

GMC Utilities Group Ltd, GMC House,
Millenium Business Park, Cappagh Road,
Ballycoolin, Dublin 11, Ireland.

Tel: +353 (0)1 864 9800

Email: info@gmcirl.com

TRAFFIC MANAGEMENT PLAN

PROJECT

3747509 - IW CDS Construction Works

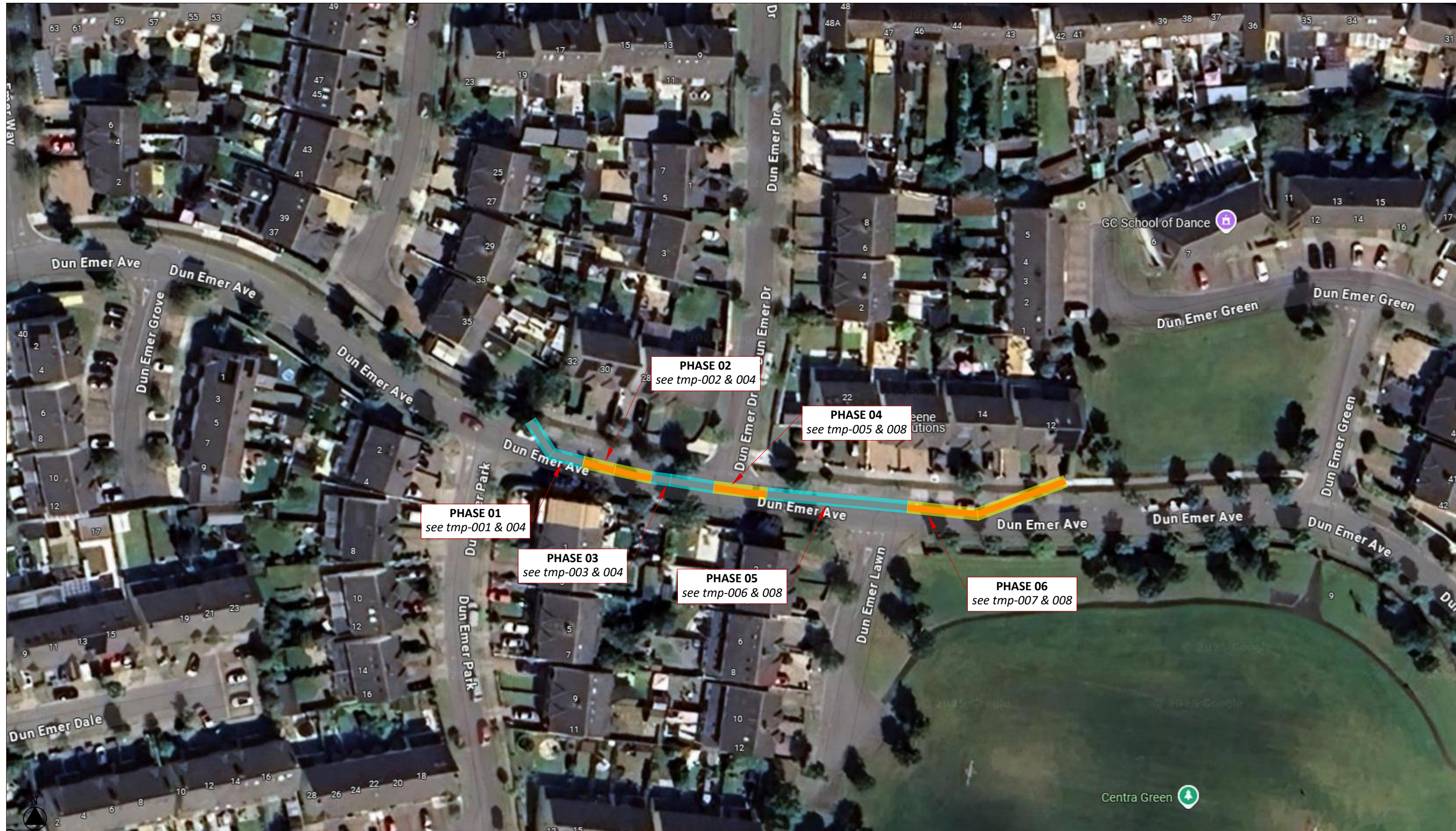
LOCATION

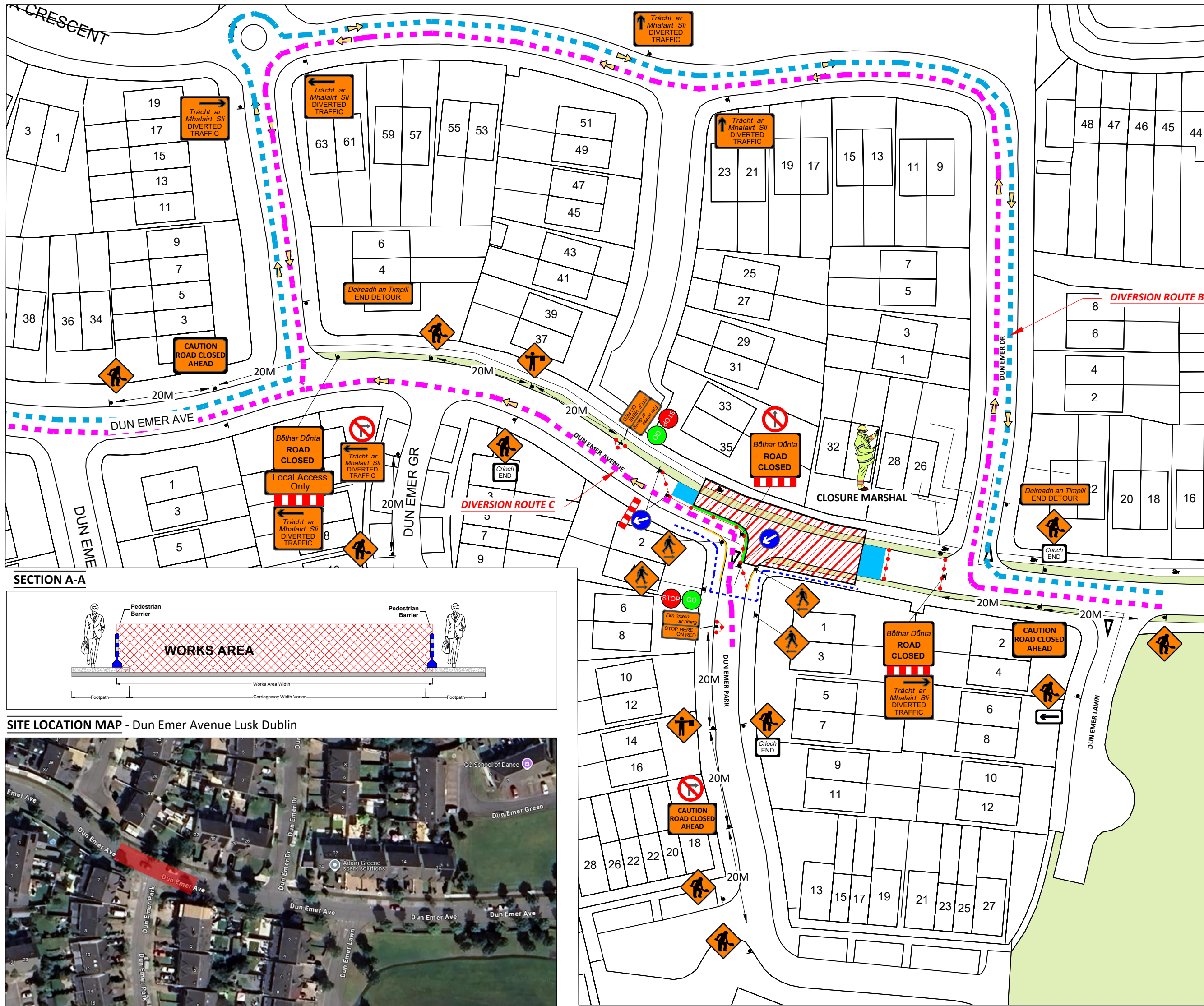
Dun Emer Avenue Lusk Dublin

PHASE 02



RECOMMENDED PRINT A3	ISSUED : 23/05/2025	REVISION - 00	TMPs - 08	DESIGNER - A.MUNSTER	DRAWN - A.MUNSTER	APPROVED - D.GOUGH
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- SITE SPECIFIC NOTES
1.

Traffic Management to comply with Temporary Traffic Management 2019 publications Chapter 8 Traffic Signs Manual, Design Guidance & Operation Guidance.
2.

A minimum lane width of 3.0m to be maintained at all times.
3.

On single carriageway roads of 50 km/h signs to be placed at 20m intervals. Additional signage may be used where deemed necessary. (Type A & B)
4.

A Pedestrian walkway of 1.2m minimum to be maintained at all times, kerb ramps to be provided where required
5.

Work Area to be barriered at all times.
6.

TMP is based on information received at time of design, minor changes may be required on site. Major changes to site works will require revised TMP.
7.

Below signage to be used where required.....
- Arachán
Access
SITE
ACCESS

Uneven Surface

Slippery Surface

Overhead Cables

During darkness at unlit areas following a site risk assessment additional lighting to be installed

LEGEND:

DIVERSION ROUTE A

DIVERSION ROUTE B

DIVERSION ROUTE C

PEDESTRIAN ROUTE

WORK/PLANT AREA

SAFETY AREA

LATERAL SAFETY ZONE

PEDESTRIAN BARRIER

SITE BARRIER

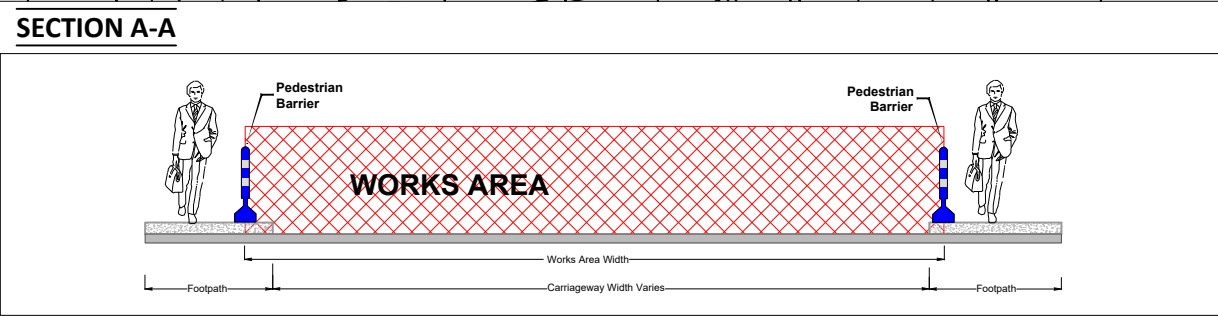
CONES

SIGN LOCATION & ORIENTATION

BARRIER BOARD

Design Parameters	Roadworks Type A (>12 Hours)
Sign Size (mm)	Temporary Signs
Sign Visibility (m)	600 Min
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
Minimum Rate of Taper	
Taper at Lane (m) ²	1 in 5
Taper at Hard Shoulder (m) ²	1 in 5
Maximum Cone Spacing	
Cone Height (mm)	750
At Taper (m) ²	3
Longitudinal (m) ²	3
Maximum Lamp Spacing	
At Taper (m)	6
Longitudinal (m)	6
Safety Zone	
Longitudinal (m)	5
Lateral (m)	0.5
Minimum Lane Width (m)	Lanes
Two-way Roadway Width (m)	3 (2.5)
	5

Note:
A. 45 degree taper is required at active temporary traffic controlled layouts with cones at 1m centres.
B. Cone spacing shown is the maximum permitted. Where geometry or any other site specific reason dictates the spacing shall be reduced accordingly.
C. The optimum lane width for all classes of vehicles is 3.3m. This may be reduced to a minimum of 3.0m. Below this, HGVs and buses must be marshalled past the works. The absolute minimum lane width, if only cars and light vehicles are present, is 2.5m. Refer to Chapter 8, Paragraphs 8.4.3.1 to 8.4.3.3.



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Project ;

3747509 - IW CDS Construction Works

Location ;

Dun Emer Avenue Lusk Dublin

TM Method ;

Road Closure

Designer ; AM

Drawn ; AM

Approved ; DG

Date ;

01/04/2025

Scale ;

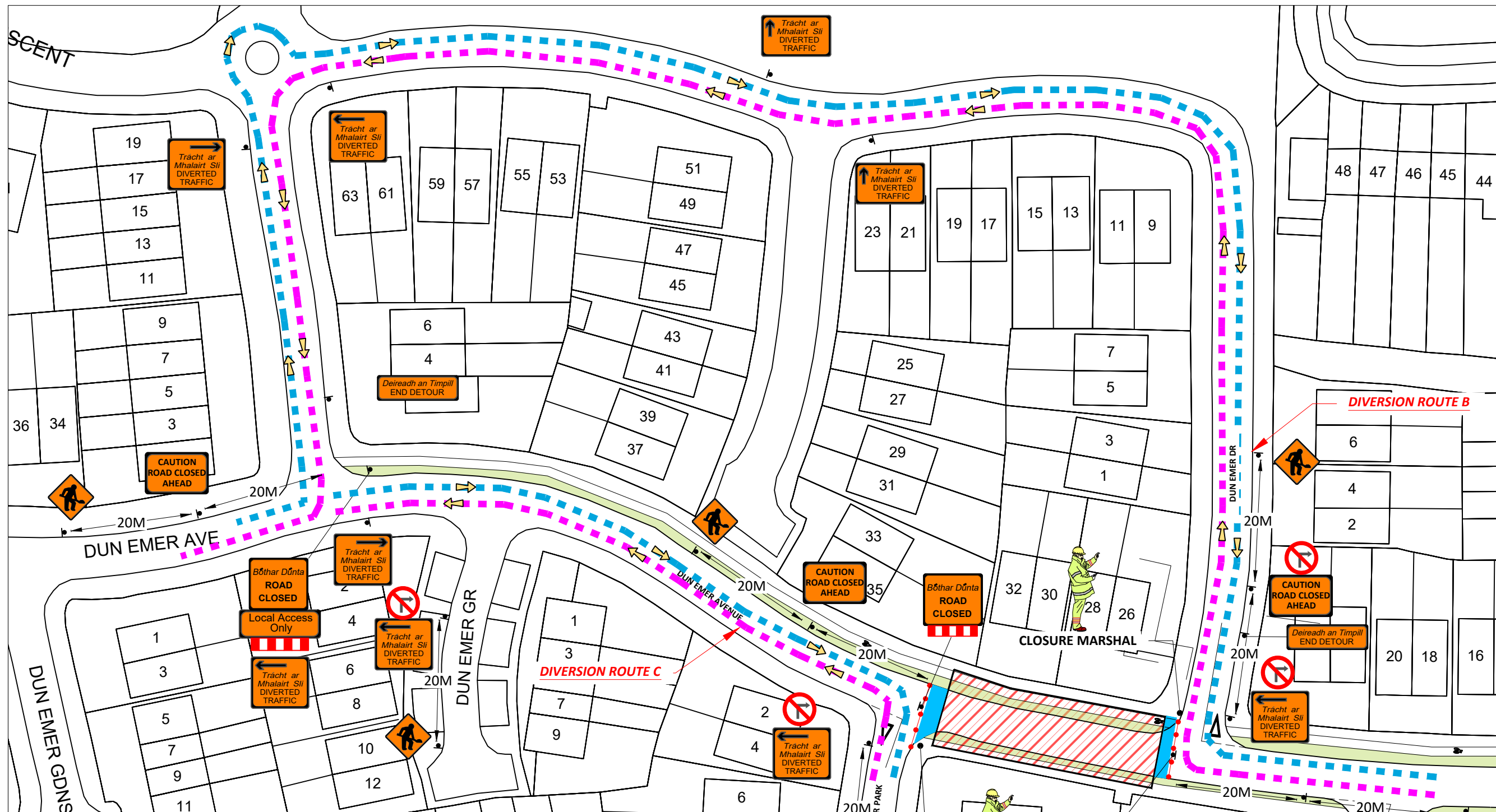
NTS - USE FIGURED DIMENSIONS ONLY

TMP Guide Reference ;

TMP-001

Dwg Number ;

GMC-TMP-22275-REV00



- SITE SPECIFIC NOTES**
- Traffic Management to comply with Temporary Traffic Management 2019 publications Chapter 8 Traffic Signs Manual, Design Guidance & Operation Guidance.
 - On single carriageway roads of 50 km/h signs to be placed at 20m intervals. Additional signage may be used where deemed necessary. (Type A & B)
 - A Pedestrian walkway of 1.2m minimum to be maintained at all times, kerb ramps to be provided where required
 - Work Area to be barriered at all times.
 - TMP is based on information received at time of design, minor changes may be required on site. Major changes to site works will require revised TMP.
 - Below signage to be used where required.....
- Site Access/Egress

Uneven Surface

Slippery Surface

Overhead Cables
- During darkness at unit areas following a site risk assessment additional lighting to be installed

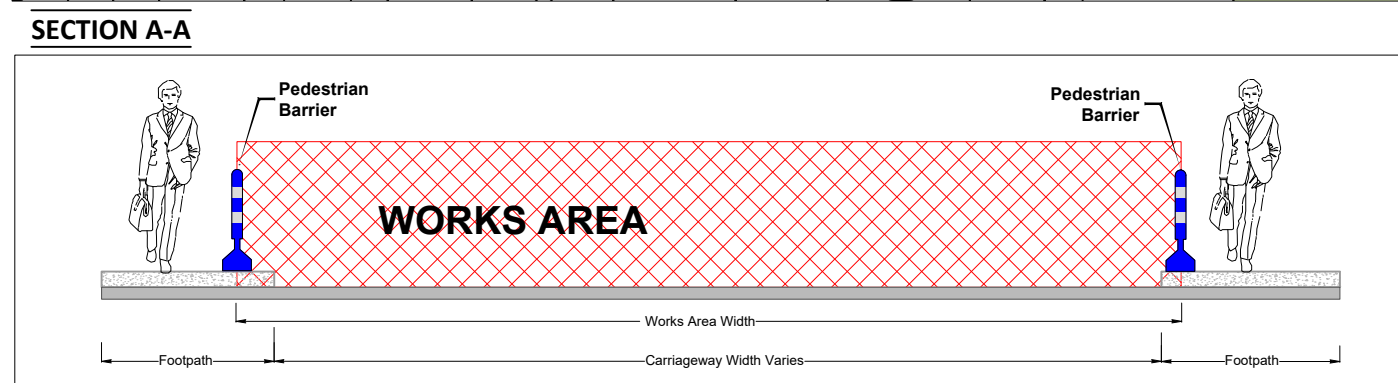
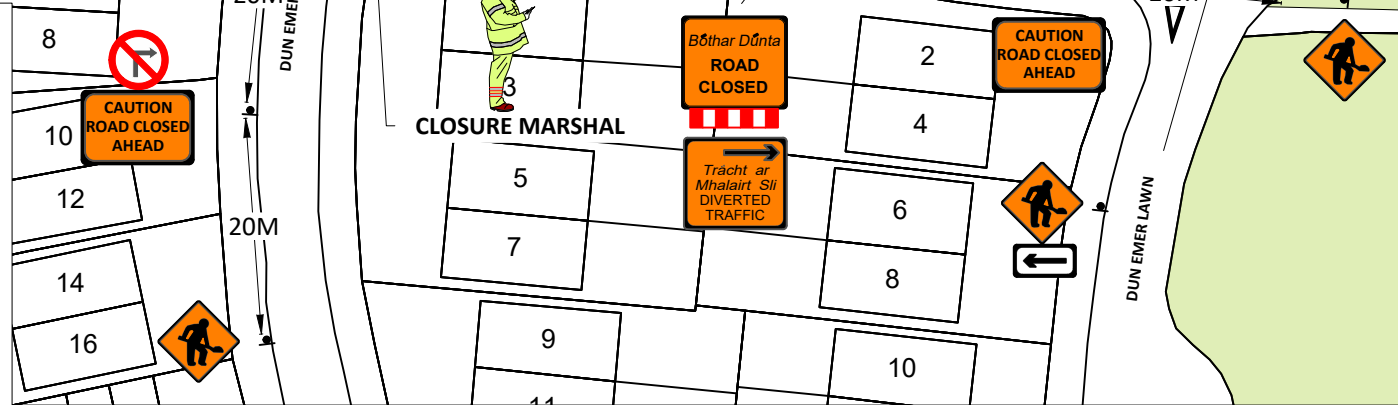
LEGEND:

DIVERSION ROUTE A
DIVERSION ROUTE B
DIVERSION ROUTE C
PEDESTRIAN ROUTE
WORK/PLANT AREA
SAFETY AREA
LATERAL SAFETY ZONE
PEDESTRIAN BARRIER
SITE BARRIER
CONES
SIGN LOCATION & ORIENTATION
BARRIER BOARD

Design Parameters	Roadworks Type A (>12 Hours)
Sign Size (mm)	Temporary Signs 600 Min
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
Taper at Lane (m) ²	Minimum Rate of Taper 1 in 5
Taper at Hard Shoulder (m) ²	1 in 5
Cone Height (mm)	Maximum Cone Spacing 750
At Taper (m) ²	3
Longitudinal (m) ²	Maximum Lamp Spacing 3
At Taper (m)	6
Longitudinal (m)	6
Lateral (m)	5
Minimum Lane Width (m)	0.5
Two-way Roadway Width (m)	Lanes 3 (2.5)
Width (m)	5

Note:
A. 45 degree taper is required at active temporary traffic controlled layouts with cones at 1m centres.
B. Cone spacing shown is the maximum permitted. Where geometry or any other site specific reason dictates the spacing shall be reduced accordingly.
C. The optimum lane width for all classes of vehicles is 3.3m. This may be reduced to a minimum of 3.0m. Below this, HGVs and buses must be marshalled past the works. The absolute minimum lane width, if only cars and light vehicles are present, is 2.5m. Refer to Chapter 8, Paragraphs 8.4.3.1 to 8.4.3.3.

SITE LOCATION MAP - Dun Emer Avenue Lusk Dublin



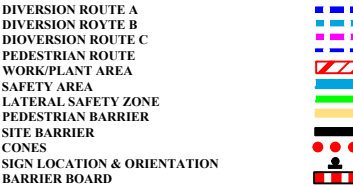
GMC Utilities Group Ltd, GMC House,
Millenium Business Park, Cappagh Road,
Ballycoolin, Dublin 11, Ireland.
Tel: +353 (0)1 864 9800
Email: info@gmcirl.com

Project ;	3747509 - IW CDS Construction Works	
Location ;	Dun Emer Avenue Lusk Dublin	
TM Method ;	Road Closure	
Designer ; AM	Drawn ; AM	Approved ; DG
Date ;	01/04/2025	
Scale ;	NTS - USE FIGURED DIMENSIONS ONLY	
TMP Guide Reference ;	TMP-002	
Dwg Number ;	GMC-TMP-22276-REV00	

- Traffic Management to comply with Temporary Traffic Management 2019 publications Chapter 8 Traffic Signs Manual,Design Guidance & Operation Guidance.
- A minimum lane width of 3.0m to be maintained at all times.
- On single carriageway roads of 50 km/h signs to be placed at 20m intervals. Additional signage may be used where deemed necessary.(Type A & B)
- A Pedestrian walkway of 1.2m minimum to be maintained at all times,kerb ramps to be provided where required
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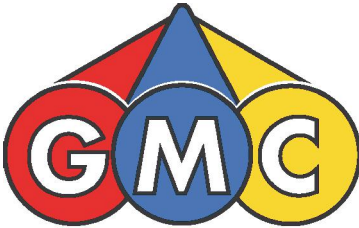


LEGEND:



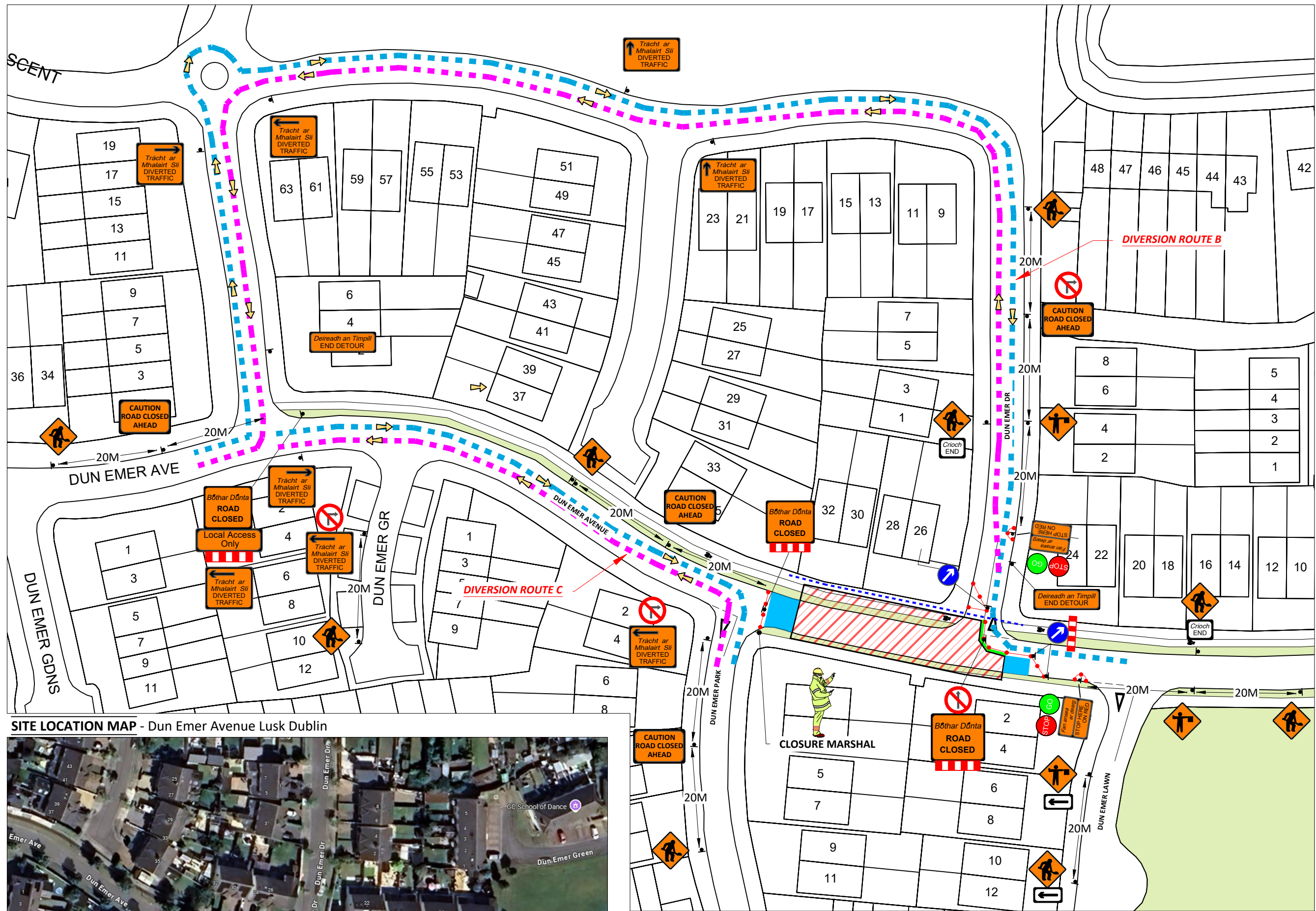
Design Parameters for Level 1 (iii) (Single Carriageway 50 km/h)	
Design Parameters	Roadworks Type A (>12 Hours)
Sign Size (mm)	Temporary Signs 600 Min
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
Minimum Rate of Taper	
Taper at Lane (m) ²	1 in 5
Taper at Hard Shoulder (m) ²	1 in 5
Maximum Cone Spacing	
Cone Height (mm)	750
At Taper (m) ²	3
Longitudinal (m) ²	3
Maximum Lamp Spacing	
At Taper (m)	6
Longitudinal (m)	6
Safety Zone	
Longitudinal (m)	5
Lateral (m)	0.5
Lanes	
Minimum LaneWidth (m)	3 (2.5)
Two-way Roadway Width (m)	5

Note:
A. 45 degree taper is required at active temporary traffic controlled layouts with cones at 1m centres.
B. Cone spacing shown is the maximum permitted. Where geometry or any other site specific reason dictates the spacing shall be reduced accordingly.
C. The optimum lane width for all classes of vehicles is 3.3m. This may be reduced to a minimum of 3.0m. Below this, HGVs and buses must be marshalled past the works. The absolute minimum lane width, if only cars and light vehicles are present, is 2.5m. Refer to Chapter 8, Paragraphs 8.4.3.1 to 8.4.3.3.

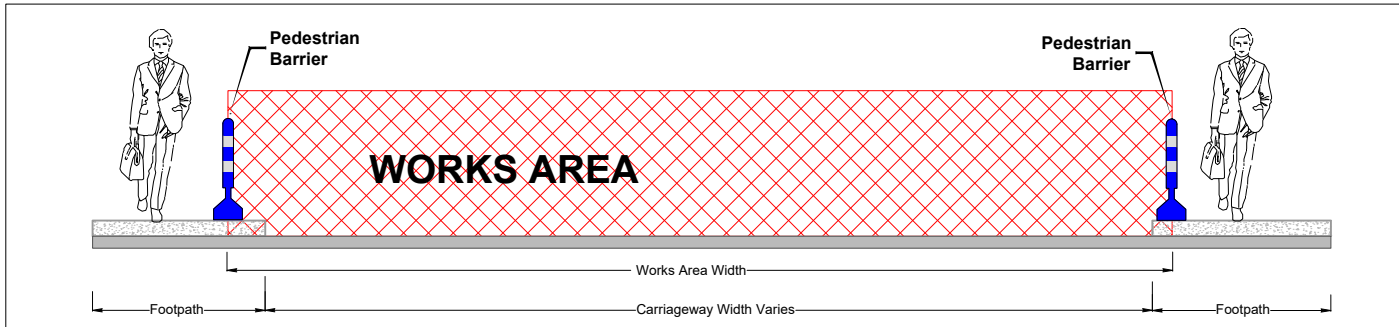


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Project ;		3747509 - IW CDS Construction Works	
Location ;		Dun Emer Avenue Lusk Dublin	
TM Method ;		Road Closure	
Designer ; AM	Drawn ; AM	Approved ; DG	
Date ;		01/04/2025	
Scale ;		NTS - USE FIGURED DIMENSIONS ONLY	
TMP Guide Reference ; TMP-003			
Dwg Number ; GMC-TMP-22277-REV00			

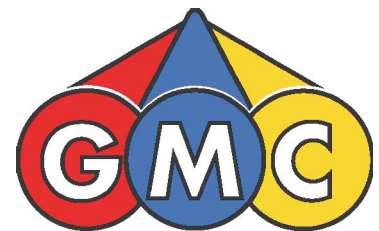
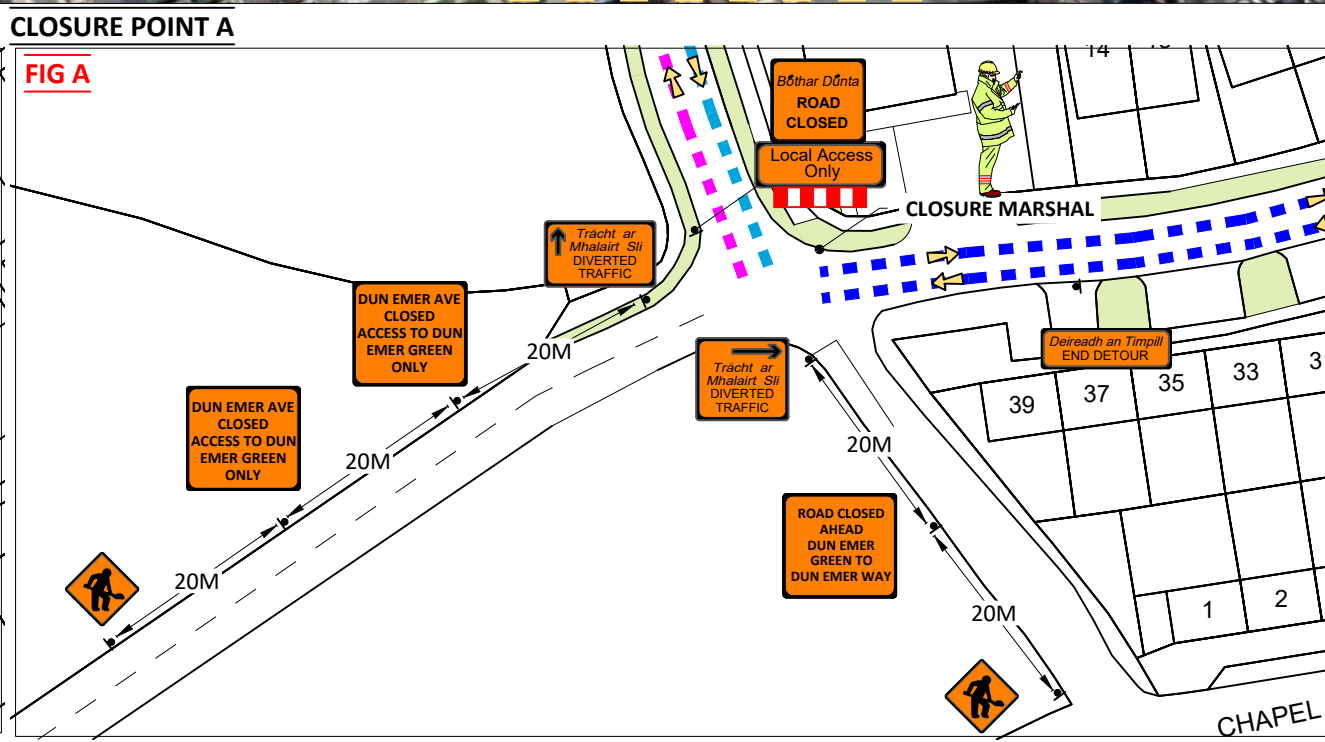
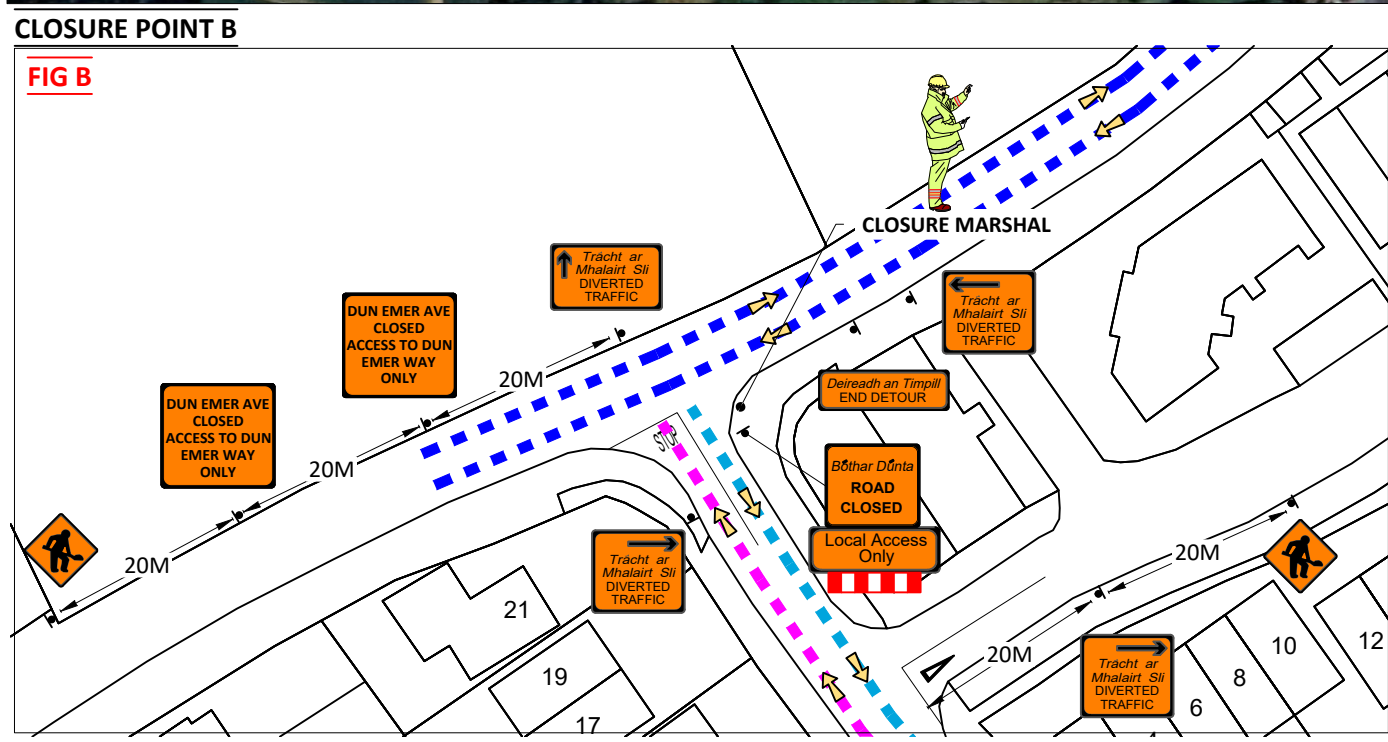
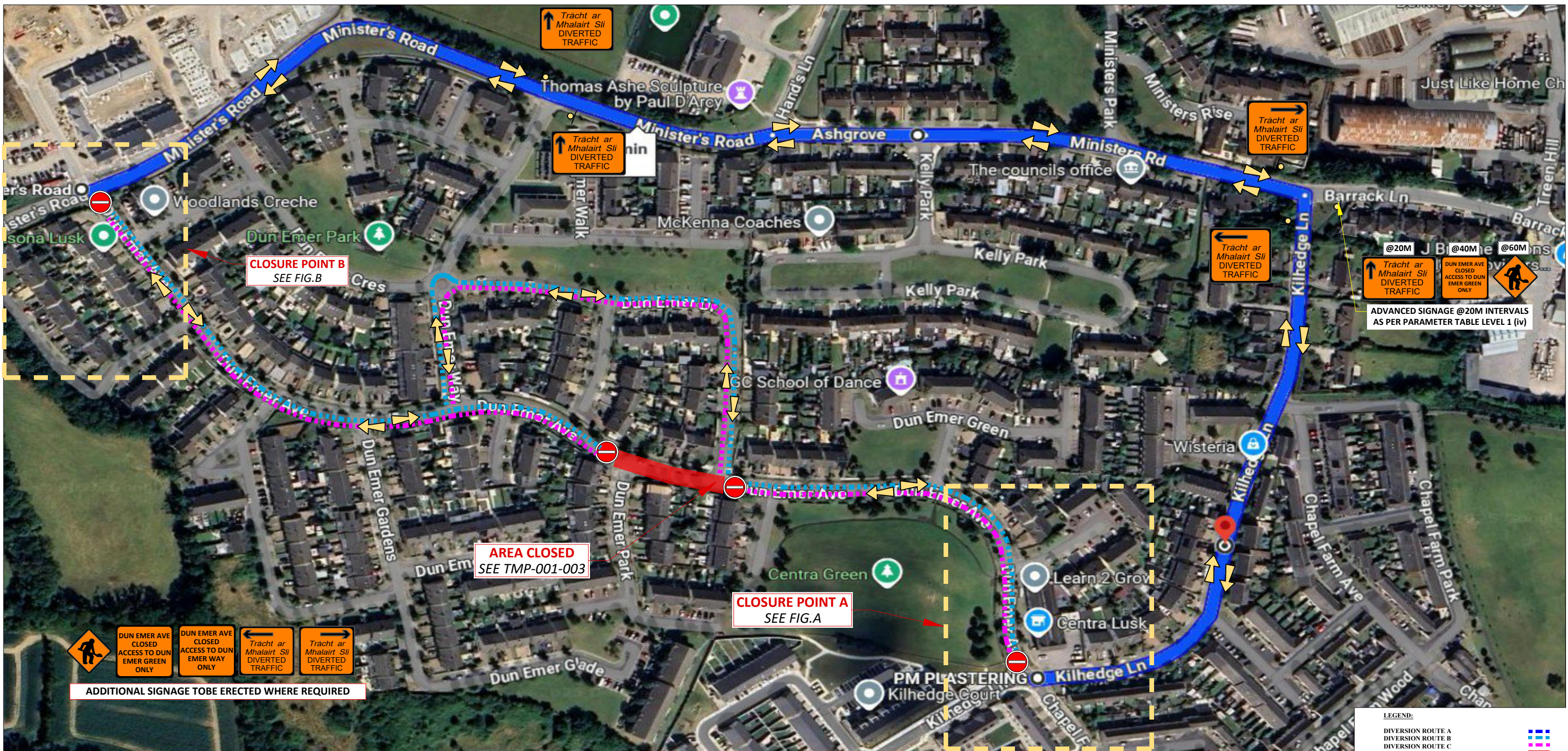


SECTION A-A



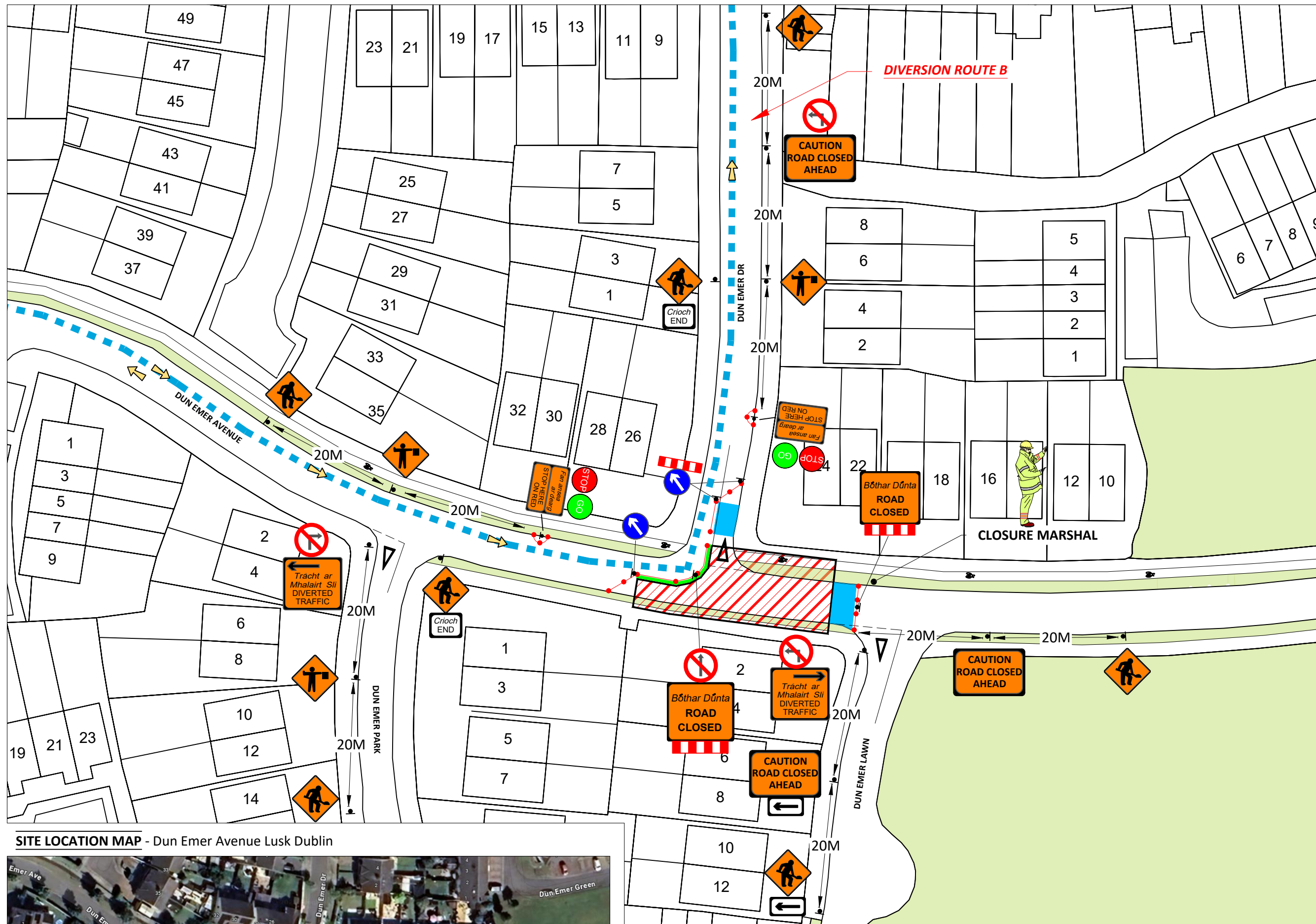
SITE LOCATION MAP - Dun Emer Avenue Lusk Dublin



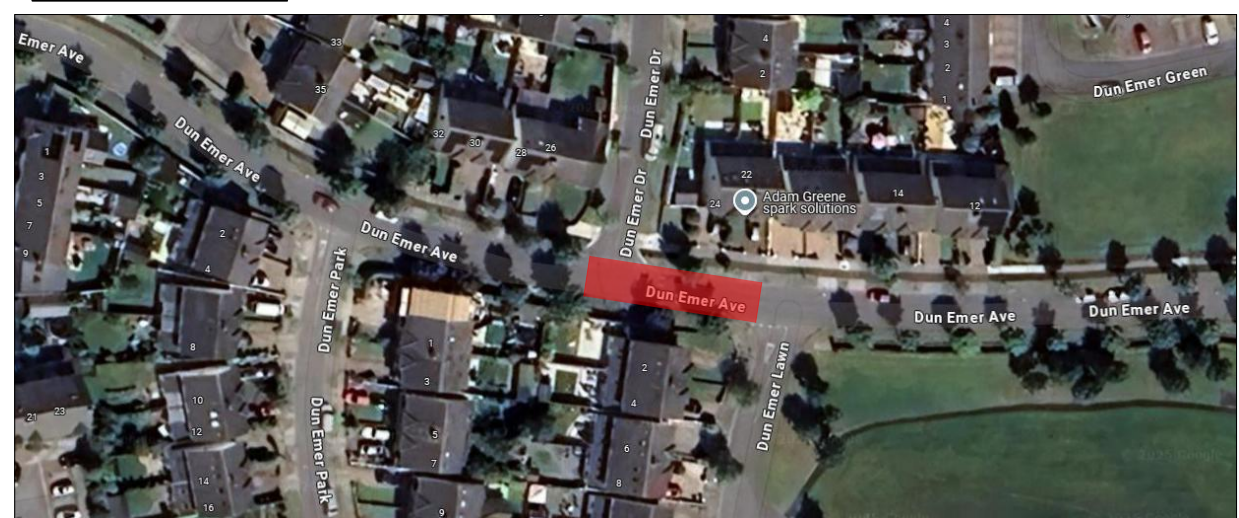


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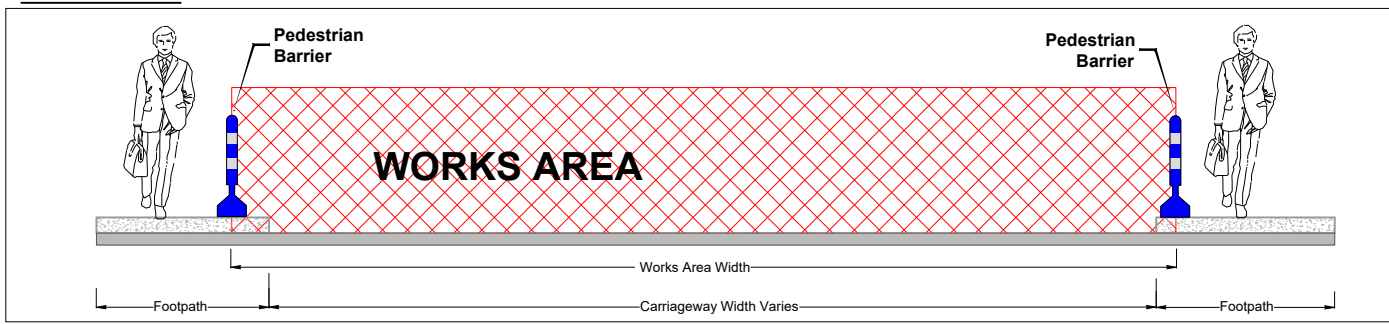
Project ;		3747509 - IW CDS Construction Works	
Location ;		Dun Emer Avenue Lusk Dublin	
TM Method ;		Road Closure	
Designer ; AM	Drawn ; AM	Approved ;	DG
Date ;		01/04/2025	
Scale ;		NTS - USE FIGURED DIMENSIONS ONLY	
TMP Guide Reference ;		TMP-004	
Dwg Number ;		GMC-TMP-22278-REV00	



SITE LOCATION MAP - Dun Emer Avenue Lusk Dublin



SECTION A-A



SITE SPECIFIC NOTES

1. Traffic Management to comply with Temporary Traffic Management 2019 publications Chapter 8 Traffic Signs Manual, Design Guidance & Operation Guidance.
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During darkness at unit areas following a site risk assessment additional lighting to be installed

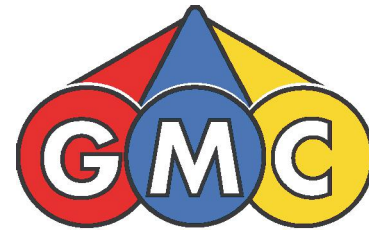
LEGEND:

DIVERSION ROUTE A
DIVERSION ROYTE B
DIOERSION ROUTE C
PEDESTRIAN ROUTE
WORK/PLANT AREA
SAFETY AREA
LATERAL SAFETY ZONE
PEDESTRIAN BARRIER
SITE BARRIER
CONES
SIGN LOCATION & ORIENTATION
BARRIER BOARD



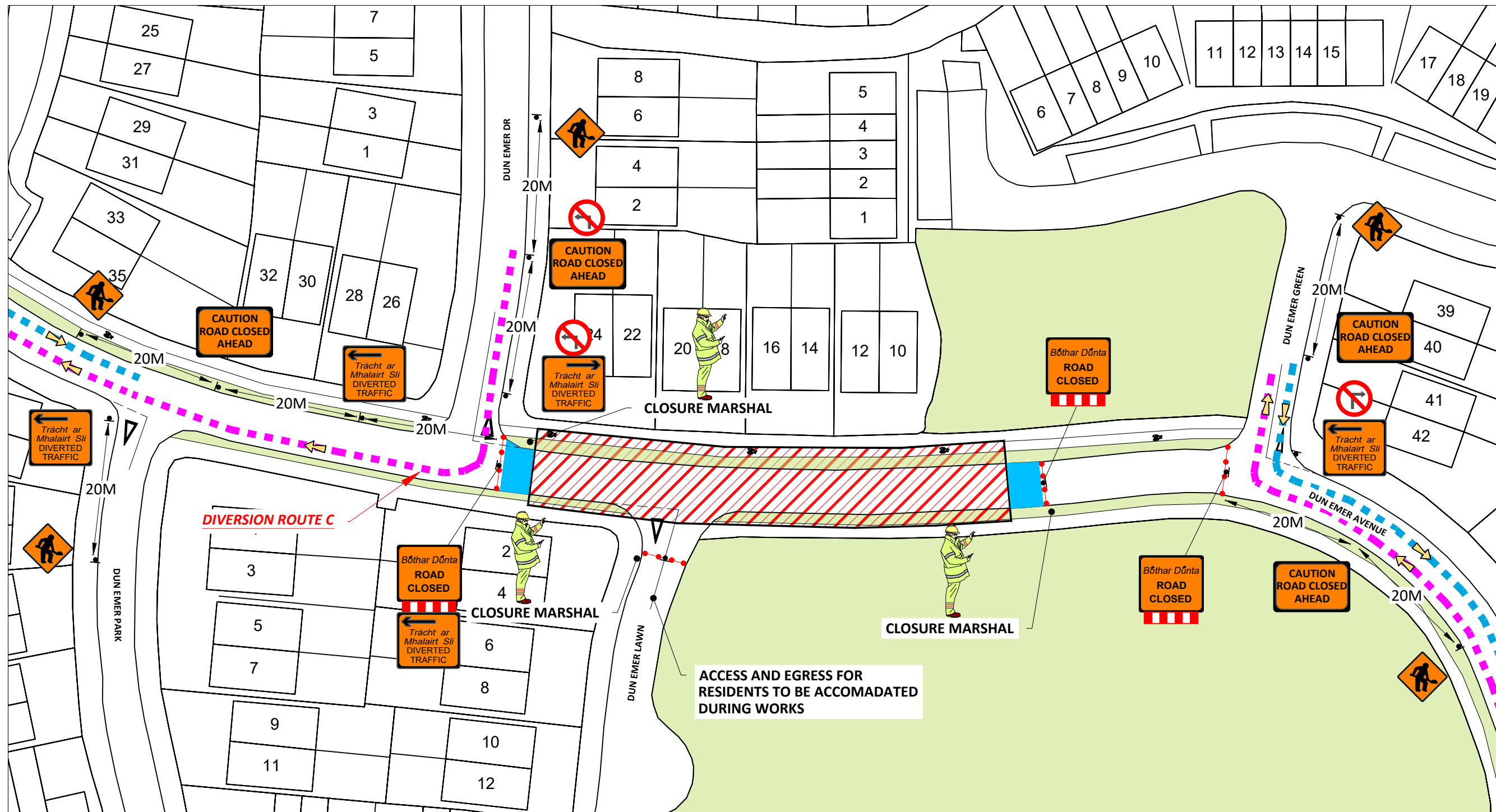
Design Parameters for Level 1 (iii) (Single Carriageway 50 km/h)	
Design Parameters	Roadworks Type A (>12 Hours)
Sign Size (mm)	Temporary Signs 600 Min
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
Minimum Rate of Taper	
Taper at Lane (m) ²	1 in 5
Taper at Hard Shoulder (m) ²	1 in 5
Maximum Cone Spacing	
Cone Height (mm)	750
At Taper (m) ²	3
Longitudinal (m) ²	3
Maximum Lamp Spacing	
At Taper (m)	6
Longitudinal (m)	6
Safety Zone	
Longitudinal (m)	5
Lateral (m)	0.5
Lanes	
Minimum Lane Width (m)	3 (2.5)
Two-way Roadway Width (m)	5

Note:
A. 45 degree taper is required at active temporary traffic controlled layouts with cones at 1m centres.
B. Cone spacing shown is the maximum permitted. Where geometry or any other site specific reason dictates the spacing shall be reduced accordingly.
C. The optimum lane width for all classes of vehicles is 3.3m. This may be reduced to a minimum of 3.0m. Below this, HGVs and buses must be marshalled past the works. The absolute minimum lane width, if only cars and light vehicles are present, is 2.5m. Refer to Chapter 8, Paragraphs 8.4.3.1 to 8.4.3.3.







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Project ;		3747509 - IW CDS Construction Works	
Location ;		Dun Emer Avenue Lusk Dublin	
TM Method ;		Road Closure	
Designer ; AM	Drawn ; AM	Approved ; DG	
Date ;		01/04/2025	
Scale ;		NTS - USE FIGURED DIMENSIONS ONLY	
TMP Guide Reference ; TMP-005			
Dwg Number ; GMC-TMP-22279-REV00			



SITE SPECIFIC NOTES

- Traffic Management to comply with Temporary Traffic Management 2019 publications Chapter 8 Traffic Signs Manual, Design Guidance & Operation Guidance.
- On single carriageway roads of 50 km/h signs to be placed at 20m intervals. Additional signage may be used where deemed necessary.(Type A & B)
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During darkness at unlit areas following a site risk assessment additional lighting to be installed

LEGEND:

DIVERSION ROUTE A

DIVERSION ROYTE B

DIOVERSION ROUTE C

PEDESTRIAN ROUTE

WORK/PLANT AREA

SAFETY AREA

LATERAL SAFETY ZONE








PEDESTRIAN BARRIER

SITE BARRIER

CONES

SIGN LOCATION & ORIENTATION

BARRIER BOARD



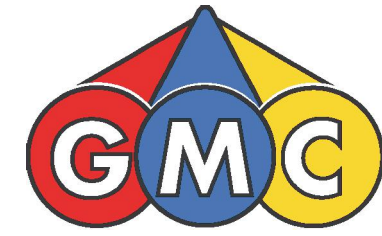
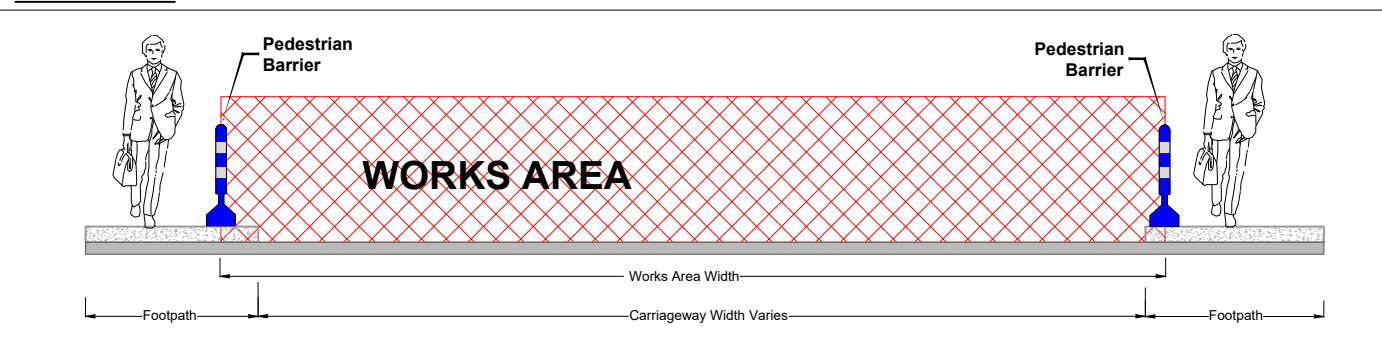
Design Parameters for Level 1 (iii) (Single Carriageway 50 km/h)	
Design Parameters	Roadworks Type A (>12 Hours)
Sign Size (mm)	Temporary Signs 600 Min
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
Minimum Rate of Taper	
Taper at Lane (m) ¹	1 in 5
Taper at Hard Shoulder (m) ²	1 in 5
Maximum Cone Spacing	
Cone Height (mm)	750
At Taper (m) ³	3
Longitudinal (m) ³	3
Maximum Lamp Spacing	
At Taper (m)	6
Longitudinal (m)	6
Safety Zone	
Longitudinal (m)	5
Lateral (m)	0.5
Lanes	
Minimum Lane Width (m)	3 (2.5)
Two-way Roadway Width (m)	5

Note:
A. 45 degree taper is required at active temporary traffic controlled layouts with cones at 1m centres.
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SITE LOCATION MAP - Dun Emer Avenue Lusk Dublin

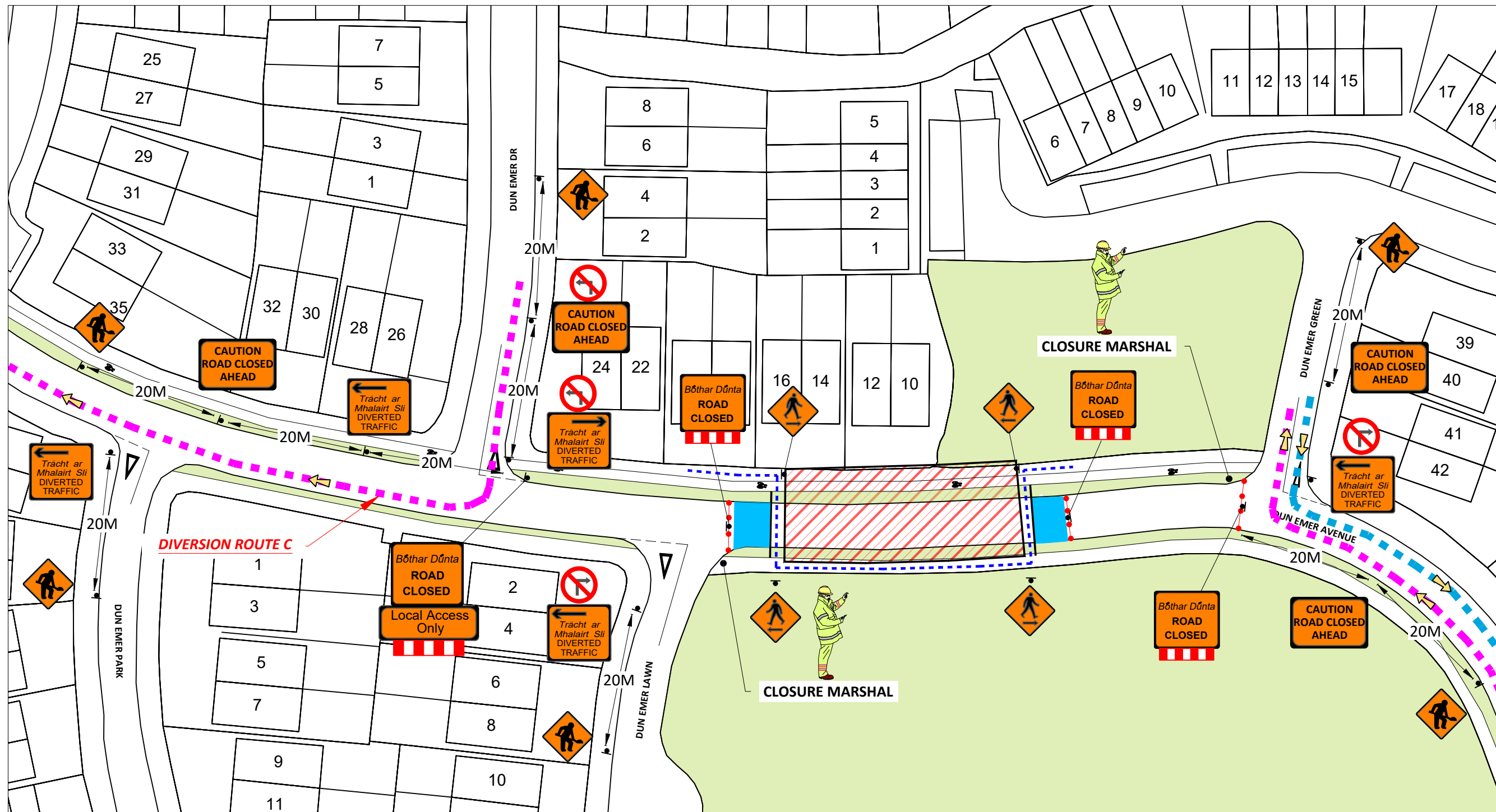


SECTION A-A



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Email: info@gmcirl.com

Project ;		3747509 - IW CDS Construction Works	
Location ;		Dun Emer Avenue Lusk Dublin	
TM Method ;		Road Closure	
Designer ; AM	Drawn ; AM	Approved ;	DG
Date ;		01/04/2025	
Scale ;		NTS - USE FIGURED DIMENSIONS ONLY	
TMP Guide Reference ;		TMP-006	
Dwg Number ;		GMC-TMP-22280-REV00	



- SITE SPECIFIC NOTES**
1. Traffic Management to comply with Temporary Traffic Management 2019 publications Chapter 8 Traffic Signs Manual, Design Guidance & Operation Guidance.
 2. On single carriageway roads of 50 km/h signs to be placed at 20m intervals. Additional signage may be used where deemed necessary.(Type A & B)
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- Site Access/Egress

Uneven Surface

Slippery Surface

Overhead Cables
- During darkness at unlit areas following a site risk assessment additional lighting to be installed

LEGEND:

DIVERSION ROUTE A
DIVERSION ROYTE B
DIOVERSION ROUTE C
PEDESTRIAN ROUTE
WORK/PLANT AREA
SAFETY AREA
LATERAL SAFETY ZONE
PEDESTRIAN BARRIER
SITE BARRIER
CONES
SIGN LOCATION & ORIENTATION
BARRIER BOARD

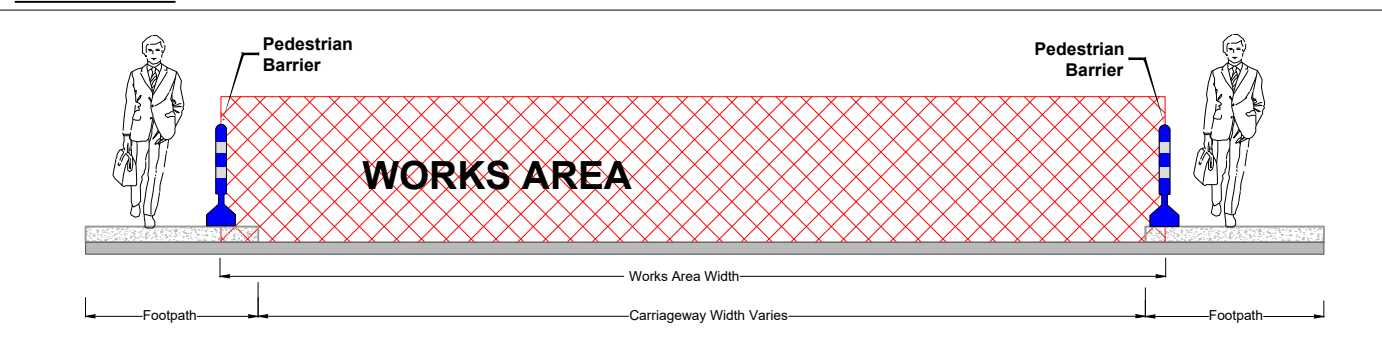
Design Parameters	Roadworks Type A (>12 Hours)
Sign Size (mm)	600 Min
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
Minimum Rate of Taper	
Taper at Lane (m) ^A	1 in 5
Taper at Hard Shoulder (m) ^B	1 in 5
Maximum Cone Spacing	
Cone Height (mm)	750
At Taper (m) ^C	3
Longitudinal (m) ^D	3
Maximum Lamp Spacing	
At Taper (m)	6
Longitudinal (m)	6
Safety Zone	
Longitudinal (m)	5
Lateral (m)	0.5
Lanes	
Minimum Lane Width (m)	3 (2.5)
Two-way Roadway Width (m)	5

Note:
A. 45 degree taper is required at active temporary traffic controlled layouts with cones at 1m centres.
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SITE LOCATION MAP - Dun Emer Avenue Lusk Dublin

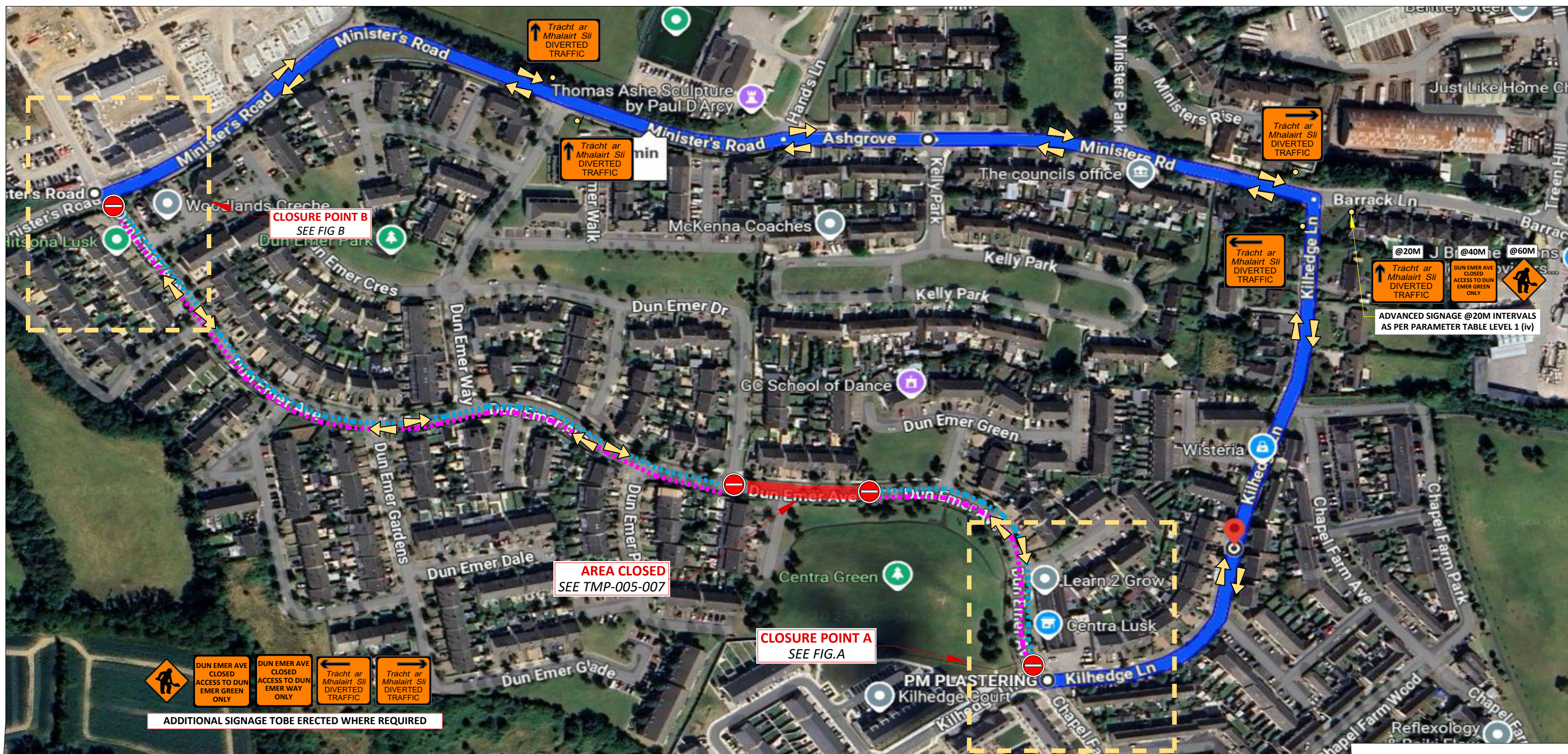


SECTION A-A

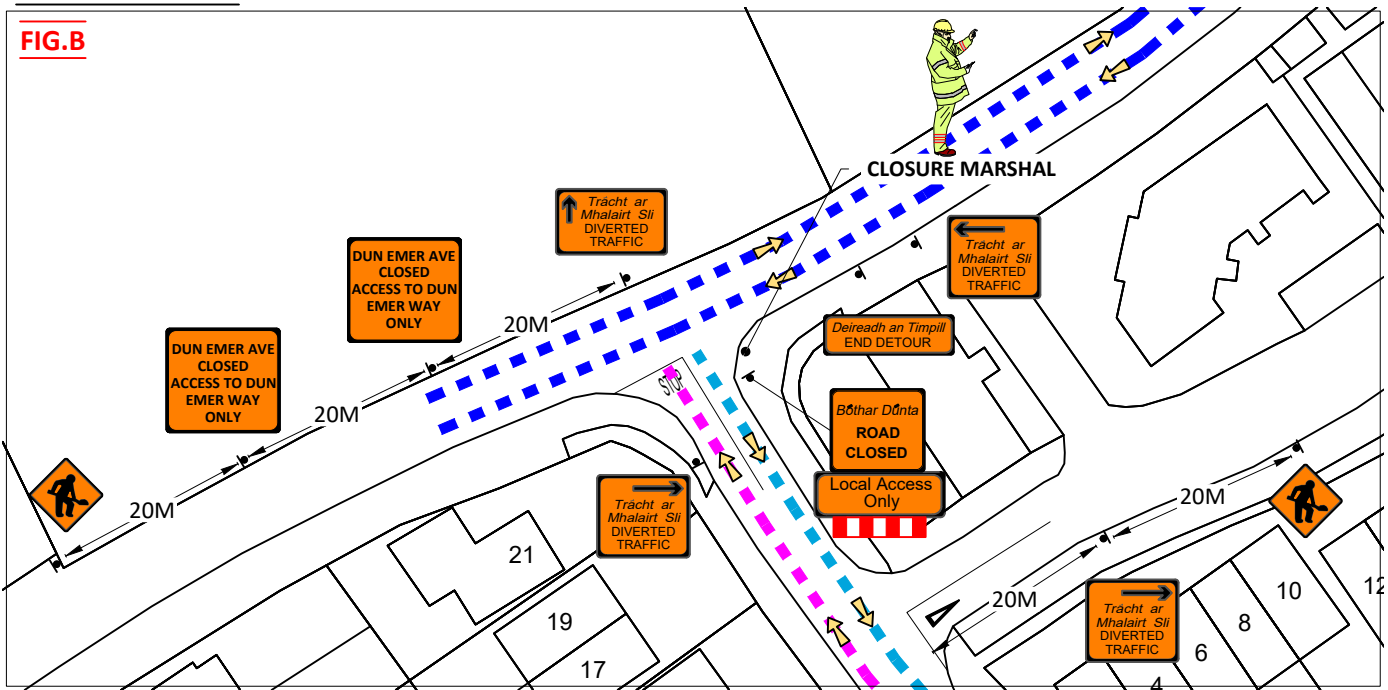


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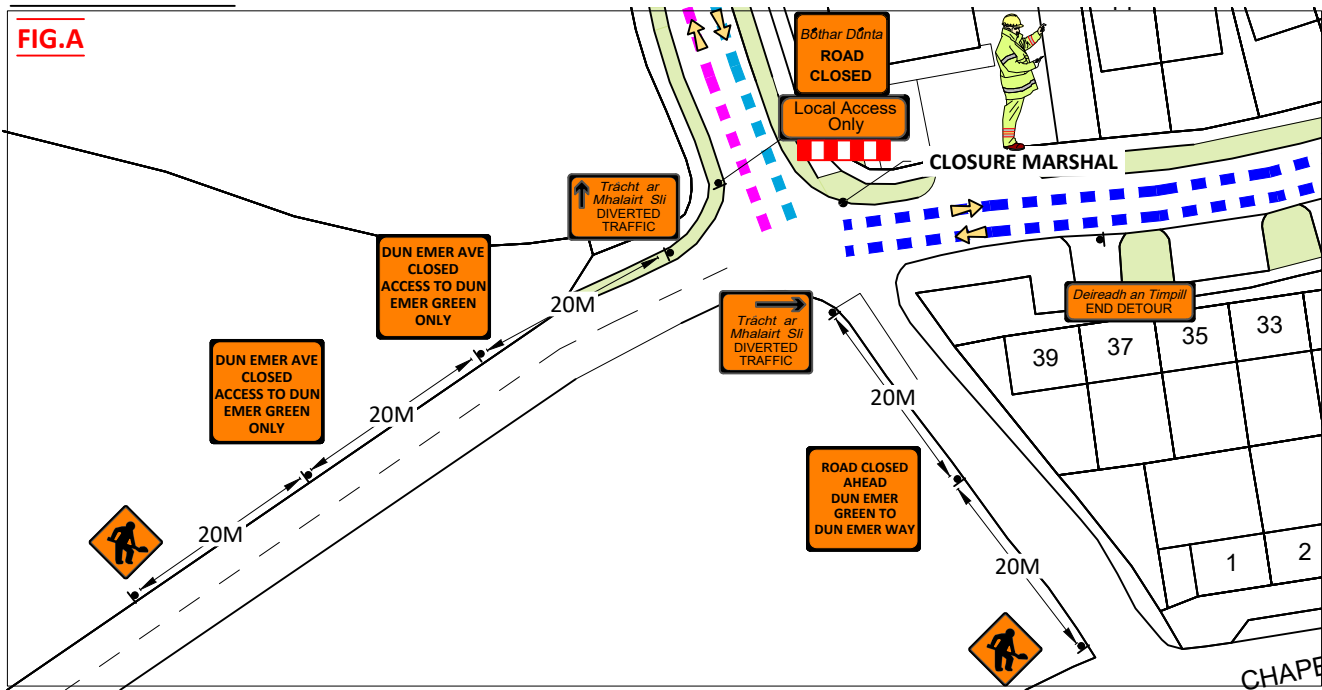
Project ;	3747509 - IW CDS Construction Works	
Location ;	Dun Emer Avenue Lusk Dublin	
TM Method ;	Road Closure	
Designer ; AM	Drawn ; AM	Approved ; DG
Date ;	01/04/2025	
Scale ;	NTS - USE FIGURED DIMENSIONS ONLY	
TMP Guide Reference ;	TMP-007	
Dwg Number ;	GMC-TMP-22281-REV00	



CLOSURE POINT B



CLOSURE POINT A



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Millenium Business Park, Cappagh Road,
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Tel: +353 (0)1 864 9800
Email: info@gmcirl.com

Project ;	3747509 - IW CDS Construction Works		
Location ;	Dun Emer Avenue Lusk Dublin		
TM Method ;	Road Closure - Diversion Route		
Designer ; AM	Drawn ; AM	Approved ;	DG
Date ;	01/04/2025		
Scale ;	NTS - USE FIGURED DIMENSIONS ONLY		
TMP Guide Reference ; TMP-008			
Dwg Number ;	GMC-TMP-22282-REV00		