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TRAFFIC MANAGEMENT PACK

PROJECT

IW CDS New Connection

LOCATION

Monkstown Farm, Dún Laoghaire, Dublin



RECOMMENDED PRINT A3 | ISSUED : 31/03/2023 | REVISION - 00 | TMPs - 05 | DESIGNER - G.IONEL | DRAWN - H.DANUT



DIVERSION ROUTE



VMS BOARDS ARE TO BE PLACED IN ADVANCE OF CLOSURE POINTS. QUANTITY AND TEXT IS TO BE DISCUSSED AND AGREED

VARIABLE MESSAGE SIGN

- SITE SPECIFIC NOTES**
1. Traffic Management to comply with Chapter 8 of the "Traffic Signs manual" and "Guidance for the control and Management of Traffic at Road Works".
 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. Longitudinal safety area of 5m.
 5. Width of Lateral Safety to be 0.5m.
 6. Taper to works to be at 45°
 7. A Pedestrian walkway of 1.2m minimum to be maintained at all times,kerb ramps to be provided where required
 8. Work Area to be barriered at all times.
 9. 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
 10. Minimum size of signs to be 600mm.
 11. Minimum height of cones to be 750mm.
 12. Below signage to be used where required...



During darkness at unlit areas following a site risk assessment additional lighting to be installed (eg. lamps, sequential lamps, etc)

LEGEND:
 WORK/PLANT AREA (red hatched box)
 LONGITUDINAL SAFETY ZONE (red dashed line)
 TRAFFIC CONE (orange triangle)
 SITE BARRIER (red and white striped line)
 LATERAL SAFETY ZONE (blue dashed line)
 PEDESTRIAN ROUTE (dotted line)
 SIGN LOCATION & ORIENTATION (arrow)

Design Parameters for Level 1 (iii) (Single Carriageway 50 km/h)

Design Parameters	Roadworks Type B (<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) 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) ²	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 ;	IW CDS New Connection
Location ;	Monkstown Farm, Dún Laoghaire, Dublin
TM Method ;	Road Closure System
Designer ;	G.Ionel
Drawn ;	H.Danut
Date ;	31/03/2023
Scale ;	NTS
TMP Guide Reference;	TMP-001
Dwg Number ;	GMC-TMP-13725-REV00

DIVERSION ROUTE

VMS BOARDS ARE TO BE PLACED IN ADVANCE OF CLOSURE POINTS. QUANTITY AND TEXT IS TO BE DISCUSSED AND AGREED



- SITE SPECIFIC NOTES**
- Traffic Management to comply with Chapter 8 of the "Traffic Signs manual" and "Guidance for the control and Management of Traffic at Road Works".
 - 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)
 - Longitudinal safety area of 5m.
 - Width of Lateral Safety to be 0.5m.
 - Taper to works to be at 45°
 - 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
 - Minimum size of signs to be 600mm.
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During darkness at unlit areas following a site risk assessment additional lighting to be installed (eg. lamps, sequential lamps, etc)

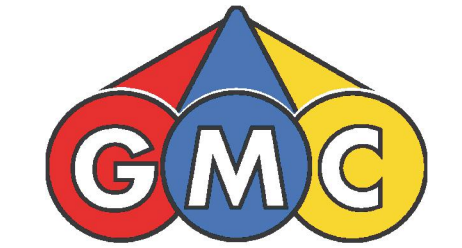
LEGEND:

- WORK/PLANT AREA
- LONGITUDINAL SAFETY ZONE
- TRAFFIC CONE
- SITE BARRIER
- LATERAL SAFETY ZONE
- PEDESTRIAN ROUTE
- SIGN LOCATION & ORIENTATION

Design Parameters for Level 1 (iii) (Single Carriageway 50 km/h)

Design Parameters	Roadworks Type B (<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) 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) ²	3 (2.5)
Two-way Roadway Width (m)	5

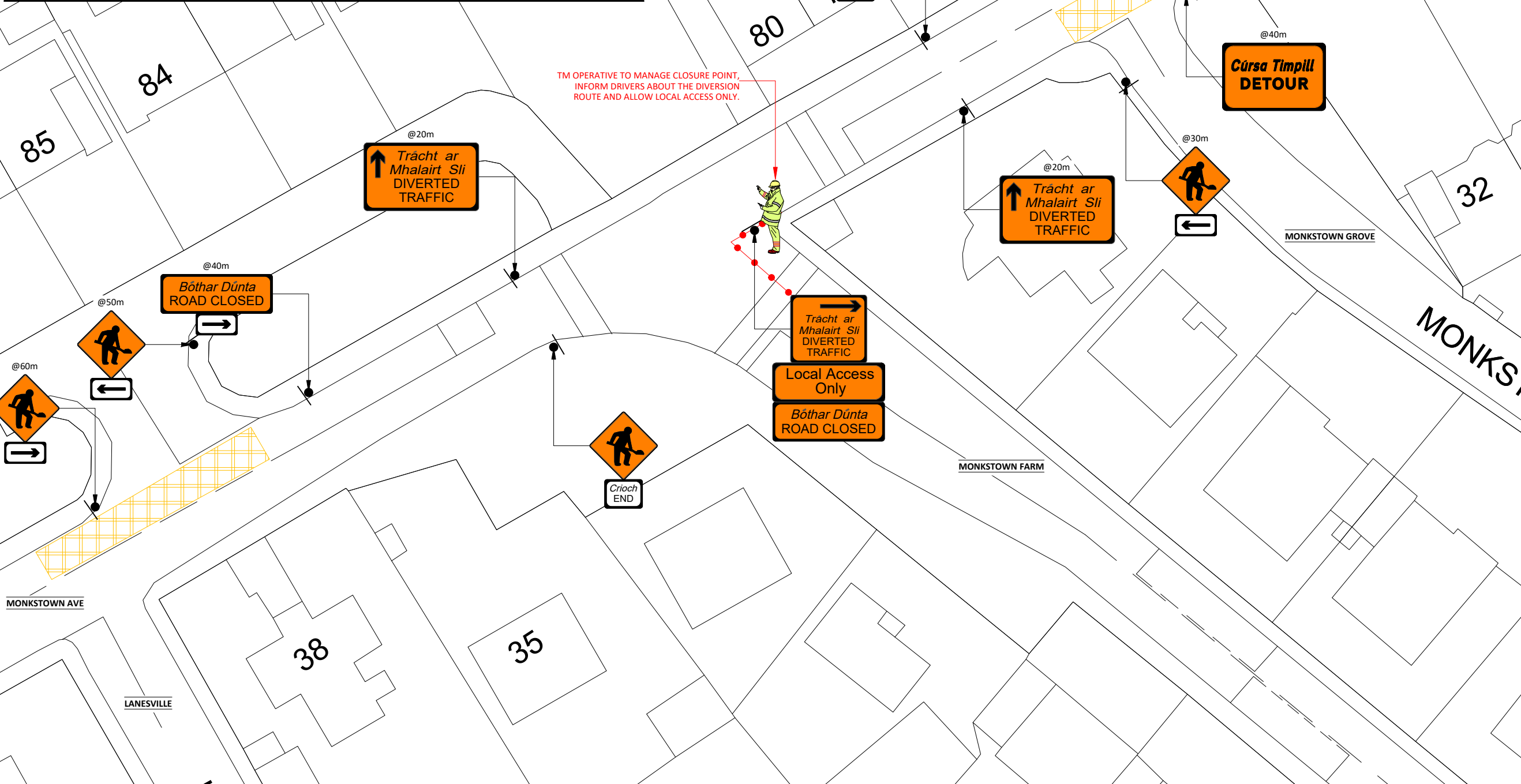
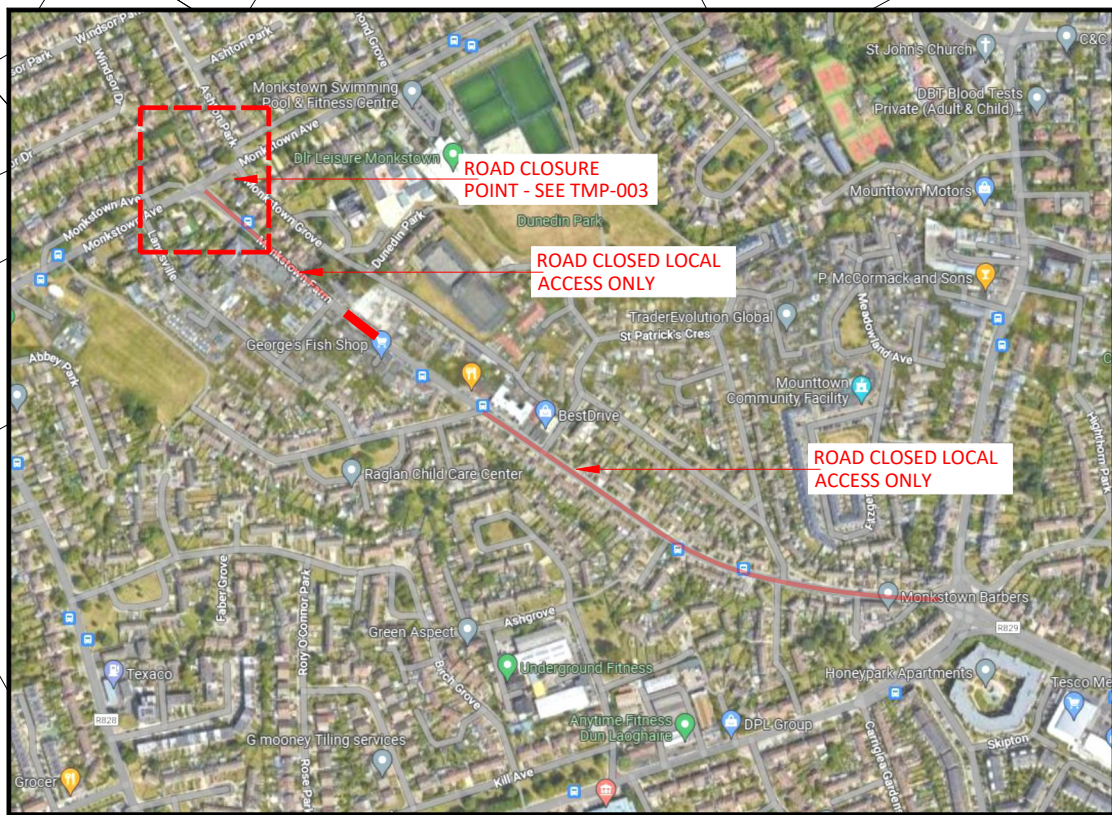
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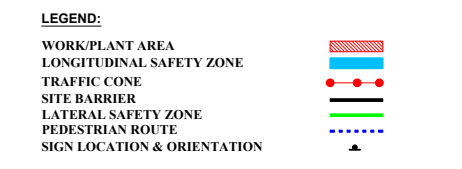
GMC Utilities Group Ltd, GMC House, Millenium Business Park, Cappagh Road, Ballycoolin, Dublin 11, Ireland.
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Project ;	IW CDS New Connection
Location ;	Monkstown Farm, Dún Laoghaire, Dublin
TM Method ;	Road Closure System
Designer ;	G.Ionel
Drawn ;	H.Danut
Date ;	31/03/2023
Scale ;	NTS
TMP Guide Reference;	TMP-002
Dwg Number ;	GMC-TMP-13726-REV00





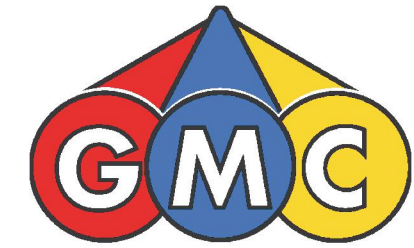
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2. A minimum lane width of 3.0m to be maintained at all times.
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Design Parameters for Level 1 (iii)
(Single Carriageway 50 km/h)

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Temporary Signs	
Sign Size (mm)	600 Min
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between advance signs (m)	20
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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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Project ;	IW CDS New Connection
Location ;	Monkstown Farm, Dún Laoghaire, Dublin
TM Method ;	Road Closure System
Designer ;	G.Ionel
Drawn ;	H.Danut
Date ;	31/03/2023
Scale ;	NTS
TMP Guide Reference;	TMP-003
Dwg Number ;	GMC-TMP-13727-REV00

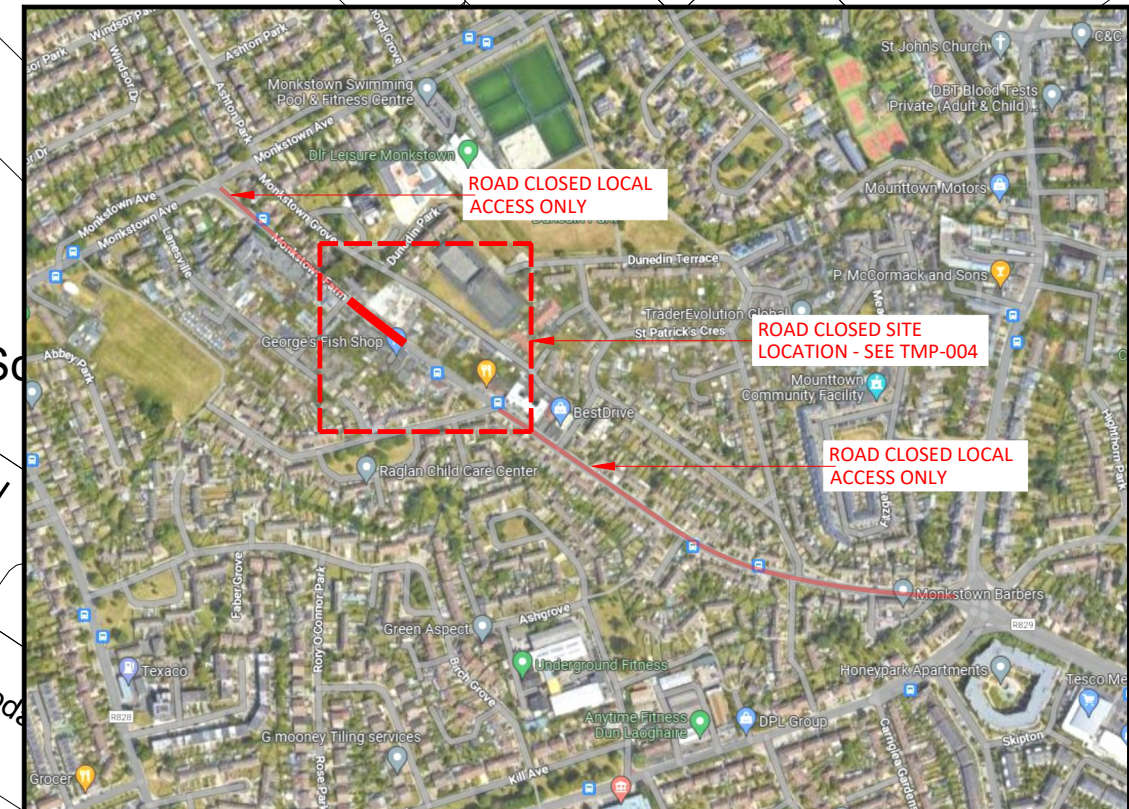
SITE SPECIFIC NOTES

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 LONGITUDINAL SAFETY ZONE
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 LATERAL SAFETY ZONE
 PEDESTRIAN ROUTE
 SIGN LOCATION & ORIENTATION



Design Parameters for Level 1 (iii)
(Single Carriageway 50 km/h)

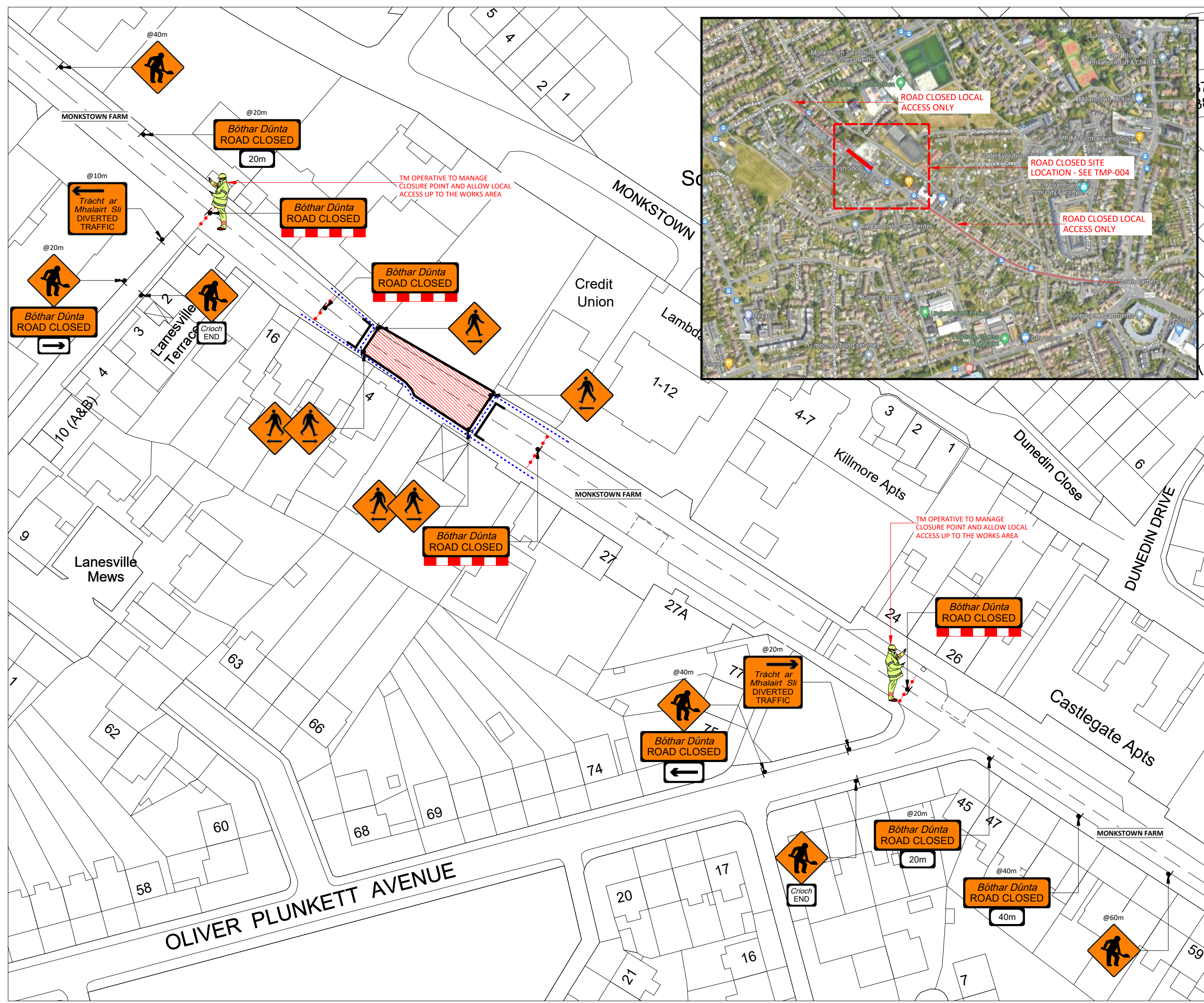
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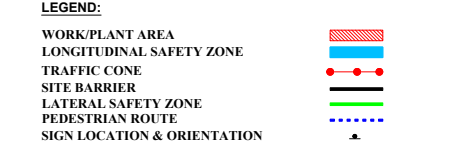
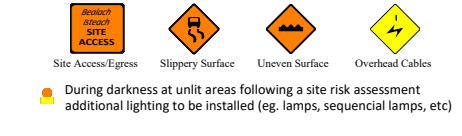
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TM Method ;	Road Closure System
Designer ;	G.Ionel
Drawn ;	H.Danut
Date ;	31/03/2023
Scale ;	NTS
TMP Guide Reference;	TMP-004
Dwg Number ;	GMC-TMP-13728-REV00



SITE SPECIFIC NOTES

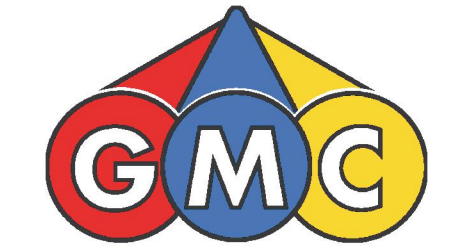
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Designer ;	G.Ionel
Drawn ;	H.Danut
Date ;	31/03/2023
Scale ;	NTS
TMP Guide Reference;	TMP-005
Dwg Number ;	GMC-TMP-13729-REV00

