

Design Parameter	Type A > 12 hours
Advance Warning Signage	
Sign Size (mm)	600
Sign Visibility (m)	90
Number of Signs	4
Cumulative Distance (m)	480
Distance between Advance Warning Signs (m)	120
Taper	
Lane Taper Rate ^A	1 in 40
Hard Shoulder Taper Rate ^A	
Cones	
Cone Height (mm)	750
Taper Spacing (m) ^B	3
Longitudinal Spacing (m) ^B	12
Lamps (unlit areas only)	
Taper Spacing (m)	6
Longitudinal Spacing (m)	24
Safety Zones	
Longitudinal (m)	45
Lateral (m)	1.2
Lanes	
Lane Width (m) ^C	3

Other Design Considerations	
Type of System	DIVERSION
Road Type	Level 2 (i) 80km
Works Length	<150m
Traffic Volume (AADT)	< 5,000 veh/day

Type A – Works requiring full time Temporary Traffic Management (TTM)

Proposed Start Date	25/01/2024
Proposed Completion Date	15/02/2024

Notes:
 Diversion during working hours only - 8am - 6pm
 See Layout Plans for details of Signage on the N77 and in the Town of Ballinakill
 VMS Signs to be erected for 1 week before implementation of the Diversion

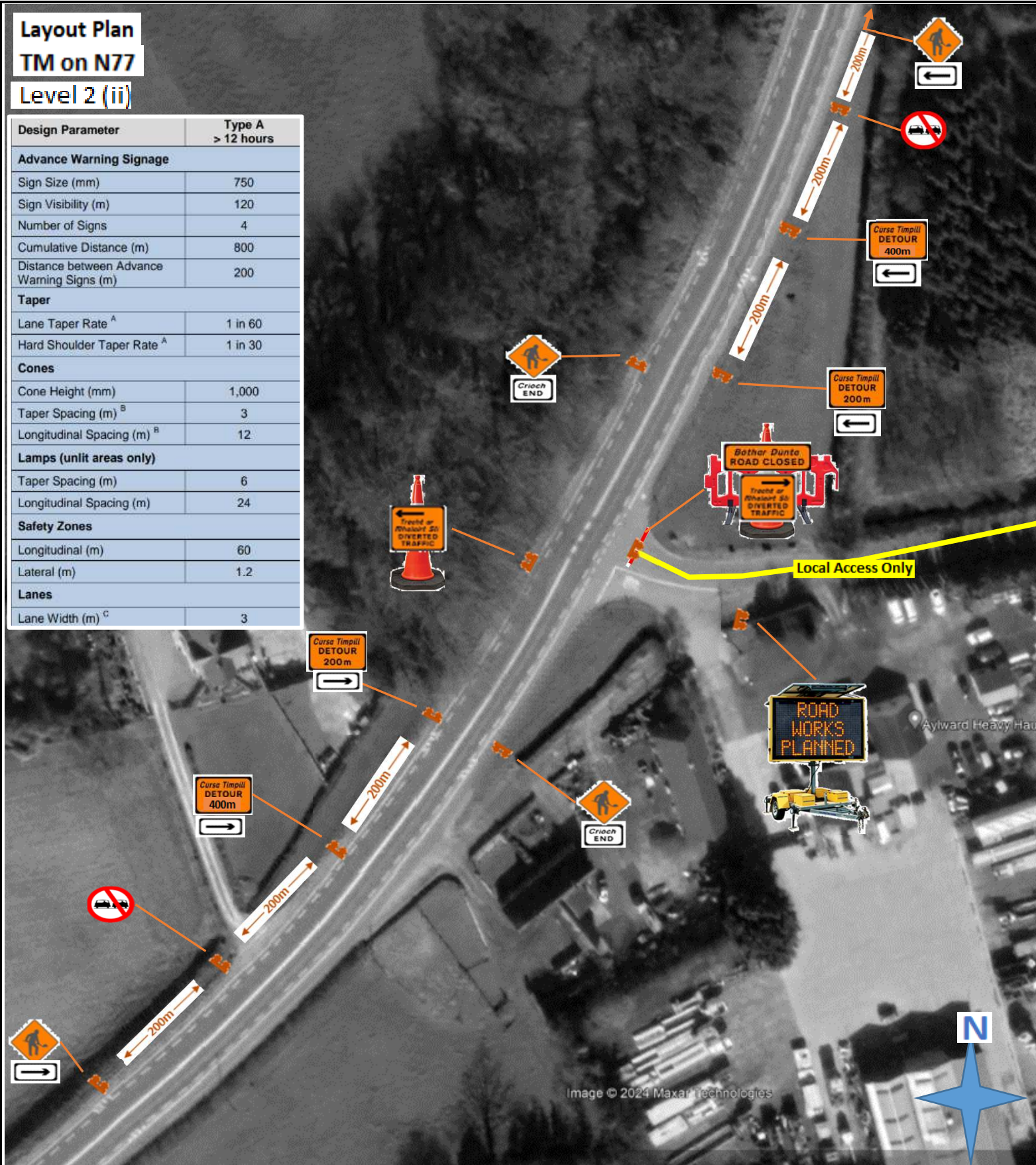
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 O'Moore Street, Mountmellick, Laois Tel: 057 8624163
 Email: info@dunnebrothers.ie

Drawing:	Traffic Management Plan - DIVERSION Drainage at Monaclear Estate, Ballinakill
Project:	Portlaoise MD Paths 2023
Client:	Laois County Council
Date:	16/01/2024 Dwg No. 017 (Page 1 of 3)

**Layout Plan
TM on N77**

Level 2 (ii)

Design Parameter	Type A > 12 hours
Advance Warning Signage	
Sign Size (mm)	750
Sign Visibility (m)	120
Number of Signs	4
Cumulative Distance (m)	800
Distance between Advance Warning Signs (m)	200
Taper	
Lane Taper Rate ^A	1 in 60
Hard Shoulder Taper Rate ^A	1 in 30
Cones	
Cone Height (mm)	1,000
Taper Spacing (m) ^B	3
Longitudinal Spacing (m) ^B	12
Lamps (unlit areas only)	
Taper Spacing (m)	6
Longitudinal Spacing (m)	24
Safety Zones	
Longitudinal (m)	60
Lateral (m)	1.2
Lanes	
Lane Width (m) ^C	3



Design Parameters	
SEE LAYOUT PLANS	
Other Design Considerations	
Type of System	Diversion
Road Level	See across
Works Length	<150m
Traffic Voulmn (AADT)	> 5,000 veh/day
Type A – Works requiring full time Temporary Traffic Management (TTM)	

Proposed Start Date	25/01/2024
Proposed Completion Date	15/02/2024
Notes:	
Diversion during working hours only - 8am - 6pm	
VMS Signs to be erected for 1 week before implementation of the Diversion	

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Drawing:	Traffic Management Plan - DIVERSION Drainage at Monoclear Estate, Ballinakill
Project:	Portlaoise MD Paths 2023
Client:	Laois County Council
Date:	16/01/2024 Dwg No. 017 (Page 2 of 3)

Layout Plan
TM Ballinakill Village



Level 1 (iii)

Design Parameter	Type A > 12 hours
Advance Warning Signage	
Sign Size (mm)	600
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between Advance Warning Signs (m)	20
Taper	
Lane Taper Rate ^A	1 in 5
Hard Shoulder Taper Rate ^A	
Cones	
Cone Height (mm)	750
Taper Spacing (m) ^B	3
Longitudinal Spacing (m) ^B	3
Lamps (unlit areas only)	
Taper Spacing (m)	6
Longitudinal Spacing (m)	6
Safety Zones	
Longitudinal (m)	5
Lateral (m)	0.5
Lanes	
Lane Width (m) ^C	3 (2.5)
Two-way Roadway Width (m)	5

Design Parameters

SEE LAYOUT PLANS

Other Design Considerations

Type of System	Diversion
Road Level	See across
Works Length	<150m
Traffic Volume (AADT)	< 5,000 veh/day

Type A – Works requiring full time Temporary Traffic Management (TTM)

Proposed Start Date	25/01/2024
Proposed Completion Date	15/02/2024

Notes:
Diversion during working hours only - 8am - 6pm

VMS Signs to be erected for 1 week before implementation of the Diversion

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Drawing: **Traffic Management Plan - DIVERSION
Drainage at Monoclear Estate, Ballinakill**

Project: **Portlaoise MD Paths 2023**
Client: **Laois County Council**

Date: **16/01/2024** Dwg No. **017 (Page 3 of 3)**