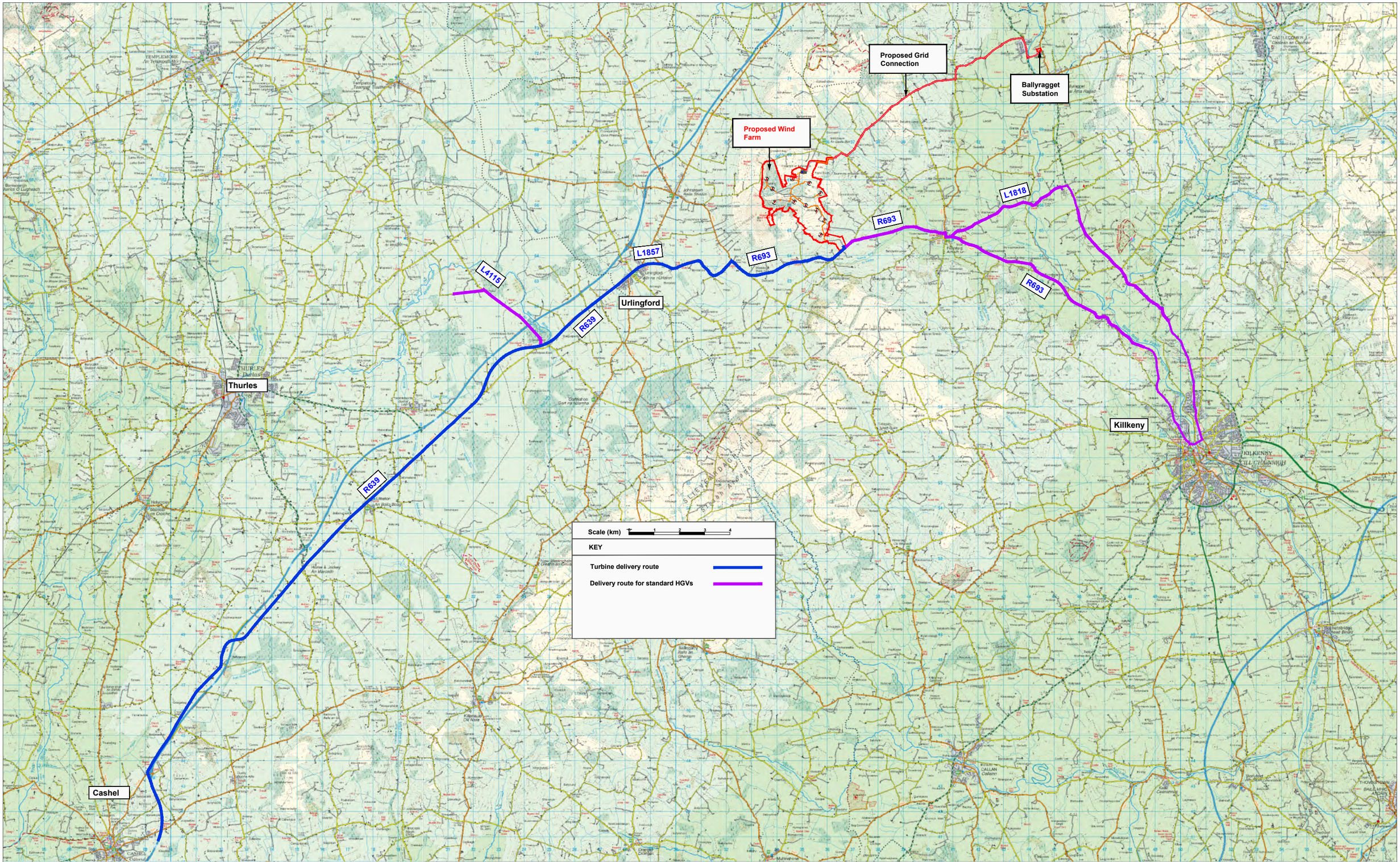
APPENDIX 15-3

Figures



NOTES:

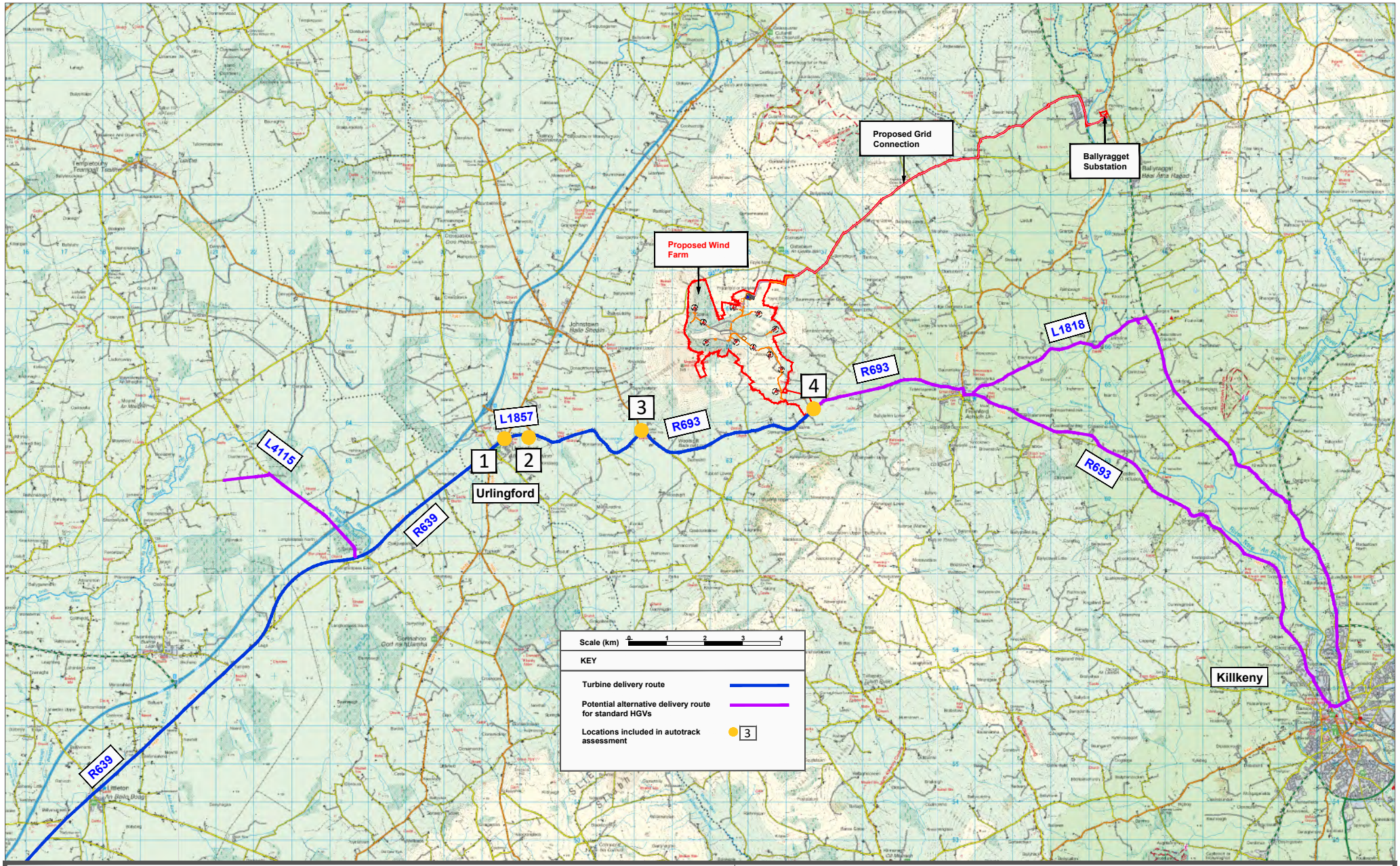
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-1 Site location, turbine delivery route and general construction routes

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	NTS
PROJECT NO: 9931	DATE: 04.09.26	DRAWN BY:	AL

ALAN LIPSCOMBE
TRAFFIC & TRANSPORT CONSULTANTS



NOTES:

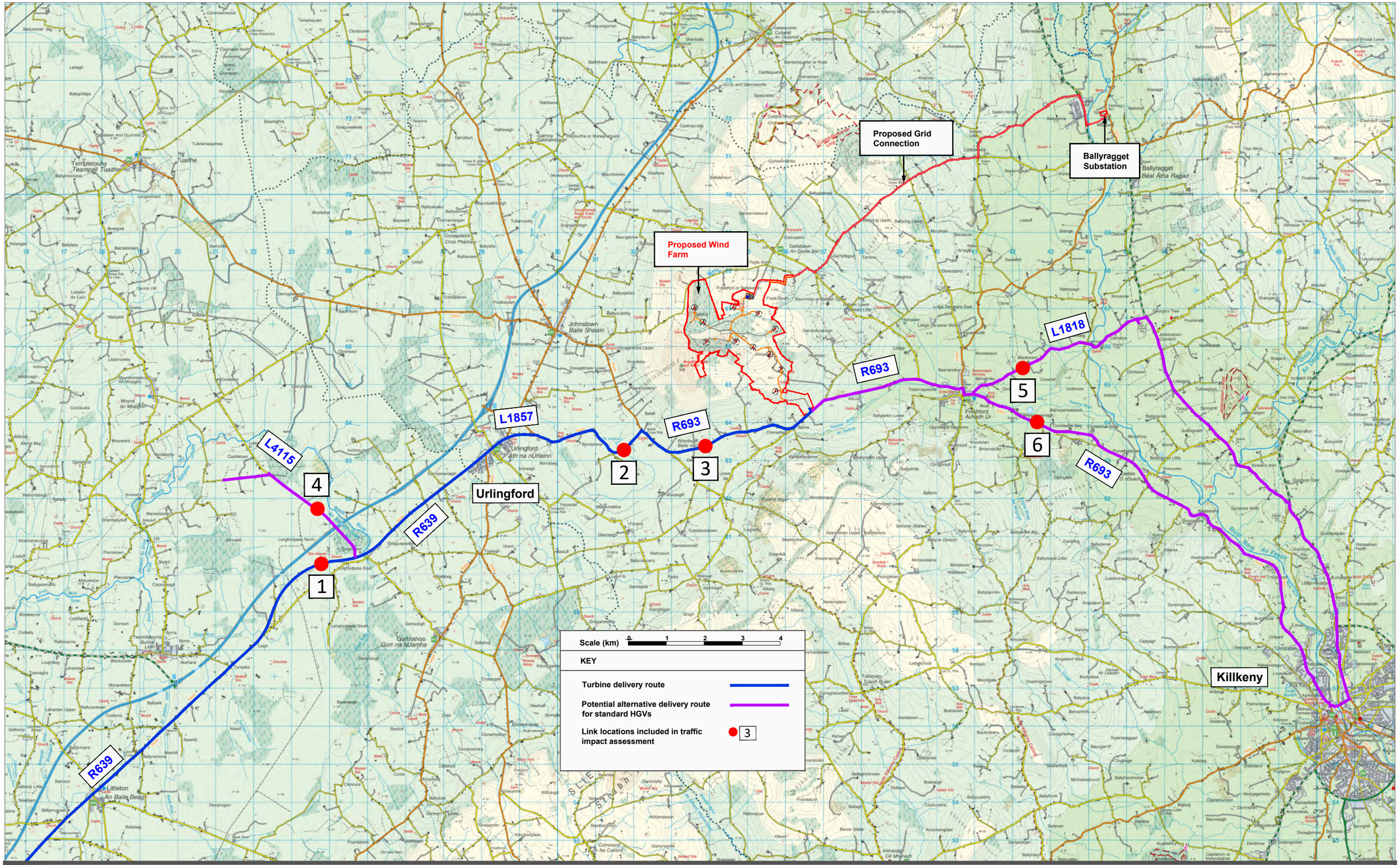
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-2 Locations on TDR included in autotrack assessment

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	NTS
PROJECT NO: 9931	DATE: 28.10.26	DRAWN BY:	AL

ALAN LIPSCOMBE
TRAFFIC & TRANSPORT CONSULTANTS



NOTES:

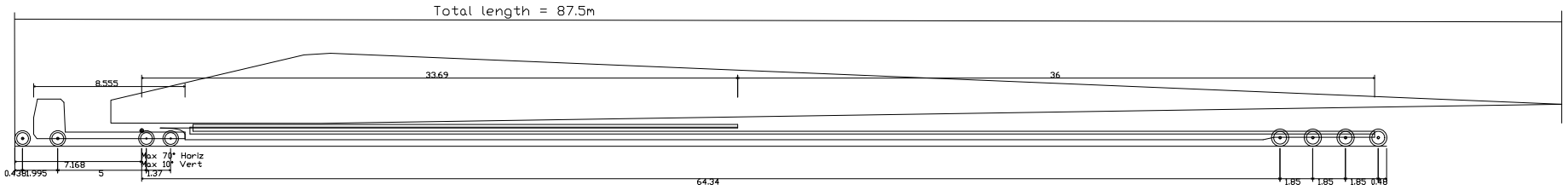
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-3 Link count locations included in traffic impact assessment

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	NTS
PROJECT NO: 9931	DATE: 04.09.26	DRAWN BY:	AL

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81.5m blade

Overall Width	2.550m
Overall Body Height	2.661m
Min Body Ground Clearance	0.375m
Track Width	2.500m
Lock to Lock Time	6.00s
Wall to Wall Turning Radius	9.800m

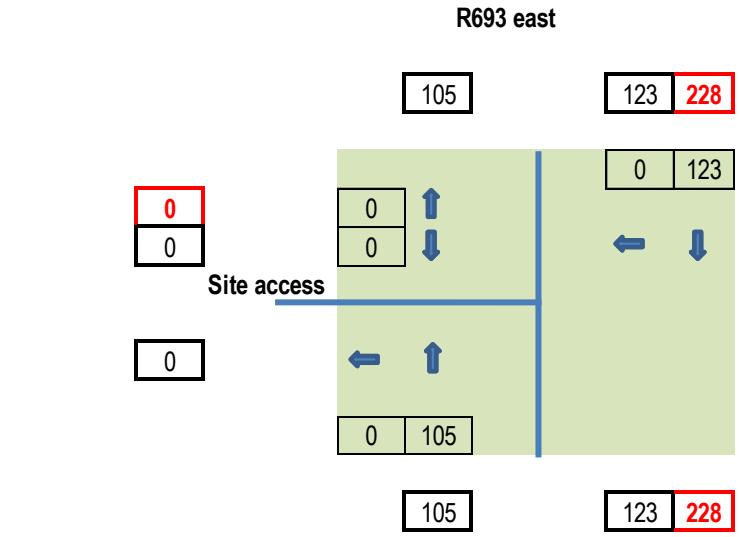
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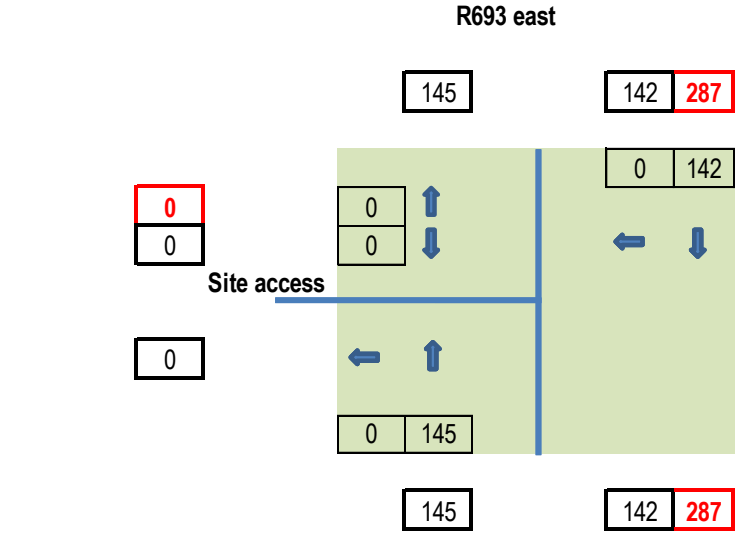
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

FIGURE 15-4 Design blade extended artic profile

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd		SCALE: NTS
PROJECT NO: 9931	DATE: 04.09.26		DRAWN BY: AL

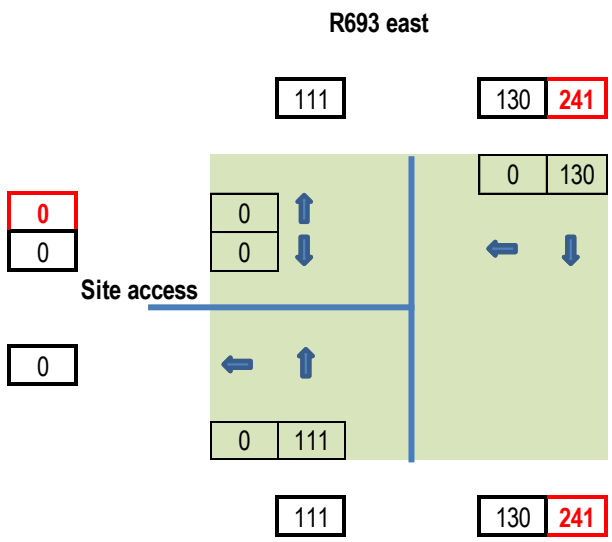
ALAN LIPSCOMBE
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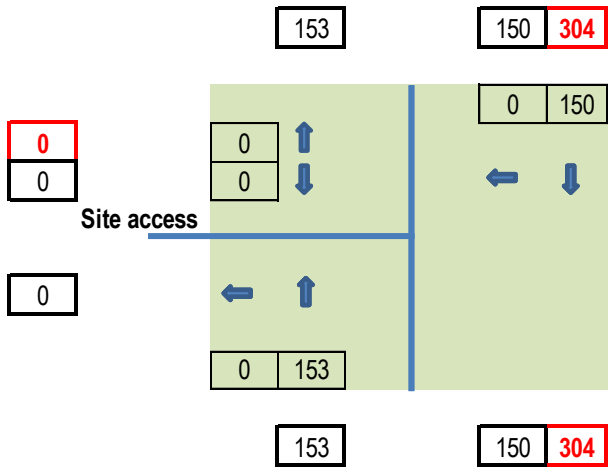
Figure 15-5a Observed traffic flows, R693 / Site access junction
AM and PM peak hours, year 2024, pcus



Background traffic flows
Year 2030
AM peak hour (08:00 to 09:00)
All flows in pcus

R693 west

N693 / Site access junction



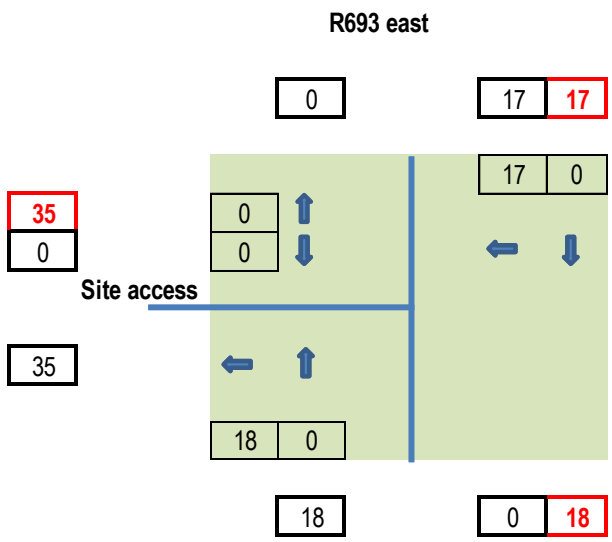
Background traffic flows
Year 2030
PM peak hour (17:00 to 18:00)
All flows in pcus

R693 west

N693 / Site access junction

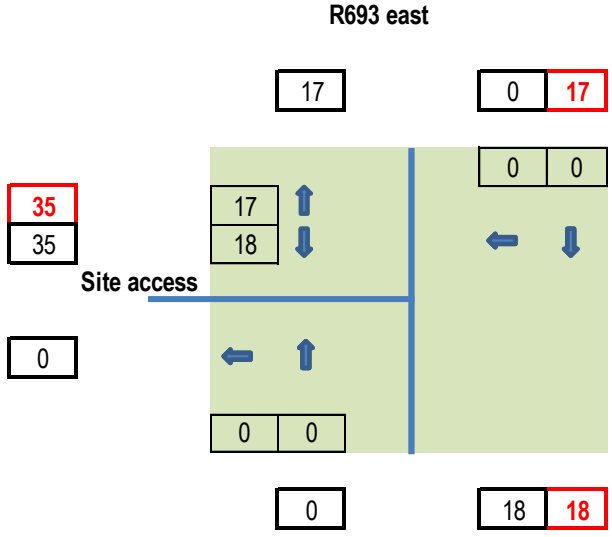
ALAN LIPSCOMBE
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Figure 15-5b Background traffic flows, R693 / Site access junction
AM and PM peak hours, year 2032, pcus



AM peak hour (08:00 to 09:00) N693 / Site access junction

All flows in pcus

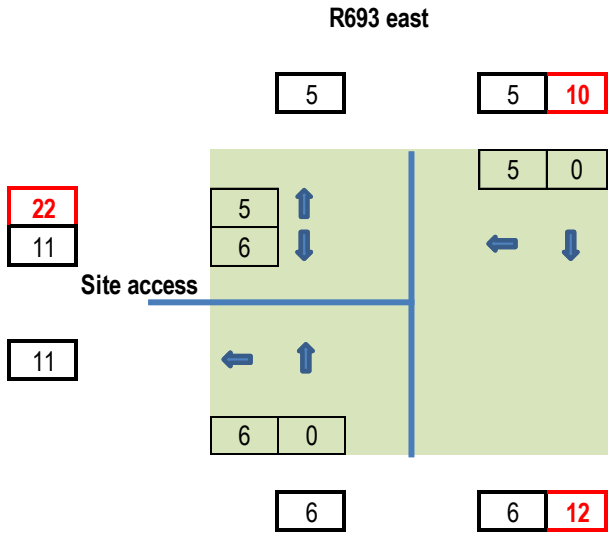


PM peak hour (17:00 to 18:00) N693 / Site access junction

All flows in pcus

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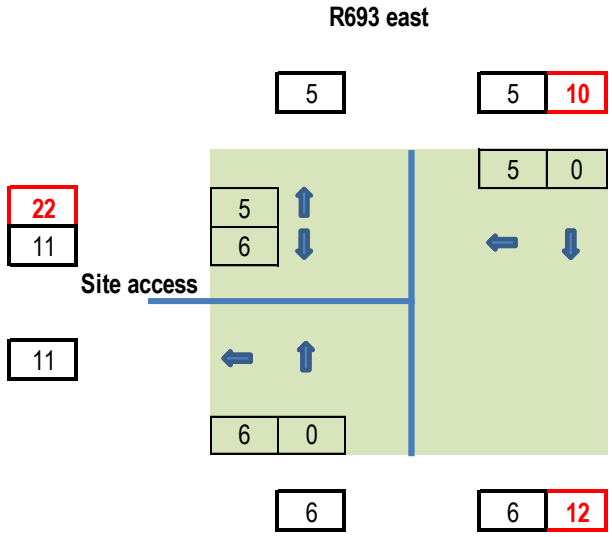
Figure 15-5c Construction staff traffic flows, R693 / Site access junction
AM and PM peak hours, pcus



AM peak hour (08:00 to 09:00)

N693 / Site access junction

All flows in pcus



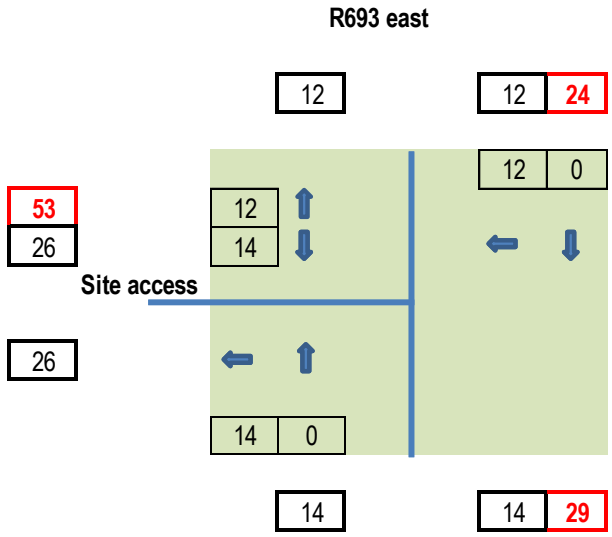
PM peak hour (17:00 to 18:00)

N693 / Site access junction

All flows in pcus

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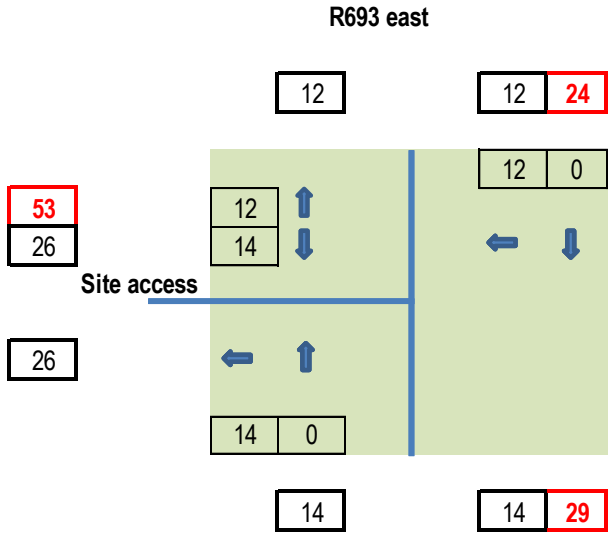
Figure 15-5d Foundation concrete HGV trips, R693 / Site access junction
AM and PM peak hours, HGVs



AM peak hour (08:00 to 09:00)

N693 / Site access junction

All flows in pcus



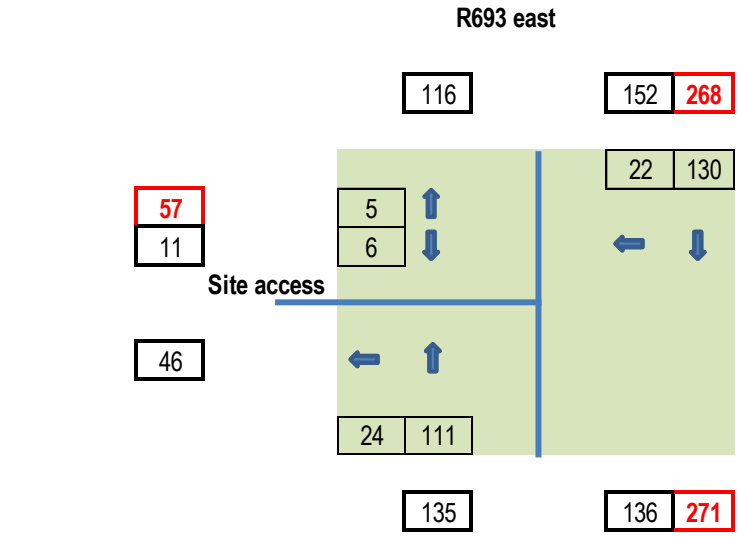
PM peak hour (17:00 to 18:00)

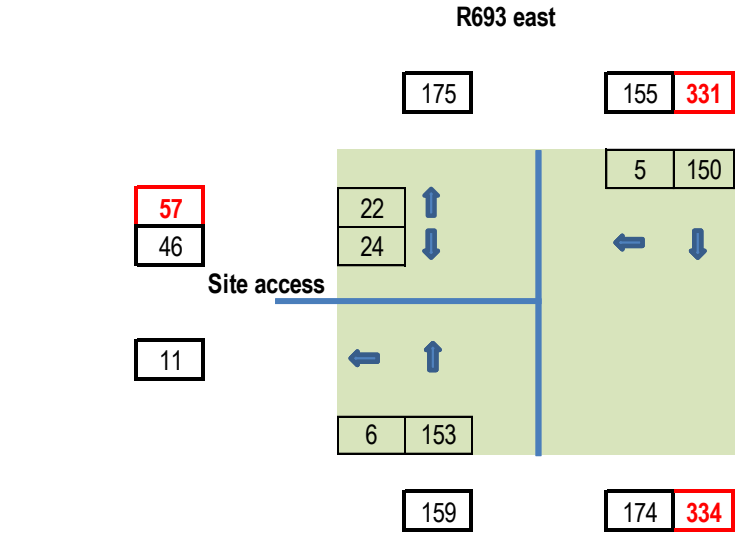
N693 / Site access junction

All flows in pcus

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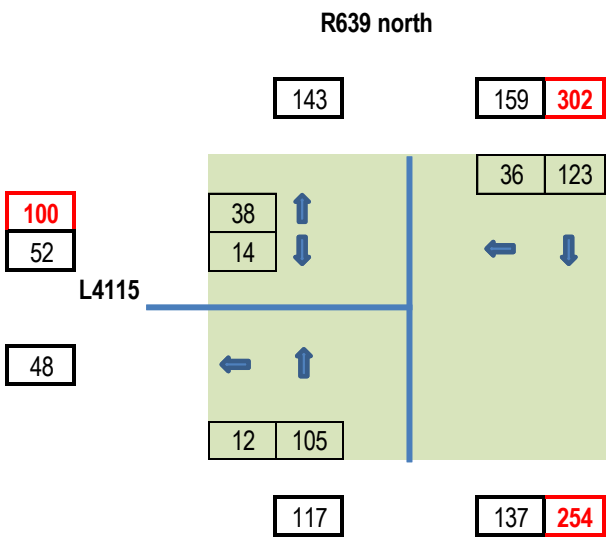
Figure 15-5e Foundation concrete HGV trips, R693 / Site access junction
AM and PM peak hours, pcus

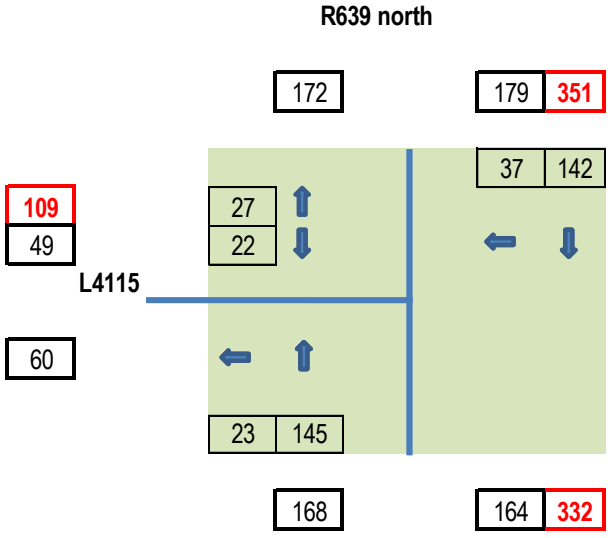




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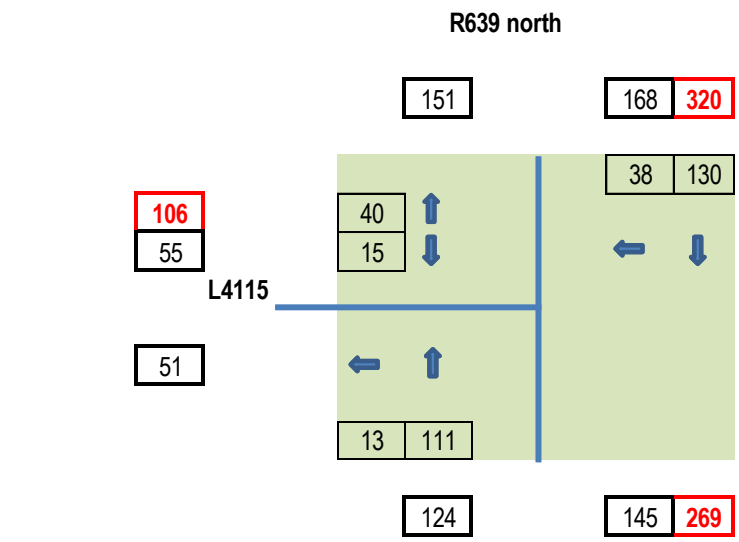
Figure 15-5f With construction traffic flows, R693 / Site access junction
AM and PM peak hours, year 2032, pcus

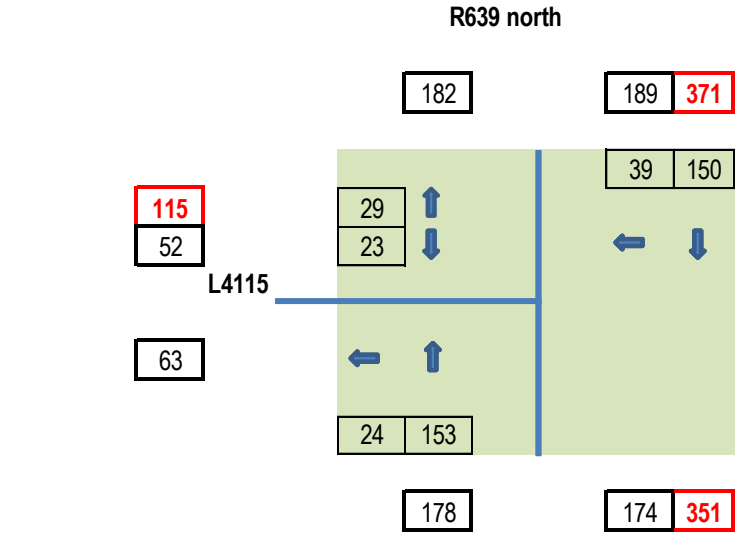




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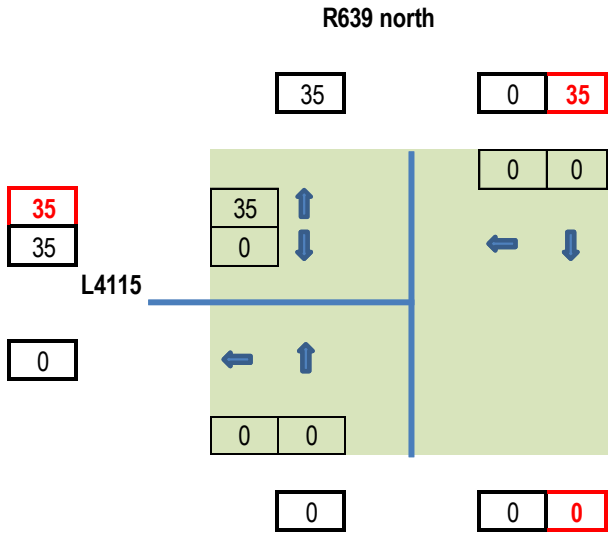
Figure 15-6a Observed traffic flows, R639 / L4115 junction
AM and PM peak hours, year 2024, pcus





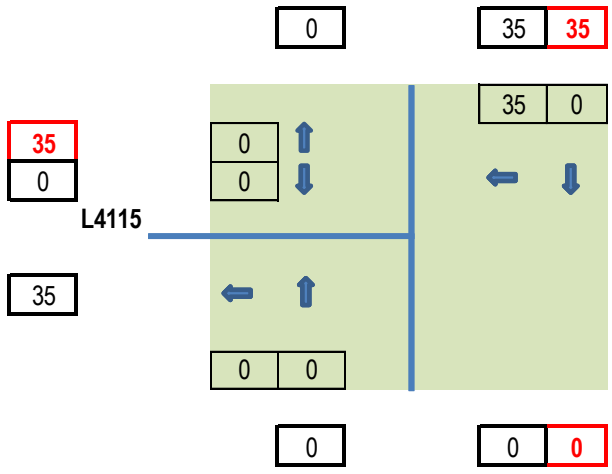
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Figure 15-6b Background traffic flows, R639 / L4115 junction
AM and PM peak hours, year 2032, pcus



AM peak hour (08:00 to 09:00) N639 / L4115 junction

All flows in pcus

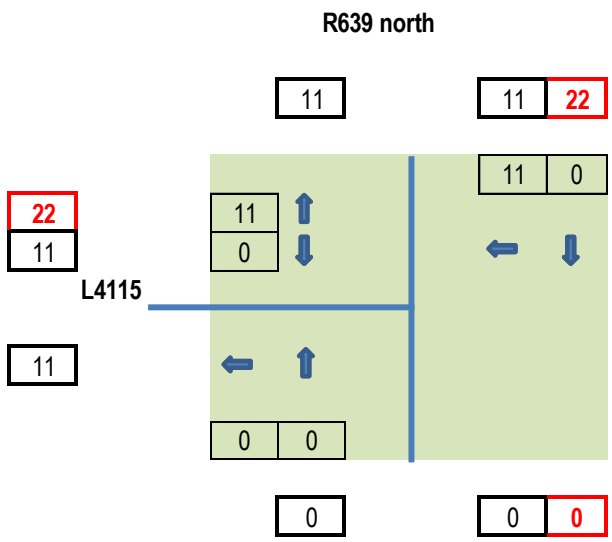


PM peak hour (17:00 to 18:00) N639 / L4115 junction

All flows in pcus

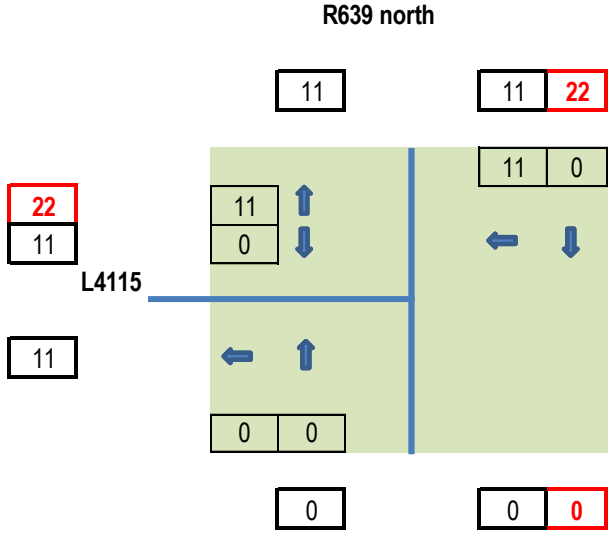
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Figure 15-6c Construction staff traffic flows, R639 / L4115 junction
AM and PM peak hours, pcus



AM peak hour (08:00 to 09:00) N639 / L4115 junction

All flows in pcus

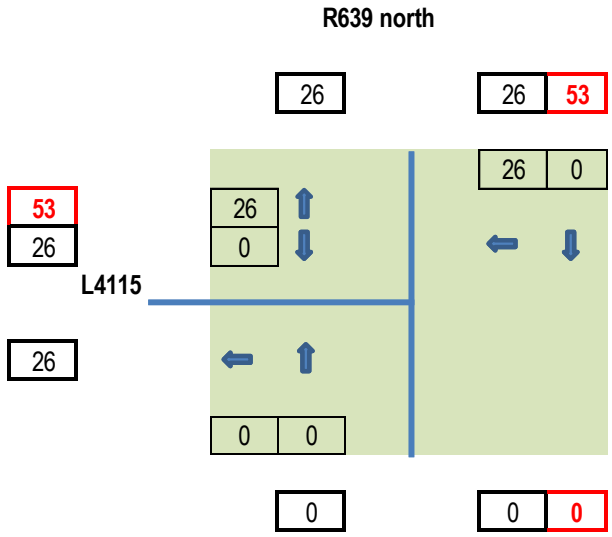


PM peak hour (17:00 to 18:00) N639 / L4115 junction

All flows in pcus

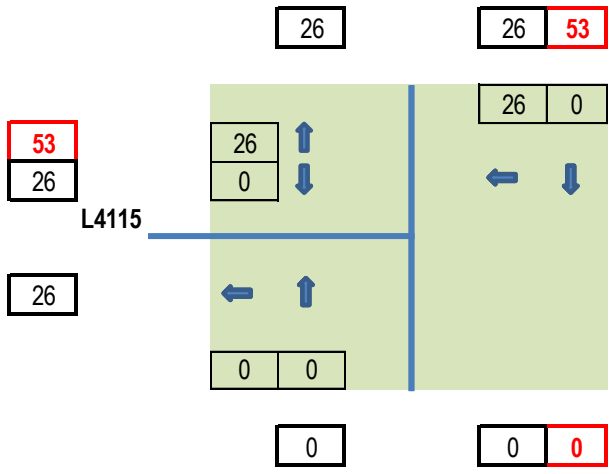
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Figure 15-6d Foundation concrete HGV trips, R639 / L4115 junction
AM and PM peak hours, HGVs



AM peak hour (08:00 to 09:00) N639 / L4115 junction

All flows in pcus

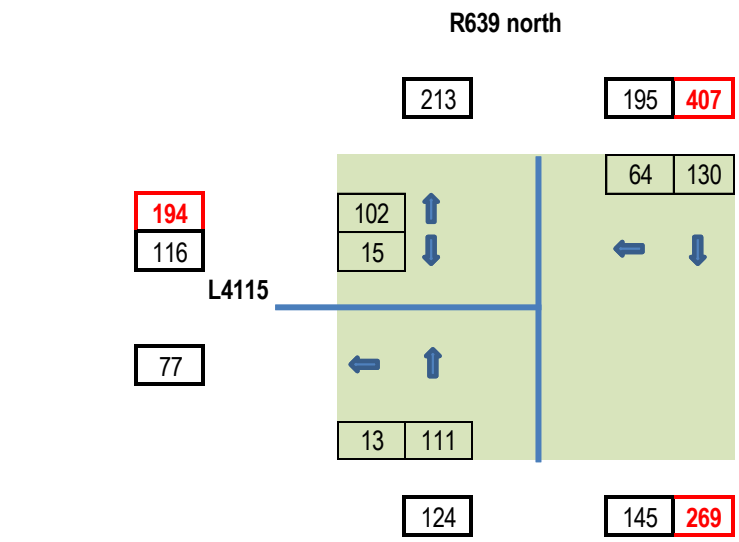


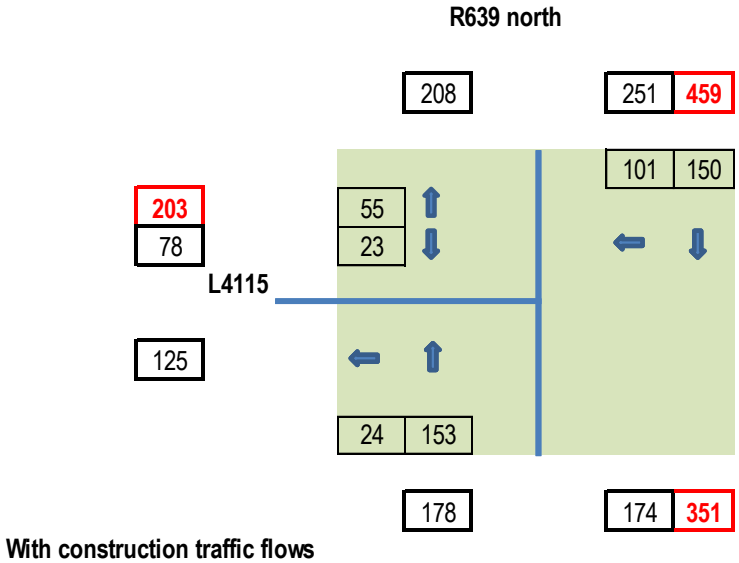
PM peak hour (17:00 to 18:00) N639 / L4115 junction

All flows in pcus

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TRAFFIC & TRANSPORT CONSULTANTS

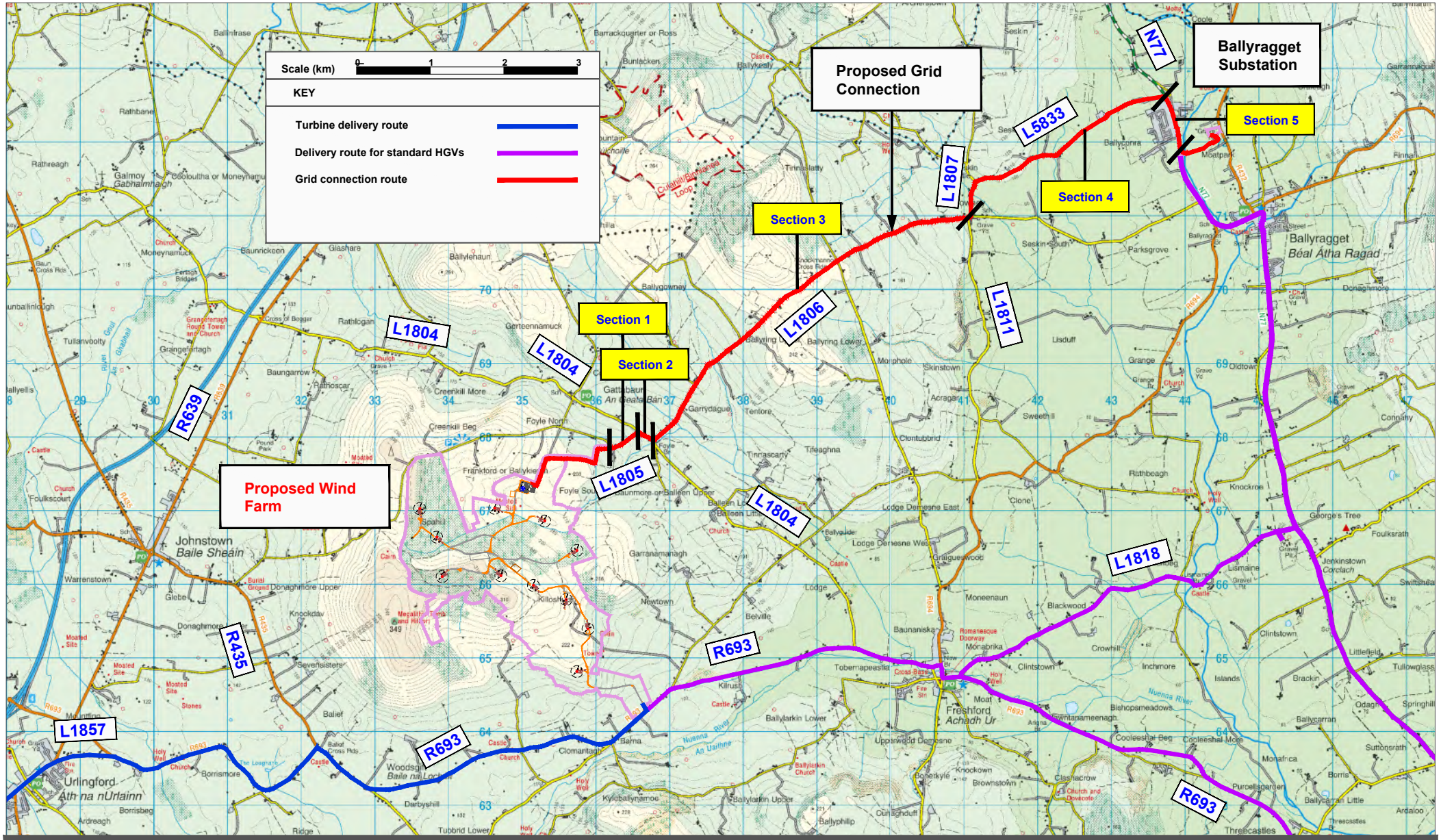
Figure 15-6e Foundation concrete HGV trips, R639 / L4115 junction
AM and PM peak hours, pcus





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Figure 15-6f With construction traffic flows, R639 / L4115 junction
AM and PM peak hours, year 2032, pcus



NOTES:

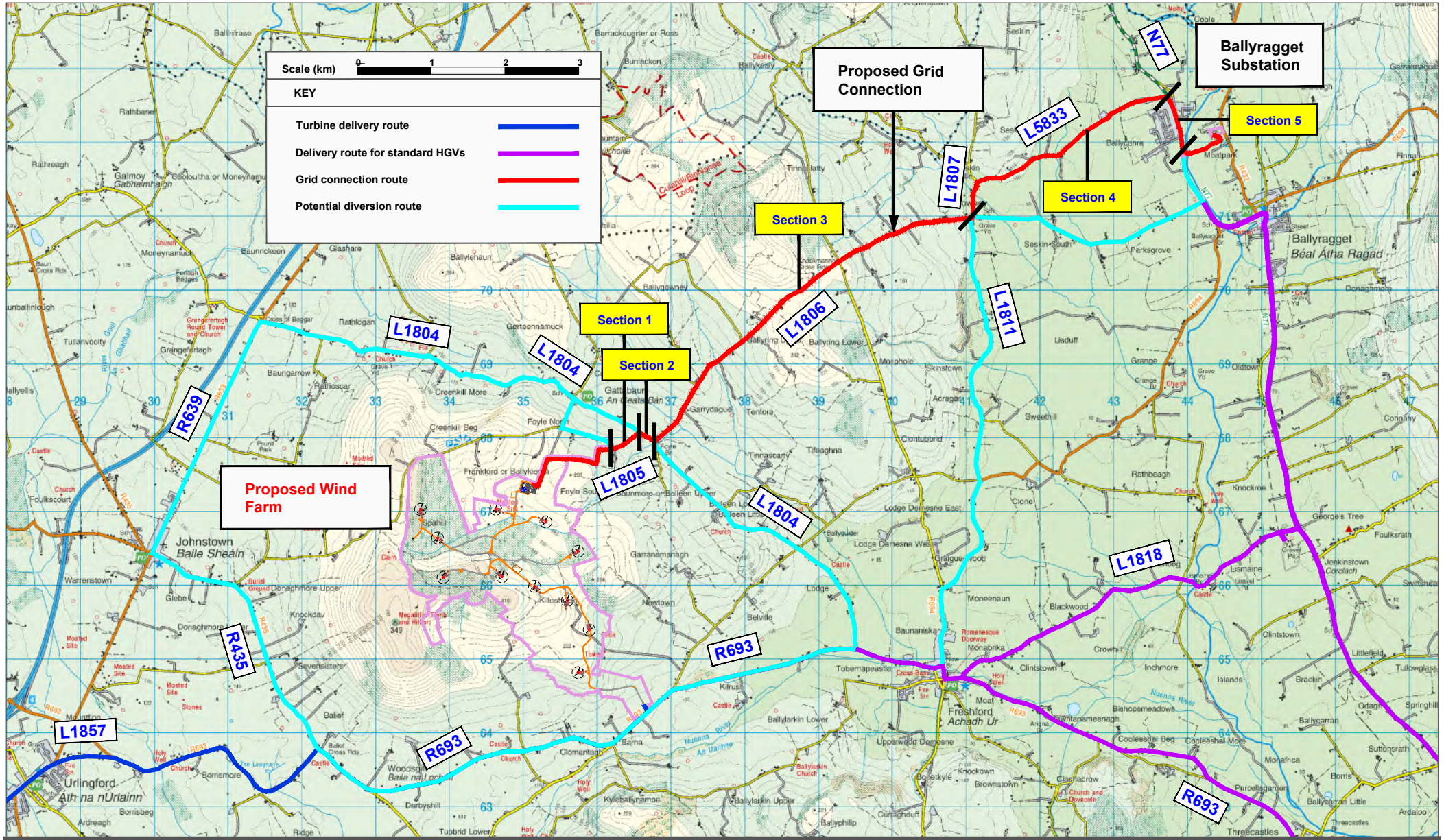
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-7a Proposed grid connection

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	NTS
PROJECT NO: 9931	DATE: 16.09.26	DRAWN BY:	AL

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NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-7b Proposed grid connection - Potential diversion routes

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	NTS
PROJECT NO: 9931	DATE: 16.09.26	DRAWN BY:	AL

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TRAFFIC & TRANSPORT CONSULTANTS



Drawing Legend

- Wheel Base Accommodation
- Blade Oversail
- Truck Body

N

81.5m Blade Standard Vehicle

PROJECT TITLE:

Killoshulan Wind Farm, Co. Kilkenny

DRAWING TITLE:

Location 1 - R639 - Mountfinn Drive, Parkland in Urlingford - Autotrack assessment - Blade extended artic

PROJECT No.:	DRAWING No.:	SCALE:
----	Fig 15.8	N.T.S @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	JF	28.10.2026	

OS SHEET No.:

Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



Drawing Legend

- Wheel Base Accommodation
- Blade Oversail
- Truck Body

81.5m Blade Standard Vehicle

N

PROJECT TITLE:

Killoshulan Wind Farm, Co. Kilkenny

DRAWING TITLE:

Location 2 - L1857 / R693 junction - Autotrack assessment - Blade extended artic

PROJECT No.:		DRAWING No.:	SCALE:
----		Fig 15.9	N.T.S @ A3
DRAWN BY: KD	CHECKED BY: JF	DATE: 28.10.2026	REVISION.:
OS SHEET No.:			

Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



Drawing Legend

- Wheel Base Accommodation
- Blade Oversail
- Truck Body

N

81.5m Blade Standard Vehicle

PROJECT TITLE:

Killoshulan Wind Farm, Co. Kilkenny

DRAWING TITLE:

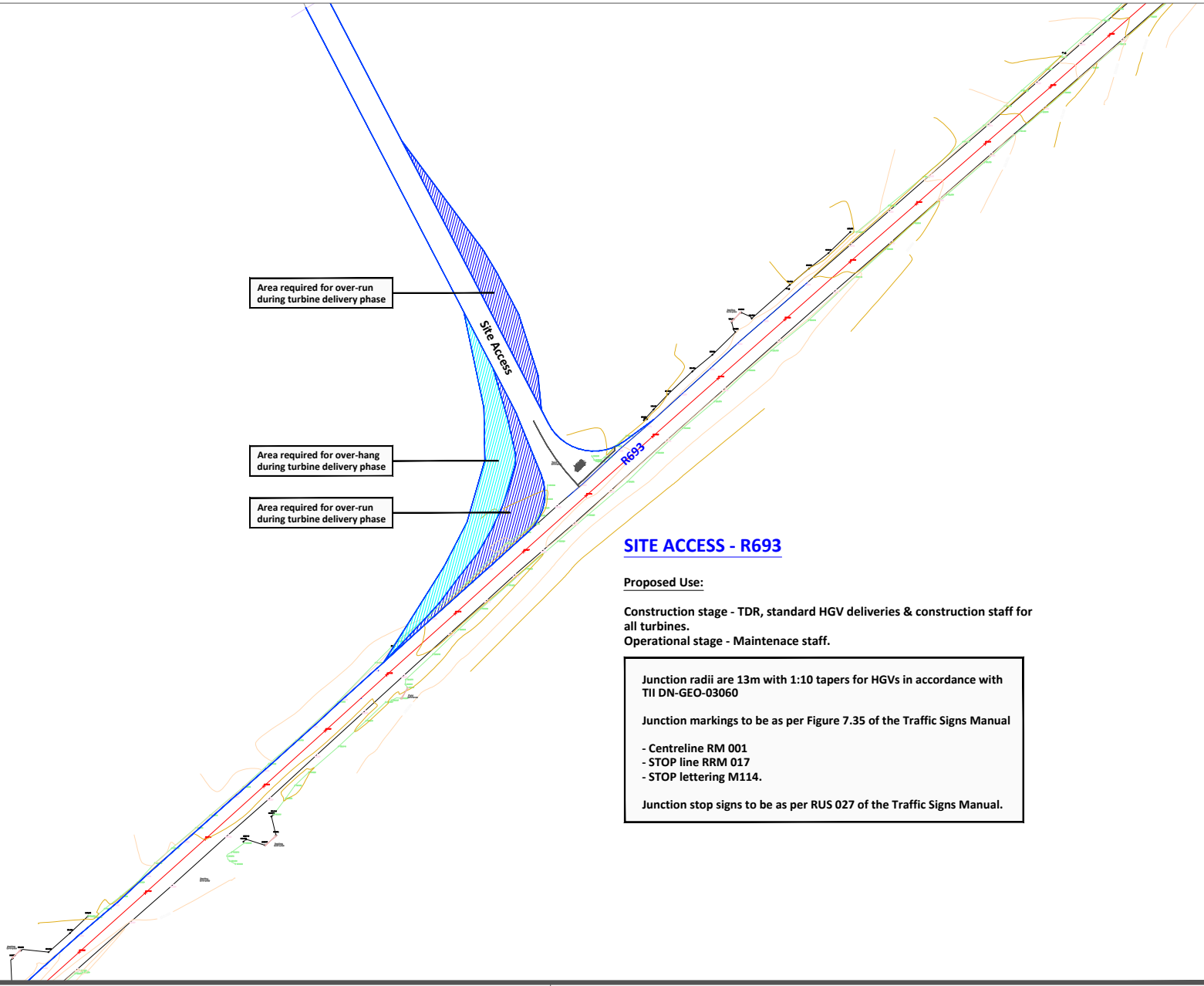
Location 3 - R693 / R435 junction - Autotrack assessment - Blade extended artic

PROJECT No.:	DRAWING No.:	SCALE:
----	Fig 15.10	N.T.S @ A3

DRAWN BY:	CHECKED BY:	DATE:	REVISION.:
KD	JF	28.10.2026	

OS SHEET No.:

Email: info@www.mkoireland.ie /Website: www.mkoireland.ie



SITE ACCESS - R693

Proposed Use:

Construction stage - TDR, standard HGV deliveries & construction staff for all turbines.
Operational stage - Maintenace staff.

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

NOTES:

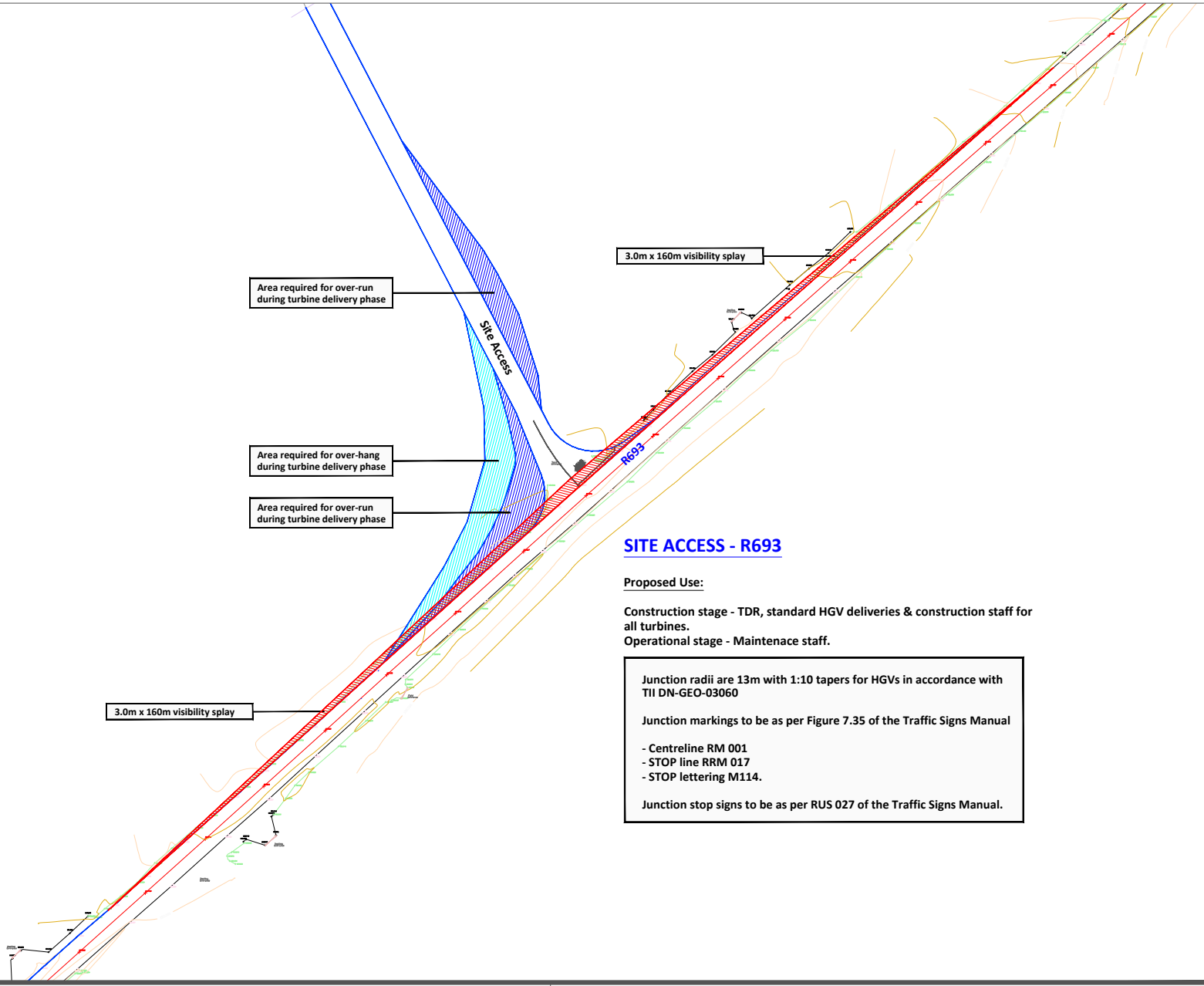
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-11 Location 4 - Site Access R693 - Proposed junction layout

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	1:1000
PROJECT NO: 9931	DATE: 28.10.26	DRAWN BY:	AL

ALAN LIPSCOMBE
TRAFFIC & TRANSPORT CONSULTANTS



SITE ACCESS - R693

Proposed Use:

Construction stage - TDR, standard HGV deliveries & construction staff for all turbines.
Operational stage - Maintenace staff.

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

NOTES:

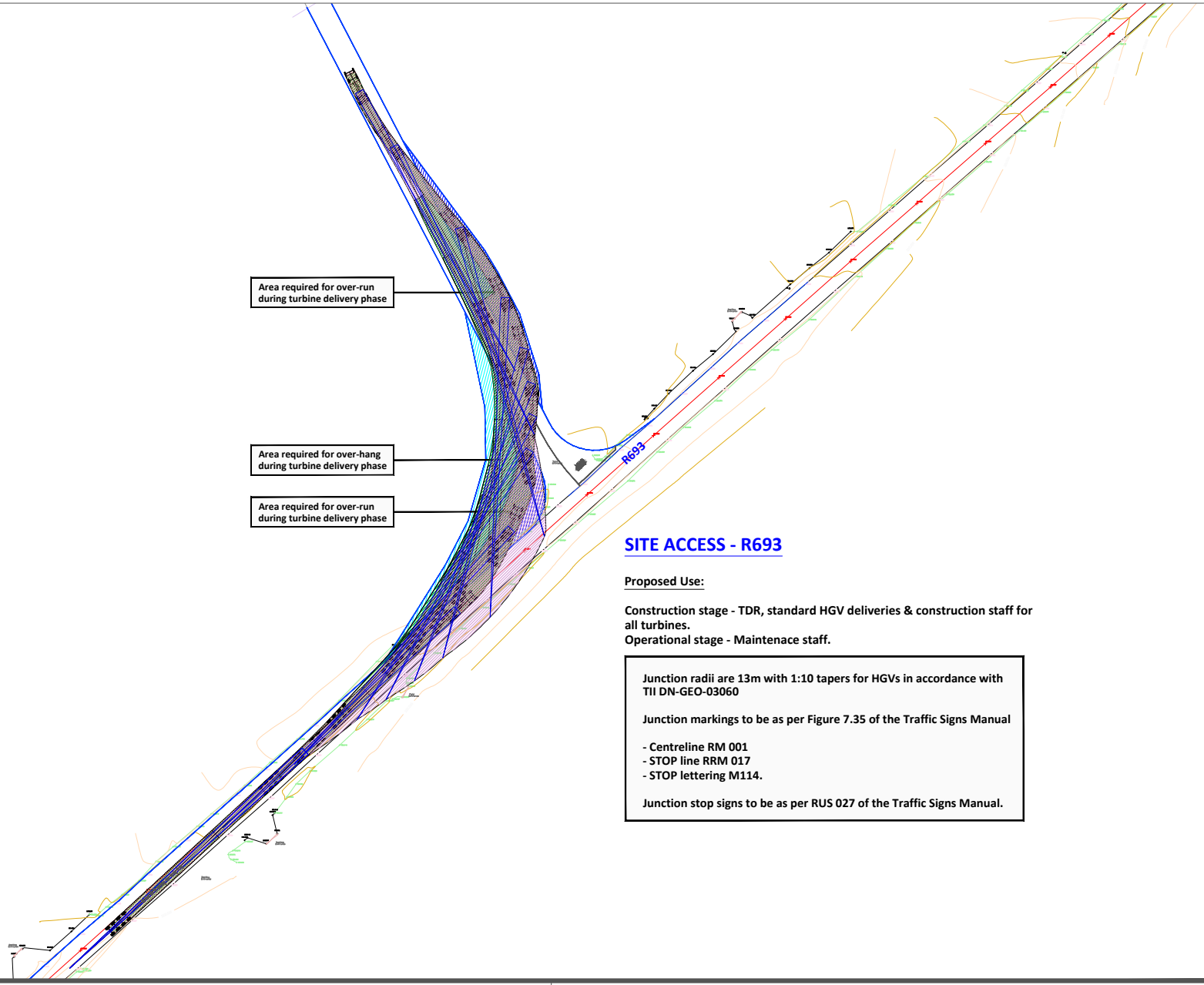
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-12 Location 4 - Site Access R693 - Proposed junction layout - Visibility splays (3m x 160m)

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	1:1000
PROJECT NO: 9931	DATE: 28.10.26	DRAWN BY:	AL

ALAN LIPSCOMBE
TRAFFIC & TRANSPORT CONSULTANTS



SITE ACCESS - R693

Proposed Use:

Construction stage - TDR, standard HGV deliveries & construction staff for all turbines.
Operational stage - Maintenace staff.

Junction radii are 13m with 1:10 tapers for HGVs in accordance with TII DN-GEO-03060

Junction markings to be as per Figure 7.35 of the Traffic Signs Manual

- Centreline RM 001
- STOP line RRM 017
- STOP lettering M114.

Junction stop signs to be as per RUS 027 of the Traffic Signs Manual.

NOTES:

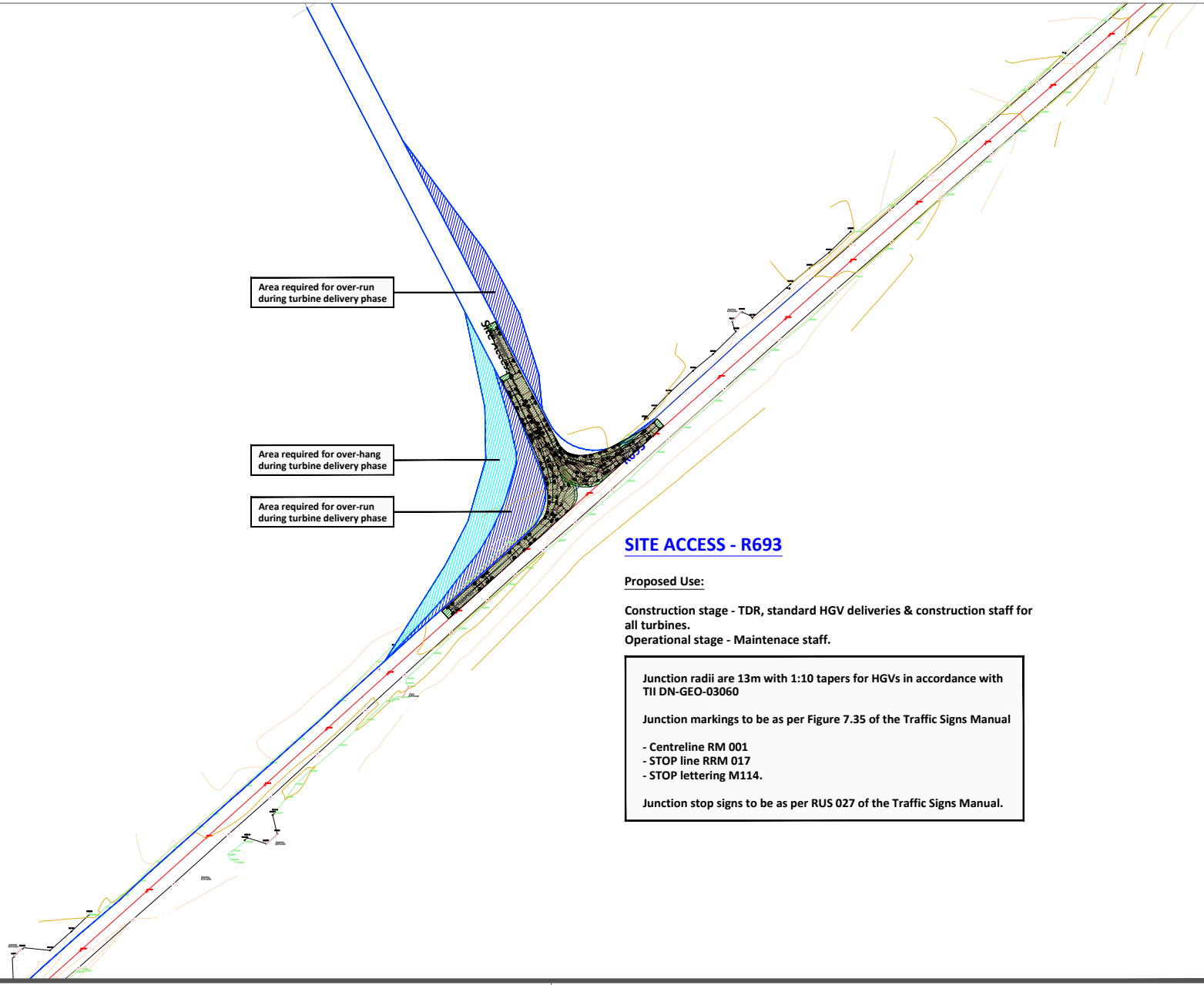
PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-13 Location 4 - Site Access R693 - Proposed junction layout - Autotrack assessment - Blade extended artic

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	1:1000
PROJECT NO: 9931	DATE: 28.10.26	DRAWN BY:	AL

ALAN LIPSCOMBE
TRAFFIC & TRANSPORT CONSULTANTS



NOTES:

PLANNING DRAWING ONLY - NOT FOR CONSTRUCTION PURPOSES

Base mapping provided by MKO

Figure 15-14 Location 4 - Site Access R693 - Proposed junction layout - Autotrack assessment - Standard large articulated HGV

PROJECT:	Killoshulan Wind Farm		
CLIENT:	Killoshulan Renewable Energy Ltd	SCALE:	1:1000
PROJECT NO: 9931	DATE: 28.10.26	DRAWN BY:	AL

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