



**Date:** 05/03/2024 **Author:** THM/JC **Project:** THM5947

**Comments:**

Traffic Management Plan to enable THM with works on the L26966 at Clonad in Co. Laois.

Note 1:  
Written dimensions are preferred, do not scale dimensions.  
All dimensions to be checked before work commences and any discrepancies reported.  
All traffic Management to be carried out in accordance with Chapter 8 of the Traffic Signs Manual in force at time of construction.

Note 2:  
All signage to be erected outside visibility plays at junctions and site access.

Note 3:  
Traffic Management will be audited and monitored in order to ensure safety and adequate traffic manoeuvrability. Should changes be required, drawings will be revised accordingly.

Note 4:  
Interaction with local residents and landowners will be carried out by the main contractor.

Note 5:  
All lighting requirements within the works area will be the responsibility of the main contractor.

**Legend**

- Cone
- Lat. Safety Zone
- Works Area

End signage is only needed to north of junction as right turns are prohibited

No Entry at junction, so no approach signage is needed on N77

53.006438, -7.305384

Works on verge

Use closer sign spacing on approach as road has low speeds and low traffic volumes

No overtaking signage is not required as road is too narrow to permit overtaking

Place sign opposite junction as side road is very narrow

**Manifest**

- 11 x Cone
- 3 x WK 001 Roadworks Ahead
- 2 x WK 033 Road Narrows on Right
- 1 x P 003L Direction
- 1 x P 010 End
- 1 x RUS 001 Keep Left

Table 2.2.2.1: Minimum Design Parameters for Level 2(i) Roads Single Carriageway 80km/h

Design Parameter	Type A > 12 hours	Type B < 12 hours	Type C < 15 mins
<b>Advance Warning Signage</b>			
Sign Size (mm)	600	600	-
Sign Visibility (m)	90	90	90
Number of Signs	4	3	-
Cumulative Distance (m)	480	360	-
Distance between advance warning signs (m)	120	120	-
<b>Taper</b>			
Lane Taper Rate <sup>A</sup>	1 in 40	1 in 40	-
Hard Shoulder Taper Rate <sup>A</sup>	-	-	-
<b>Cones</b>			
Cone Height (mm)	750	750	-
Taper Spacing (m) <sup>B</sup>	3	3	-
Longitudinal Spacing (m) <sup>B</sup>	12	12	-
<b>Lamps (unlit areas only)</b>			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	24	24	-
<b>Safety Zones</b>			
Longitudinal (m)	45	45	-
Lateral (m)	1.2	1.2	-
<b>Lanes</b>			
Lane Width (m) <sup>C</sup>	3	3	-
<b>Notes:</b>			
A. 45° taper is required at shuttle traffic controlled layouts with cones at 1m centres			
B. Cone spacing 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 3m. 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. See Section 0.4.3.4.			

Table 2.2.2.2: Minimum Design Parameters for Level 2(ii) Roads Single Carriageway 100km/h

Design Parameter	Type A > 12 hours	Type B < 12 hours	Type C < 15 mins
<b>Advance Warning Signage</b>			
Sign Size (mm)	750	750	-
Sign Visibility (m)	120	120	120
Number of Signs	4	3	-
Cumulative Distance (m)	800	600	-
Distance between advance warning signs (m)	200	200	-
<b>Taper</b>			
Lane Taper Rate <sup>A</sup>	1 in 60	1 in 60	-
Hard Shoulder Taper Rate <sup>A</sup>	1 in 30	1 in 30	-
<b>Cones</b>			
Cone Height (mm)	1,000	1,000	-
Taper Spacing (m) <sup>B</sup>	3	3	-
Longitudinal Spacing (m) <sup>B</sup>	12	12	-
<b>Lamps (unlit areas only)</b>			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	24	24	-
<b>Safety Zones</b>			
Longitudinal (m)	60	60	-
Lateral (m)	1.2	1.2	-
<b>Lanes</b>			
Lane Width (m) <sup>C</sup>	3	3	-
<b>Notes:</b>			
A. 45° taper is required at shuttle traffic controlled layouts with cones at 1m centres			
B. Cone spacing 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 3m. 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. See Section 0.4.3.4.			

