

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)

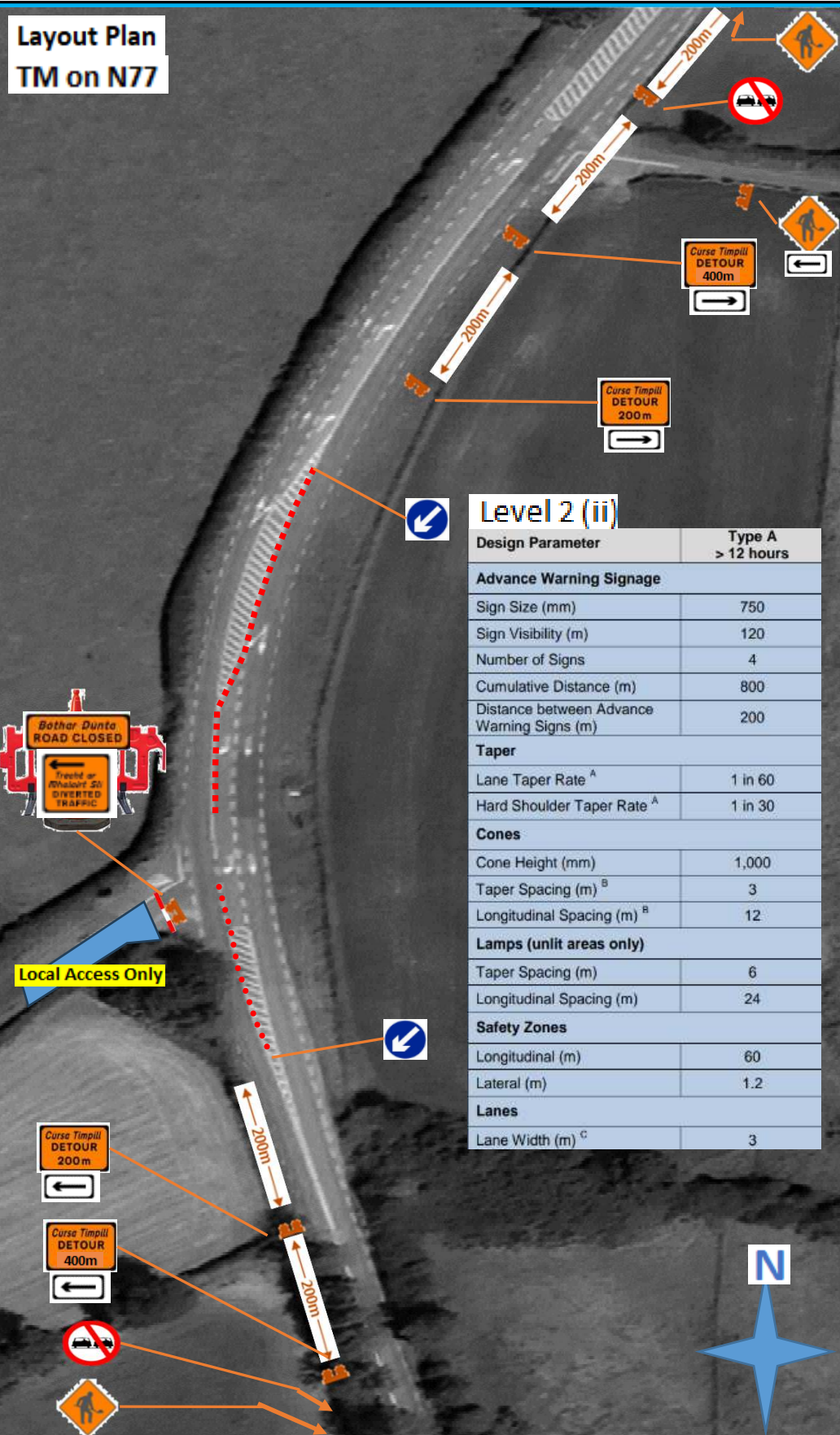
Proposed Start Date	22/11/2023
Proposed Completion Date	24/11/2023

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

Dunne Brothers Ltd
 "50 years in Plant Hire & Civil Engineering"
 Civil Engineering | Groundworks | Planthire | Demolitions | Utilities
 O'Moore Street, Mountmellick, Laois Tel: 057 8624163
 Email: info@dunnebrothers.ie

Drawing: **Traffic Management Plan - DIVERSION**
Traffic Signals at Toneduff (Drainage)
 Project: **Portlaoise MD Paths 2023**
 Client: **Laois County Council**
 Date: **17/11/2023** Dwg No. **007 (Page 1)**

**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

**Layout Plan
TM on R430**



Level 2 (i)

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

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)

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